REVISED 8/27/2026 AT 4:30 PM

City of Capitola
City Council Meeting Agenda
Thursday, August 27, 2026 – 6:00 PM

City Council Chambers
420 Capitola Avenue, Capitola, CA 95010

Mayor: Margaux Morgan
Vice Mayor: Gerry Jensen
Council Members: Joe Clarke, Melinda Orbach, Susan Westman

Regular Meeting of the Capitola City Council – 6 PM

1. Roll Call and Pledge of Allegiance

Council Members Joe Clarke, Melinda Orbach, Susan Westman, Vice Mayor Gerry Jensen, and Mayor Margaux Morgan

2. Additions and Deletions to the Agenda

3. Additional Materials

Additional information related to an agenda item on this agenda and submitted to the City after distribution of the agenda packet pursuant to Government Code §54957.5. All correspondence received prior to 5:00 p.m. on the Wednesday preceding a Council Meeting will be distributed to Councilmembers to review prior to the meeting. Information submitted after 5 p.m. on that Wednesday may not have time to reach Councilmembers, nor be read by them prior to consideration of an item.

A. Item 6C - Correspondence Received

B. Item 6D - Correspondence Received

C. Item 7C – Correspondence Received

D. Item 7D - Correspondence Received

E. Item 7E - Correspondence Received

4. Oral Communications by Members of the Public

Oral Communications allows time for members of the Public to address the City Council on any "Consent Item" on tonight's agenda, or on any topic within the jurisdiction of the City that is not on the "General Government/Public Hearings" section of the Agenda. Members of the public may speak for up to three minutes, unless otherwise specified by the Mayor. Individuals may not speak more than once during Oral Communications. All speakers must address the entire legislative body and will not be permitted to engage in dialogue. ***A maximum of 30 minutes*** *is set aside for Oral Communications.*

5. Staff / City Council Comments

Comments are limited to three minutes.

6. Consent Items

All items listed as "Consent Items" will be enacted by one motion in the form listed below. There will be no separate discussion on these items prior to the time the Council votes on the action unless

members of the City Council request specific items to be discussed for separate review. Items pulled for separate discussion will be considered following General Government. Note that all Ordinances which appear on the public agenda shall be determined to have been read by title and further reading waived.

A. City Council Meeting Minutes
Recommended Action: Approve minutes from the regular meeting on July 23, 2026.

B. City Check Registers
Recommended Action: Approve check registers dated June 19, 2026, July 3, 2026, July 17, 2026, and July 31, 2026.

C. Contract Amendment for Planning and Building Services
Recommended Action: Authorize the City Manager to execute 1) Amendment 2 to the Professional Services Agreements with CSG Consultants, Inc. for Planning Consultant Services to increase contract funding by $50,000; and 2) Amendment 1 to the Professional Services Agreement with CSG Consultants, Inc. for Building Consultant Services to increase contract funding by $95,000.

D. Ben Noble Planning Contract
Recommended Action: Adopt a resolution authorizing the City Manager to execute a sole source Professional Services Agreement, in a form acceptable to the City Attorney's Office, with Ben Noble Planning in an amount not to exceed $80,000 for a two-year term to provide General Plan implementation services for Zoning Code updates.

E. OPC SB 1 Sea-Level Rise Adaptation Planning Grant
Recommended Action: Authorize staff to submit an application to the Ocean Protection Council's SB 1 Sea-Level Rise Adaptation Planning Grant Program.

F. ECYP Fund Allocation
Recommended Action: Adopt a resolution authorizing an allocation of $40,000 from the Early Childhood and Youth Programming (ECYP) Fund for youth program scholarships for Fiscal Year 2026-27 and approving the corresponding budget amendment to appropriate the funds for this purpose.

7. General Government / Public Hearings

All items listed in "General Government / Public Hearings" are intended to provide an opportunity for public discussion of each item listed. The following procedure pertains to each General Government item: 1) Staff explanation; 2) Council questions; 3) Public comment; 4) Council deliberation; 5) Decision.

A. Fifth Public Hearing to Receive Community Input and Adopt an Ordinance Transitioning to District-Based Elections
Recommended Action: 1) Conduct a **time-certain duly noticed public hearing at 6:15 PM** to receive community input; and 2) Adopt an ordinance of the City of Capitola amending Chapter 2.04 of Title 2 of the Capitola Municipal Code to provide for the election of City Council Members by four districts with an elected mayor; establish district boundaries and election order for each district; and make other amendments.

B. Agreement with the RTC for the Capitola Trestle Assessment
Recommended Action: Authorize the City Manager to execute a Cooperative Agreement with the Santa Cruz County Regional Transportation Commission (RTC) for the Capitola Trestle Assessment.

C. Stockton Avenue Bridge Existing Conditions Assessment and Project Development Services Agreement

Recommended Action: Authorize the City Manager to execute a Professional Services Agreement with CSW/ST2 for the assessment of Stockton Avenue Bridge's existing conditions and project development services in an amount not to exceed $474,912.

D. Underground Utility District No. 6 and Rule 20A Program Update
Recommended Action: Receive information regarding Underground Utility District No. 6 and the Rule 20A utility undergrounding program, including district history, implementation considerations, and utility coordination issues, and provide direction as desired. *(Continued from May 28, 2026, City Council Meeting)*

E. Bay Avenue Corridor Safety Improvements
Recommended Action: Direct staff to proceed with the proposed safety improvements at Bay Avenue/Hill Street and Bay Avenue/Center Street.

F. Discussion Regarding Residency Requirements for Elective Office
Recommended Action: Discuss residency requirements for elective office and provide direction to staff.

8. Adjournment

The next regularly scheduled City Council meeting is on September 10, 2026, at 6:00 PM.

How to View the Meeting

Meetings are open to the public for in-person attendance at the Capitola City Council Chambers located at 420 Capitola Avenue, Capitola, California, 95010.

Other ways to Watch:

Spectrum Cable Television channel 8

City of Capitola, California YouTube Channel

How to Provide Comments to the City Council

Members of the public may provide public comments to the City Council in-person during the meeting. If you are unable to attend in-person, please email your comments to citycouncil@cityofcapitola.gov and they will be included as a part of the record for the meeting.

Notice regarding City Council: The City Council meets on the 2nd and 4th Thursday of each month at 6:00 p.m. in the City Hall Council Chambers located at 420 Capitola Avenue, Capitola.

Agenda and Agenda Packet Materials: The City Council Agenda and the complete Agenda Packet are available for review on the City's website and at Capitola City Hall prior to the meeting. Need more information? Contact the City Clerk's office at 831-475-7300.

Agenda Materials Distributed after Distribution of the Agenda Packet: Pursuant to Government Code §54957.5, materials related to an agenda item submitted after distribution of the agenda packet are available for public inspection at the Reception Office at City Hall, 420 Capitola Avenue, Capitola, California, during normal business hours.

Americans with Disabilities Act: Disability-related aids or services are available to enable persons with a disability to participate in this meeting consistent with the Federal Americans with Disabilities Act of 1990. Assisted listening devices are available for individuals with hearing impairments at the meeting in the City Council Chambers. Should you require special accommodations to participate in the meeting due to a disability, please contact the City Clerk's office at least 24 hours in advance of the meeting at 831-475-7300. In an effort to accommodate

individuals with environmental sensitivities, attendees are requested to refrain from wearing perfumes and other scented products.

Si desea asistir a esta reunión pública y necesita ayuda - como un intérprete de lenguaje de señas americano, español u otro equipo especial - favor de llamar al Departamento de la Secretaría de la Ciudad al 831-475-7300 al menos tres días antes para que podamos coordinar dicha asistencia especial o envié un correo electrónico a cityclerk@cityofcapitola.gov.

Televised Meetings: City Council meetings are cablecast "Live" on Charter Communications Cable TV Channel 8 and are recorded to be rebroadcasted at 8:00 a.m. on the Wednesday following the meetings and at 1:00 p.m. on Saturday following the first rebroadcast on Community Television of Santa Cruz County (Charter Channel 71 and Comcast Channel 25). Meetings are streamed "Live" on the City's website by clicking on the Home Page link "Meeting Agendas/Videos." Archived meetings can be viewed from the website at any time.

Gautho, Julia

From: Kevin Maguire <kmaguire831@gmail.com>
Sent: Wednesday, August 26, 2026 4:43 PM
To: City Clerk; City Council
Subject: Items 6C and 6D – Please Pull Consultant Contracts for Discussion

Follow Up Flag: Follow up
Flag Status: Flagged

Mayor Morgan and Councilmembers,

Please pull Consent Items 6C and 6D for separate discussion before approval.

Together, these items authorize another $225,000 in consultant spending:

- $50,000 additional CSG Planning Consultant funding
- $95,000 additional CSG Building Consultant funding
- $80,000 sole-source Ben Noble Planning agreement

These services may be justified, but $225,000 in additional consultant authority deserves a short public explanation rather than approval as part of a single Consent Calendar motion.

Please explain:

Why have the existing CSG contract amounts proven insufficient?

What work has already been performed, what has been spent to date, and what measurable deliverables will the additional $145,000 purchase?

For the $80,000 Ben Noble contract, why is a sole-source procurement preferable to competition? Can Council receive quarterly updates on projects Ben Noble is working on?

Which duties are being performed by consultants rather than permanent City staff, and is repeated consultant spending more or less economical than developing sufficient in-house capacity?

I am not asking Council to reject necessary professional expertise. I am asking for transparency and Council oversight when significant consultant expenditures continue to accumulate.

Please pull Items 6C and 6D and discuss them publicly before voting.

Thank you,

Kevin Maguire
Capitola Resident

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Thank you,

Kevin Maguire
Capitola Resident

Outlook

Protect OUR Historical Stockton Bridge-Comprehensive Review of Caltrans Bridge Inspection Reports and Transparency Concerns Regarding the Historic Stockton Avenue Bridge

From TJ 4 Capitola <tj4capitolabeachtown@gmail.com>
Date Wed 8/26/2026 4:34 AM
To Margaux Morgan <mmorgan@cityofcapitola.gov>; Gerry Jensen <gjensen@cityofcapitola.gov>; Clarke, Joe <jclarke@cityofcapitola.gov>; Melinda Orbach <morbach@cityofcapitola.gov>; Westman, Susan <swestman@cityofcapitola.gov>
Cc City Clerk <cityclerk@cityofcapitola.gov>; Gautho, Julia <jGautho@cityofcapitola.gov>

1 attachment (16 MB)
Cal Trans Bridge Reports BIRIS_36C0110.pdf;

City Clerk,
Please add this email and attached document to the published August 27, 2026 City Council Meeting comments, with printed copies for each Council Member. In addition, include all comments and documents in the meeting minutes.

Mayor and Council Members,

Please find attached six Caltrans Bridge Inspection Reports spanning an 11-year period (2013–2024), which consistently incorporate baseline structural data dating back to 2009. A critical analysis of these objective documents reveals a profound contradiction with the **April 1, 2026, CSWST2 Existing Condition Memorandum**. While the independent Caltrans reports categorize the structure's overall condition as "fair" across ten separate inspection cycles, they simultaneously carry a continuous, active work recommendation to replace the bridge deck overlay. This formal recommendation has been explicitly active since 2011 to preserve the bridge and prevent internal structural failure.

Chronic Deferred Maintenance: The Bridge Deck Overlay

The attached documentation proves that Caltrans inspectors have explicitly flagged the bridge deck as requiring immediate, preventative remediation across multiple decades, a timeline completely minimized by the City's contracted vendor:

- **Pages 8 & 9:** Detail a formalized work recommendation—initially entered in **2011**—to apply a polyester concrete overlay to the deck structure.
- **Page 12:** Explicitly mandates the proposed action **"Deck-Place Overlay"** under the "Deck Work Recommendations" section.
- **Page 16:** Formally confirms that the 2011 work recommendation remains active and unaddressed.

- **Page 19:** Re-lists the proposed overlay work within the "Deck Work Recommendations" schedule.
- **Page 23:** Notes the continuous, ongoing necessity to install a polyester concrete overlay.
- **Page 26:** Catalogs the "**Deck-Place Overlay**" action under prioritized deck maintenance.
- **Page 28:** Explicitly links the 2011 work recommendation to a severely weathered and cracked deck surface requiring immediate sealing.
- **Page 30:** Outlines the "**Deck-Place Overlay**" requirement under mandatory local agency actions.
- **Page 41:** Re-verifies the active proposed action status for the polyester overlay installation.

Historical Baselines and Dynamic Site Conditions

The modern inspection logs heavily rely on structural baselines established in 2009 to track the long-term structural health of the bridge:

- **2009 Load Rating Analysis:** The legal and permit load capacities cited across all modern reports are derived exclusively from the Load Rating Summary Sheet dated September 4, 2009.
- **2009 Channel Measurements & Scour Evaluation:** The 2013 and 2015 reports utilize a baseline cross-section measured on September 25, 2009. While the reports confirm that the channel protection remains stable and classified as "protected" with no historical scour, they document volatile, seasonal creek dynamics.
- **Dynamic Hydrology:** Inspectors noted that Soquel Creek experiences natural seasonal berming downstream, blocking free flow into the ocean. Combined with heavy rain events, this berming caused water depths at Bent 2 / Pier 2 to surge to 8 feet—more than double the standard historical baseline of 3 to 4 feet.
- **2009 Photographic Record:** The 2024 report still relies on routine evaluation photographs captured on September 25, 2009, to track long-term deck and joint deterioration.

Deconstructing the CSWST2 Report: Contradictions and Capital Escalation

The April 1, 2026, CSWST2 memorandum utilizes a narrative of structural decay to push for a high-cost, total bridge replacement. However, a technical cross-examination with independent data reveals critical discrepancies:

1. **The Deck Replacement Paradox:** CSWST2 asserts that a full deck slab replacement is mandatory due to transverse reinforcement corrosion, claiming an overlay or methacrylate treatment is unfeasible. Yet, CSWST2 simultaneously admits that "**a load rating reduction is not regarded as necessary**" and that the reinforcement loss "**will not lead to a collapse risk.**" If the bridge remains completely safe for everyday legal traffic loads, accelerating a total replacement without executing Caltrans' decades-old preventative overlay recommendations represents an unjustified escalation of public spending.
2. **Manufactured Urgency via Scour Analysis:** CSWST2 highlights a "Code 3" classification to label the bridge as "scour critical" under extreme, hypothetical 100-year flow scenarios

(17,500 cfs). What the vendor minimizes is that **historical field logs confirm no scour ever been observed at the bridge site.** The channel is naturally protected and highly stable. CSWST2's model relies heavily on unverified assumptions regarding floating debris depths and silty-sandy soil types, weaponizing predictive software to overshadow a century of empirical structural stability.

3. **Utility Conflation:** The vendor catalogs various utility defects, including cracking in an 18-inch asbestos cement sewer main and exposed electrical wiring. These are standard municipal utility maintenance issues. Conflating routine utility repairs with a systemic failure of the bridge structure itself is a classic tactic used to artificially inflate the necessity of a total capital replacement project.

The Role of Caltrans Bias-Free Appraisals vs. Municipal Procurement

It is vital to distinguish between data sources when evaluating public infrastructure safety. The City utilizes CSWST2 engineers hired via an RFP process. It is well-established that vendor-driven analyses can be influenced to mirror a municipality's desired policy outcome—in this case, building a brand-new bridge rather than maintaining the existing one.

Conversely, Caltrans structural civil engineers operate completely free of local political or financial biases. Their sole mandate is to safeguard public safety and preserve state infrastructure assets through three rigid, objective functions:

1. **Objective Safety Appraisals:** Conducting field examinations to grade structural health on a regulated scale.
2. **Legal Load Rating Certification:** Utilizing empirical mathematics to dictate structural weight limits, ensuring heavy freight trucks do not cause catastrophic failure.
3. **Prescriptive Maintenance Planning:** Injecting formalized "Work Recommendations" into state infrastructure systems to mandate preventative care—such as sealing weathered decks before moisture reaches internal steel reinforcement.

By ignoring these multi-decade Caltrans recommendations, the City and its consultant have allowed a manageable maintenance item to transform into an artificially manufactured infrastructure crisis.

Conclusion and Call to Transparency

The systemic omission or minimization of continuous Caltrans work recommendations in local discussions directly undermines the core tenant of "Trust" explicitly outlined as a pillar in the City's 2025–2029 Strategic Plan—a document to which each of you signed your name.

As City Council Members, it is your fiduciary and ethical obligation to implement responsible, transparent administrative processes. The community deserves accurate, unfiltered, and objective data regarding its public infrastructure rather than a single, vendor-driven conclusion.

Respectfully Submitted,
TJ Welch

Please find attached the entire six Cal Trans Bridge Reports here:

California Department of Transportation
Division of Maintenance

Structure Maintenance and Investigations

BRIDGE

INSPECTION

RECORDS

INFORMATION

SYSTEM

The requested documents have been generated by BIRIS.

These documents are the property of the California Department of Transportation and should be handled in accordance with Deputy Directive 55 and the State Administrative Manual.

Records for “Confidential” bridges may only be released outside the Department of Transportation upon execution of a confidentiality agreement.



Photo #1
Details near Pier 2 in Span 1.



Photo #2
Typical rail deterioration.

102 - Deck-Damage/Deterioration



Photo #3
Typical deck cracks.



Photo #4
2 FT diameter AC approach in the westbound lane at A1 is cracking and potholing.

Item 3 C.

BRIDGE INSPECTION REPORT
Routine Inspection

BRIDGE NO.:	STRUCTURE NAME:	INSPECTION DATE:
36C0110	**SOQUEL CREEK**	**May 14, 2024**

BRIDGE LOCATION INFORMATION

(9) LOCATION	AT THE ESPLANADE	(7) FACILITY CARRIED	STOCKTON AVE
(11) POSTMILE	0	(6) FEATURE INTERSECTED	SOQUEL CREEK
(16) LATITUDE	36°58'20.27"	(5) INVENTORY RTE(ON/UNDER)	ON 150000000
(17) LONGITUDE	121°57'11.45"	(104) ON NATIONAL HIGHWAY SYSTEM	NOT ON NHS

STRUCTURAL HEALTH CONDITION SUMMARY INFORMATION

(58) DECK	4 POOR	DECK AREA (M)^2	524
(59) SUPERSTRUCTURE	5 FAIR	SUFFICIENCY RATING	60.6
(60) SUBSTRUCTURE	5 FAIR	PAINT CONDITION	N/A
(62) CULVERT	N N/A (NBI)	STRUCTURALLY DEFICIENT (SD) STATUS	SD
(67) STRUCTURE EVALUATION	5 ABOVE MIN TOLERABLE	(113) SCOUR	5 STABLE W/IN FOOTING OR PIL

PHOTOGRAPH IDENTIFICATION



Routine-Roadway View (09/25/2019)



Routine-Elevation View (09/25/2019)



Routine-Underside View (09/25/2019)



Routine-Map View (10/05/2022)

TEAM LEADER Zhigang Zhang

REPORT AUTHOR Zhigang Zhang

INSPECTED BY Z.Zhang/B.Nekaien

Zhigang Zhang (Registered Civil Engineer) 10/4/2024 Date

REGISTERED PROFESSIONAL ENGINEER
Zhigang Zhang
No. 72440
Exp. 06/30/2026
CIVIL
STATE OF CALIFORNIA

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STRUCTURE OVERVIEW

AGENCY INFORMATION

(1) STATE NAME	CALIFORNIA	069	
(2) HIGHWAY DISTRICT	05		
(3) COUNTY CODE	(36)SANTA CRUZ		
(4) PLACE CODE	(11040) CAPITOLA		
(21) MAINTAIN	04 CITY OR MUNICIPAL HI		
(22) OWNER	04 CITY OR MUNICIPAL HI		
(98) BORDER BRIDGE STATE CODE	N/A	% SHARE	N/A
(99) BORDER BRIDGE STRUCTURE NUMBER	N/A		

INSPECTION INFORMATION

(90) INSPECTION DATE	05/24	(91) FREQUENCY	24	MO
(92) CRITICAL FEATURE INSPECTION		(93) CFI DATE		
A) NSTM INSP	N-NO	MO	A)	N/A
B) UNDERWATER INSP	N-NO	MO	B)	04/96
C) OTHER SPECIAL INSP	N-NO	MO	C)	N/A

CONSTRUCTION INFORMATION

(27) YEAR BUILT	1934	(45) MAIN SPANS	3	(43a) STRUCTURE TYPE MAIN	2: CONCRETE CONT
(106) YEAR MODIFIED	N/A	(46) APPR SPANS	0	(43b) DESIGN TYPE MAIN	05: BOX BEAM OR GDR - MU
(34) SKEW	0	(48) MAX SPAN (M)	25.9	(44a) STRUCTURE TYPE APPR	0: OTHER/ NOT APPLICABLE
(49) LENGTH (M)	41.8	(35) STR FLARE	0-NO	(44b) DESIGN TYPE APPR	00: OTHER/NOT APPLICABLE
(112) NBIS BR LENGTH	Y	JOINTS	2	NO. OF HINGES	0

STRUCTURE DESCRIPTION

3 span, continuous parabolic RC (7 cell) box girder with cantilevered end spans on RC pier walls and RC diaphragm ends with non-monolithic wingwalls, all founded on RC pile caps and timber piles

SPAN CONFIGURATION

1 @ 25 ft, 1 @ 85 ft, 1 @ 25 ft

OPERATIONAL INFORMATION

LOAD CAPACITY

(31) DESIGN LOAD	0 UNKNOWN	(65) CALC METHOD	1 LF LOAD FACTOR
(66) INVENTORY RATING	RF=1.01 =>32.7 metric tons	(63) CALC METHOD	1 LF LOAD FACTOR
(64) OPERATING RATING	RF=1.68 =>54.4 metric tons	(70) BRIDGE POSTING	5 AT/ABOVE LEGAL LOADS
(41) STRUCTURE STATUS	A-OPEN, NO RESTRICTION	PERMIT RATING	PPPPP
OVERLAY THICKNESS	0 inches		

POSTING LOADS

	Safe Loads	Existing Ordinance/Order	Posting Signs	
Type 3	Legal	N/A	N/A	U.S. Tons
Type 3S2	Legal	N/A	N/A	U.S. Tons
Type 3-3	Legal	N/A	N/A	U.S. Tons
Speed	25	N/A	N/A	MPH

Additional Ordinance/Order Requirements

NONE

Additional Signs

NONE

Posting Date N/A
Load Rating Summary Date 09/04/19
Load Rating Type Calculated
Load Rating Tool - Date BDS, Hand Calcs (LRE) - 09/03/19

MINIMUM VERTICAL CLEARANCE

(53) MIN VERT CLEAR OVER BRIDGE RDWY	Unimpaired	
(54) MIN VERT UNDERCLEAR REF	N-NOT H/RR	0.00 M

MINIMUM LATERAL UNDERCLEARANCE

(55) MIN LAT UNDERCLEAR RT REF	N-NOT H/RR	0.0 M
(56) MIN LAT UNDERCLEAR LT		0.0 M

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CONDITION INFORMATION

INSPECTION COMMENTARY

SCOPE AND ACCESS

This inspection was completed in accordance with SM&I standards for a routine regularly scheduled evaluation. All elements received a full visual inspection. The deck was walked and the channel was waded and probed. Water was present under all spans at a depth of 1-3 feet with the pierwalls wet and the abutments dry, see Photo 1.

NUMBERING CONVENTION

This structure alignment is east and west. The western abutment is Abutment 1 and is located nearest to the Venetian Court with the ocean on the right. The eastern abutment is Abutment 4 and is located nearest the Esplanade.

DECK AND ROADWAY

The AC approach is cracking and potholing in the westbound lane at Abutment 1, see Photo 4.

SPECIAL INSPECTION INFORMATION

STEEL INVESTIGATION DETAILS - NOT APPLICABLE FOR THIS BRIDGE.

UNDERWATER INVESTIGATION DETAILS - NOT APPLICABLE FOR THIS BRIDGE.

DECK AND ROADWAY

DECK CROSS SECTION

1.08 ft br, 5 ft sw, 30 ft, 5 ft sw, 1.08 ft br

DECK GEOMETRY

(49)	LENGTH	41.8 M
(51)	NET WIDTH	9.1 M
(52)	TOTAL WIDTH	12.9 M
(50)	CURB OR SIDEWALK	LEFT 1.5 M RIGHT 1.5 M
(32)	APPROACH RDWY WIDTH	9.1 M
(33)	BRIDGE MEDIAN	0 NO MEDIAN

DECK STRUCTURE INFORMATION

(107)	DECK STRUCTURE TYPE	1-CIP CONCRETE
(108)	WEARING SURFACE / PROTECTIVE SYSTEM	
A)	TYPE OF WEARING SURFACE	0-NONE
B)	TYPE OF MEMBRANE	0-NONE
C)	TYPE OF DECK PROTECTION	0-NONE
	OVERLAY THICKNESS (inches)	0 inches
(29)	AVERAGE DAILY TRAFFIC	15000
(30)	YEAR OF ADT 2014	(109) TRUCK ADT % 10 %
(19)	BYPASS, DETOUR LENGTH	3 KM
(114)	FUTURE ADT	20403
(115)	YEAR OF FUTURE ADT	2041
(37)	HISTORICAL SIGNIFICANCE	2: ELIGIBLE FOR NRHP

DECK ROADWAY/OPERATIONAL INFORMATION

(42a)	TYPE OF SERVICE	5-HIGHWAY-PEDESTRIAN
(12)	BASE HIGHWAY NETWORK	0-NOT ON NET
(13)	LRS INVENTORY RTE & SUBRTE	
(104)	NATIONAL HIGHWAY SYSTEM	0-NOT ON NHS
(26)	FUNCTIONAL CLASS	16-MINOR ARTERIAL URBAN
(100)	DEFENSE HIGHWAY	0-NOT STRAHNET
(101)	PARALLEL STRUCTURE	N-NONE EXISTS
(102)	DIRECTION OF TRAFFIC	2-2 WAY
(10)	INVENTORY ROUTE MIN VERT CLEAR	99.99 M
(47)	INVENTORY ROUTE TOTAL HORIZ CLEAR	9.1 M
(68)	DECK GEOMETRY	3 INTOLERABLE - CORRECT
(72)	APPR ROADWAY ALIGN	8 EQUAL DESIRABLE CRIT
(105)	FEDERAL LANDS HWY	0-NOT APPLICABLE
(110)	DESIGNATED NATIONAL NETWORK	0-NOT ON NET
(20)	TOLL	3-ON FREE ROAD
(28a)	LANES	2
	SPEED	25
(103)	TEMPORARY STRUCTURE	N/A

DECK ELEMENT INSPECTION RATINGS AND NOTES

(58) DECK RATING = 4

Elem No.	Defect/ Prot	Defect	Element Description	Env	Total Qty	Units	Qty in each Condition State CS 1	CS 2	CS 3	CS 4
16			**Top Flange-RC**	2	524	sq.m	264	0	260	0
	1130		**Cracking (RC and Other)**	2	260		0	0	260	0

(16-1130) Cracking (RC and Other)

The bare concrete deck surface is weathered and abraded with random cracking throughout. The randomly oriented deck cracks ar

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DECK ELEMENT INSPECTION RATINGS AND NOTES

(58) DECK RATING = 4

Item 3 C.

Elem No.	Defect/ Prot	Defect	Element Description	Env	Total Qty	Units	Qty in each Condition State CS 1	CS 2	CS 3	CS 4

(16-1130) Cracking (RC and Other)

up to 0.125 inches in width at an average of 2 feet on center. See Photo 2 and Photo #4 from 2019. A work recommendation to place a polyester concrete overlay on the deck was entered in 2011.

DECK PHOTOGRAPHS



Photo 3
Typical deck cracks.

JOINT - APPROACH - RAIL

RAIL INFORMATION

(36a) Rail Code 0 (36b) Transition 0 (36c) Appr Guardrail 0 (36d) Appr Guardrail End 0 Roadway Speed 25 MPH

JOINT/APPROACH/RAIL ELEMENT INSPECTION RATINGS AND NOTES

Elem No.	Defect/ Prot	Defect	Element Description	Env	Total Qty	Units	Qty in each Condition State CS 1	CS 2	CS 3	CS 4
304			**Joint-Open Expansion**	2	27	m	0	27	0	0
	2350		**Debris Impaction (Joints)**	2	27		0	27	0	0

(304-2350) Debris Impaction (Joints)

The armored open joints at the abutments are filled with emulsion, dirt and debris. See Photo 3. A work recommendation to clean out the joints has been entered.

331			**Railing-RC**	4	82	m	62	8	12	0
	1080		**Delamination/Spall/Patched Area**	4	20		0	8	12	0

(331-1080) Delamination/Spall/Patched Area

The bridge rails have some areas of delamination and spalling greater than 6 inches in diameter with exposed corroded reinforcement. See Photo #2 of this report and Photo #5 from 2019. A work recommendation to patch the spalls was entered in 2001.

JOINT - APPROACH - RAIL

Item 3 C.

JOINT/APPROACH/RAIL PHOTOGRAPHS



Photo 2
Typical rail deterioration.



Photo 4
2 FT diameter AC approach in the westbound lane at A1 is cracking and potholing.

SUPERSTRUCTURE

SUPERSTRUCTURE ELEMENT INSPECTION RATINGS AND NOTES

(59) SUPERSTRUCTURE RATING = 5

Elem No.	Defect/ Prot	Element Description	Env	Total Qty	Units	Qty in each Condition State CS 1	CS 2	CS 3	CS 4
105		**Box Girder-RC**	3	41	m	0	41	0	0
	1130	**Cracking (RC and Other)**	3	41		0	41	0	0

(105) Box Girder-RC

The box girder soffit exhibits numerous previous patches, minor areas of thin cover, patchy scaliness with efflorescent staining that is co-located with the cracking detailed below.

(105-1130) Cracking (RC and Other)

The soffit in Span 1 has a longitudinal crack with efflorescence along the centerline, numerous previous patches and efflorescent staining, see Photo 1.

The soffit in Span 2 has transverse cracking with black leachate near the midspan along the edge of deck on the left and right, a longitudinal crack with efflorescence along the centerline, and numerous previous patches. There are also several 5 foot long transverse cracks at the crown of the soffit.

The soffit in Span 3 has a longitudinal crack with efflorescence along the centerline continuing down the face of Pier Wall 3.

No substantial changes were noted to the superstructure since the last routine inspection. See Photos #8 to #10 from 2011.

All cracks described in this defect are between 0.012 and 0.05 inches in width.

SUBSTRUCTURE

DESCRIPTION UNDER STRUCTURE

(42b) TYPE OF SERVICE UNDER	5-WATERWAY	(38) NAVIGATION CONTROL	0: NO CONTROL
(69) UNDERCLEARANCES V - H	N NOT APPLICABLE (NBI)	(111) PIER PROTECTION	**N/A**
(71) WATER ADEQUACY	7 ABOVE MINIMUM	(39) NAVIGATION VERTICAL CLEARANCE	0.0 M
(61) CHANNEL PROTECTION	8 PROTECTED	(116) VERT-LIFT BRIDGE NAV MIN VERTICAL CLEAR	M
(113) SCOUR	5 STABLE W/IN FOOTING OR PILE	(40) NAVIGATION HORIZONTAL CLEARANCE	0.0 M
SCOUR POA DATE	N/A		

CHANNEL DESCRIPTION

Sandy beach outlet, tidal influence

SUBSTRUCTURE ELEMENT INSPECTION RATINGS AND NOTES

(60) SUBSTRUCTURE RATING = 5

Elem	Defect/	Element Description	Env	Total	Units	Qty in each Condition State

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SUBSTRUCTURE

SUBSTRUCTURE ELEMENT INSPECTION RATINGS AND NOTES

(60) SUBSTRUCTURE RATING = 5

Elem No.	Defect/ Prot	Defect	Element Description	Env	Total Qty	Units	Qty in each Condition State CS 1	CS 2	CS 3	CS 4
210			**Pier Wall-RC**	3	26	m	10	16	0	0
	1080		**Delamination/Spall/Patched Area**	3	3		0	3	0	0
	1130		**Cracking (RC and Other)**	3	13		0	13	0	0

(210-1080) Delamination/Spall/Patched Area

The pier walls have occasional sound patches.

(210-1130) Cracking (RC and Other)

The pier walls have occasional random cracks with cracks sizes generally under 0.05 inches in width.

215			**Abutment-RC**	3	27	m	11	16	0	0
	1080		**Delamination/Spall/Patched Area**	3	2		0	2	0	0
	1130		**Cracking (RC and Other)**	3	14		0	14	0	0

(215) Abutment-RC

This element represents the vertical diaphragms adjacent to the ends of the cantilevered end spans.

Wingwalls are not integral to the abutment and are not included in this quantity.

(215-1080) Delamination/Spall/Patched Area

The abutments have occasional sound patches.

(215-1130) Cracking (RC and Other)

The abutment faces have occasional random cracks with crack sizes generally under 0.05 inches in width.

228			**Pile-Timber**	4	1	ea.	1	0	0	0

(228) Pile-Timber

The pile element is included to indicate the presence of piles on this structure. The piles were not exposed for visual inspection. No indication of pile distress was noted in any substructure element.

256			**Slope Protection**	2	1	ea.	1	0	0	0

(256) Slope Protection

There were no significant defects noted.

SUBSTRUCTURE PHOTOGRAPHS



Photo 1
Details near Pier 2 in Span 1.

WORK RECOMMENDATIONS

DECK WORK RECOMMENDATIONS

Rec Date	10/05/2011	Work By	LOCAL AGENCY	Est Cost		Dist Target
Status	PROPOSED	Action	Deck-Place Overlay	Str Target	ROUTINE	EA

Place a polyester concrete overlay on the deck.

JOINT/APPR/RAIL WORK RECOMMENDATIONS

Rec Date	05/14/2024	Work By	LOCAL AGENCY	Est Cost		Dist Target
Status	PROPOSED	Action	Appr Roadway-Repair	Str Target	ROUTINE	EA

Repair the cracking and potholing AC approach at Abutment 1.

Rec Date	09/25/2019	Work By	LOCAL AGENCY	Est Cost		Dist Target
Status	PROPOSED	Action	Joints-Repair/Clean	Str Target	ROUTINE	EA

Clean the dirt and debris out of the joints at the abutments.

Rec Date	05/02/2001	Work By	LOCAL AGENCY	Est Cost		Dist Target
Status	PROPOSED	Action	Rail-Repair	Str Target	ROUTINE	EA

Clean and patch the delaminations and the spalls on the bridge rail.

SUPERSTRUCTURE WORK RECOMMENDATIONS - NONE

SUBSTRUCTURE WORK RECOMMENDATIONS - NONE

OTHER WORK RECOMMENDATIONS - NONE



Photo #1
Routine Map View

Item 3 C.

BRIDGE INSPECTION REPORT
Routine Inspection

BRIDGE NO.:	STRUCTURE NAME:	INSPECTION DATE:
36C0110	**SOQUEL CREEK**	**May 18, 2022**

BRIDGE LOCATION INFORMATION

(9) LOCATION	AT THE ESPLANADE	(7) FACILITY CARRIED	STOCKTON AVE
(11) POSTMILE	0	(6) FEATURE INTERSECTED	SOQUEL CREEK
(16) LATITUDE	36°58'20.27"	(5) INVENTORY RTE(ON/UNDER)	ON 150000000
(17) LONGITUDE	121°57'11.45"	(104) ON NATIONAL HIGHWAY SYSTEM	NOT ON NHS

STRUCTURAL HEALTH CONDITION SUMMARY INFORMATION

(58) DECK	4 POOR	DECK AREA (M)^2	524
(59) SUPERSTRUCTURE	5 FAIR	SUFFICIENCY RATING	60.6
(60) SUBSTRUCTURE	5 FAIR	PAINT CONDITION	N/A
(62) CULVERT	N N/A (NBI)	STRUCTURALLY DEFICIENT (SD) STATUS	SD
(67) STRUCTURE EVALUATION	5 ABOVE MIN TOLERABLE	(113) SCOUR	5 STABLE W/IN FOOTING

PHOTOGRAPH IDENTIFICATION



Routine-Roadway View (09/25/2019)



Routine-Elevation View (09/25/2019)



Routine-Underside View (09/25/2019)



Routine-Map View (10/05/2022)

TEAM LEADER Shawn Hart

REPORT AUTHOR Shawn Hart

INSPECTED BY S.Hart/K.Ghazizadeh

Shawn Hart (Registered Civil Engineer) 10/15/2022 Date

PROFESSIONAL ENGINEER
REGISTERED
Shawn Hart
No. 68403
Exp. 09/30/2023
CIVIL
STATE OF CALIFORNIA

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STRUCTURE OVERVIEW

AGENCY INFORMATION

(1) STATE NAME	CALIFORNIA	069
(2) HIGHWAY DISTRICT		05
(3) COUNTY CODE		(36)SANTA CRUZ
(4) PLACE CODE		(11040) CAPITOLA
(21) MAINTAIN		04 CITY OR MUNICIPAL HI
(22) OWNER		04 CITY OR MUNICIPAL HI
(98) BORDER BRIDGE STATE CODE	N/A	% SHARE N/A
(99) BORDER BRIDGE STRUCTURE NUMBER		N/A

INSPECTION INFORMATION

(90) INSPECTION DATE	05/22	(91) FREQUENCY	24 MO
(92) CRITICAL FEATURE INSPECTION		(93) CFI DATE	
A) FRACTURE CRITICAL INSP	N-NO	MO A)	N/A
B) UNDERWATER INSP	N-NO	MO B)	04/96
C) OTHER SPECIAL INSP	N-NO	MO C)	N/A

CONSTRUCTION INFORMATION

(27) YEAR BUILT	1934	(45) MAIN SPANS	3	(43a) STRUCTURE TYPE MAIN	2: CONCRETE CONT
(106) YEAR MODIFIED	N/A	(46) APPR SPANS	0	(43b) DESIGN TYPE MAIN	05: BOX BEAM OR GDR - MU
(34) SKEW	0	(48) MAX SPAN (M)	25.9	(44a) STRUCTURE TYPE APPR	0: OTHER/ NOT APPLICABLE
(49) LENGTH (M)	41.1	(35) STR FLARE	0-NO	(44b) DESIGN TYPE APPR	00: OTHER/NOT APPLICABLE
(112) NBIS BR LENGTH	Y	JOINTS	2	NO. OF HINGES	0

STRUCTURE DESCRIPTION

3 span, continuous parabolic RC (7 cell) box girder with cantilevered end spans on RC pier walls and RC diaphragm ends with non-monolithic wingwalls, all founded on RC pile caps and timber piles

SPAN CONFIGURATION

1 @ 25 ft, 1 @ 85 ft, 1 @ 25 ft

OPERATIONAL INFORMATION

LOAD CAPACITY

(31) DESIGN LOAD	0 UNKNOWN	(65) CALC METHOD	1 LF LOAD FACTOR
(66) INVENTORY RATING	RF=1.01 =>32.7 metric tons	(63) CALC METHOD	1 LF LOAD FACTOR
(64) OPERATING RATING	RF=1.68 =>54.4 metric tons	(70) BRIDGE POSTING	5 AT/ABOVE LEGAL LOADS
(41) STRUCTURE STATUS	A-OPEN, NO RESTRICTION	PERMIT RATING	PPPPP
OVERLAY THICKNESS	0 inches		

POSTING LOADS

	Safe Loads	Existing Ordinance/Order	Posting Signs	
Type 3	Legal	N/A	N/A	U.S. Tons
Type 3S2	Legal	N/A	N/A	U.S. Tons
Type 3-3	Legal	N/A	N/A	U.S. Tons
Speed	25	N/A	N/A	MPH

Additional Ordinance/Order Requirements

NONE

Additional Signs

NONE

Posting Date N/A
Load Rating Summary Date 09/04/19
Load Rating Type Calculated
Load Rating Tool - Date BDS, Hand Calcs (LRE) - 09/03/19

MINIMUM VERTICAL CLEARANCE

(53) MIN VERT CLEAR OVER BRIDGE RDWY		Unimpaired
(54) MIN VERT UNDERCLEAR REF	N-NOT H/RR	0.00 M

MINIMUM LATERAL UNDERCLEARANCE

(55) MIN LAT UNDERCLEAR RT REF	N-NOT H/RR	0.0 M
(56) MIN LAT UNDERCLEAR LT		0.0 M

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CONDITION INFORMATION

INSPECTION COMMENTARY

SCOPE AND ACCESS

This inspection was completed in accordance with SM&I standards for a routine regularly scheduled evaluation. All elements received a full visual inspection. The deck was walked and the channel was waded and probed. Flowing water was present under all spans at a depth of 2-3 feet with the pierwalls wet and the abutments dry.

NUMBERING CONVENTION

This structure alignment is east and west. The western abutment is Abutment 1 and is located nearest to the Venetian Court with the ocean on the right. The eastern abutment is Abutment 4 and is located nearest the Esplanade.

SPECIAL INSPECTION INFORMATION

STEEL INVESTIGATION DETAILS - NOT APPLICABLE FOR THIS BRIDGE.

UNDERWATER INVESTIGATION DETAILS - NOT APPLICABLE FOR THIS BRIDGE.

DECK AND ROADWAY

DECK CROSS SECTION

1.08 ft br, 5 ft sw, 30 ft, 5 ft sw, 1.08 ft br

DECK GEOMETRY

(49)	LENGTH	41.1 M
(51)	NET WIDTH	9.1 M
(52)	TOTAL WIDTH	12.9 M
(50)	CURB OR SIDEWALK	LEFT 1.5 M RIGHT 1.5 M
(32)	APPROACH RDWY WIDTH	9.1 M
(33)	BRIDGE MEDIAN	0 NO MEDIAN

DECK STRUCTURE INFORMATION

(107)	DECK STRUCTURE TYPE	1-CIP CONCRETE
(108)	WEARING SURFACE / PROTECTIVE SYSTEM	
A)	TYPE OF WEARING SURFACE	0-NONE
B)	TYPE OF MEMBRANE	0-NONE
C)	TYPE OF DECK PROTECTION	0-NONE
	OVERLAY THICKNESS (inches)	0 inches
(29)	AVERAGE DAILY TRAFFIC	15000
(30)	YEAR OF ADT 2013	(109) TRUCK ADT % 10 %
(19)	BYPASS, DETOUR LENGTH	3 KM
(114)	FUTURE ADT	20403
(115)	YEAR OF FUTURE ADT	2041
(37)	HISTORICAL SIGNIFICANCE	2: ELIGIBLE FOR NRHP

DECK ROADWAY/OPERATIONAL INFORMATION

(42a)	TYPE OF SERVICE	5-HIGHWAY-PEDESTRIAN
(12)	BASE HIGHWAY NETWORK	0-NOT ON NET
(13)	LRS INVENTORY RTE & SUBRTE	
(104)	NATIONAL HIGHWAY SYSTEM	0-NOT ON NHS
(26)	FUNCTIONAL CLASS	16-MINOR ARTERIAL URBAN
(100)	DEFENSE HIGHWAY	0-NOT STRAHNET
(101)	PARALLEL STRUCTURE	N-NONE EXISTS
(102)	DIRECTION OF TRAFFIC	2-2 WAY
(10)	INVENTORY ROUTE MIN VERT CLEAR	99.99 M
(47)	INVENTORY ROUTE TOTAL HORIZ CLEAR	9.1 M
(68)	DECK GEOMETRY	3 INTOLERABLE - CORRECT
(72)	APPR ROADWAY ALIGN	8 EQUAL DESIRABLE CRIT
(105)	FEDERAL LANDS HWY	0-NOT APPLICABLE
(110)	DESIGNATED NATIONAL NETWORK	0-NOT ON NET
(20)	TOLL	3-ON FREE ROAD
(28a)	LANES	2
	SPEED	25
(103)	TEMPORARY STRUCTURE	N/A

DECK ELEMENT INSPECTION RATINGS AND NOTES

(58) DECK RATING = 4

Elem No.	Defect/ Prot	Defect	Element Description	Env	Total Qty	Units	Qty in each Condition State CS 1	CS 2	CS 3	CS 4
16			**Top Flange-RC**	2	524	sq.m	264	0	260	0
	1130		**Cracking (RC and Other)**	2	260		0	0	260	0

(16-1130) Cracking (RC and Other)

The bare concrete deck surface is weathered and abraded with random cracking throughout. The randomly oriented deck cracks are up to 0.125 inches in width at an average of 2 feet on center. See Photo #4 from 2019. A work recommendation to place a polyester concrete overlay on the deck was entered in 2011.

JOINT - APPROACH - RAIL

JOINT - APPROACH - RAIL

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RAIL INFORMATION

(36a) Rail Code 0 (36b) Transition 0 (36c) Appr Guardrail 0 (36d) Appr Guardrail End 0 Roadway Speed 25 MPH

JOINT/APPROACH/RAIL ELEMENT INSPECTION RATINGS AND NOTES

Elem No.	Defect/ Prot	Defect	Element Description	Env	Total Qty	Units	Qty in each Condition State CS 1	CS 2	CS 3	CS 4
304			**Joint-Open Expansion**	2	27	m	0	27	0	0
	2350		**Debris Impaction (Joints)**	2	27		0	27	0	0

(304-2350) Debris Impaction (Joints)

The armored open joints at the abutments are filled with emulsion, dirt and debris. See Photo #6 from 2011. A work recommendation to clean out the joints has been entered.

Elem No.	Defect/ Prot	Defect	Element Description	Env	Total Qty	Units	Qty in each Condition State CS 1	CS 2	CS 3	CS 4
331			**Railing-RC**	4	82	m	62	8	12	0
	1080		**Delamination/Spall/Patched Area**	4	20		0	8	12	0

(331-1080) Delamination/Spall/Patched Area

The bridge rails have some areas of delamination and spalling greater than 6 inches in diameter with exposed corroded reinforcement. See Photo #5 from 2019. A work recommendation to patch the spalls was entered in 2001.

SUPERSTRUCTURE

SUPERSTRUCTURE ELEMENT INSPECTION RATINGS AND NOTES

(59) SUPERSTRUCTURE RATING = 5

Elem No.	Defect/ Prot	Defect	Element Description	Env	Total Qty	Units	Qty in each Condition State CS 1	CS 2	CS 3	CS 4
105			**Box Girder-RC**	3	41	m	0	41	0	0
	1130		**Cracking (RC and Other)**	3	41		0	41	0	0

(105) Box Girder-RC

The box girder soffit exhibits numerous previous patches, minor areas of thin cover, patchy scaliness with efflorescent staining that is co-located with the cracking detailed below.

(105-1130) Cracking (RC and Other)

The soffit in Span 1 has a longitudinal crack with efflorescence along the centerline, numerous previous patches and efflorescent staining.

The soffit in Span 2 has transverse cracking with black leachate near the midspan along the edge of deck on the left and right, a longitudinal crack with efflorescence along the centerline, and numerous previous patches. There are also several 5 foot long transverse cracks at the crown of the soffit.

The soffit in Span 3 has a longitudinal crack with efflorescence along the centerline continuing down the face of Pier Wall 3.

No substantial changes were noted to the superstructure since the last routine inspection. See Photos #8 to #10 from 2011.

All cracks described in this defect are between 0.012 and 0.05 inches in width.

SUBSTRUCTURE

DESCRIPTION UNDER STRUCTURE

(42b) TYPE OF SERVICE UNDER	5-WATERWAY	(38) NAVIGATION CONTROL	0: NO CONTROL
(69) UNDERCLEARANCES V - H	N NOT APPLICABLE (NBI)	(111) PIER PROTECTION	**N/A**
(71) WATER ADEQUACY	7 ABOVE MINIMUM	(39) NAVIGATION VERTICAL CLEARANCE	0.0 M
(61) CHANNEL PROTECTION	8 PROTECTED	(116) VERT-LIFT BRIDGE NAV MIN VERTICAL CLEAR	M
(113) SCOUR	5 STABLE W/IN FOOTING	(40) NAVIGATION HORIZONTAL CLEARANCE	0.0 M
SCOUR POA DATE	N/A		

CHANNEL DESCRIPTION

Sandy beach outlet, tidal influence

SUBSTRUCTURE ELEMENT INSPECTION RATINGS AND NOTES

(60) SUBSTRUCTURE RATING = 5

Elem	Defect/	Element Description	Env	Total	Units	Qty in each Condition State

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SUBSTRUCTURE

SUBSTRUCTURE ELEMENT INSPECTION RATINGS AND NOTES

(60) SUBSTRUCTURE RATING = 5

Elem No.	Defect/ Prot	Element Description	Env	Total Qty	Units	Qty in each Condition State CS 1	CS 2	CS 3	CS 4
210		**Pier Wall-RC**	3	26	m	10	16	0	0
	1080	**Delamination/Spall/Patched Area**	3	3		0	3	0	0
	1130	**Cracking (RC and Other)**	3	13		0	13	0	0

(210-1080) Delamination/Spall/Patched Area

The pier walls have occasional sound patches.

(210-1130) Cracking (RC and Other)

The pier walls have occasional random cracks with cracks sizes generally under 0.05 inches in width.

215		**Abutment-RC**	3	27	m	11	16	0	0
	1080	**Delamination/Spall/Patched Area**	3	2		0	2	0	0
	1130	**Cracking (RC and Other)**	3	14		0	14	0	0

(215) Abutment-RC

This element represents the vertical diaphragms adjacent to the ends of the cantilevered end spans.

Wingwalls are not integral to the abutment and are not included in this quantity.

(215-1080) Delamination/Spall/Patched Area

The abutments have occasional sound patches.

(215-1130) Cracking (RC and Other)

The abutment faces have occasional random cracks with crack sizes generally under 0.05 inches in width.

228		**Pile-Timber**	4	1	ea.	1	0	0	0

(228) Pile-Timber

The pile element is included to indicate the presence of piles on this structure. The piles were not exposed for visual inspection. No indication of pile distress was noted in any substructure element.

256		**Slope Protection**	2	1	ea.	1	0	0	0

(256) Slope Protection

There were no significant defects noted.

OTHER PHOTOGRAPHS



Photo 1
Routine Map View

WORK RECOMMENDATIONS

DECK WORK RECOMMENDATIONS

Rec Date	10/05/2011	Work By	LOCAL AGENCY	Est Cost		Dist Target
Status	PROPOSED	Action	Deck-Place Overlay	Str Target	ROUTINE	EA

Place a polyester concrete overlay on the deck.

JOINT/APPR/RAIL WORK RECOMMENDATIONS

Rec Date	09/25/2019	Work By	LOCAL AGENCY	Est Cost		Dist Target
Status	PROPOSED	Action	Joints-Repair/Clean	Str Target	ROUTINE	EA

Clean the dirt and debris out of the joints at the abutments.

Rec Date	05/02/2001	Work By	LOCAL AGENCY	Est Cost		Dist Target
Status	PROPOSED	Action	Railing-Repair	Str Target	ROUTINE	EA

Clean and patch the delaminations and the spalls on the bridge rail.

SUPERSTRUCTURE WORK RECOMMENDATIONS - NONE

SUBSTRUCTURE WORK RECOMMENDATIONS - NONE

OTHER WORK RECOMMENDATIONS - NONE



Photo #1
Routine Map View

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BRIDGE INSPECTION REPORT
Routine Inspection

BRIDGE NO.: **36C0110**
STRUCTURE NAME: **SOQUEL CREEK**
INSPECTION DATE: **September 17, 2021**

BRIDGE LOCATION INFORMATION

(9) LOCATION	AT THE ESPLANADE	(7) FACILITY CARRIED	STOCKTON AVE
(11) POSTMILE	0	(6) FEATURE INTERSECTED	SOQUEL CREEK
(16) LATITUDE	36°58'20.27"	(5) INVENTORY RTE(ON/UNDER)	ON 150000000
(17) LONGITUDE	121°57'11.45"	(104) ON NATIONAL HIGHWAY SYSTEM	NOT ON NHS

STRUCTURAL HEALTH CONDITION SUMMARY INFORMATION

(58) DECK	4 POOR	DECK AREA $(M)^2$	524
(59) SUPERSTRUCTURE	5 FAIR	SUFFICIENCY RATING	60.6
(60) SUBSTRUCTURE	5 FAIR	PAINT CONDITION	N/A
(62) CULVERT	N N/A (NBI)	STRUCTURALLY DEFICIENT (SD) STATUS	SD
(67) STRUCTURE EVALUATION	5 ABOVE MIN TOLERABLE	(113) SCOUR	5 STABLE W/IN FOOTING

PHOTOGRAPH IDENTIFICATION


Routine-Roadway View (09/25/2019)


Routine-Elevation View (09/25/2019)


Routine-Underside View (09/25/2019)



Routine-Map View (02/16/2022)

TEAM LEADER: Shawn Hart

REPORT AUTHOR: Shawn Hart

INSPECTED BY: S.Hart/J.Mok

Shawn Hart (Registered Civil Engineer) — Date: 3/16/2022

PROFESSIONAL REGISTERED ENGINEER
Shawn Hart
No. 68403
Exp. 09/30/2023
CIVIL
STATE OF CALIFORNIA

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STRUCTURE OVERVIEW

AGENCY INFORMATION

(1) STATE NAME	CALIFORNIA	069
(2) HIGHWAY DISTRICT		05
(3) COUNTY CODE		(36)SANTA CRUZ
(4) PLACE CODE		(11040) CAPITOLA
(21) MAINTAIN		04 CITY OR MUNICIPAL HI
(22) OWNER		04 CITY OR MUNICIPAL HI
(98) BORDER BRIDGE STATE CODE	N/A	% SHARE N/A
(99) BORDER BRIDGE STRUCTURE NUMBER		N/A

INSPECTION INFORMATION

(90) INSPECTION DATE	09/21	(91) FREQUENCY	24 MO
(92) CRITICAL FEATURE INSPECTION		(93) CFI DATE	
A) FRACTURE CRITICAL INSP	N-NO	MO A)	N/A
B) UNDERWATER INSP	N-NO	MO B)	04/96
C) OTHER SPECIAL INSP	N-NO	MO C)	N/A

CONSTRUCTION INFORMATION

(27) YEAR BUILT	1934	(45) MAIN SPANS	3	(43a) STRUCTURE TYPE MAIN	2: CONCRETE CONT
(106) YEAR MODIFIED	N/A	(46) APPR SPANS	0	(43b) DESIGN TYPE MAIN	05: BOX BEAM OR GDR - MU
(34) SKEW	0	(48) MAX SPAN (M)	25.9	(44a) STRUCTURE TYPE APPR	0: OTHER/ NOT APPLICABLE
(49) LENGTH (M)	41.1	(35) STR FLARE	0-NO	(44b) DESIGN TYPE APPR	00: OTHER/NOT APPLICABLE
(112) NBIS BR LENGTH	Y	JOINTS	2	NO. OF HINGES	0

STRUCTURE DESCRIPTION

3 span, continuous parabolic RC (7 cell) box girder with cantilevered end spans on RC pier walls and RC diaphragm ends with non-monolithic wingwalls, all founded on RC pile caps and timber piles

SPAN CONFIGURATION

1 @ 25 ft, 1 @ 85 ft, 1 @ 25 ft

OPERATIONAL INFORMATION

LOAD CAPACITY

(31) DESIGN LOAD	0 UNKNOWN	(65) CALC METHOD	1 LF LOAD FACTOR
(66) INVENTORY RATING	RF=1.01 =>32.7 metric tons	(63) CALC METHOD	1 LF LOAD FACTOR
(64) OPERATING RATING	RF=1.68 =>54.4 metric tons	(70) BRIDGE POSTING	5 AT/ABOVE LEGAL LOADS
(41) STRUCTURE STATUS	A-OPEN, NO RESTRICTION	PERMIT RATING	PPPPP
OVERLAY THICKNESS	0 inches		

POSTING LOADS

	Safe Loads	Existing Ordinance/Order	Posting Signs	
Type 3	Legal	N/A	N/A	U.S. Tons
Type 3S2	Legal	N/A	N/A	U.S. Tons
Type 3-3	Legal	N/A	N/A	U.S. Tons
Speed	25	N/A	N/A	MPH

Additional Ordinance/Order Requirements

NONE

Additional Signs

NONE

Posting Date N/A
Load Rating Summary Date 09/04/19
Load Rating Type Calculated
Load Rating Tool - Date BDS, Hand Calcs (LRE) - 09/03/19

MINIMUM VERTICAL CLEARANCE

(53) MIN VERT CLEAR OVER BRIDGE RDWY		Unimpaired
(54) MIN VERT UNDERCLEAR REF	N-NOT H/RR	0.00 M

MINIMUM LATERAL UNDERCLEARANCE

(55) MIN LAT UNDERCLEAR RT REF	N-NOT H/RR	0.0 M
(56) MIN LAT UNDERCLEAR LT		0.0 M

CONDITION INFORMATION

INSPECTION COMMENTARY

SCOPE AND ACCESS

This inspection was completed in accordance with SM&I standards for a routine regularly scheduled evaluation. All elements receive

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CONDITION INFORMATION

INSPECTION COMMENTARY

full visual inspection. The deck was walked and the channel was waded and probed. Flowing water was present under all spans at a depth of 2-3 feet with the pierwalls wet and the abutments dry.

NUMBERING CONVENTION

This structure alignment is east and west. The western abutment is Abutment 1 and is located nearest to the Venetian Court with the ocean on the right. The eastern abutment is Abutment 4 and is located nearest the Esplanade.

WATERWAY

The channel cross section was re-measured during this inspection. No significant changes from the previous cross section (measured in 2013) were observed.

SPECIAL INSPECTION INFORMATION

STEEL INVESTIGATION DETAILS - NOT APPLICABLE FOR THIS BRIDGE.

UNDERWATER INVESTIGATION DETAILS - NOT APPLICABLE FOR THIS BRIDGE.

DECK AND ROADWAY

DECK CROSS SECTION

1.08 ft br, 5 ft sw, 30 ft, 5 ft sw, 1.08 ft br

DECK GEOMETRY

(49)	LENGTH	41.1 M
(51)	NET WIDTH	9.1 M
(52)	TOTAL WIDTH	12.9 M
(50)	CURB OR SIDEWALK	LEFT 1.5 M RIGHT 1.5 M
(32)	APPROACH RDWY WIDTH	9.1 M
(33)	BRIDGE MEDIAN	0 NO MEDIAN

DECK STRUCTURE INFORMATION

(107)	DECK STRUCTURE TYPE	1-CIP CONCRETE
(108)	WEARING SURFACE / PROTECTIVE SYSTEM	
A)	TYPE OF WEARING SURFACE	0-NONE
B)	TYPE OF MEMBRANE	0-NONE
C)	TYPE OF DECK PROTECTION	0-NONE
	OVERLAY THICKNESS (inches)	0 inches
(29)	AVERAGE DAILY TRAFFIC	15000
(30)	YEAR OF ADT 2013	(109) TRUCK ADT % 10 %
(19)	BYPASS, DETOUR LENGTH	3 KM
(114)	FUTURE ADT	20403
(115)	YEAR OF FUTURE ADT	2041
(37)	HISTORICAL SIGNIFICANCE	2: ELIGIBLE FOR NRHP

DECK ROADWAY/OPERATIONAL INFORMATION

(42a)	TYPE OF SERVICE	5-HIGHWAY-PEDESTRIAN
(12)	BASE HIGHWAY NETWORK	0-NOT ON NET
(13)	LRS INVENTORY RTE & SUBRTE	
(104)	NATIONAL HIGHWAY SYSTEM	0-NOT ON NHS
(26)	FUNCTIONAL CLASS	16-MINOR ARTERIAL URBAN
(100)	DEFENSE HIGHWAY	0-NOT STRAHNET
(101)	PARALLEL STRUCTURE	N-NONE EXISTS
(102)	DIRECTION OF TRAFFIC	2-2 WAY
(10)	INVENTORY ROUTE MIN VERT CLEAR	99.99 M
(47)	INVENTORY ROUTE TOTAL HORIZ CLEAR	9.1 M
(68)	DECK GEOMETRY	3 INTOLERABLE - CORRECT
(72)	APPR ROADWAY ALIGN	8 EQUAL DESIRABLE CRIT
(105)	FEDERAL LANDS HWY	0-NOT APPLICABLE
(110)	DESIGNATED NATIONAL NETWORK	0-NOT ON NET
(20)	TOLL	3-ON FREE ROAD
(28a)	LANES	2
	SPEED	25
(103)	TEMPORARY STRUCTURE	N/A

DECK ELEMENT INSPECTION RATINGS AND NOTES

(58) DECK RATING = 4

Elem No.	Defect/ Prot	Defect	Element Description	Env	Total Qty	Units	Qty in each Condition State CS 1	CS 2	CS 3	CS 4
16			**Top Flange-RC**	2	524	sq.m	264	0	260	0
	1130		**Cracking (RC and Other)**	2	260		0	0	260	0

(16-1130) Cracking (RC and Other)

The bare concrete deck surface is weathered and abraded with random cracking throughout. The randomly oriented deck cracks are up to 0.125 inches in width at an average of 2 feet on center. See Photo #4 from 2019. A work recommendation to place a polyester concrete overlay on the deck was entered in 2011.

JOINT - APPROACH - RAIL

Item 3 C.

RAIL INFORMATION

(36a) Rail Code 0 (36b) Transition 0 (36c) Appr Guardrail 0 (36d) Appr Guardrail End 0 Roadway Speed 25 MPH

JOINT/APPROACH/RAIL ELEMENT INSPECTION RATINGS AND NOTES

Elem No.	Defect/ Prot	Defect	Element Description	Env	Total Qty	Units	Qty in each Condition State CS 1	CS 2	CS 3	CS 4
304			**Joint-Open Expansion**	2	27	m	0	27	0	0
	2350		**Debris Impaction (Joints)**	2	27		0	27	0	0

(304-2350) Debris Impaction (Joints)

The armored open joints at the abutments are filled with emulsion, dirt and debris. See Photo #6 from 2011. A work recommendation to clean out the joints has been entered.

Elem No.	Defect/ Prot	Defect	Element Description	Env	Total Qty	Units	Qty in each Condition State CS 1	CS 2	CS 3	CS 4
331			**Railing-RC**	4	82	m	70	0	12	0
	1080		**Delamination/Spall/Patched Area**	4	12		0	0	12	0

(331-1080) Delamination/Spall/Patched Area

The bridge rails have some areas of delamination and spalling greater than 6 inches in diameter with exposed corroded reinforcement. See Photo #5 from 2019. A work recommendation to patch the spalls was entered in 2001.

SUPERSTRUCTURE

SUPERSTRUCTURE ELEMENT INSPECTION RATINGS AND NOTES

(59) SUPERSTRUCTURE RATING = 5

Elem No.	Defect/ Prot	Defect	Element Description	Env	Total Qty	Units	Qty in each Condition State CS 1	CS 2	CS 3	CS 4
105			**Box Girder-RC**	3	41	m	0	41	0	0
	1130		**Cracking (RC and Other)**	3	41		0	41	0	0

(105) Box Girder-RC

The box girder soffit exhibits numerous previous patches, minor areas of thin cover, patchy scaliness with efflorescent staining that is co-located with the cracking detailed below.

(105-1130) Cracking (RC and Other)

The soffit in Span 1 has a longitudinal crack with efflorescence along the centerline, numerous previous patches and efflorescent staining.

The soffit in Span 2 has transverse cracking with black leachate near the midspan along the edge of deck on the left and right, a longitudinal crack with efflorescence along the centerline, and numerous previous patches. There are also several 5 foot long transverse cracks at the crown of the soffit.

The soffit in Span 3 has a longitudinal crack with efflorescence along the centerline continuing down the face of Pier Wall 3.

No substantial changes were noted to the superstructure since the last routine inspection. See Photos #8 to #10 from 2011.

All cracks described in this defect are between 0.012 and 0.05 inches in width.

SUBSTRUCTURE

DESCRIPTION UNDER STRUCTURE

(42b) TYPE OF SERVICE UNDER	5-WATERWAY	(38) NAVIGATION CONTROL	0: NO CONTROL
(69) UNDERCLEARANCES V - H	N NOT APPLICABLE (NBI)	(111) PIER PROTECTION	**N/A**
(71) WATER ADEQUACY	7 ABOVE MINIMUM	(39) NAVIGATION VERTICAL CLEARANCE	0.0 M
(61) CHANNEL PROTECTION	8 PROTECTED	(116) VERT-LIFT BRIDGE NAV MIN VERTICAL CLEAR	M
(113) SCOUR	5 STABLE W/IN FOOTING	(40) NAVIGATION HORIZONTAL CLEARANCE	0.0 M
SCOUR POA DATE	N/A		

CHANNEL DESCRIPTION

Sandy beach outlet, tidal influence

SUBSTRUCTURE ELEMENT INSPECTION RATINGS AND NOTES

(60) SUBSTRUCTURE RATING = 5

Elem	Defect/	Element Description	Env	Total	Units	Qty in each Condition State

Item 3 C.

SUBSTRUCTURE

SUBSTRUCTURE ELEMENT INSPECTION RATINGS AND NOTES

(60) SUBSTRUCTURE RATING = 5

Elem No.	Defect/ Prot	Defect	Element Description	Env	Total Qty	Units	Qty in each Condition State CS 1	CS 2	CS 3	CS 4
210			**Pier Wall-RC**	3	26	m	10	16	0	0
	1080		**Delamination/Spall/Patched Area**	3	3		0	3	0	0
	1130		**Cracking (RC and Other)**	3	13		0	13	0	0

(210-1080) Delamination/Spall/Patched Area

The pier walls have occasional sound patches.

(210-1130) Cracking (RC and Other)

The pier walls have occasional random cracks with cracks sizes generally under 0.05 inches in width.

Elem No.	Defect/ Prot	Defect	Element Description	Env	Total Qty	Units	Qty in each Condition State CS 1	CS 2	CS 3	CS 4
215			**Abutment-RC**	3	27	m	11	16	0	0
	1080		**Delamination/Spall/Patched Area**	3	2		0	2	0	0
	1130		**Cracking (RC and Other)**	3	14		0	14	0	0

(215) Abutment-RC

This element represents the vertical diaphragms attached the ends of the cantilevered end spans.

Wingwalls are not integral to the abutment and are not included in this quantity.

(215-1080) Delamination/Spall/Patched Area

The abutments have occasional sound patches.

(215-1130) Cracking (RC and Other)

The abutment faces have occasional random cracks with crack sizes generally under 0.05 inches in width.

Elem No.	Defect/ Prot	Defect	Element Description	Env	Total Qty	Units	Qty in each Condition State CS 1	CS 2	CS 3	CS 4
228			**Pile-Timber**	4	1	ea.	1	0	0	0

(228) Pile-Timber

The pile element is included to indicate the presence of piles on this structure. The piles were not exposed for visual inspection. No indication of pile distress was noted in any substructure element.

Elem No.	Defect/ Prot	Defect	Element Description	Env	Total Qty	Units	Qty in each Condition State CS 1	CS 2	CS 3	CS 4
256			**Slope Protection**	2	1	ea.	1	0	0	0

(256) Slope Protection

There were no significant defects noted.

CHANNEL X-SECTION

Side Upstream
X-Section Date 09/17/2021
Measured From Top of RC Rail (left side)

Location	Horiz(m)	Vert(m)	Comments
Face of Abutment 1	0.00	6.32	
Mid Span 1	3.95	7.10	
Pier 2	7.92	7.48	Span 2 Side
Mid Span 2	21.05	7.04	
Pier 3	33.80	6.48	Span 2 Side
Mid Span 3	37.95	6.00	
Face of Abutment 4	42.10	3.90	Paved shore

Item 3 C.

OTHER PHOTOGRAPHS



Photo 1
Routine Map View

WORK RECOMMENDATIONS

DECK WORK RECOMMENDATIONS

Rec Date	10/05/2011	Work By	LOCAL AGENCY	Est Cost		Dist Target
Status	PROPOSED	Action	Deck-Place Overlay	Str Target	2 YEARS	EA

Place a polyester concrete overlay on the deck.

JOINT/APPR/RAIL WORK RECOMMENDATIONS

Rec Date	09/25/2019	Work By	LOCAL AGENCY	Est Cost		Dist Target
Status	PROPOSED	Action	Joints-Repair/Clean	Str Target	2 YEARS	EA

Clean the dirt and debris out of the joints at the abutments.

Rec Date	05/02/2001	Work By	LOCAL AGENCY	Est Cost		Dist Target
Status	PROPOSED	Action	Railing-Repair	Str Target	2 YEARS	EA

Clean and patch the delaminations and the spalls on the bridge rail.

SUPERSTRUCTURE WORK RECOMMENDATIONS - NONE

SUBSTRUCTURE WORK RECOMMENDATIONS - NONE

OTHER WORK RECOMMENDATIONS - NONE

DEPARTMENT OF TRANSPORTATION
Structure Maintenance & Investigations

Bridge Number : 36C0110
Facility Carried: STOCKTON AVE
Location : AT THE ESPLANADE
City : CAPITOLA
Inspection Date : 09/25/2019

Bridge Inspection Report

Inspection Type

Routine	FC	Underwater	Special	Other
X				

STRUCTURE NAME: SOQUEL CREEK

CONSTRUCTION INFORMATION

Year Built : 1934
Year Modified: N/A
Length (m) : 41.1

Skew (degrees): 0
No. of Joints : 2
No. of Hinges : 0

Structure Description: 3 span, continuous parabolic RC (7 cell) box girder on RC pier walls and RC diaphragm abutments with non-monolithic wingwalls, all founded on RC pile caps and timber piles

Span Configuration : 1 @ 25 ft, 1 @ 85 ft, 1 @ 25 ft

SAFE LOAD CAPACITY AND RATINGS

Design Live Load: UNKNOWN
Inventory Rating: RF=1.01 =>32.7 metric tons Calculation Method: LOAD FACTOR
Operating Rating: RF=1.68 =>54.4 metric tons Calculation Method: LOAD FACTOR
Permit Rating : PPPPP
Posting Load : Type 3: Legal Type 3S2: Legal Type 3-3: Legal

DESCRIPTION ON STRUCTURE

Deck X-Section: 1.08 ft br, 5 ft sw, 30 ft, 5 ft sw, 1.08 ft br
Total Width: 12.9 m Net Width: 9.1 m No. of Lanes: 2 Speed: 25 mph
Min. Vertical Clearance: Unimpaired Overlay Thickness: 0.0 inches
Rail Code: 0000

DESCRIPTION UNDER STRUCTURE

Channel Description: Sandy beach outlet, tidal influence

NOTICE

The bridge inspection condition assessment used for this inspection is based on the American Association of State Highway and Transportation Officials (AASHTO) Bridge Element Inspection Manual 2013 as defined in Moving Ahead for Progress in the 21st Century (MAP-21) federal law. The new element inspection methodology may result in changes to related condition and appraisal ratings on the bridge without significant physical changes at the bridge.

The element condition information contained in this report represents the current condition of the bridge based on the most recent routine and special inspections. Some of the notes presented below may be from an inspection that occurred prior to the date noted in this report. Refer to the Scope and Access section of this inspection report for a description of which portions of the bridge were inspected on this date.

INSPECTION COMMENTARY

SCOPE AND ACCESS

This bridge was accessed by foot on and around the abutments. During this inspection, Soquel Creek was bermed up just downstream from the bridge and was not flowing freely into the ocean or tidally. The water in the creek was as deep as 8 feet at Pier 2. During the last several inspections the creek levels were substantially lower at 3 to 4 feet deep and wading and probing has been possible (most recently in 2016). No scour has been historically noted and the channel section was spot checked along the left and right bridge rails with no significant changes noted compared to the 2013 channel cross

INSPECTION COMMENTARY

section. Those areas of the superstructure, substructure and soffit usually inspected while wading were adequately seen from the banks of the creek with the aid of binoculars or through clear water. All elements were fully inspected.

NUMBERING CONVENTION

This structure alignment is east and west. The western abutment is Abutment 1 and is located nearest to the Venetian Court with the ocean on the right. The eastern abutment is Abutment 4 and is located nearest the Esplanade.

SAFE LOAD CAPACITY

A Load Rating Summary Sheet dated 9/04/2019 is on file for this structure. While this report does not include a check of that analysis, it does verify that the structural conditions observed during this inspection are consistent with those assumed in that analysis. The current rating is based on LFD hand calculations and BDS computer output dated 9/03/2019.

ELEMENT INSPECTION RATINGS AND COMMENTARY

Elem No.	Defect /Prot	Defect	Element Description	Env	Total Qty	Units	Qty in each Condition State St. 1	St. 2	St. 3	St. 4
16			**Top Flange-RC**	2	524	sq.m	264	0	260	0
	1130		**Cracking (RC and Other)**	2	260		0	0	260	0

(16-1130)
The bare concrete deck surface is weathered and abraded with random cracking throughout. The randomly oriented deck cracks are up to 0.125 inches in crack width at an average of 2 feet on center. See Photo #4. A work recommendation to place a polyester concrete overlay on the deck was entered in 2011.

105			**Box Girder-RC**	3	41	m	0	41	0	0
	1130		**Cracking (RC and Other)**	3	41		0	41	0	0

(105)
The box girder soffit exhibits numerous previous patches, minor areas of thin cover, patchy scaliness with efflorescent staining that is co-located with the cracking detailed below.

(105-1130)
The soffit in Span 1 has a longitudinal crack with efflorescence along the centerline, numerous previous patches and efflorescent staining.

The soffit in Span 2 has transverse cracking with black leachate near the midspan along the edge of deck on the left and right, a longitudinal crack with efflorescence along the centerline, and numerous previous patches. There are also several 5 foot long transverse cracks at the crown of the soffit.

The soffit in Span 3 has a longitudinal crack with efflorescence along the centerline continuing down the face of Pier Wall 3.

No substantial changes were noted to the superstructure since the last routine inspection. See Photos #8 to #10 from 2011.

All cracks described in this defect are between 0.012 and 0.05 inches in width.

210			**Pier Wall-RC**	3	26	m	10	16	0	0

ELEMENT INSPECTION RATINGS AND COMMENTARY

Elem No.	Defect /Prot	Defect	Element Description	Env	Total Qty	Units	Qty in each Condition State St. 1	St. 2	St. 3	St. 4
	1080		Delamination/Spall/Patched Area	3	3		0	3	0	0
	1130		Cracking (RC and Other)	3	13		0	13	0	0

(210-1080)
The pier walls have occasional sound patches.

(210-1130)
The pier walls have occasional random cracks with cracks sizes generally under 0.05 inches in width.

215			Abutment-RC	3	27	m	11	16	0	0
	1080		Delamination/Spall/Patched Area	3	2		0	2	0	0
	1130		Cracking (RC and Other)	3	14		0	14	0	0

(215)
Wingwalls are not integral to the abutment and are not included in this quantity.

(215-1080)
The abutments have occasional sound patches.

(215-1130)
The abutment faces have occasional random cracks with crack sizes generally under 0.05 inches in width.

228			Pile-Timber	4	1	ea.	1	0	0	0

(228)
The pile element is included to indicate the presence of piles on this structure. The piles were not exposed for visual inspection. No indication of pile distress was noted in any substructure element.

256			Slope Protection	2	1	ea.	1	0	0	0

(256)
There were no significant defects noted.

304			Joint-Open Expansion	2	27	m	0	27	0	0
	2350		Debris Impaction (Joints)	2	27		0	27	0	0

(304-2350)
The armored open joints at the abutments are filled with emulsion, dirt and debris. See Photo #6 from 2011. A work recommendation to clean out the joints has been entered.

331			Railing-RC	4	96	m	84	0	12	0
	1080		Delamination/Spall/Patched Area	4	12		0	0	12	0

(331-1080)
The bridge rails have some areas of delamination and spalling greater than 6 inches in diameter with exposed corroded reinforcement. See Photo #5. A work recommendation to patch the spalls was entered in 2001.

WORK RECOMMENDATIONS

RecDate: 09/25/2019
Action : Joints-Repair/Clean
Work By: LOCAL AGENCY
Status : PROPOSED

EstCost:
StrTarget: 2 YEARS
DistTarget:
EA:

Clean the dirt and debris out of the joints at the abutments.

WORK RECOMMENDATIONS

RecDate: 10/05/2011	EstCost:		Place a polyester concrete overlay on the deck.
Action : Deck-Place Overlay	StrTarget:	2 YEARS	
Work By: LOCAL AGENCY	DistTarget:		
Status : PROPOSED	EA:		

RecDate: 05/02/2001	EstCost:		Clean and patch the delaminations and the spalls on the bridge rail.
Action : Railing-Repair	StrTarget:	2 YEARS	
Work By: LOCAL AGENCY	DistTarget:		
Status : PROPOSED	EA:		

Team Leader : Shawn Hart

Report Author : Shawn Hart

Inspected By : S.Hart/KJ.Shurbert

3/9/20

Shawn Hart (Registered Civil Engineer) (Date)



STRUCTURE INVENTORY AND APPRAISAL REPORT

********** IDENTIFICATION **********

(1)	STATE NAME- CALIFORNIA	069
(8)	STRUCTURE NUMBER	**36C0110**
(5)	INVENTORY ROUTE(ON/UNDER)- ON	150000000
(2)	HIGHWAY AGENCY DISTRICT	05
(3)	COUNTY CODE 087 (4) PLACE CODE	11040
(6)	FEATURE INTERSECTED-	SOQUEL CREEK
(7)	FACILITY CARRIED-	STOCKTON AVE
(9)	LOCATION-	AT THE ESPLANADE
(11)	MILEPOINT/KILOMETERPOINT	0
(12)	BASE HIGHWAY NETWORK- NOT ON NET	0
(13)	LRS INVENTORY ROUTE & SUBROUTE	
(16)	LATITUDE	36 DEG 58 MIN 20.27 SEC
(17)	LONGITUDE	121 DEG 57 MIN 11.45 SEC
(98)	BORDER BRIDGE STATE CODE % SHARE	%
(99)	BORDER BRIDGE STRUCTURE NUMBER	

******** STRUCTURE TYPE AND MATERIAL *********

(43)	STRUCTURE TYPE MAIN:MATERIAL- CONCRETE CONT	
	TYPE- BOX BEAM OR GIRDER - MULTI CODE	205
(44)	STRUCTURE TYPE APPR:MATERIAL- OTHER/NA	
	TYPE- OTHER/NA CODE	000
(45)	NUMBER OF SPANS IN MAIN UNIT	3
(46)	NUMBER OF APPROACH SPANS	0
(107)	DECK STRUCTURE TYPE- CIP CONCRETE CODE	1
(108)	WEARING SURFACE / PROTECTIVE SYSTEM:	
A)	TYPE OF WEARING SURFACE- NONE CODE	0
B)	TYPE OF MEMBRANE- NONE CODE	0
C)	TYPE OF DECK PROTECTION- NONE CODE	0

********** AGE AND SERVICE **********

(27)	YEAR BUILT	1934
(106)	YEAR RECONSTRUCTED	0000
(42)	TYPE OF SERVICE: ON- HIGHWAY-PEDESTRIAN	5
	UNDER- WATERWAY	5
(28)	LANES:ON STRUCTURE 02 UNDER STRUCTURE	00
(29)	AVERAGE DAILY TRAFFIC	15000
(30)	YEAR OF ADT 2013 (109) TRUCK ADT	10 %
(19)	BYPASS, DETOUR LENGTH	3 KM

********** GEOMETRIC DATA **********

(48)	LENGTH OF MAXIMUM SPAN	25.9 M
(49)	STRUCTURE LENGTH	41.1 M
(50)	CURB OR SIDEWALK: LEFT 1.5 M	RIGHT 1.5 M
(51)	BRIDGE ROADWAY WIDTH CURB TO CURB	9.1 M
(52)	DECK WIDTH OUT TO OUT	12.9 M
(32)	APPROACH ROADWAY WIDTH (W/SHOULDERS)	9.1 M
(33)	BRIDGE MEDIAN- NO MEDIAN	0
(34)	SKEW 0 DEG (35) STRUCTURE FLARED	NO
(10)	INVENTORY ROUTE MIN VERT CLEAR	99.99 M
(47)	INVENTORY ROUTE TOTAL HORIZ CLEAR	9.1 M
(53)	MIN VERT CLEAR OVER BRIDGE RDWY	99.99 M
(54)	MIN VERT UNDERCLEAR REF- NOT H/RR	0.00 M
(55)	MIN LAT UNDERCLEAR RT REF- NOT H/RR	0.0 M
(56)	MIN LAT UNDERCLEAR LT	0.0 M

********** NAVIGATION DATA **********

(38)	NAVIGATION CONTROL- NO CONTROL CODE	0
(111)	PIER PROTECTION- CODE	
(39)	NAVIGATION VERTICAL CLEARANCE	0.0 M
(116)	VERT-LIFT BRIDGE NAV MIN VERT CLEAR	M
(40)	NAVIGATION HORIZONTAL CLEARANCE	0.0 M

****

SUFFICIENCY RATING = 60.6

PAINT CONDITION INDEX = N/A

********** CLASSIFICATION ********** CODE

(112)	NBIS BRIDGE LENGTH- YES	Y
(104)	HIGHWAY SYSTEM- NOT ON NHS	0
(26)	FUNCTIONAL CLASS- MINOR ARTERIAL URBAN	16
(100)	DEFENSE HIGHWAY- NOT STRAHNET	0
(101)	PARALLEL STRUCTURE- NONE EXISTS	N
(102)	DIRECTION OF TRAFFIC- 2 WAY	2
(103)	TEMPORARY STRUCTURE-	
(105)	FED.LANDS HWY- NOT APPLICABLE	0
(110)	DESIGNATED NATIONAL NETWORK - NOT ON NET	0
(20)	TOLL- ON FREE ROAD	3
(21)	MAINTAIN- CITY OR MUNICIPAL HIGHWAY AGENCY	04
(22)	OWNER- CITY OR MUNICIPAL HIGHWAY AGENCY	04
(37)	HISTORICAL SIGNIFICANCE- ELIGIBLE	2

********** CONDITION ********** CODE

(58)	DECK	4
(59)	SUPERSTRUCTURE	5
(60)	SUBSTRUCTURE	5
(61)	CHANNEL & CHANNEL PROTECTION	8
(62)	CULVERTS	N

********* LOAD RATING AND POSTING ********* CODE

(31)	DESIGN LOAD- UNKNOWN	0
(63)	OPERATING RATING METHOD- LOAD FACTOR	1
(64)	OPERATING RATING-	54.4
(65)	INVENTORY RATING METHOD- LOAD FACTOR	1
(66)	INVENTORY RATING-	32.7
(70)	BRIDGE POSTING- EQUAL TO OR ABOVE LEGAL LOADS	5
(41)	STRUCTURE OPEN, POSTED OR CLOSED-	A
	DESCRIPTION- OPEN, NO RESTRICTION	

********** APPRAISAL ********** CODE

(67)	STRUCTURAL EVALUATION	5
(68)	DECK GEOMETRY	3
(69)	UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(71)	WATER ADEQUACY	7
(72)	APPROACH ROADWAY ALIGNMENT	8
(36)	TRAFFIC SAFETY FEATURES	0000
(113)	SCOUR CRITICAL BRIDGES	5

********** PROPOSED IMPROVEMENTS **********

(75)	TYPE OF WORK-	CODE
(76)	LENGTH OF STRUCTURE IMPROVEMENT	M
(94)	BRIDGE IMPROVEMENT COST	
(95)	ROADWAY IMPROVEMENT COST	
(96)	TOTAL PROJECT COST	
(97)	YEAR OF IMPROVEMENT COST ESTIMATE	
(114)	FUTURE ADT	20403
(115)	YEAR OF FUTURE ADT	2041

********** INSPECTIONS **********

(90)	INSPECTION DATE 09/19	(91) FREQUENCY	24	MO	
(92)	CRITICAL FEATURE INSPECTION:		(93) CFI DATE		
A)	FRACTURE CRIT DETAIL-	NO	MO	A)	
B)	UNDERWATER INSP-	NO	MO	B)	04/96
C)	OTHER SPECIAL INSP-	NO	MO	C)	

101 - Routine-Elevation View



Photo #1
Looking North

100 - Routine-Roadway View



Photo #2
Looking East





Photo #4
Deck Cracking (typ)



Photo #5
Bridge Rail Condition (typ)

Structure Maintenance & Investigations

Load Rating Summary Sheet

Bridge Number: 36C0110
Facility Carried: STOCKTON AVE
Location: AT THE ESPLANADE
City: CAPITOLA

Item 3 C.

Bridge Name: SOQUEL CREEK
Structural Element Rated: THREE SPAN CONTINUOUS REINFORCED CONCRETE (RC) BOX GIRDER

Rating Summary

DESIGN LOADING	Rating Factor	Metric Tons	Critical Location: Structure	Control Element	Load Action	Location
Inventory:	1.01	32.7	Span 1-3	Box Girder	Ultimate Moment	PM; At 0.50 pt of Span 2
Operating:	1.68	54.4	Span 1-3	Box Girder	Ultimate Moment	PM; At 0.50 pt of Span 2

LEGAL RATING	Rating Factor	Posting U.S. Tons	Critical Location: Structure	Control Element	Load Action	Location
Type 3 (25T):	2.14	Legal	Span 1-3	Box Girder	Ultimate Moment	PM; At 0.50 pt of Span 2
Type 3S2 (36T):	2.16	Legal	Span 1-3	Box Girder	Ultimate Moment	PM; At 0.50 pt of Span 2
Type 3-3 (40T):	2.47	Legal	Span 1-3	Box Girder	Ultimate Moment	PM; At 0.50 pt of Span 2

PERMIT RATING	Rating Factor	Permit Rating	Critical Location: Structure	Control Element	Load Action	Location
5 Axle Truck :	1.21	P	Span 1-3	Box Girder	Ultimate Moment	PM; At 0.50 pt of Span 2
7 Axle Truck :	1.12	P	Span 1-3	Box Girder	Ultimate Moment	PM; At 0.50 pt of Span 2
9 Axle Truck :	1.09	P	Span 1-3	Box Girder	Ultimate Moment	PM; At 0.50 pt of Span 2
11 Axle Truck:	1.09	P	Span 1-3	Box Girder	Ultimate Moment	PM; At 0.50 pt of Span 2
13 Axle Truck:	1.09	P	Span 1-3	Box Girder	Ultimate Moment	PM; At 0.50 pt of Span 2

NOTES:

Ratings for the bridge superstructure was established by utilizing the influence lines generated at critical locations based on the Load Factor Rating (LFR) analysis of the Bridge Design Software (BDS) in April of 1979. No changes to the dead load were made since 1979; therefore, no adjustments to the dead load demands were made in the analysis.

Rating Factors based on Positive moment are 1.21, 1.12, 1.09, 1.09, 1.09 for P5(48)-P13(48) split axle trucks, respectively.

The load rating is based on the existing bridge geometry and roadway configuration. Modification to the structure (such as bridge rail modification or widening) may require a new load rating.

Overlay Used In Rating: None

Rating Method: 1 LF Load Factor (Inventory (65)); 1 LF Load Factor (Operating (63))

Analysis Tool Used: BDS, Hand Calcs (LRE)

Rating/File Location: Rating Branch Server

Control Rating By: Bourlien Wong Rating Date: 09/03/2019

Rating Checked By: Diya Azzam 9/9/19

Rating Type: Calculated

Summary Prepared By: Bourlien Wong Summary Date: 09/04/2019

REGISTERED PROFESSIONAL ENGINEER
Bourlien Wong
No. 60604
12/31/2020
CIVIL
STATE OF CALIFORNIA

Bourlien Wong - Registered Engineer 9/9/19 Date

Structure Maintenance

Load Rating Summary Sheet

Bridge Number: 36C0110
Facility Carried: STOCKTON AVE
Location: AT THE ESPLANADE
City: CAPITOLA

Item 3 C.

HISTORY (36C0110)
The structure was built in 1934 and was designed for an unknown live load. Legible as-built plans are available in BIRIS. The bridge was previously load rated in 1979 using the Bridge Design Software (BDS), by Load Factor Method (LFR) using moment demands from HS20 and Permit loads.

STRUCTURE DESCRIPTION
This structure is a three span continuous Reinforced Concrete (RC) Box Girder.

SCOPE OF WORK
Ratings for the bridge superstructure was established by utilizing the influence lines (IFL) generated at critical locations based on the 1979 BDS LFR moment only analysis. The substructures were not evaluated. No changes to the dead load were made since 1979; therefore, no adjustments to the dead load demands were made in the analysis.

RATING ANALYSIS

GENERAL: The 1934 portion was rated for longitudinal moment using IFL based on the 1979 BDS output. The justification for the use of BDS output is based on the 2017 independent study validating the BDS results. The reported load rating also includes the evaluation of bridge specific field inspection reports verifying that the conditions do not warrant reduction of the superstructure capacity. These ratings supersede all previous rating analyses.

MODELING ASSUMPTIONS AND ENGINEERING JUDGEMENT:
Moment demands for all legal and permit trucks were established by moving the trucks from one end to the other end of the bridge and utilizing IFL based on the BDS output.

ASSUMPTIONS TO BE FIELD VERIFIED:
Existing structural conditions were assumed per BIR dated 09/01/2015.

MATERIALS: The material strengths used in the BDS analysis were as follows:
RC Concrete: F'c= 2.50 ksi and Reinforcing Steel: Fy= 33 ksi

DEAD LOADS: concrete baluster on both sides of the structure. No other appurtenances or overlay were considered in the analysis.

LIVE LOADS: Caltrans specified P5 to P13, 48-kip split-axle (24 kips/axle) permit truck configuration was used in the analysis.

RATING SUMMARY: The controlling rating factors can be found on the first page of this LRSS.

REVISED LOAD RATINGS:
The NBI Operating and Inventory Rating Methods (Item Codes 63 and 65) remain as 1 (LF Load Factor). The Operating and Inventory Ratings (item codes 64 and 66) remain as 54.4 and 32.7 metric tons, respectively, utilizing the HS20 load case. Permit ratings also remain as PPPPP (for P5 to P13 truck configuration).

All assumptions to be field verified listed above, along with the overall condition of the structure, must be verified where possible and documented in a routine Bridge Inspection Report for this load rating to be valid and to meet FHWA requirements.

DEPARTMENT OF TRANSPORTATION
Structure Maintenance & Investigations

Bridge Number : 36C0110
Facility Carried: STOCKTON AVE
Location : AT THE ESPLANADE
City : CAPITOLA
Inspection Date : 09/01/2015
Inspection Type
Routine FC Underwater Special Other
X

Bridge Inspection Report

STRUCTURE NAME: SOQUEL CREEK

CONSTRUCTION INFORMATION

Year Built : 1934
Year Widened: N/A
Length (m) : 41
Skew (degrees): 0
No. of Joints : 2
No. of Hinges : 0

Structure Description: 3 span, continuous parabolic RC (7 cell) box girder on RC pier walls and RC diaphragm abutments all RC pile caps and timber piles

Span Configuration :1 @ 25 ft, 1 @ 85 ft, 1 @ 25 ft

SAFE LOAD CAPACITY AND RATINGS

Design Live Load: UNKNOWN
Inventory Rating: RF=1.01 =>32.7 metric tons Calculation Method: LOAD FACTOR
Operating Rating: RF=1.68 =>54.4 metric tons Calculation Method: LOAD FACTOR
Permit Rating : PPPPP
Posting Load : Type 3: Legal Type 3S2: Legal Type 3-3: Legal

DESCRIPTION ON STRUCTURE

Deck X-Section: 1 ft 1 in br, 5 ft sw, 30 ft, 5 ft sw, 1 ft 1 in br
Total Width: 12.8 m Net Width: 9.1 m No. of Lanes: 2 Speed: 25 mph
Min. Vertical Clearance: Unimpaired Overlay Thickness: 0.0 Inches
Rail Code: 0000

Rail Type	Location	Length (ft)	Rail Modifications
Concrete Baluster	Right/Left	314	

DESCRIPTION UNDER STRUCTURE

Channel Description: Sandy beach outlet, tidal influence

NOTICE

The bridge inspection condition assessment used for this inspection is based on the American Association of State Highway and Transportation Officials (AASHTO) Bridge Element Inspection Manual 2013 as defined in Moving Ahead for Progress in the 21st Century (MAP-21) federal law. The new element inspection methodology may result in changes to related condition and appraisal ratings on the bridge without significant physical changes at the bridge.

The element condition information contained in this report represents the current condition of the bridge based on the most recent routine and special inspections. Some of the notes presented below may be from an inspection that occurred prior to the date noted in this report. Refer to the Scope and Access section of this inspection report for a description of which portions of the bridge were inspected on this date.

INSPECTION COMMENTARY

SCOPE AND ACCESS
This bridge was accessed by foot on and around the abutments. During this inspection, Soquel Creek was bermed up just downstream from the bridge and was not flowing freely into the ocean or tidally. The water in the creek was as deep as 8 feet at Bent 2. During the last several inspections the creek levels were substantially lower at 3 to 4 feet deep and wading and probing has been possible. No scour has been historically noted and the channel section was measured along the left and right bridge rails with no

INSPECTION COMMENTARY

significant changes noted compared to the 2013 channel cross section. Those areas of the superstructure, substructure and soffit usually inspected while wading were adequately seen from the banks of the creek with the aid of binoculars or thorough clearish water. All elements were fully inspected.

NUMBERING CONVENTION
This structure alignment is east and west. The western abutment is Abutment 1 and is located nearest to the Venetian Court with the ocean on the right. The eastern abutment is Abutment 4 and is located nearest the Esplanade.

SAFE LOAD CAPACITY
A Load Rating Summary Sheet dated 11/16/2009 is on file for this structure. While this report does not include a check of that analysis, it does verify that the structural conditions observed during this inspection are consistent with those assumed in that analysis. The current rating is based on BDS computer output dated 4/16/1979.

WATERWAY
Minor debris was on the upstream nose of Pier 3. No scour was noted on the upstream or downstream side of either pier.

ELEMENT INSPECTION RATINGS AND NOTES

Elem No.	Defect /Prot	Defect	Element Description	Env	Total Qty	Units	Qty in each Condition State St. 1	St. 2	St. 3	St. 4
16			**Top Flange-RC**	2	524	sq.m	264	0	260	0
	1130		**Cracking (RC and Other)**	2	260		0	0	260	0

(16-1130)
The bare concrete deck surface is weathered and abraded with random cracking throughout. The randomly oriented deck cracks are up to 1/8 of an inch in crack width at 1 to 3 feet on center.

105			**Box Girder-RC**	3	41	m	0	41	0	0
	1130		**Cracking (RC and Other)**	3	41		0	41	0	0

(105)
Overall, the superstructure soffit of the bridge has numerous previous patches, minor areas of thin cover, patchy scaliness with efflorescent staining and some cracking as detailed below.

(105-1130)
The soffit in Span 1 has a longitudinal crack with efflorescence along the centerline, numerous previous patches and efflorescent staining.

The soffit in Span 2 has transverse cracking with black leachate near the midspan along the edge of deck on the left and right, a longitudinal crack with efflorescence along the centerline, and numerous previous patches. There are also several 5 foot long transverse cracks at the crown of the soffit.

The soffit in Span 3 has a longitudinal crack with efflorescence along the centerline continuing down the face of Pier Wall 3.

No substantial changes were noted to the superstructure from 2013. See Photos No. 8 to 10 from 2011.

210			**Pier Wall-RC**	3	26	m	13	13	0	0
	1130		**Cracking (RC and Other)**	3	13		0	13	0	0

(210-1130)
The pier walls have occasional patches and random cracks with cracks sizes generally under 1/16 of an inch in width.

ELEMENT INSPECTION RATINGS AND NOTES

Elem No.	Defect /Prot	Defect	Element Description	Env	Total Qty	Units	Qty in each Condition State St. 1	St. 2	St. 3	St. 4
215			**Abutment-RC**	3	27	m	13	14	0	0
	1130		**Cracking (RC and Other)**	3	14		0	14	0	0

(215-1130)
The abutment faces have occasional patches and random cracks with crack sizes generally under 1/16 of an inch in width.

228			**Pile-Timber**	4	1	ea.	1	0	0	0

(228)
The pile element is included to indicate the presence of piles on this structure. The piles were not exposed for visual inspection. No indication of pile distress was noted in any substructure element.

256			**Slope Protection**	2	1	ea.	1	0	0	0

(256)
There were no significant defects noted.

304			**Joint-Open Expansion**	2	27	m	27	0	0	0

(304)
The armored open joints at the abutments are filled with emulsion, dirt and debris.

331			**Railing-RC**	4	96	m	84	0	12	0
	1080		**Delamination/Spall/Patched Area**	4	12		0	0	12	0

(331-1080)
The bridge rails have some areas of delamination and spalling with exposed corroded reinforcement.

WORK RECOMMENDATIONS

RecDate: 10/05/2011
Action : Deck-Place Overlay
Work By: LOCAL AGENCY
Status : PROPOSED
EstCost:
StrTarget: 2 YEARS
DistTarget:
EA:
Place a polyester overlay.
Clean and/or replace the joints during the contract.

RecDate: 05/02/2001
Action : Railing-Repair
Work By: LOCAL AGENCY
Status : PROPOSED
EstCost:
StrTarget: 2 YEARS
DistTarget:
EA:
Clean and patch the delaminations and the spalls on the bridge rail.

Team Leader : Daniel Zuhlke
Report Author : Daniel Zuhlke
Inspected By : D.Zuhlke

9/22/2015
Daniel Zuhlke (Registered Civil Engineer) (Date)



STRUCTURE INVENTORY AND APPRAISAL REPORT

********** IDENTIFICATION **********

(1) STATE NAME- CALIFORNIA 069
(8) STRUCTURE NUMBER **36C0110**
(5) INVENTORY ROUTE(ON/UNDER)- ON 150000000
(2) HIGHWAY AGENCY DISTRICT 05
(3) COUNTY CODE 087 (4) PLACE CODE 11040
(6) FEATURE INTERSECTED- SOQUEL CREEK
(7) FACILITY CARRIED- STOCKTON AVE
(9) LOCATION- AT THE ESPLANADE
(11) MILEPOINT/KILOMETERPOINT 0
(12) BASE HIGHWAY NETWORK- NOT ON NET 0
(13) LRS INVENTORY ROUTE & SUBROUTE
(16) LATITUDE 36 DEG 58 MIN 20.27 SEC
(17) LONGITUDE 121 DEG 57 MIN 11.45 SEC
(98) BORDER BRIDGE STATE CODE % SHARE %
(99) BORDER BRIDGE STRUCTURE NUMBER

******** STRUCTURE TYPE AND MATERIAL *********

(43) STRUCTURE TYPE MAIN:MATERIAL- CONCRETE CONT
TYPE- BOX BEAM OR GIRDER - MULTI CODE 205
(44) STRUCTURE TYPE APPR:MATERIAL- OTHER/NA
TYPE- OTHER/NA CODE 000
(45) NUMBER OF SPANS IN MAIN UNIT 3
(46) NUMBER OF APPROACH SPANS 0
(107) DECK STRUCTURE TYPE- CIP CONCRETE CODE 1
(108) WEARING SURFACE / PROTECTIVE SYSTEM:
A) TYPE OF WEARING SURFACE- NONE CODE 0
B) TYPE OF MEMBRANE- NONE CODE 0
C) TYPE OF DECK PROTECTION- NONE CODE 0

********** AGE AND SERVICE **********

(27) YEAR BUILT 1934
(106) YEAR RECONSTRUCTED 0000
(42) TYPE OF SERVICE: ON- HIGHWAY-PEDESTRIAN 5
UNDER- WATERWAY 5
(28) LANES:ON STRUCTURE 02 UNDER STRUCTURE 00
(29) AVERAGE DAILY TRAFFIC 15000
(30) YEAR OF ADT 2013 (109) TRUCK ADT 10 %
(19) BYPASS, DETOUR LENGTH 3 KM

********** GEOMETRIC DATA **********

(48) LENGTH OF MAXIMUM SPAN 25.9 M
(49) STRUCTURE LENGTH 41.0 M
(50) CURB OR SIDEWALK: LEFT 1.5 M RIGHT 1.5 M
(51) BRIDGE ROADWAY WIDTH CURB TO CURB 9.1 M
(52) DECK WIDTH OUT TO OUT 12.8 M
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS) 9.1 M
(33) BRIDGE MEDIAN- NO MEDIAN 0
(34) SKEW 0 DEG (35) STRUCTURE FLARED NO
(10) INVENTORY ROUTE MIN VERT CLEAR 99.99 M
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR 9.1 M
(53) MIN VERT CLEAR OVER BRIDGE RDWY 99.99 M
(54) MIN VERT UNDERCLEAR REF- NOT H/RR 0.00 M
(55) MIN LAT UNDERCLEAR RT REF- NOT H/RR 0.0 M
(56) MIN LAT UNDERCLEAR LT 0.0 M

********** NAVIGATION DATA **********

(38) NAVIGATION CONTROL- NO CONTROL CODE 0
(111) PIER PROTECTION- CODE
(39) NAVIGATION VERTICAL CLEARANCE 0.0 M
(116) VERT-LIFT BRIDGE NAV MIN VERT CLEAR M
(40) NAVIGATION HORIZONTAL CLEARANCE 0.0 M

****

SUFFICIENCY RATING = 75.3
STATUS
HEALTH INDEX 70.1
PAINT CONDITION INDEX = N/A

********** CLASSIFICATION ********** CODE

(112) NBIS BRIDGE LENGTH- YES Y
(104) HIGHWAY SYSTEM- NOT ON NHS 0
(26) FUNCTIONAL CLASS- MINOR ARTERIAL URBAN 16
(100) DEFENSE HIGHWAY- NOT STRAHNET 0
(101) PARALLEL STRUCTURE- NONE EXISTS N
(102) DIRECTION OF TRAFFIC- 2 WAY 2
(103) TEMPORARY STRUCTURE-
(105) FED.LANDS HWY- NOT APPLICABLE 0
(110) DESIGNATED NATIONAL NETWORK - NOT ON NET 0
(20) TOLL- ON FREE ROAD 3
(21) MAINTAIN- CITY OR MUNICIPAL HIGHWAY AGENCY 04
(22) OWNER- CITY OR MUNICIPAL HIGHWAY AGENCY 04
(37) HISTORICAL SIGNIFICANCE- ELIGIBLE 2

********** CONDITION ********** CODE

(58) DECK 6
(59) SUPERSTRUCTURE 6
(60) SUBSTRUCTURE 7
(61) CHANNEL & CHANNEL PROTECTION 8
(62) CULVERTS N

********* LOAD RATING AND POSTING ********* CODE

(31) DESIGN LOAD- UNKNOWN 0
(63) OPERATING RATING METHOD- LOAD FACTOR 1
(64) OPERATING RATING- 54.4
(65) INVENTORY RATING METHOD- LOAD FACTOR 1
(66) INVENTORY RATING- 32.7
(70) BRIDGE POSTING- EQUAL TO OR ABOVE LEGAL LOADS 5
(41) STRUCTURE OPEN, POSTED OR CLOSED- A
DESCRIPTION- OPEN, NO RESTRICTION

********** APPRAISAL ********** CODE

(67) STRUCTURAL EVALUATION 6
(68) DECK GEOMETRY 3
(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL N
(71) WATER ADEQUACY 7
(72) APPROACH ROADWAY ALIGNMENT 8
(36) TRAFFIC SAFETY FEATURES 0000
(113) SCOUR CRITICAL BRIDGES 5

********** PROPOSED IMPROVEMENTS **********

(75) TYPE OF WORK- MISC STRUCTURAL WORK CODE 38
(76) LENGTH OF STRUCTURE IMPROVEMENT 42.1 M
(94) BRIDGE IMPROVEMENT COST $560,000
(95) ROADWAY IMPROVEMENT COST $112,000
(96) TOTAL PROJECT COST $940,800
(97) YEAR OF IMPROVEMENT COST ESTIMATE 2010
(114) FUTURE ADT 20000
(115) YEAR OF FUTURE ADT 2035

********** INSPECTIONS **********

(90) INSPECTION DATE 09/15 (91) FREQUENCY 48 MO
(92) CRITICAL FEATURE INSPECTION: (93) CFI DATE
A) FRACTURE CRIT DETAIL- NO MO A)
B) UNDERWATER INSP- NO MO B) 04/96
C) OTHER SPECIAL INSP- NO MO C)

DEPARTMENT OF TRANSPORTATION
Structure Maintenance & Investigations

Bridge Number : 36C0110
Facility Carried: STOCKTON AVE
Location : AT THE ESPLANADE
City : CAPITOLA
Inspection Date : 09/27/2013
Inspection Type
Routine FC Underwater Special Other
X

Bridge Inspection Report

STRUCTURE NAME: SOQUEL CREEK

CONSTRUCTION INFORMATION

Year Built : 1934
Year Widened: N/A
Length (m) : 41
Skew (degrees): 0
No. of Joints : 2
No. of Hinges : 0

Structure Description: 3 span, continuous RC box girder with parabolic soffit on RC pier walls and diaphragm abutments all on timber piles.

Span Configuration : 1 @ 25 ft, 1 @ 85 ft, 1 @ 25 ft

SAFE LOAD CAPACITY AND RATINGS

Design Live Load: UNKNOWN
Inventory Rating: RF=1.01 =>32.7 metric tons Calculation Method: LOAD FACTOR
Operating Rating: RF=1.68 =>54.4 metric tons Calculation Method: LOAD FACTOR
Permit Rating : PPPPP
Posting Load : Type 3: Legal Type 3S2: Legal Type 3-3: Legal

DESCRIPTION ON STRUCTURE

Deck X-Section: 1 ft 1 in br, 5 ft sw, 30 ft, 5 ft sw, 1 ft 1 in br
Total Width: 12.8 m Net Width: 9.1 m No. of Lanes: 2 Speed: 25 mph
Min. Vertical Clearance: Unimpaired

Rail Code: 0000

Rail Type	Location	Length (ft)	Rail Modifications
Concrete Baluster	Right/Left	314	

DESCRIPTION UNDER STRUCTURE

Channel Description: Sandy beach outlet, tidal influence

INSPECTION COMMENTARY

SCOPE AND ACCESS
This bridge was accessed by foot on and around the abutments. This bridge can have tidal influence and was scheduled for inspection during the lowest tide of the week at + 3 feet at 11:17 am on 9/27/2013. During this inspection, Soquel Creek was bermed up just downstream from the bridge and was not flowing freely into the ocean or tidally. There was a substantial rain event 6 days before this inspection that raised the water level of the creek. The water in the creek was as deep as 8 feet at Bent 2. During the last several inspections the creek levels were substantially lower at 3 to 4 feet deep and wading and probing has been possible. No scour has been historically noted and the channel section was measured along the left and right bridge rails with no significant changes noted compared to the 2009 channel cross section. Those areas of the superstructure, substructure and soffit usually inspected while wading were adequately seen from the banks of the creek with the aid of binoculars. All elements were fully inspected.

NUMBERING CONVENTION
This structure alignment is East and West. The western abutment is Abutment 1 and is located nearest to the Venetian Court with the ocean on the right. The eastern abutment is Abutment 4 and is located nearest the Esplanade.

INSPECTION COMMENTARY

REVISIONS
Various NBI and ELI element data fields have been updated based on field measurements and As Built plans.

DECK AND ROADWAY
The bare concrete deck surface is weathered and abraded with random cracking throughout. The randomly oriented deck cracks are up to 1/8 of an inch in crack width at 1 to 3 feet on center.

The armored open joints at the abutments are filled with emulsion, dirt and debris.

The bridge rails have some areas of delamination and spalling with exposed corroded reinforcement.

No substantial changes were noted to the deck and roadway from 2011. See Photos No. 3 to 7 from 2011.

SUPERSTRUCTURE
Overall, the superstructure soffit of the bridge has numerous previous patches, minor areas of thin cover, patchy scaliness with efflorescent staining and some cracking as detailed below.

The soffit in Span 1 has a longitudinal crack with efflorescence along the centerline, numerous previous patches and efflorescent staining.

The soffit in Span 2 has transverse cracking with black leachate near the midspan along the edge of deck on the left and right, a longitudinal crack with efflorescence along the centerline, and numerous previous patches. There are also several 5 foot long transverse cracks at the crown of the soffit.

The soffit in Span 3 has a longitudinal crack with efflorescence along the centerline continuing down the face of Pier Wall 3.

No substantial changes were noted to the superstructure from 2011. See Photos No. 8 to 10 from 2011.

SUBSTRUCTURE
The abutment faces and the pier walls have occasional patches and random cracks with cracks sizes generally under 1/16 of an inch in width. The abutment faces have several sealed cracks with efflorescent staining.

Minor debris was on the upstream nose of Pier 3. No scour was noted on the upstream or downstream side of either pier.

No substantial changes were noted to the substructure from 2011. See Photos No. 11 from 2011.

SAFE LOAD CAPACITY
A Load Rating Summary Sheet dated 11/16/2009 is on file for this structure. While this report does not include a check of that analysis, it does verify that the structural conditions observed during this inspection are consistent with those assumed in that analysis. The current rating is based on BDS computer output dated 4/16/1979.

ELEMENT INSPECTION RATINGS

Elem No.	Element Description	Env	Total Qty	Units	Qty in each Condition State St. 1	St. 2	St. 3	St. 4	St. 5

Elem No.	Element Description	Env	Total Qty	Units	Qty in each Condition State St. 1	St. 2	St. 3	St. 4	St. 5
12	Concrete Deck - Bare	3	501	sq.m.	501	0	0	0	0
105	Reinforced Concrete Closed Webs/Box Girder	3	41	m.	0	41	0	0	0
210	Reinforced Conc Pier Wall	3	26	m.	0	26	0	0	0
215	Reinforced Conc Abutment	3	27	m.	0	27	0	0	0
228	Timber Submerged Pile	4	1	ea.	1	0	0	0	0
256	Slope Protection	2	1	ea.	1	0	0	0	0
304	Open Expansion Joint	2	27	m.	27	0	0		
339	Concrete Railing (aesthetic/masonry)	4	96	m.	0	56	40	0	
358	Deck Cracking	4	1	ea.	0	0	1	0	
359	Soffit of Concrete Deck or Slab	4	1	ea.	0	0	0	1	0

WORK RECOMMENDATIONS

RecDate: 10/05/2011 Action : Deck-Place Overlay Work By: LOCAL AGENCY Status : PROPOSED	EstCost: StrTarget: 2 YEARS DistTarget: EA:	Place a polyester overlay. Clean and/or replace the joints during the contract.
RecDate: 05/02/2001 Action : Railing-Repair Work By: LOCAL AGENCY Status : PROPOSED	EstCost: StrTarget: 2 YEARS DistTarget: EA:	Clean and patch the delaminations and the spalls on the bridge rail.

CHANNEL X-SECTION

Side : Upstream — X-Section Date: 09/27/2013

Measured From : Left, Top of concrete rail

Location	Horiz(m)	Vert(m)	Comments
Abutment 1 face	0.00	6.18	water depth 0.78 m
Bent 2	7.92	7.70	water depth 2.42 m
midspan		7.00	water depth 1.90 m
Bent 3	33.83	6.45	water depth 1.75 m
Abutment 4 face	42.10	6.00	water depth 1.40 m

Team Leader : Daniel Zuhlke

Report Author : Daniel Zuhlke

Inspected By : D Zuhlke

10/16/2013

Daniel Zuhlke (Registered Civil Engineer) (Date)



STRUCTURE INVENTORY AND APPRAISAL REPORT

********** IDENTIFICATION **********

(1)	STATE NAME- CALIFORNIA	069
(8)	STRUCTURE NUMBER	**36C0110**
(5)	INVENTORY ROUTE(ON/UNDER)- ON	150000000
(2)	HIGHWAY AGENCY DISTRICT	05
(3)	COUNTY CODE 087 (4) PLACE CODE	11040
(6)	FEATURE INTERSECTED-	SOQUEL CREEK
(7)	FACILITY CARRIED-	STOCKTON AVE
(9)	LOCATION-	AT THE ESPLANADE
(11)	MILEPOINT/KILOMETERPOINT	0
(12)	BASE HIGHWAY NETWORK- NOT ON NET	0
(13)	LRS INVENTORY ROUTE & SUBROUTE	
(16)	LATITUDE	36 DEG 58 MIN 20.41 SEC
(17)	LONGITUDE	121 DEG 57 MIN 11.5 SEC
(98)	BORDER BRIDGE STATE CODE % SHARE	%
(99)	BORDER BRIDGE STRUCTURE NUMBER	

******** STRUCTURE TYPE AND MATERIAL *********

(43)	STRUCTURE TYPE MAIN:MATERIAL- CONCRETE CONT	
	TYPE- BOX BEAM OR GIRDER - MULTI CODE	205
(44)	STRUCTURE TYPE APPR:MATERIAL- OTHER/NA	
	TYPE- OTHER/NA CODE	000
(45)	NUMBER OF SPANS IN MAIN UNIT	3
(46)	NUMBER OF APPROACH SPANS	0
(107)	DECK STRUCTURE TYPE- CIP CONCRETE CODE	1
(108)	WEARING SURFACE / PROTECTIVE SYSTEM:	
A)	TYPE OF WEARING SURFACE- NONE CODE	0
B)	TYPE OF MEMBRANE- NONE CODE	0
C)	TYPE OF DECK PROTECTION- NONE CODE	0

********** AGE AND SERVICE **********

(27)	YEAR BUILT	1934
(106)	YEAR RECONSTRUCTED	0000
(42)	TYPE OF SERVICE: ON- HIGHWAY-PEDESTRIAN	5
	UNDER- WATERWAY	5
(28)	LANES:ON STRUCTURE 02 UNDER STRUCTURE	00
(29)	AVERAGE DAILY TRAFFIC	15000
(30)	YEAR OF ADT 2013 (109) TRUCK ADT	10 %
(19)	BYPASS, DETOUR LENGTH	3 KM

********** GEOMETRIC DATA **********

(48)	LENGTH OF MAXIMUM SPAN	25.9 M
(49)	STRUCTURE LENGTH	41.0 M
(50)	CURB OR SIDEWALK: LEFT 1.5 M	RIGHT 1.5 M
(51)	BRIDGE ROADWAY WIDTH CURB TO CURB	9.1 M
(52)	DECK WIDTH OUT TO OUT	12.8 M
(32)	APPROACH ROADWAY WIDTH (W/SHOULDERS)	9.1 M
(33)	BRIDGE MEDIAN- NO MEDIAN	0
(34)	SKEW 0 DEG (35) STRUCTURE FLARED	NO
(10)	INVENTORY ROUTE MIN VERT CLEAR	99.99 M
(47)	INVENTORY ROUTE TOTAL HORIZ CLEAR	9.1 M
(53)	MIN VERT CLEAR OVER BRIDGE RDWY	99.99 M
(54)	MIN VERT UNDERCLEAR REF- NOT H/RR	0.00 M
(55)	MIN LAT UNDERCLEAR RT REF- NOT H/RR	0.0 M
(56)	MIN LAT UNDERCLEAR LT	0.0 M

********** NAVIGATION DATA **********

(38)	NAVIGATION CONTROL- NO CONTROL CODE	0
(111)	PIER PROTECTION- CODE	
(39)	NAVIGATION VERTICAL CLEARANCE	0.0 M
(116)	VERT-LIFT BRIDGE NAV MIN VERT CLEAR	M
(40)	NAVIGATION HORIZONTAL CLEARANCE	0.0 M

****

	SUFFICIENCY RATING =	60.6
	STATUS STRUCTURALLY DEFICIENT	
	HEALTH INDEX	74.2
	PAINT CONDITION INDEX =	N/A

********** CLASSIFICATION ********** CODE

(112)	NBIS BRIDGE LENGTH- YES	Y
(104)	HIGHWAY SYSTEM- NOT ON NHS	0
(26)	FUNCTIONAL CLASS- MINOR ARTERIAL URBAN	16
(100)	DEFENSE HIGHWAY- NOT STRAHNET	0
(101)	PARALLEL STRUCTURE- NONE EXISTS	N
(102)	DIRECTION OF TRAFFIC- 2 WAY	2
(103)	TEMPORARY STRUCTURE-	
(105)	FED.LANDS HWY- NOT APPLICABLE	0
(110)	DESIGNATED NATIONAL NETWORK - NOT ON NET	0
(20)	TOLL- ON FREE ROAD	3
(21)	MAINTAIN- CITY OR MUNICIPAL HIGHWAY AGENCY	04
(22)	OWNER- CITY OR MUNICIPAL HIGHWAY AGENCY	04
(37)	HISTORICAL SIGNIFICANCE- ELIGIBLE	2

********** CONDITION ********** CODE

(58)	DECK	4
(59)	SUPERSTRUCTURE	5
(60)	SUBSTRUCTURE	6
(61)	CHANNEL & CHANNEL PROTECTION	8
(62)	CULVERTS	N

********* LOAD RATING AND POSTING ********* CODE

(31)	DESIGN LOAD- UNKNOWN	0
(63)	OPERATING RATING METHOD- LOAD FACTOR	1
(64)	OPERATING RATING-	54.4
(65)	INVENTORY RATING METHOD- LOAD FACTOR	1
(66)	INVENTORY RATING-	32.7
(70)	BRIDGE POSTING- EQUAL TO OR ABOVE LEGAL LOADS	5
(41)	STRUCTURE OPEN, POSTED OR CLOSED-	A
	DESCRIPTION- OPEN, NO RESTRICTION	

********** APPRAISAL ********** CODE

(67)	STRUCTURAL EVALUATION	5
(68)	DECK GEOMETRY	3
(69)	UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(71)	WATER ADEQUACY	7
(72)	APPROACH ROADWAY ALIGNMENT	8
(36)	TRAFFIC SAFETY FEATURES	0000
(113)	SCOUR CRITICAL BRIDGES	5

********** PROPOSED IMPROVEMENTS **********

(75)	TYPE OF WORK- MISC STRUCTURAL WORK CODE	38
(76)	LENGTH OF STRUCTURE IMPROVEMENT	42.1 M
(94)	BRIDGE IMPROVEMENT COST	$560,000
(95)	ROADWAY IMPROVEMENT COST	$112,000
(96)	TOTAL PROJECT COST	$940,800
(97)	YEAR OF IMPROVEMENT COST ESTIMATE	2010
(114)	FUTURE ADT	20000
(115)	YEAR OF FUTURE ADT	2035

********** INSPECTIONS **********

(90)	INSPECTION DATE 09/13 (91) FREQUENCY	24 MO
(92)	CRITICAL FEATURE INSPECTION: (93) CFI DATE	
A)	FRACTURE CRIT DETAIL- NO MO A)	
B)	UNDERWATER INSP- NO MO B)	04/96
C)	OTHER SPECIAL INSP- NO MO C)	

100 - Routine-Roadway View



Photo #1

Looking from Abutment 1, westerly.

101 - Routine-Elevation View



Photo #2

Looking northerly from the channel.



Photo #3
Deck cracking typical throughout the deck surface.



Photo #4
Deck cracking typical throughout the deck surface.



Photo #5
Manholes on the left sidewalk with concrete patches.



Photo #6
Open armored joints, typical with dirt and debris.



Photo #7
Typical thin cover with delaminations and spalls with exposed corroded reinforcement.



Photo #8
Cracking, spalling and patches near midspan Span 2, typical.



Photo #9
Soffit distress, Span 2 midspan right, near right edge of deck.

107 - Super-Damage/Deterioration



Photo #10
Soffit distress, Span 2 midspan left, near left edge of deck.



Photo #11
Abutment 1, right, deterioration and cracking, typical.

DEPARTMENT OF TRANSPORTATION
Structure Maintenance & Investigations

Bridge Number : 36C0110
Facility Carried: STOCKTON AVE
Location : 0.05 MI E OF WHARF RD
City : CAPITOLA
Inspection Date : 10/05/2011
Inspection Type
Routine FC Underwater Special Other
X

Bridge Inspection Report

STRUCTURE NAME: SOQUEL CREEK

CONSTRUCTION INFORMATION

Year Built : 1934
Year Widened: N/A
Length (m) : 42.1
Skew (degrees): 0
No. of Joints : 2
No. of Hinges : 0

Structure Description: RC continuous box girder with parabolic soffit on 2 solid wall piers and diaphragm abutments all on timber piles.

Span Configuration :1 @ 7.92 m, 1 @ 25.91 m, 1 @ 7.92 m

LOAD CAPACITY AND RATINGS

Design Live Load: UNKNOWN
Inventory Rating: 32.7 metric tonnes Calculation Method: LOAD FACTOR
Operating Rating: 54.4 metric tonnes Calculation Method: LOAD FACTOR
Permit Rating : PPPPP
Posting Load : Type 3: Legal Type 3S2: Legal Type 3-3: Legal

DESCRIPTION ON STRUCTURE

Deck X-Section: 1.86 m sw, 9.05 m, 1.83 m sw
Total Width: 13.4 m Net Width: 9.1 m No. of Lanes: 2
Rail Description: Concrete aesthetic (339) Rail Code : 0000
Min. Vertical Clearance: Unimpaired

DESCRIPTION UNDER STRUCTURE

Channel Description: Sandy beach outlet, tidal influence

INSPECTION COMMENTARY

NOMENCLATURE
This structure alignment is almost due East and West. The Western Abutment is Abutment 1 and the Eastern Abutment is Abutment 4. Abutment 4 is located nearest the Esplanade, Stockton Ave. and the shopping district.

Previous reports have confused the nomenclature and the plans simply list the abutments as Eastern and Western. For clarification, where the plans call out the Western Abutment, that will be considered Abutment 1; where the plans call out the Eastern Abutment, that will be considered Abutment 4.

REVISIONS
GPS coordinates have been updated.

ELI 228, submerged timber piles, were added at 1 each.

ELI 304, open joint, was added at 27 each in condition state 2.

CONDITION OF STRUCTURE
ACCESS
Tide charts were consulted online and a low tide of +2.4 feet on 10/05/2011 at 12:37 PM

INSPECTION COMMENTARY

was utilized for our inspection. The tidal channel was accessed from the western shore at the Venetian Hotel with chest waders. All elements were fully accessible and fully inspected.

This structure does not need an underwater inspection by the dive team. All elements can be inspected by wading and probing with consideration taken for the tidal flows.

DECK, RAILS & JOINTS

The concrete deck surface exhibits heavy random cracks in the deck throughout. These cracks are moderate to severe in size and density (up to 1/8 inch in crack width and 1-3' OC). The deck is also heavily weathered and abraded in areas. There is an outstanding work recommendation from 2001 to seal the cracks with methacrylate resin that has been rescinded in lieu of a new work recommendation to place a polyester overlay. See photographs No. 3-4.

The left sidewalk area has 9 manhole covers with patches. See photograph No. 5.

The armored open joints at the abutments are filled with emulsion, dirt and debris. No work is required. See photograph No. 6.

There are delaminated areas and spalls with exposed reinforcement in several of the concrete barrier rail vertical post elements on both the right and left rails. The issue appears to have been thin cover of the steel with concrete. There is an outstanding work recommendation from 2001 to clean and patch the delaminations and spalls that should be completed. See photograph No. 7.

SUPERSTRUCTURE

The superstructure has numerous cracks (from fine to 2 mm in width), efflorescent staining and numerous previous patches.

The soffit in Span 1 exhibits a longitudinal crack with efflorescence along the centerline continuing down the pier.

The soffit in Span 2 exhibits some transverse soffit cracks with black leachate near the edge of the deck midspan on the left and the right. The soffit also exhibits a longitudinal crack with efflorescence along the centerline. The soffit also exhibits numerous patches from previous spall repairs. There are also several 5' transverse cracks at the crown of the soffit, some with thin cover. See photograph No. 8-10.

The soffit in Span 3 exhibits a longitudinal crack with efflorescence along the centerline, numerous previous patches and efflorescent staining in the soffit.

No work is currently recommended for the soffit distress. Previous efforts to clean and patch the soffit have been effective for now.

SUBSTRUCTURE

The abutment faces exhibit numerous sealed cracks and efflorescent staining. See photograph No.11.

No scour was observed visually through the 3-4 foot deep water or by probing.

SAFE LOAD CAPACITY

This bridge's safe load capacity was recently reviewed, documented and transmitted on a Structure Rating Summary Sheet dated 11/16/2009.

ELEMENT INSPECTION RATINGS

Elem No.	Element Description	Env	Total Qty	Units	Qty in each Condition State St. 1	St. 2	St. 3	St. 4	St. 5
12	Concrete Deck - Bare	3	560	sq.m.	0	560	0	0	0
105	Reinforced Concrete Closed Webs/Box Girder	3	42	m.	0	42	0	0	0
210	Reinforced Conc Pier Wall	3	27	m.	0	27	0	0	0
215	Reinforced Conc Abutment	3	27	m.	0	27	0	0	0
228	Timber Submerged Pile	4	1	ea.	1	0	0	0	0
256	Slope Protection	2	2	ea.	2	0	0	0	0
304	Open Expansion Joint	2	27	m.	0	27	0		
339	Concrete Railing (aesthetic/masonry)	4	96	m.	91	0	5	0	0
358	Deck Cracking	4	1	ea.	0	0	0	1	0
359	Soffit of Concrete Deck or Slab	4	1	ea.	0	0	0	1	0

WORK RECOMMENDATIONS

RecDate: 10/05/2011
Action : Deck-Place Overlay
Work By: LOCAL AGENCY
Status : PROPOSED
EstCost:
StrTarget: 2 YEARS
DistTarget:
EA:

Place a 3/4 to 1 inch polyester overlay.

Clean and/or replace the joints during the contract.

RecDate: 05/02/2001
Action : Railing-Repair
Work By: LOCAL AGENCY
Status : PROPOSED
EstCost:
StrTarget: 2 YEARS
DistTarget:
EA:

Clean and patch the delaminations and the spall in the bridge rail.

Inspected By : Daniel Zuhlke

Daniel Zuhlke (Registered Civil Engineer)



STRUCTURE INVENTORY AND APPRAISAL REPORT

********** IDENTIFICATION **********

(1) STATE NAME- CALIFORNIA 069
(8) STRUCTURE NUMBER **36C0110**
(5) INVENTORY ROUTE(ON/UNDER)- ON 1500E1740
(2) HIGHWAY AGENCY DISTRICT 05
(3) COUNTY CODE 087 (4) PLACE CODE 11040
(6) FEATURE INTERSECTED- SOQUEL CREEK
(7) FACILITY CARRIED- STOCKTON AVE
(9) LOCATION- 0.05 MI E OF WHARF RD
(11) MILEPOINT/KILOMETERPOINT 0
(12) BASE HIGHWAY NETWORK- NOT ON NET 0
(13) LRS INVENTORY ROUTE & SUBROUTE
(16) LATITUDE 36 DEG 58 MIN 20.54 SEC
(17) LONGITUDE 121 DEG 57 MIN 11.57 SEC
(98) BORDER BRIDGE STATE CODE % SHARE %
(99) BORDER BRIDGE STRUCTURE NUMBER

******** STRUCTURE TYPE AND MATERIAL *********

(43) STRUCTURE TYPE MAIN:MATERIAL- CONCRETE CONT
TYPE- BOX BEAM OR GIRDER - MULTI CODE 205
(44) STRUCTURE TYPE APPR:MATERIAL- OTHER/NA
TYPE- OTHER/NA CODE 000
(45) NUMBER OF SPANS IN MAIN UNIT 3
(46) NUMBER OF APPROACH SPANS 0
(107) DECK STRUCTURE TYPE- CIP CONCRETE CODE 1
(108) WEARING SURFACE / PROTECTIVE SYSTEM:
A) TYPE OF WEARING SURFACE- CONCRETE CODE 1
B) TYPE OF MEMBRANE- NONE CODE 0
C) TYPE OF DECK PROTECTION- NONE CODE 0

********** AGE AND SERVICE **********

(27) YEAR BUILT 1934
(106) YEAR RECONSTRUCTED 0000
(42) TYPE OF SERVICE: ON- HIGHWAY-PEDESTRIAN 5
UNDER- WATERWAY 5
(28) LANES:ON STRUCTURE 02 UNDER STRUCTURE 00
(29) AVERAGE DAILY TRAFFIC 15000
(30) YEAR OF ADT 2009 (109) TRUCK ADT 10 %
(19) BYPASS, DETOUR LENGTH 3 KM

********** GEOMETRIC DATA **********

(48) LENGTH OF MAXIMUM SPAN 25.9 M
(49) STRUCTURE LENGTH 42.1 M
(50) CURB OR SIDEWALK: LEFT 1.9 M RIGHT 1.8 M
(51) BRIDGE ROADWAY WIDTH CURB TO CURB 9.1 M
(52) DECK WIDTH OUT TO OUT 13.4 M
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS) 9.1 M
(33) BRIDGE MEDIAN- NO MEDIAN 0
(34) SKEW 0 DEG (35) STRUCTURE FLARED NO
(10) INVENTORY ROUTE MIN VERT CLEAR 99.99 M
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR 9.1 M
(53) MIN VERT CLEAR OVER BRIDGE RDWY 99.99 M
(54) MIN VERT UNDERCLEAR REF- NOT H/RR 0.00 M
(55) MIN LAT UNDERCLEAR RT REF- NOT H/RR 0.0 M
(56) MIN LAT UNDERCLEAR LT 0.0 M

********** NAVIGATION DATA **********

(38) NAVIGATION CONTROL- NO CONTROL CODE 0
(111) PIER PROTECTION- CODE
(39) NAVIGATION VERTICAL CLEARANCE 0.0 M
(116) VERT-LIFT BRIDGE NAV MIN VERT CLEAR M
(40) NAVIGATION HORIZONTAL CLEARANCE 0.0 M

****

SUFFICIENCY RATING = 58.4
STATUS STRUCTURALLY DEFICIENT
HEALTH INDEX 68.0
PAINT CONDITION INDEX = N/A

********** CLASSIFICATION ********** CODE

(112) NBIS BRIDGE LENGTH- YES Y
(104) HIGHWAY SYSTEM- NOT ON NHS 0
(26) FUNCTIONAL CLASS- MINOR ARTERIAL URBAN 16
(100) DEFENSE HIGHWAY- NOT STRAHNET 0
(101) PARALLEL STRUCTURE- NONE EXISTS N
(102) DIRECTION OF TRAFFIC- 2 WAY 2
(103) TEMPORARY STRUCTURE-
(105) FED.LANDS HWY- NOT APPLICABLE 0
(110) DESIGNATED NATIONAL NETWORK - NOT ON NET 0
(20) TOLL- ON FREE ROAD 3
(21) MAINTAIN- CITY OR MUNICIPAL HIGHWAY AGENCY 04
(22) OWNER- CITY OR MUNICIPAL HIGHWAY AGENCY 04
(37) HISTORICAL SIGNIFICANCE- ELIGIBLE 2

********** CONDITION ********** CODE

(58) DECK 3
(59) SUPERSTRUCTURE 5
(60) SUBSTRUCTURE 6
(61) CHANNEL & CHANNEL PROTECTION 7
(62) CULVERTS N

********* LOAD RATING AND POSTING ********* CODE

(31) DESIGN LOAD- UNKNOWN 0
(63) OPERATING RATING METHOD- LOAD FACTOR 1
(64) OPERATING RATING- 54.4
(65) INVENTORY RATING METHOD- LOAD FACTOR 1
(66) INVENTORY RATING- 32.7
(70) BRIDGE POSTING- EQUAL TO OR ABOVE LEGAL LOADS 5
(41) STRUCTURE OPEN, POSTED OR CLOSED- A
DESCRIPTION- OPEN, NO RESTRICTION

********** APPRAISAL ********** CODE

(67) STRUCTURAL EVALUATION 5
(68) DECK GEOMETRY 3
(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL N
(71) WATER ADEQUACY 7
(72) APPROACH ROADWAY ALIGNMENT 8
(36) TRAFFIC SAFETY FEATURES 0000
(113) SCOUR CRITICAL BRIDGES 5

********** PROPOSED IMPROVEMENTS **********

(75) TYPE OF WORK- MISC STRUCTURAL WORK CODE 38
(76) LENGTH OF STRUCTURE IMPROVEMENT 42.1 M
(94) BRIDGE IMPROVEMENT COST $560,000
(95) ROADWAY IMPROVEMENT COST $112,000
(96) TOTAL PROJECT COST $940,800
(97) YEAR OF IMPROVEMENT COST ESTIMATE 2010
(114) FUTURE ADT 10477
(115) YEAR OF FUTURE ADT 2029

********** INSPECTIONS **********

(90) INSPECTION DATE 10/11 (91) FREQUENCY 24 MO
(92) CRITICAL FEATURE INSPECTION: (93) CFI DATE
A) FRACTURE CRIT DETAIL- NO MO A)
B) UNDERWATER INSP- NO MO B) 04/96
C) OTHER SPECIAL INSP- NO MO C)

Structure Maintenance & Investigations

Structure Rating Summary Sheet

Bridge Number: 36C0110
Facility Carried: STOCKTON AVE
Location: 0.05 MI E OF WHARF RD
City: CAPITOLA

Bridge Name: SOQUEL CREEK

Structural Element Rated: 3 span, RC continuous box girder.

Rating Summary

DESIGN LOADING	Rating Factor	Metric Tonnes	Critical Location: Structure	Control Element	Load Action	Location
Inventory:	1.01	32.7	3 span, RC continuous box girder.	Girder	Ultimate Moment	0.5 pt of Span 2
Operating:	1.68	54.4	3 span, RC continuous box girder.	Girder	Ultimate Moment	0.5 pt of Span 2

LEGAL RATING	Posting U.S. Tons				
Type 3 (25T):					
Type 3S2 (36T):					
Type 3-3 (40T):					

PERMIT RATING	Rating Factor	Permit Rating	Structure	Control Element	Load Action	Location
5 Axle Truck :	1.09	P	3 span, RC continuous box girder.	Girder	Ultimate Moment	0.5 pt of Span 2
7 Axle Truck :	1.09	P	3 span, RC continuous box girder.	Girder	Ultimate Moment	0.5 pt of Span 2
9 Axle Truck :	1.09	P	3 span, RC continuous box girder.	Girder	Ultimate Moment	0.5 pt of Span 2
11 Axle Truck:	1.09	P	3 span, RC continuous box girder.	Girder	Ultimate Moment	0.5 pt of Span 2
13 Axle Truck:	1.09	P	3 span, RC continuous box girder.	Girder	Ultimate Moment	0.5 pt of Span 2

RELEVANT LOAD RATING INFORMATION

NOTES:

This Rating Summary is based on load rating calculations performed by SMI. This Summary does not include a check of that analysis. This Rating Summary has verified that the physical conditions used in the above referenced analysis have not changed, and the results of that rating are summarized here.
Additional notes:
The number of axles on the truck that causes the purple rating factor is 9.
Fc= 1.00 ksi
Fy= 3 ksi
No AC
Rating width 33 ft.

Overlay Used In Rating: None

Rating Method: Load Factor (LF) Inventory (65) | Load Factor (LF) Operating (63)

Analysis Tool Used: BDS Frame Rate

Rating/File Location: Bridge Book

Control Rating By: SMI Rating Date: 04/16/1979

Rating Checked By: SMI

Rating Type: Calculated

Summary Prepared By: Daniel Zuhlke Summary Date: 11/16/2009

REGISTERED PROFESSIONAL ENGINEER
Daniel Zuhlke
No. 61330
06/30/2011
CIVIL
STATE OF CALIFORNIA

Daniel Zuhlke - Registered Engineer

DEPARTMENT OF TRANSPORTATION
Structure Maintenance & Investigations

Bridge Number : 36C0110
Facility Carried: STOCKTON AVE
Location : 0.05 MI E OF WHARF RD
City : CAPITOLA
Inspection Date : 10/01/2009

Bridge Inspection Report

Inspection Type

Routine	FC	Underwater	Special	Other
X				

STRUCTURE NAME: SOQUEL CREEK

CONSTRUCTION INFORMATION

Year Built : 1934
Year Widened: N/A
Length (m) : 42.1
Skew (degrees): 0
No. of Joints : 0
No. of Hinges : 0

Structure Description: RC continuous box girder with parabolic soffit on 2 solid wall piers and diaphragm abutments all on timber piles.

Span Configuration : 1 @ 7.92 m, 1 @ 25.91 m, 1 @ 7.92 m

LOAD CAPACITY AND RATINGS

Design Live Load: OTHER OR UNKNOWN
Inventory Rating: 32.7 metric tonnes Calculation Method: LOAD FACTOR
Operating Rating: 54.4 metric tonnes Calculation Method: LOAD FACTOR
Permit Rating : PPPPP
Posting Load : Type 3: Legal Type 3S2: Legal Type 3-3: Legal

DESCRIPTION ON STRUCTURE

Deck X-Section: 1.86 m sw, 9.05 m, 1.83 m sw
Total Width: 13.4 m Net Width: 9.1 m No. of Lanes: 2
Rail Description: Concrete aesthetic (339) Rail Code : 0000
Min. Vertical Clearance: Unimpaired

DESCRIPTION UNDER STRUCTURE

Channel Description: Sandy beach outlet, tidal influence

CONDITION TEXT

NOMENCLATURE

This structure alignment is almost due North and South. The Southern Abutment is Abutment 1 and the Northern Abutment is Abutment 4. Abutment 4 is located nearest the Esplanade, Stockton Ave. and the shopping district.

Previous reports have confused the nomenclature and the plans simply list the abutments as Eastern and Western. For clarification, where the plans call out the Western Abutment, that will be considered Abutment 1; where the plans call out the Eastern Abutment, that will be considered Abutment 4.

REVISIONS

Various Load Rating information has been updated accordingly to match the attached Load Rating Summary Sheet.

CONDITION OF STRUCTURE

CONDITION TEXT

As previously reported, there are heavy random cracks in the deck throughout. These cracks are moderate to severe in size and density (up to 5mm in size and 1-3' OC). The deck is also heavily weathered and abraded in areas. There is an outstanding work recommendation from 2001 to seal the cracks with methacrylate resin that should be completed. See attached photographs.

Also as previously reported, there are spalls with exposed reinforcement in several of the concrete barrier rail vertical post elements. Both left and right rails are affected. The issue appears to have been thin cover of the steel with concrete. There is an outstanding work recommendation from 2001 to patch the spalls that should be completed. See attached photographs.

High tidal conditions prevented a thorough inspection of the bridge soffit. A follow up inspection will be planned in the next 12 months.

During the previous inspection in 2007 the following soffit distress was noted:

"The soffit in Span 1 exhibits a longitudinal crack with efflorescence along the centerline continuing down the pier. The pier area exhibits a black leachate. Previous patches are also evident. There is also a 1/2 SF spall with exposed reinforcing steel."

"The soffit in Span 2 exhibits transverse reflective soffit cracks with black leachate. The soffit also exhibits numerous patches from previous spall repairs. There is 1 SF area 20' from Pier 2 and 10' from the right soffit edge that exhibits a wet rusty efflorescent that should be repaired. Midspan there are also 2 exposed reinforcement bars, approximately 6" each. The soffit also exhibits random cracking midspan of moderate intensity. There are also several 5' transverse cracks at the crown of the soffit, some with thin cover."

"The soffit in Span 3 is in the worst condition of the soffit spans. Numerous previous patches are evident in the soffit."

"The cracks and the spalls in the soffit of all spans should be cleaned, chipped out as necessary and patched and sealed as previously recommended."

As previously reported, Abutment 4 exhibits numerous sealed cracks.

This structure does not need an underwater inspection by the dive team. All elements can be inspected by wading and probing with consideration taken for the tidal flows.

On this date, 4-6' or more of water was in all 3 spans limiting the inspection to areas observable from the banks of the channel.

This structure is in generally good condition for a structure built in 1934 although preventative maintenance as noted above is needed to maintain this condition.

SAFE LOAD CAPACITY

Various Load Rating information has been updated accordingly to match the attached Load Rating Summary Sheet.

ELEMENT INSPECTION RATINGS

F#	Elem	Element Description	Env	Total Qty	Units	Qty in each Condition State St. 1	St. 2	St. 3	St. 4	St. 5
101	12	Concrete Deck - Bare	3	560	sq.m.	0	560	0	0	0
101	105	Reinforced Concrete Closed	3	42	m.	0	42	0	0	0

F#Elem	Element Description	Env	Total Qty	Units	Qty in each Condition State St. 1	St. 2	St. 3	St. 4	St. 5
	Webs/Box Girder								
101 210	Reinforced Conc Pier Wall	3	27	m.	0	27	0	0	0
101 215	Reinforced Conc Abutment	3	27	m.	0	27	0	0	0
101 256	Slope Protection	2	2	ea.	2	0	0	0	0
101 339	Concrete Railing (aesthetic/masonry)	4	96	m.	91	0	5	0	0
101 358	Deck Cracking	4	1	ea.	0	0	0	1	0
101 359	Soffit of Concrete Deck or Slab	4	1	ea.	0	0	0	1	0

WORK RECOMMENDATIONS

RecDate: 05/02/2001 EstCost:
Action : Railing-Repair StrTarget: 2 YEARS
Work By: LOCAL AGENCY DistTarget:
Status : PROPOSED EA:

Patch the spalls in barrier elements. The spalls are due to thin cover.

RecDate: 05/02/2001 EstCost:
Action : Deck-Methacrylate StrTarget: 2 YEARS
Work By: LOCAL AGENCY DistTarget:
Status : PROPOSED EA:

Seal the deck cracks with methacrylate resin.

RecDate: 08/10/1999 EstCost:
Action : Super-Patch spalls StrTarget: 2 YEARS
Work By: LOCAL AGENCY DistTarget:
Status : PROPOSED EA:

Repair spalled areas in the deck soffit. See report for details.

Inspected By : Daniel Zuhlke

Registered Civil Engineer



STRUCTURE INVENTORY AND APPRAISAL REPORT

********** IDENTIFICATION **********

(1) STATE NAME- CALIFORNIA 069
(8) STRUCTURE NUMBER **36C0110**
(5) INVENTORY ROUTE(ON/UNDER)- ON 1500E1740
(2) HIGHWAY AGENCY DISTRICT 05
(3) COUNTY CODE 087 (4) PLACE CODE 11040
(6) FEATURE INTERSECTED- SOQUEL CREEK
(7) FACILITY CARRIED- STOCKTON AVE
(9) LOCATION- 0.05 MI E OF WHARF RD
(11) MILEPOINT/KILOMETERPOINT 0
(12) BASE HIGHWAY NETWORK- NOT ON NET 0
(13) LRS INVENTORY ROUTE & SUBROUTE 00
(16) LATITUDE 36 DEG 58 MIN 22 SEC
(17) LONGITUDE 121 DEG 57 MIN 07 SEC
(98) BORDER BRIDGE STATE CODE % SHARE %
(99) BORDER BRIDGE STRUCTURE NUMBER

******** STRUCTURE TYPE AND MATERIAL *********

(43) STRUCTURE TYPE MAIN:MATERIAL- CONCRETE CONT
TYPE- BOX BEAM OR GIRDER - MULTI CODE 205
(44) STRUCTURE TYPE APPR:MATERIAL- OTHER/NA
TYPE- OTHER/NA CODE 000
(45) NUMBER OF SPANS IN MAIN UNIT 3
(46) NUMBER OF APPROACH SPANS 0
(107) DECK STRUCTURE TYPE- CIP CONCRETE CODE 1
(108) WEARING SURFACE / PROTECTIVE SYSTEM:
A) TYPE OF WEARING SURFACE- CONCRETE CODE 1
B) TYPE OF MEMBRANE- NONE CODE 0
C) TYPE OF DECK PROTECTION- NONE CODE 0

********** AGE AND SERVICE **********

(27) YEAR BUILT 1934
(106) YEAR RECONSTRUCTED 0000
(42) TYPE OF SERVICE: ON- HIGHWAY-PEDESTRIAN 5
UNDER- WATERWAY 5
(28) LANES:ON STRUCTURE 02 UNDER STRUCTURE 00
(29) AVERAGE DAILY TRAFFIC 7600
(30) YEAR OF ADT 1978 (109) TRUCK ADT 10 %
(19) BYPASS, DETOUR LENGTH 3 KM

********** GEOMETRIC DATA **********

(48) LENGTH OF MAXIMUM SPAN 25.9 M
(49) STRUCTURE LENGTH 42.1 M
(50) CURB OR SIDEWALK: LEFT 1.9 M RIGHT 1.8 M
(51) BRIDGE ROADWAY WIDTH CURB TO CURB 9.1 M
(52) DECK WIDTH OUT TO OUT 13.4 M
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS) 9.1 M
(33) BRIDGE MEDIAN- NO MEDIAN 0
(34) SKEW 0 DEG (35) STRUCTURE FLARED NO
(10) INVENTORY ROUTE MIN VERT CLEAR 99.99 M
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR 9.1 M
(53) MIN VERT CLEAR OVER BRIDGE RDWY 99.99 M
(54) MIN VERT UNDERCLEAR REF- NOT H/RR 0.00 M
(55) MIN LAT UNDERCLEAR RT REF- NOT H/RR 0.0 M
(56) MIN LAT UNDERCLEAR LT 0.0 M

********** NAVIGATION DATA **********

(38) NAVIGATION CONTROL- NO CONTROL CODE 0
(111) PIER PROTECTION- CODE
(39) NAVIGATION VERTICAL CLEARANCE 0.0 M
(116) VERT-LIFT BRIDGE NAV MIN VERT CLEAR M
(40) NAVIGATION HORIZONTAL CLEARANCE 0.0 M

****

SUFFICIENCY RATING = 60.2
STATUS STRUCTURALLY DEFICIENT
HEALTH INDEX 69.0
PAINT CONDITION INDEX = N/A

********** CLASSIFICATION ********** CODE

(112) NBIS BRIDGE LENGTH- YES Y
(104) HIGHWAY SYSTEM- NOT ON NHS 0
(26) FUNCTIONAL CLASS- MINOR ARTERIAL URBAN 16
(100) DEFENSE HIGHWAY- NOT STRAHNET 0
(101) PARALLEL STRUCTURE- NONE EXISTS N
(102) DIRECTION OF TRAFFIC- 2 WAY 2
(103) TEMPORARY STRUCTURE-
(105) FED.LANDS HWY- NOT APPLICABLE 0
(110) DESIGNATED NATIONAL NETWORK - NOT ON NET 0
(20) TOLL- ON FREE ROAD 3
(21) MAINTAIN- CITY OR MUNICIPAL HIGHWAY AGENCY 04
(22) OWNER- CITY OR MUNICIPAL HIGHWAY AGENCY 04
(37) HISTORICAL SIGNIFICANCE- ELIGIBLE 2

********** CONDITION ********** CODE

(58) DECK 3
(59) SUPERSTRUCTURE 5
(60) SUBSTRUCTURE 6
(61) CHANNEL & CHANNEL PROTECTION 7
(62) CULVERTS N

********* LOAD RATING AND POSTING ********* CODE

(31) DESIGN LOAD- OTHER OR UNKNOWN 0
(63) OPERATING RATING METHOD- LOAD FACTOR 1
(64) OPERATING RATING- 54.4
(65) INVENTORY RATING METHOD- LOAD FACTOR 1
(66) INVENTORY RATING- 32.7
(70) BRIDGE POSTING- EQUAL TO OR ABOVE LEGAL LOADS 5
(41) STRUCTURE OPEN, POSTED OR CLOSED- A
DESCRIPTION- OPEN, NO RESTRICTION

********** APPRAISAL ********** CODE

(67) STRUCTURAL EVALUATION 5
(68) DECK GEOMETRY 3
(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL N
(71) WATER ADEQUACY 7
(72) APPROACH ROADWAY ALIGNMENT 8
(36) TRAFFIC SAFETY FEATURES 0000
(113) SCOUR CRITICAL BRIDGES 5

********** PROPOSED IMPROVEMENTS **********

(75) TYPE OF WORK- MISC STRUCTURAL WORK CODE 38
(76) LENGTH OF STRUCTURE IMPROVEMENT 42.1 M
(94) BRIDGE IMPROVEMENT COST $240,800
(95) ROADWAY IMPROVEMENT COST $48,160
(96) TOTAL PROJECT COST $288,960
(97) YEAR OF IMPROVEMENT COST ESTIMATE 2009
(114) FUTURE ADT 10477
(115) YEAR OF FUTURE ADT 2029

********** INSPECTIONS **********

(90) INSPECTION DATE 10/09 (91) FREQUENCY 24 MO
(92) CRITICAL FEATURE INSPECTION: (93) CFI DATE
A) FRACTURE CRIT DETAIL- NO MO A)
B) UNDERWATER INSP- NO MO B)
C) OTHER SPECIAL INSP- NO MO C)



Photo #1
Typical deck cracking



Photo #1
Typical deck cracking



Photo #1
Typical deck cracking



Photo #1
Typical deck cracking



Photo #1
Typical deck cracking



Photo #1
Typical thin cover on the rail with exposed corroded reinforcement



Photo #1
Joint at Abutment 4



Photo #1
Typical thin cover on the rail with exposed corroded reinforcement

DEPARTMENT OF TRANSPORTATION
Structure Maintenance & Investigations

Bridge Number : 36C0110
Facility Carried: STOCKTON AVE
Location : 0.05 MI E OF WHARF RD
City : CAPITOLA
Inspection Date : 05/20/2009
Inspection Type

Routine	FC	Underwater	Special	Other
☐	☐	☐	☐	☒

Bridge Inspection Report

STRUCTURE NAME: SOQUEL CREEK

CONSTRUCTION INFORMATION

Year Built : 1934
Year Widened: N/A
Length (m) : 42.1
Skew (degrees): 0
No. of Joints : 0
No. of Hinges : 0

Structure Description: RC continuous box girder with parabolic soffit on 2 solid wall piers and diaphragm abutments all on timber piles.

Span Configuration : 1 @ 7.92 m, 1 @ 25.91 m, 1 @ 7.92 m

LOAD CAPACITY AND RATINGS

Design Live Load: OTHER OR UNKNOWN
Inventory Rating: 32.6 metric tonnes Calculation Method: LOAD FACTOR
Operating Rating: 53.5 metric tonnes Calculation Method: LOAD FACTOR
Permit Rating : PPPPP
Posting Load : Type 3: Legal Type 3S2: Legal Type 3-3: Legal

DESCRIPTION ON STRUCTURE

Deck X-Section: 1.86 m sw, 9.05 m, 1.83 m sw
Total Width: 13.4 m Net Width: 9.1 m No. of Lanes: 2
Rail Description: Concrete aesthetic (339) Rail Code : 0000
Min. Vertical Clearance: Unimpaired

DESCRIPTION UNDER STRUCTURE

Channel Description: Sandy beach outlet

CONDITION TEXT

HISTORY

A review of all existing Bridge Inspection Reports (B.I.R) reveals no history of scour.

REVISIONS

The National Bridge Inventory Item 113 Code has been revised from T to 5.

SCOUR

This report addresses hydraulic issues only. The structure's scour potential has been assessed in accordance with the Federal Highway Administration Technical Advisory T5140.23, "Evaluating Scour at Bridges". The National Bridge Inventory Item 113 Code, "Vulnerability to Scour", has been changed to 5: "Bridge foundations determined to be stable for calculated scour conditions; Scour is within limits of footing or piles."

This evaluation is based on an office review of maintenance records, as-built plans and the recent field investigation conducted on 05/20/2009. During the field investigation, an upstream channel cross-section was taken (attached) at the bridge site. Comparison of the recent cross-section and the cross sections taken on 02/16/1977, 04/16/1992 and 05/02/2001 indicates the channel is relatively stable. The thalweg elevation appears to

CONDITION TEXT

be at pier 2.

The channel banks (on northeast side) are protected with sheet piles . The channel bed material is sandy silt. Surrounding vegetation is minimal. No debris issues were observed at the time investigation and the debris potential is low. The structure is tidally controlled. No hydraulic skew, local scour, contraction, degradation, or substructure exposure was observed. The flow or tidal velocity was almost negligible the day of our investigation.

Upon review of the as-built plans, the existing channel elevation appear to be at or close to the design elevation. The tidal influence does not appear to pose much scour potential to this structure. Furthermore, no significant scour issues were reported on previous investigation reports. Therefore, based on our engineering judgment this bridge is not considered scour critical.

CHANNEL X-SECTION

Side : Upstream X-Section Date: 05/20/2009
Measured From :top of rail

Location	Horiz(m)	Vert(m)	Comments
Rail + curb HI = 1.23 m			
A1 (SW)	0.00	6.30	Top of footing & Face of Abutment 1
	0.61	7.40	
	4.80	7.50	
	7.72	7.90	Pier 2 centerline
	21.54	6.50	EOW
	33.10	6.60	
	35.78	6.40	Pier 3 centerline
	39.31	5.90	
	39.50	4.70	
	42.10	4.50	Face of Abutment 4

Inspected By : Ali Nojoumi

Registered Civil Engineer

REGISTERED PROFESSIONAL ENGINEER
CHARLES J. NEICHEN
No. 054230
Exp. 12-31-09
CIVIL
STATE OF CALIFORNIA



Photo #1
Soffit distress in Span 3

107 - Super-Damage/Deterioration



Photo #1
Soffit distress in Span 2

113 - Sub-Damage/Deterioration



Photo #1
Face of Abutment 1



Photo #1
Soffit distress in Span 2



Photo #1
Soffit distress in Span 2



Photo #1
Soffit distress in Span 2



Photo #1
Soffit distress in Span 2



Photo #1
Soffit distress in Span 2



Photo #1
Soffit distress in Span 2

Item 3 C.

DEPARTMENT OF TRANSPORTATION
Structure Maintenance & Investigations

Bridge Number : 36C0110
Facility Carried: STOCKTON AVE
Location : 0.05 MI E OF WHARF RD
City : CAPITOLA
Inspection Date : 05/08/2007

Bridge Inspection Report

Inspection Type

Routine	FC	Underwater	Special	Other
X				

STRUCTURE NAME: SOQUEL CREEK

CONSTRUCTION INFORMATION

Year Built : 1934
Year Widened: N/A
Length (m) : 42.1
Skew (degrees): 0
No. of Joints : 0
No. of Hinges : 0

Structure Description: RC continuous box girder with parabolic soffit on 2 solid wall piers and diaphragm abutments all on timber piles.

Span Configuration : 1 @ 7.92 m, 1 @ 25.91 m, 1 @ 7.92 m

LOAD CAPACITY AND RATINGS

Design Live Load: OTHER OR UNKNOWN
Inventory Rating: 32.6 metric tons Calculation Method: LOAD FACTOR
Operating Rating: 53.5 metric tons Calculation Method: LOAD FACTOR
Permit Rating : PPPPP
Posting Load : Type 3 N/A Type 3S2 N/A Type 3-3 N/A

DESCRIPTION ON STRUCTURE

Deck X-Section: 1.86 m sw, 9.05 m, 1.83 m sw
Total Width: 13.4 m Net Width: 9.1 m No. of Lanes: 2
Rail Description: Concrete aesthetic (339) Rail Code : 0000
Min. Vertical Clearance: Unimpaired

DESCRIPTION UNDER STRUCTURE

Channel Description: Sandy beach outlet

CONDITION TEXT

NOMENCLATURE

This structure alignment is almost due North and South. The Southern Abutment is Abutment 1 and the Northern Abutment is Abutment 4. Abutment 4 is located nearest the Esplanade, Stockton Ave. and the shopping district.

Previous reports have confused the nomenclature and the plans simply list the abutments as Eastern and Western. For clarification, where the plans call out the Western Abutment, that will be considered Abutment 1; where the plans call out the Eastern Abutment, that will be considered Abutment 4.

REVISIONS

NBI Item 37 - Historical Significance for this bridge was updated due to an evaluation by the Caltrans Environmental Program to Code 2 - Eligible for National Register listing.

CONDITION OF STRUCTURE

On 5/8/2007 Steve Jesberg, the Public Works Director for the City of Capitola, met us on site during our inspection to discuss the inspection procedures and some future plans for the structure.

CONDITION TEXT

As previously reported, there are heavy random cracks in the deck throughout. These cracks are moderate to severe in size and density (up to 5mm in size and 1-3' OC). The deck is also heavily weathered and abraded in areas. There is an outstanding work recommendation from 2001 to seal the cracks with methacrylate resin that should be completed.

Also as previously reported, there are spalls with exposed reinforcement in several of the concrete barrier rail vertical post elements. Both left and right rails are affected. The issue appears to have been thin cover of the steel with concrete. There is an outstanding work recommendation from 2001 to patch the spalls that should be completed.

Previous reports have detailed an extensive history of soffit spalling and repairs. On this inspection the following details were noted:

The soffit in Span 1 exhibits a longitudinal crack with efflorescence along the centerline continuing down the pier. The pier area exhibits a black leachate. Previous patches are also evident. There is also a 1/2 SF spall with exposed reinforcing steel.

The soffit in Span 2 exhibits transverse reflective soffit cracks with black leachate. The soffit also exhibits numerous patches from previous spall repairs. There is 1 SF area 20' from Pier 2 and 10' from the right soffit edge that exhibits a wet rusty efflorescent that should be repaired. Midspan there are also 2 exposed reinforcement bars, approximately 6" each. The soffit also exhibits random cracking midspan of moderate intensity. There are also several 5' transverse cracks at the crown of the soffit, some with thin cover.

The soffit in Span 3 is in the worst condition of the soffit spans. Numerous previous patches are evident in the soffit.

The cracks and the spalls in the soffit of all spans should be cleaned, chipped out as necessary and patched and sealed as previously recommended.

Abutment 4 exhibits numerous sealed cracks as previously reported.

This structure does not need an underwater inspection by the dive team. All elements can be inspected by wading and probing with consideration taken for the tidal flows.

On this date, 3-4' of water was in all 3 spans and a wading inspection allowed for all elements to be adequately inspected. No scour was detected.

This structure is in generally good condition for a structure built in 1934 although preventative maintenance as noted above is needed to maintain this condition.

ELEMENT INSPECTION RATINGS

F#	Elem	Element Description	Env	Total Qty	Units	Qty in each Condition State St. 1	St. 2	St. 3	St. 4	St. 5
101	12	Concrete Deck - Bare	3	560	sq.m.	0	560	0	0	0
101	105	Reinforced Concrete Closed Webs/Box Girder	3	42	m.	0	42	0	0	0
101	210	Reinforced Conc Pier Wall	3	27	m.	0	27	0	0	0
101	215	Reinforced Conc Abutment	3	27	m.	0	27	0	0	0
101	256	Slope Protection	2	2	ea.	2	0	0	0	0
101	339	Concrete Railing (aesthetic/masonry)	4	96	m.	91	0	5	0	0

F#Elem	Element Description	Env	Total Qty	Units	Qty in each Condition State St. 1	St. 2	St. 3	St. 4	St. 5
101 358	Deck Cracking	4	1	ea.	0	0	0	1	0
101 359	Soffit of Concrete Deck or Slab	4	1	ea.	0	0	0	1	0

WORK RECOMMENDATIONS

RecDate: 05/02/2001	EstCost:		Patch the spalls in barrier elements. The
Action : Railing-Repair	StrTarget:	2 YEARS	spalls are due to thin cover.
Work By: LOCAL AGENCY	DistTarget:		
Status : PROPOSED	EA:		
RecDate: 05/02/2001	EstCost:		Seal the deck cracks with methacrylate
Action : Deck-Methacrylat	StrTarget:	2 YEARS	resin.
Work By: LOCAL AGENCY	DistTarget:		
Status : PROPOSED	EA:		
RecDate: 08/10/1999	EstCost:		Repair spalled areas in the deck soffit.
Action : Super-Patch spal	StrTarget:	2 YEARS	See report for details.
Work By: LOCAL AGENCY	DistTarget:		
Status : PROPOSED	EA:		

Inspected By : Daniel Zuhlke

Registered Civil Engineer

REGISTERED PROFESSIONAL ENGINEER
DANIEL LUDWIG ZUHLKE
C 61330
EXP. 06-30-~~2007~~ 2009
CIVIL
STATE OF CALIFORNIA

STRUCTURE INVENTORY AND APPRAISAL REPORT

********** IDENTIFICATION **********

(1) STATE NAME- CALIFORNIA 069
(8) STRUCTURE NUMBER **36C0110**
(5) INVENTORY ROUTE(ON/UNDER)- ON 1500E1740
(2) HIGHWAY AGENCY DISTRICT 05
(3) COUNTY CODE 087 (4) PLACE CODE 11040
(6) FEATURE INTERSECTED- SOQUEL CREEK
(7) FACILITY CARRIED- STOCKTON AVE
(9) LOCATION- 0.05 MI E OF WHARF RD
(11) MILEPOINT/KILOMETERPOINT 0
(12) BASE HIGHWAY NETWORK- NOT ON NET 0
(13) LRS INVENTORY ROUTE & SUBROUTE
(16) LATITUDE 36 DEG 58 MIN 22 SEC
(17) LONGITUDE 121 DEG 57 MIN 07 SEC
(98) BORDER BRIDGE STATE CODE % SHARE %
(99) BORDER BRIDGE STRUCTURE NUMBER

******** STRUCTURE TYPE AND MATERIAL *********

(43) STRUCTURE TYPE MAIN:MATERIAL- CONCRETE CONT
TYPE- BOX BEAM OR GIRDER - MULTI CODE 205
(44) STRUCTURE TYPE APPR:MATERIAL- NOT APPLICABLE
TYPE- NOT APPLICABLE CODE
(45) NUMBER OF SPANS IN MAIN UNIT 3
(46) NUMBER OF APPROACH SPANS 0
(107) DECK STRUCTURE TYPE- CIP CONCRETE CODE 1
(108) WEARING SURFACE / PROTECTIVE SYSTEM:
A) TYPE OF WEARING SURFACE- CONCRETE CODE 1
B) TYPE OF MEMBRANE- NONE CODE 0
C) TYPE OF DECK PROTECTION- NONE CODE 0

********** AGE AND SERVICE **********

(27) YEAR BUILT 1934
(106) YEAR RECONSTRUCTED 0000
(42) TYPE OF SERVICE: ON- HIGHWAY-PEDESTRIAN 5
UNDER- WATERWAY 5
(28) LANES:ON STRUCTURE 02 UNDER STRUCTURE 00
(29) AVERAGE DAILY TRAFFIC 7600
(30) YEAR OF ADT 1978 (109) TRUCK ADT 10 %
(19) BYPASS, DETOUR LENGTH 3 KM

********** GEOMETRIC DATA **********

(48) LENGTH OF MAXIMUM SPAN 25.9 M
(49) STRUCTURE LENGTH 42.1 M
(50) CURB OR SIDEWALK: LEFT 1.9 M RIGHT 1.8 M
(51) BRIDGE ROADWAY WIDTH CURB TO CURB 9.1 M
(52) DECK WIDTH OUT TO OUT 13.4 M
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS) 9.1 M
(33) BRIDGE MEDIAN- NO MEDIAN 0
(34) SKEW 0 DEG (35) STRUCTURE FLARED NO
(10) INVENTORY ROUTE MIN VERT CLEAR 99.99 M
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR 9.1 M
(53) MIN VERT CLEAR OVER BRIDGE RDWY 99.99 M
(54) MIN VERT UNDERCLEAR REF- NOT H/RR 0.00 M
(55) MIN LAT UNDERCLEAR RT REF- NOT H/RR 0.0 M
(56) MIN LAT UNDERCLEAR LT 0.0 M

********** NAVIGATION DATA **********

(38) NAVIGATION CONTROL- NO CONTROL CODE 0
(111) PIER PROTECTION- CODE
(39) NAVIGATION VERTICAL CLEARANCE 0.0 M
(116) VERT-LIFT BRIDGE NAV MIN VERT CLEAR M
(40) NAVIGATION HORIZONTAL CLEARANCE 0.0 M

****

SUFFICIENCY RATING = 60.2
STATUS STRUCTURALLY DEFICIENT
HEALTH INDEX 69.0
PAINT CONDITION INDEX = N/A

********** CLASSIFICATION ********** CODE

(112) NBIS BRIDGE LENGTH- YES Y
(104) HIGHWAY SYSTEM- NOT ON NHS 0
(26) FUNCTIONAL CLASS- MINOR ARTERIAL URBAN 16
(100) DEFENSE HIGHWAY- NOT STRAHNET 0
(101) PARALLEL STRUCTURE- NONE EXISTS N
(102) DIRECTION OF TRAFFIC- 2 WAY 2
(103) TEMPORARY STRUCTURE-
(105) FED.LANDS HWY- NOT APPLICABLE 0
(110) DESIGNATED NATIONAL NETWORK - NOT ON NET 0
(20) TOLL- ON FREE ROAD 3
(21) MAINTAIN- CITY OR MUNICIPAL HIGHWAY AGENCY 04
(22) OWNER- CITY OR MUNICIPAL HIGHWAY AGENCY 04
(37) HISTORICAL SIGNIFICANCE- NOT ELIGIBLE 5

********** CONDITION ********** CODE

(58) DECK 3
(59) SUPERSTRUCTURE 5
(60) SUBSTRUCTURE 6
(61) CHANNEL & CHANNEL PROTECTION 7
(62) CULVERTS N

********* LOAD RATING AND POSTING ********* CODE

(31) DESIGN LOAD- OTHER OR UNKNOWN 0
(63) OPERATING RATING METHOD- LOAD FACTOR 1
(64) OPERATING RATING- 53.5
(65) INVENTORY RATING METHOD- LOAD FACTOR 1
(66) INVENTORY RATING- 32.6
(70) BRIDGE POSTING- EQUAL TO OR ABOVE LEGAL LOADS 5
(41) STRUCTURE OPEN, POSTED OR CLOSED- A
DESCRIPTION- OPEN, NO RESTRICTION

********** APPRAISAL ********** CODE

(67) STRUCTURAL EVALUATION 5
(68) DECK GEOMETRY 3
(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL N
(71) WATER ADEQUACY 7
(72) APPROACH ROADWAY ALIGNMENT 8
(36) TRAFFIC SAFETY FEATURES 0000
(113) SCOUR CRITICAL BRIDGES T

********** PROPOSED IMPROVEMENTS **********

(75) TYPE OF WORK- MISC STRUCTURAL WORK CODE 38
(76) LENGTH OF STRUCTURE IMPROVEMENT 42.1 M
(94) BRIDGE IMPROVEMENT COST $677,000
(95) ROADWAY IMPROVEMENT COST $68,000
(96) TOTAL PROJECT COST $1,015,000
(97) YEAR OF IMPROVEMENT COST ESTIMATE 1999
(114) FUTURE ADT 10000
(115) YEAR OF FUTURE ADT 2015

********** INSPECTIONS **********

(90) INSPECTION DATE 05/07 (91) FREQUENCY 24 MO
(92) CRITICAL FEATURE INSPECTION: (93) CFI DATE
A) FRACTURE CRIT DETAIL- NO MO A)
B) UNDERWATER INSP- NO 60 MO B) 10/94
C) OTHER SPECIAL INSP- NO MO C)

Printed on: Monday 10/01/2007 03:57 PM

36C0110/AAAE/11017

Item 3 C.

DEPARTMENT OF TRANSPORTATION
Structure Maintenance & Investigations

Bridge Number : 36C0110
Facility Carried: STOCKTON AVE
Location : 0.05 MI E OF WHARF RD
City : CAPITOLA
Inspection Date : 05/25/2005

Bridge Inspection Report

Inspection Type

Routine	FC	Underwater	Special	Other
X				

STRUCTURE NAME: SOQUEL CREEK

CONSTRUCTION INFORMATION

Year Built : 1934
Year Widened: N/A
Length (m) : 42.1
Skew (degrees): 0
No. of Joints : 0
No. of Hinges : 0

Structure Description: RC continuous box girder with parabolic soffit on 2 solid wall piers and diaphragm abutments all on timber piles.

Span Configuration : 1 @ 7.92 m, 1 @ 25.91 m, 1 @ 7.92 m

LOAD CAPACITY AND RATINGS

Design Live Load: OTHER OR UNKNOWN
Inventory Rating: 32.6 metric tons Calculation Method: LOAD FACTOR
Operating Rating: 53.5 metric tons Calculation Method: LOAD FACTOR
Permit Rating : PPPPP
Posting Load : Type 3 N/A Type 3S2 N/A Type 3-3 N/A

DESCRIPTION ON STRUCTURE

Deck X-Section: 1.86 m sw, 9.05 m, 1.83 m sw
Total Width: 13.4 m Net Width: 9.1 m No. of Lanes: 2
Rail Description: Concrete aesthetic (339) Rail Code : 0000
Min. Vertical Clearance: Unimpaired

DESCRIPTION UNDER STRUCTURE

Channel Description: Sandy beach outlet

CONDITION TEXT

NOMENCLATURE

Abutment 1 is located nearest to the Esplanade (Zelda's and the shopping district).

CONDITION OF STRUCTURE

As previously reported, there are heavy random cracks in the deck throughout. These cracks are moderate to severe in size and density. The deck is also heavily abraded in areas. There is an outstanding work recommendation from 2001 to seal the cracks with methacrylate resin that should be completed.

Also as previously reported, there are spalls with exposed reinforcement in several of the concrete barrier vertical post elements. Both left and right rails are affected. There is an outstanding work recommendation from 2001 to patch the spalls that should be completed.

Previous reports have detailed an extensive history of soffit spalling and repairs. On this inspection the following details were noted:

The soffit in Span 1 exhibits a longitudinal crack with efflorescence along the centerline continuing down the pier. The pier area exhibits a black leachate. Previous patches are also evident.

CONDITION TEXT

The soffit in Span 2 exhibits transverse reflective soffit cracks with black leachate. The soffit also exhibits numerous patches from previous spall repairs. There is 1 SF area 20' from Pier 2 and 10' from the right soffit edge that exhibits a wet rusty efflorescent that should be repaired. Midspan there are also 2 exposed reinforcement bars, approximately 6" each. The soffit also exhibits random cracking midspan of moderate intensity. There are also several 5' transverse cracks at the crown of the soffit, some with thin cover. All these areas should be chipped out and repaired.

The soffit in Span 3 is in the worst condition of the soffit spans. Numerous previous patches are evident in the soffit.

Abutment 4 exhibits numerous sealed cracks as previously reported.

This structure is in generally good condition for a structure built in 1934 although preventative maintenance as noted above is needed to maintain this condition.

UNDERWATER INVESTIGATION

This structure does not need an underwater inspection by the dive team. All elements can be inspected by wading and probing with consideration taken for the tidal flows.

On this date, 3-4' of water was in all 3 spans and a wading inspection allowed for all elements to be adequately inspected. No scour was detected.

ELEMENT INSPECTION RATINGS

F#Elem	Element Description	Env	Total Qty	Units	Qty in each Condition State St. 1	St. 2	St. 3	St. 4	St. 5
01 12	Concrete Deck - Bare	3	560	sq.m.	0	560	0	0	0
01 105	Reinforced Concrete Closed Webs/Box Girder	3	42	m.	0	42	0	0	0
01 210	Reinforced Conc Pier Wall	3	27	m.	0	27	0	0	0
01 215	Reinforced Conc Abutment	3	27	m.	0	27	0	0	0
01 256	Slope Protection	2	2	ea.	2	0	0	0	0
01 339	Concrete Railing (aesthetic/masonry)	4	96	m.	91	0	5	0	0
01 358	Deck Cracking	4	1	ea.	0	0	0	1	0
01 359	Soffit of Concrete Deck or Slab	4	1	ea.	0	0	0	1	0

WORK RECOMMENDATIONS

RecDate: 05/02/2001 EstCost:
Action : Railing-Repair StrTarget: 2 YEARS
Work By: LOCAL AGENCY DistTarget:
Status : PROPOSED EA:
Patch spalls in barrier elements. The spalls are due to thin cover.

RecDate: 05/02/2001 EstCost:
Action : Deck-Methacrylat StrTarget: 2 YEARS
Work By: LOCAL AGENCY DistTarget:
Status : PROPOSED EA:
Seal deck cracks with methacrylate.

RecDate: 08/10/1999 EstCost:
Action : Super-Patch spal StrTarget: 2 YEARS
Work By: LOCAL AGENCY DistTarget:
Status : PROPOSED EA:
Repair spalled areas in the deck soffit. See report for details.

Inspected By : Daniel Zuhlke

Registered Civil Engineer



STRUCTURE INVENTORY AND APPRAISAL REPORT

********** IDENTIFICATION **********

(1) STATE NAME- CALIFORNIA 069
(8) STRUCTURE NUMBER **36C0110**
(5) INVENTORY ROUTE(ON/UNDER)- ON 1500E1740
(2) HIGHWAY AGENCY DISTRICT 05
(3) COUNTY CODE 087 (4) PLACE CODE 11040
(6) FEATURE INTERSECTED- SOQUEL CREEK
(7) FACILITY CARRIED- STOCKTON AVE
(9) LOCATION- 0.05 MI E OF WHARF RD
(11) MILEPOINT/KILOMETERPOINT 0
(12) BASE HIGHWAY NETWORK- NOT ON NET 0
(13) LRS INVENTORY ROUTE & SUBROUTE
(16) LATITUDE 36 DEG 58 MIN 22 SEC
(17) LONGITUDE 121 DEG 57 MIN 07 SEC
(98) BORDER BRIDGE STATE CODE % SHARE %
(99) BORDER BRIDGE STRUCTURE NUMBER

******** STRUCTURE TYPE AND MATERIAL *********

(43) STRUCTURE TYPE MAIN:MATERIAL- CONCRETE CONT
TYPE- BOX BEAM OR GIRDER - MULTI CODE 205
(44) STRUCTURE TYPE APPR:MATERIAL- NOT APPLICABLE
TYPE- NOT APPLICABLE CODE
(45) NUMBER OF SPANS IN MAIN UNIT 3
(46) NUMBER OF APPROACH SPANS 0
(107) DECK STRUCTURE TYPE- CIP CONCRETE CODE 1
(108) WEARING SURFACE / PROTECTIVE SYSTEM:
A) TYPE OF WEARING SURFACE- CONCRETE CODE 1
B) TYPE OF MEMBRANE- NONE CODE 0
C) TYPE OF DECK PROTECTION- NONE CODE 0

********** AGE AND SERVICE **********

(27) YEAR BUILT 1934
(106) YEAR RECONSTRUCTED 0000
(42) TYPE OF SERVICE: ON- HIGHWAY-PEDESTRIAN 5
UNDER- WATERWAY 5
(28) LANES:ON STRUCTURE 02 UNDER STRUCTURE 00
(29) AVERAGE DAILY TRAFFIC 7600
(30) YEAR OF ADT 1978 (109) TRUCK ADT 10 %
(19) BYPASS, DETOUR LENGTH 3 KM

********** GEOMETRIC DATA **********

(48) LENGTH OF MAXIMUM SPAN 25.9 M
(49) STRUCTURE LENGTH 42.1 M
(50) CURB OR SIDEWALK: LEFT 1.9 M RIGHT 1.8 M
(51) BRIDGE ROADWAY WIDTH CURB TO CURB 9.1 M
(52) DECK WIDTH OUT TO OUT 13.4 M
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS) 9.1 M
(33) BRIDGE MEDIAN- NO MEDIAN 0
(34) SKEW 0 DEG (35) STRUCTURE FLARED NO
(10) INVENTORY ROUTE MIN VERT CLEAR 99.99 M
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR 9.1 M
(53) MIN VERT CLEAR OVER BRIDGE RDWY 99.99 M
(54) MIN VERT UNDERCLEAR REF- NOT H/RR 0.00 M
(55) MIN LAT UNDERCLEAR RT REF- NOT H/RR 0.0 M
(56) MIN LAT UNDERCLEAR LT 0.0 M

********** NAVIGATION DATA **********

(38) NAVIGATION CONTROL- NO CONTROL CODE 0
(111) PIER PROTECTION- CODE
(39) NAVIGATION VERTICAL CLEARANCE 0.0 M
(116) VERT-LIFT BRIDGE NAV MIN VERT CLEAR M
(40) NAVIGATION HORIZONTAL CLEARANCE 0.0 M

****

SUFFICIENCY RATING = 60.2
STATUS STRUCTURALLY DEFICIENT
HEALTH INDEX 69.0
PAINT CONDITION INDEX = N/A

********** CLASSIFICATION ********** CODE

(112) NBIS BRIDGE LENGTH- YES Y
(104) HIGHWAY SYSTEM- NOT ON NHS 0
(26) FUNCTIONAL CLASS- MINOR ARTERIAL URBAN 16
(100) DEFENSE HIGHWAY- NOT STRAHNET 0
(101) PARALLEL STRUCTURE- NONE EXISTS N
(102) DIRECTION OF TRAFFIC- 2 WAY 2
(103) TEMPORARY STRUCTURE-
(105) FED.LANDS HWY- NOT APPLICABLE 0
(110) DESIGNATED NATIONAL NETWORK - NOT ON NET 0
(20) TOLL- ON FREE ROAD 3
(21) MAINTAIN- CITY OR MUNICIPAL HIGHWAY AGENCY 04
(22) OWNER- CITY OR MUNICIPAL HIGHWAY AGENCY 04
(37) HISTORICAL SIGNIFICANCE- NOT ELIGIBLE 5

********** CONDITION ********** CODE

(58) DECK 3
(59) SUPERSTRUCTURE 5
(60) SUBSTRUCTURE 6
(61) CHANNEL & CHANNEL PROTECTION 7
(62) CULVERTS N

********** LOAD RATING AND POSTING ********** CODE

(31) DESIGN LOAD- OTHER OR UNKNOWN 0
(63) OPERATING RATING METHOD- LOAD FACTOR 1
(64) OPERATING RATING- 53.5
(65) INVENTORY RATING METHOD- LOAD FACTOR 1
(66) INVENTORY RATING- 32.6
(70) BRIDGE POSTING- EQUAL TO OR ABOVE LEGAL LOADS 5
(41) STRUCTURE OPEN, POSTED OR CLOSED- A
DESCRIPTION- OPEN, NO RESTRICTION

********** APPRAISAL ********** CODE

(67) STRUCTURAL EVALUATION 5
(68) DECK GEOMETRY 3
(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL N
(71) WATER ADEQUACY 7
(72) APPROACH ROADWAY ALIGNMENT 8
(36) TRAFFIC SAFETY FEATURES 0000
(113) SCOUR CRITICAL BRIDGES T

********** PROPOSED IMPROVEMENTS **********

(75) TYPE OF WORK- MISC STRUCTURAL WORK CODE 38
(76) LENGTH OF STRUCTURE IMPROVEMENT 42.1 M
(94) BRIDGE IMPROVEMENT COST $677,000
(95) ROADWAY IMPROVEMENT COST $68,000
(96) TOTAL PROJECT COST $1,015,000
(97) YEAR OF IMPROVEMENT COST ESTIMATE 1999
(114) FUTURE ADT 10000
(115) YEAR OF FUTURE ADT 2015

********** INSPECTIONS **********

(90) INSPECTION DATE 05/05 (91) FREQUENCY 24 MO
(92) CRITICAL FEATURE INSPECTION: (93) CFI DATE
A) FRACTURE CRIT DETAIL- NO MO A)
B) UNDERWATER INSP- NO 60 MO B) 10/94
C) OTHER SPECIAL INSP- NO MO C)

DEPARTMENT OF TRANSPORTATION
Structure Maintenance & Investigations

Bridge Number : 36C0110
Facility Carried: STOCKTON AVE
Location : 0.05 MI E OF WHARF RD
City : CAPITOLA
Inspection Date : 05/07/2003
Inspection Type

Routine	Group A	Underwater	Special	Other
X				

Bridge Inspection Report

STRUCTURE NAME: SOQUEL CREEK

CONSTRUCTION INFORMATION

Year Built : 1934
Year Widened: N/A
Length (m) : 42.1
Skew (degrees): 0
No. of Joints : 0
No. of Hinges : 0

Structure Description: RC continuous box girder with parabolic soffit on solid wall piers and diaphragm abutments all on timber piles.

Span Configuration : 1 @ 7.92 m, 1 @ 25.91 m, 1 @ 7.92 m

LOAD CAPACITY AND RATINGS

Design Live Load: OTHER OR UNKNOWN
Inventory Rating: 32.6 metric tons Calculation Method: LOAD FACTOR
Operating Rating: 53.5 metric tons Calculation Method: LOAD FACTOR
Permit Rating : PPPPP
Posting Load : Type 3 N/A Type 3S2 N/A Type 3-3 N/A

DESCRIPTION ON STRUCTURE

Deck X-Section: 1.86 m sw, 9.05 m, 1.83 m sw
Total Width: 13.4 m Net Width: 9.1 m No. of Lanes: 2
Rail Description: Concrete (aesthetic) Rail Code : 0000
Min. Vertical Clearance: Unimpaired

DESCRIPTION UNDER STRUCTURE

Channel Description: Sand with slope protection

CONDITION OF STRUCTURE

As previously reported, there are large transverse cracks in the deck throughout. These cracks are moderate to severe in size and density. The deck is also heavily abraded in areas. There is an outstanding work recommendation to seal the cracks.

Also as previously reported, there are spalls with exposed reinforcement in several of the concrete barrier vertical post elements. Both left and right rails are affected. There is an outstanding work recommendation to patch the spalls.

There are soffit spalls in Spans 1, 2 and 3 with exposed and corroded reinforcement. There are also heavy transverse cracks in the soffit of Span 2 which correspond to the deck cracks. This condition has been previously reported and it appears that some of the spalls have been repaired. The remaining spalls should be repaired as well.

As previously reported, there is a spall with exposed reinforcement at Pier 2 on the west face. There is also a large area of unsound concrete with imminent spalling near this deficiency. There is an outstanding work recommendation to repair this area.

This structure is in generally good condition for a structure built in 1934.

ELEMENT INSPECTION RATINGS

F #	Elem No.	Element Description	Env	Total Qty	Units	Qty in each Condition State St. 1	St. 2	St. 3	St. 4	St. 5
01	12	Concrete Deck - Bare	3	560	sq.m.	0	560	0	0	0
01	105	Reinforced Concrete Closed Webs/Box Girder	3	42	m.	0	42	0	0	0
01	210	Reinforced Conc Pier Wall	3	27	m.	0	27	0	0	0
01	215	Reinforced Conc Abutment	3	27	m.	0	27	0	0	0
01	256	Slope Protection	2	2	ea.	2	0	0	0	0
01	339	Concrete Railing (aesthetic/masonry)	4	96	m.	91	0	5	0	0
01	358	Deck Cracking	4	1	ea.	0	0	0	1	0
01	359	Soffit of Concrete Deck or Slab	4	1	ea.	0	0	0	1	0

WORK RECOMMENDATIONS

RecDate: 05/02/2001 EstCost:
Action : StrTarget: 2 YEARS
Work By: LOCAL AGENCY DistTarget:
Status : PROPOSED EA:

Remove all unsound concrete at Pier 2 and repair. Clean and patch spall with exposed reinforcement.

RecDate: 05/02/2001 EstCost:
Action : StrTarget: 2 YEARS
Work By: LOCAL AGENCY DistTarget:
Status : PROPOSED EA:

Patch spalls in barrier elements.

RecDate: 05/02/2001 EstCost:
Action : StrTarget: 2 YEARS
Work By: LOCAL AGENCY DistTarget:
Status : PROPOSED EA:

Seal deck cracks with methacrylate.

RecDate: 08/10/1999 EstCost:
Action : StrTarget: 2 YEARS
Work By: LOCAL AGENCY DistTarget:
Status : PROPOSED EA:

Repair spalled areas in the deck soffit. Clean rebar and patch.

Inspected By : Daniel Ludwig Zuhlke

Registered Civil Engineer

REGISTERED PROFESSIONAL ENGINEER
DANIEL LUDWIG ZUHLKE
C 61330
EXP. 06-30-2005
CIVIL
STATE OF CALIFORNIA

STRUCTURE INVENTORY AND APPRAISAL REPORT

********** IDENTIFICATION **********

(1) STATE NAME- CALIFORNIA 069
(8) STRUCTURE NUMBER **36C0110**
(5) INVENTORY ROUTE(ON/UNDER)- ON 1500E1740
(2) HIGHWAY AGENCY DISTRICT 05
(3) COUNTY CODE 087 (4) PLACE CODE 11040
(6) FEATURE INTERSECTED- SOQUEL CREEK
(7) FACILITY CARRIED- STOCKTON AVE
(9) LOCATION- 0.05 MI E OF WHARF RD
(11) MILEPOINT/KILOMETERPOINT 0
(12) BASE HIGHWAY NETWORK- NOT ON NET 0
(13) LRS INVENTORY ROUTE & SUBROUTE
(16) LATITUDE 36 DEG 58 MIN 22 SEC
(17) LONGITUDE 121 DEG 57 MIN 07 SEC
(98) BORDER BRIDGE STATE CODE % SHARE %
(99) BORDER BRIDGE STRUCTURE NUMBER

******** STRUCTURE TYPE AND MATERIAL *********

(43) STRUCTURE TYPE MAIN:MATERIAL- CONCRETE CONT
TYPE- BOX BEAM OR GIRDER - MULTI CODE 205
(44) STRUCTURE TYPE APPR:MATERIAL-
TYPE- OTHER CODE 000
(45) NUMBER OF SPANS IN MAIN UNIT 3
(46) NUMBER OF APPROACH SPANS 0
(107) DECK STRUCTURE TYPE- CIP CONCRETE CODE 1
(108) WEARING SURFACE / PROTECTIVE SYSTEM:
A) TYPE OF WEARING SURFACE- CONCRETE CODE 1
B) TYPE OF MEMBRANE- NONE CODE 0
C) TYPE OF DECK PROTECTION- NONE CODE 0

********** AGE AND SERVICE **********

(27) YEAR BUILT 1934
(106) YEAR RECONSTRUCTED 0000
(42) TYPE OF SERVICE: ON- HIGHWAY-PEDESTRIAN 5
UNDER- WATERWAY 5
(28) LANES: ON STRUCTURE 02 UNDER STRUCTURE
(29) AVERAGE DAILY TRAFFIC 7600
(30) YEAR OF ADT 1978 (109) TRUCK ADT 10 %
(19) BYPASS, DETOUR LENGTH 3 KM

********** GEOMETRIC DATA **********

(48) LENGTH OF MAXIMUM SPAN 25.9M
(49) STRUCTURE LENGTH 42.1M
(50) CURB OR SIDEWALK: LEFT 1.9M RIGHT 1.8M
(51) BRIDGE ROADWAY WIDTH CURB TO CURB 9.1M
(52) DECK WIDTH OUT TO OUT 13.4M
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS) 9.1M
(33) BRIDGE MEDIAN- NO MEDIAN 0
(34) SKEW 0 DEG (35) STRUCTURE FLARED NO
(10) INVENTORY ROUTE MIN VERT CLEAR 99.99M
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR 9.1M
(53) MIN VERT CLEAR OVER BRIDGE RDWY 99.9M
(54) MIN VERT UNDERCLEAR REF- NOT H/RR 0 M
(55) MIN LAT UNDERCLEAR RT REF- NOT H/RR 99.9M
(56) MIN LAT UNDERCLEAR LT 0 M

********** NAVIGATION DATA **********

(38) NAVIGATION CONTROL- NO CONTROL CODE 0
(111) PIER PROTECTION- CODE
(39) NAVIGATION VERTICAL CLEARANCE 0M
(116) VERT-LIFT BRIDGE NAV MIN VERT CLEAR M
(40) NAVIGATION HORIZONTAL CLEARANCE 0M

****

SUFFICIENCY RATING = 60.2
STATUS STRUCTURALLY DEFICIENT
HEALTH INDEX = 69.0
PAINT CONDITION INDEX = N/A

********** CLASSIFICATION ********** CODE

(112) NBIS BRIDGE LENGTH- YES Y
(104) HIGHWAY SYSTEM- NOT ON NHS 0
(26) FUNCTIONAL CLASS- MINOR ARTERIAL URBAN 16
(100) DEFENSE HIGHWAY- NOT STRAHNET 0
(101) PARALLEL STRUCTURE- NONE EXISTS N
(102) DIRECTION OF TRAFFIC- 2 WAY 2
(103) TEMPORARY STRUCTURE-
(105) FED.LANDS HWY-
(110) DESIGNATED NATIONAL NETWORK - NOT ON NET 0
(20) TOLL- ON FREE ROAD 3
(21) MAINTAIN- CITY OR MUNICIPAL HIGHWAY AGENCY 04
(22) OWNER- CITY OR MUNICIPAL HIGHWAY AGENCY 04
(37) HISTORICAL SIGNIFICANCE- NOT ELIGIBLE 5

********** CONDITION ********** CODE

(58) DECK 3
(59) SUPERSTRUCTURE 5
(60) SUBSTRUCTURE 6
(61) CHANNEL & CHANNEL PROTECTION 7
(62) CULVERTS N

******** LOAD RATING AND POSTING ********* CODE

(31) DESIGN LOAD- OTHER OR UNKNOWN 0
(63) OPERATING RATING METHOD- LOAD FACTOR 1
(64) OPERATING RATING- 53.5
(65) INVENTORY RATING METHOD- LOAD FACTOR 1
(66) INVENTORY RATING- 32.6
(70) BRIDGE POSTING- EQUAL TO OR ABOVE LEGAL LOADS 5
(41) STRUCTURE OPEN, POSTED OR CLOSED- A
DESCRIPTION- OPEN, NO RESTRICTION

********** APPRAISAL ********** CODE

(67) STRUCTURAL EVALUATION 5
(68) DECK GEOMETRY 3
(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL N
(71) WATER ADEQUACY 7
(72) APPROACH ROADWAY ALIGNMENT 8
(36) TRAFFIC SAFETY FEATURES 0000
(113) SCOUR CRITICAL BRIDGES U

********** PROPOSED IMPROVEMENTS **********

(75) TYPE OF WORK- MISC STRUCTURAL WORK CODE 38
(76) LENGTH OF STRUCTURE IMPROVEMENT 42.1M
(94) BRIDGE IMPROVEMENT COST $677,000
(95) ROADWAY IMPROVEMENT COST $68,000
(96) TOTAL PROJECT COST $1,015,000
(97) YEAR OF IMPROVEMENT COST ESTIMATE 1999
(114) FUTURE ADT 38000
(115) YEAR OF FUTURE ADT 2021

********** INSPECTIONS **********

(90) INSPECTION DATE 05/03 (91) FREQUENCY 24 MO
(92) CRITICAL FEATURE INSPECTION: (93) CFI DATE
A) FRACTURE CRIT DETAIL- NO -1 MO A)
B) UNDERWATER INSP- NO 60 MO B) 10/94
C) OTHER SPECIAL INSP- NO MO C)



ELEVATION: Looking Westerly, 03B-05-05



ROADWAY: Looking South
05-SCr-Stockton Avenue, Br#36C-0110, Soquel Creek, 05/02/01, 03B-05-06

DEPARTMENT OF TRANSPORTATION
Structure Maintenance & Investigations

Bridge Number : **36C0110**
Facility Carried: **STOCKTON AVE**
Location : **0.05 MI E OF WHARF RD**
City : **CAPITOLA**
Inspection Date : **02-MAY-01**
Inspection Type

Routine	Group A	Underwater	Special	Other
X				

Bridge Inspection Report

Name : SOQUEL CREEK

CONSTRUCTION INFORMATION

Year Built : 1934
Year Widened : N/A
Length (m) : 42.1

Skew (degrees): 0
No. of Joints : 0
No. of Hinges : 0

Description of Structure : RC continuous box girder with parabolic soffit on solid wall piers and diaphragm abutments all on timber piles.

Span Configuration : 1 @ 7.92 m, 1 @ 25.91 m, 1 @ 7.92 m

LOAD CAPACITY AND RATINGS

Design Live Load : OTHER OR UNKNOWN
Inventory Rating : 32.6 metric tons — Calculation Method : LOAD FACTOR
Operating Rating : 53.5 metric tons — Calculation Method : LOAD FACTOR
Permit Rating : PPPPP
Posting Load : Type 3 N/A english tons Type 3S2 N/A english tons Type 3-3 N/A english tons

DESCRIPTION ON STRUCTURE

Bridge width : 1.86 m sw, 9.05 m, 1.83 m sw
Total Width : 13.4 m — Net Width : 9.10 m — No. of Lanes : 2
Rail Description : Concrete (aesthetic) — Rail Code : 0000
Min. Vertical Clearance : Unimpaired

DESCRIPTION UNDER STRUCTURE

Channel Description : Sand with slope protection

WORK DONE

It appears that cracks in the Abutment 1 (south) diaphragm have been sealed.

REVISIONS

The substructure support elements and span configurations appear to have been referenced incorrectly on several inspection reports. Those reports have reversed the span and support numbering. For clarification from this point on, per the ABME Structure Maintenance Procedures Manual Section 2.3 Attachment A - Local Agency Bridge Orientation/Support Nomenclature, supports are numbered from south to north or from west to east as the individual structure is oriented on the site. In cases where the bridge sits on a southwest/southeast orientation, as this one does, the southern most abutment will be Abutment 1.

The 1991 bridge book photos referenced the incorrect nomenclature. They have been corrected. All stream sections are using the correct nomenclature.

CONDITION OF STRUCTURE

There are large transverse cracks in the deck throughout. These cracks are moderate to severe in size and density. The deck is also heavily abraded in areas.

There are spalls with exposed reinforcement in several of the concrete barrier vertical post elements. Both left and right rails are affected.

There are soffit spalls in Spans 2 and 3 with exposed and corroded reinforcement. There are also heavy transverse cracks in the soffit of Span 2 which correspond to the deck cracks.

There is a spall with exposed reinforcement at Pier 2 on the west face (previously reported as Pier 3, incorrectly). There is also a large area of unsound concrete with imminent spalling near this deficiency.

A stream section was taken during this investigation. No appreciable changes from the previous stream

Bridge No.: 36C0110 **Location: 0.05 MI E OF WHARF RD** **Inspection Date: 02-MAY-01**

sections were noted.

This structure is in generally good condition.

ELEMENT LEVEL INSPECTION RATINGS

F#	Elem No.	Element Description	Env	Total Units Quantity	Qty in each Condition State St. 1	St. 2	St. 3	St. 4	St. 5
01	12	Concrete Deck - Bare	3	560 sq.m.	0	560	0	0	0
01	105	Reinforced Concrete Closed Webs/Box Girder	3	42 m.	0	42	0	0	0
01	210	Reinforced Conc Pier Wall	3	27 m.	0	27	0	0	0
01	215	Reinforced Conc Abutment	3	27 m.	0	27	0	0	0
01	256	Slope Protection	2	2 ea.	2	0	0		
01	339	Concrete Railing (aesthetic/masonry)	4	96 m.	91	0	5	0	
01	358	Deck Cracking	4	1 ea.	0	0	0	1	
01	359	Soffit of Concrete Deck or Slab	4	1 ea.	0	0	0	1	0

WORK RECOMMENDATIONS

Repair spalled areas in the deck soffit. Clean rebar and patch.

Item#	Rec. Date	Work By	Work Id.	Prog. Method	Cost
1	10-AUG-1999	City Agency	40110X99222X		

Seal deck cracks with methacrylate.

Item#	Rec. Date	Work By	Work Id.	Prog. Method	Cost
2	02-MAY-2001	City Agency	40110X01122X		

Patch spalls in barrier elements.

Item#	Rec. Date	Work By	Work Id.	Prog. Method	Cost
3	02-MAY-2001	City Agency	40110X01122X		

Remove all unsound concrete at Pier 2 and repair. Clean and patch spall with exposed reinforcement.

Item#	Rec. Date	Work By	Work Id.	Prog. Method	Cost
4	02-MAY-2001	City Agency	40110X01122X		

Inspected By : Mary L. Warrick

Mary L. Warrick

Registered Civil Engineer



CC : Steve Jaques, Hydraulics

Printed on : 07-JUN-2001 02:25:30 PM

Bridge No.: 36C0110 **Location: 0.05 MI E OF WHARF RD** **Inspection Date: 02-MAY-01**

CHANNEL X-SECTION

Side : Upstream
Measured From : top of concrete rail

X-Section Date : 02-MAY-01

Location	Horiz(m)	Vert(m)	Comments
Abutment 1 face	0.40	6.35	
Pier 2	7.40	6.30	
Span 2	15.00	6.90	thalweg
Span 2	21.20	6.80	
Span 2	30.20	6.75	
Pier 3	33.50	6.40	
Abutment 4 face	41.90	4.30	top of wall

Bridge No.: 36C0110 **Location: 0.05 MI E OF WHARF RD** **Inspection Date: 02-MAY-01**

STRUCTURE INVENTORY AND APPRAISAL REPORT

********** IDENTIFICATION **********

(1) STATE NAME - CALIFORNIA 069
(8) STRUCTURE NUMBER 36C0110
(5) INVENTORY ROUTE(ON/UNDER) - ON 1 50 0E1740
(2) HIGHWAY AGENCY DISTRICT 05
(3) COUNTY CODE 087 (4) PLACE CODE 11040
(6) FEATURE INTERSECTED - SOQUEL CREEK
(7) FACILITY CARRIED - STOCKTON AVE
(9) LOCATION - 0.05 MI E OF WHARF RD
(11) MILEPOINT/KILOMETERPOINT 0
(12) BASE HIGHWAY NETWORK - NOT ON NET 0
(13) LRS INVENTORY ROUTE & SUBROUTE
(16) LATITUDE 36 DEG 58 MIN 22 SEC
(17) LONGITUDE 121 DEG 57 MIN 07 SEC
(98) BORDER BRIDGE STATE CODE % SHARE %
(99) BORDER BRIDGE STRUCTURE NUMBER

********** STRUCTURE TYPE AND MATERIAL **********

(43) STRUCTURE TYPE MAIN: MATERIAL - CONCRETE CONT
TYPE - BOX BEAM OR GDR - MULTIPLE CODE 2 05
(44) STRUCTURE TYPE APPR: MATERIAL - OTHER
TYPE - OTHER CODE 000
(45) NUMBER OF SPANS IN MAIN UNIT 3
(46) NUMBER OF APPROACH SPANS 0
(107) DECK STRUCTURE TYPE CIP CONCRETE CODE 1
(108) WEARING SURFACE / PROTECTIVE SYSTEM:
A) TYPE OF WEARING SURFACE - CONCRETE CODE 1
B) TYPE OF MEMBRANE - NONE CODE 0
C) TYPE OF DECK PROTECTION - NONE CODE 0

********** AGE AND SERVICE **********

(27) YEAR BUILT 1934
(106) YEAR RECONSTRUCTED 0000
(42) TYPE OF SERVICE: ON - HIGHWAY-PEDESTRIAN 5
UNDER - WATERWAY 5
(28) LANES: ON STRUCTURE 02 UNDER STRUCTURE
(29) AVERAGE DAILY TRAFFIC 7600
(30) YEAR OF ADT 1998 (109) TRUCK ADT 10%
(19) BYPASS, DETOUR LENGTH 3 KM

********** GEOMETRIC DATA **********

(48) LENGTH OF MAXIMUM SPAN 25.9 M
(49) STRUCTURE LENGTH 42.1 M
(50) CURB OR SIDEWALK: LEFT 1.9 M RIGHT 1.8 M
(51) BRIDGE ROADWAY WIDTH CURB TO CURB 9.1 M
(52) DECK WIDTH OUT TO OUT 13.4 M
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS) 9.1 M
(33) BRIDGE MEDIAN - NO MEDIAN 0
(34) SKEW 0 DEG (35) STRUCTURE FLARED NO
(10) INVENTORY ROUTE MIN VERT CLEAR 99.99 M
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR 9.1 M
(53) MIN VERT CLEAR OVER BRIDGE RDWY 99.99 M
(54) MIN VERT UNDERCLEAR REF - NOT H/RR 0 M
(55) MIN LAT UNDERCLEAR RT REF - NOT H/RR 99.9 M
(56) MIN LAT UNDERCLEAR LT 0 M

********** NAVIGATION DATA **********

(38) NAVIGATION CONTROL - NO CONTROL CODE 0
(111) PIER PROTECTION - CODE
(39) NAVIGATION VERTICAL CLEARANCE 0 M
(116) VERT-LIFT BRIDGE NAV MIN VERT CLEAR M
(40) NAVIGATION HORIZONTAL CLEARANCE 0

****

SUFFICIENCY RATING = 60.2

STATUS = STRUCTURALLY DEFICIENT

HEALTH INDEX = 68.98

********** CLASSIFICATION ********** CODE

(112) NBIS BRIDGE LENGTH - YES Y
(104) HIGHWAY SYSTEM - NOT ON NHS 0
(26) FUNCTIONAL CLASS - MINOR ARTERIAL URBAN 16
(100) DEFENSE HIGHWAY - NOT STRAHNET 0
(101) PARALLEL STRUCTURE - NONE EXISTS N
(102) DIRECTION OF TRAFFIC - 2 WAY 2
(103) TEMPORARY STRUCTURE -
(105) FEDERAL LANDS HIGHWAY -
(110) DESIGNATED NATIONAL NETWORK - NOT ON NET 0
(20) TOLL - ON FREE ROAD 3
(21) MAINTAIN - CITY OR MUNICIPAL HIGHWAY AGENCY 4
(22) OWNER - CITY OR MUNICIPAL HIGHWAY AGENCY 4
(37) HISTORICAL SIGNIFICANCE - NOT ELIGIBLE 5

********** CONDITION ********** CODE

(58) DECK 3
(59) SUPERSTRUCTURE 5
(60) SUBSTRUCTURE 6
(61) CHANNEL & CHANNEL PROTECTION 7
(62) CULVERTS N

********** LOAD RATING AND POSTING ********** CODE

(31) DESIGN LOAD - OTHER OR UNKNOWN 0
(63) OPERATING RATING METHOD - LOAD FACTOR 1
(64) OPERATING RATING - 53.5
(65) INVENTORY RATING METHOD - LOAD FACTOR 1
(66) INVENTORY RATING - 32.6
(70) BRIDGE POSTING - Equal to or above legal loads 5
(41) STRUCTURE OPEN, POSTED OR CLOSED - A
DESCRIPTION - OPEN, NO RESTRICTION

********** APPRAISAL ********** CODE

(67) STRUCTURAL EVALUATION 5
(68) DECK GEOMETRY 3
(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL N
(71) WATER ADEQUACY 7
(72) APPROACH ROADWAY ALIGNMENT 8
(36) TRAFFIC SAFETY FEATURES 0000
(113) SCOUR CRITICAL BRIDGES U

********** PROPOSED IMPROVEMENTS **********

(75) TYPE OF WORK - MISC STRUCTURAL WORK CODE 38
(76) LENGTH OF STRUCTURE IMPROVEMENT 42.1 M
(94) BRIDGE IMPROVEMENT COST $677,000
(95) ROADWAY IMPROVEMENT COST $68,000
(96) TOTAL PROJECT COST $1,015,000
(97) YEAR OF IMPROVEMENT COST ESTIMATE 1999
(114) FUTURE ADT 38000
(115) YEAR OF FUTURE ADT 2021

********** INSPECTIONS **********

(90) INSPECTION DATE 05/01 (91) FREQUENCY 24 MO
(92) CRITICAL FEATURE INSPECTION: (93) CFI DATE
A) FRACTURE CRIT DETAIL - NO -1 MO A)
B) UNDERWATER INSP - NO -1 MO B) 10/94
C) OTHER SPECIAL INSP - NO -1 MO C)

Printed on : 07-JUN-2001 02:25:30 PM

Item 3 C.

DEPARTMENT OF TRANSPORTATION
Structure Maintenance & Investigations

Bridge Number	**36C0110**
Facility Carried	**STOCKTON AVE**
Location	**0 05 MI E OF WHARF RD**
City	**CAPITOLA**
Inspection Date	**10-AUG-99**
Inspection Type	Routine [X] Group A [ ] Underwater [ ] Special [ ] Other [ ]

Bridge Inspection Report

Name SOQUEL CREEK

CONSTRUCTION INFORMATION

Year Built	1934	Skew (degrees)	0
Year Widened	N/A	No of Joints	0
Length (m)	42 1	No of Hinges	

Description of Structure: RC continuous box girder with parabolic soffit on solid wall piers and diaphragm abutments

Span Configuration: 1 @ 7 92 m, 1 @ 25 91 m, 1 @ 7 92 m

LOAD CAPACITY AND RATINGS

Design Live Load	OTHER OR UNKNOWN		
Inventory Rating	32 6 metric tons	Calculation Method	LOAD FACTOR
Operating Rating	53 5 metric tons	Calculation Method	LOAD FACTOR
Permit Rating	PPPPP		
Posting Load	Type 3 N/A english tons	Type 3S2 N/A english tons	Type 3-3 N/A english tons

DESCRIPTION ON STRUCTURE

Bridge width 1 86 m sw, 9 05 m, 1 83 m sw

Total Width	13 4 m	Net Width	9 10 m	No of Lanes	2
Rail Description	Concrete (asthetic)			Rail Code	0000
Min Vertical Clearance	Unimpaired				

DESCRIPTION UNDER STRUCTURE

Channel Description: Sand with slope protection

CONDITION OF STRUCTURE

Spalls in the soffit exist from corroded reinforcing steel

There is spalled concrete in the west side of Pier #3

The structure remains in generally good condition

ELEMENT LEVEL INSPECTION RATINGS

F# Elem No	Element Description	Env	Total Units Quantity	Qty in each Condition State St 1	St 2	St 3	St 4	St 5
01 12	Concrete Deck - Bare	3	560 sq m	0	560	0	0	0
01 105	Reinforced Concrete Closed Webs/Box Girder	3	42 m	0	42	0	0	0
01 210	Reinforced Conc Pier Wall	3	27 m	0	27	0	0	0
01 215	Reinforced Conc Abutment	3	27 m	0	27	0	0	0
01 256	Slope Protection	2	2 ea	2	0	0		
01 339	Concrete Railing (aesthetic/masonry)	4	96 m	96	0	0	0	
01 358	Deck Cracking	4	1 ea	0	0	1	0	
01 359	Soffit of Concrete Deck or Slab	4	1 ea	0	0	0	1	0

Printed on 22-OCT-1999 09 58 44 AM

Bridge No 36C0110 Location 0 05 MI E OF WHARF RD Inspection Date 10-AUG-99

WORK RECOMMENDATIONS

Repaired spalled areas in the deck soffit

Item#	Rec Date	Work By	Work Id	Prog Method	Cost
1	10-AUG-1999	City Agency	40110/99222		

Inspected By E J Budney

Registered Civil Engineer

REGISTERED PROFESSIONAL ENGINEER
E. J. BUDNEY
EXPIRES
06-30-00
No. 36203
CIVIL
STATE OF CALIFORNIA

Printed on 22-OCT-1999 09 58 44 AM

Bridge No 36C0110 Location 0.05 MI E OF WHARF RD Inspection Date 10-AUG-99

STRUCTURE INVENTORY AND APPRAISAL REPORT

* ******************* IDENTIFICATION ** ** *********

(1) STATE NAME - CALIFORNIA 06
(8) STRUCTURE NUMBER 36C0110
(9) INVENTORY ROUTE(ON/UNDER) - ON 1 5 0 0E1740
(2) HIGHWAY AGENCY DISTRICT 05
(3) COUNTY CODE 087 (4) PLACE CODE 11140
(6) FEATURE INTERSECTED - SOQUEL CREEK
(7) FACILITY CARRIED - STOCKTON AVE
(5) LOCATION - 0.05 MI E OF WHARF RD
(11) MILEPOINT/KILOMETERPOINT 0
(12) BASE HIGHWAY NETWORK - NOT ON NET 0
(13) LRS INVENTORY ROUTE & SUBROUTE
(16) LATITUDE 36 DEG 59 MIN 16 SEC
(17) LONGITUDE 121 DEG 7 MIN 06 SEC
(98) BORDER BRIDGE STATE CODE % MAINE *
(99) BORDER BRIDGE STRUCTURE NUMBER

** **** ** ** STRUCTURE TYPE AND MATERIAL **********

(43) STRUCTURE TYPE MAIN MATERIAL - CONCRETE CONT
TYPE BO BEAM OR GDR - MULTIPLE CODE 2 0 0
(44) STRUCTURE TYPE APPR MATERIAL - OTHER
TYPE OTHER CODE 0 0 0
(45) NUMBER OF SPANS IN MAIN UNIT 3
(46) NUMBER OF APPROACH SPANS 0
(107) DECK STRUCTURE TYPE CIP CONCRETE CODE 1
(108) WEARING SURFACE PROTECTIVE SYSTEM
A) TYPE OF WEARING SURFACE - CONCRETE CODE 1
B) TYPE OF MEMBRANE - NONE CODE 0
C) TYPE OF DECK PROTECTION - NONE CODE 0

*** ************ AGE AND SERVICE * ** ** ** * **

(27) YEAR BUILT 1934
(106) YEAR RECONSTRUCTED 0000
(42) TYPE OF SERVICE ON - HIGHWAY-PEDESTRIAN
UNDER - WATERWAY 5
(28) LANES ON STRUCTURE 02 UNDER STRUCTURE 00
(29) AVERAGE DAILY TRAFFIC 760
(30) YEAR OF ADT 1998 (109) TRUCK ADT 10%
(114) BYPASS DETOUR LENGTH 5 KM

***** ********* GEOMETRIC DATA * ***** ** ** ****

(48) LENGTH OF MAXIMUM SPAN 25.9 M
(49) STRUCTURE LENGTH 42.1 M
(50) CURB OR SIDEWALK LEFT 1.8 M RIGHT 1.8 M
(51) BRIDGE ROADWAY WIDTH CURB TO CURB 7.1 M
(52) DECK WIDTH OUT TO OUT 13.4 M
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS) 9.1 M
(33) BRIDGE MEDIAN NO MEDIAN 0
(34) SKEW 0 DEG (35) STRUCTURE FLARED NO
(10) INVENTORY ROUTE MIN VERT CLEAR 99.99 M
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR 7.1 M
(53) MIN VERT CLEAR OVER BRIDGE RDWY 99.99 M
(54) MIN VERT UNDERCLEAR REF - NOT H/RR 0 M
(55) MIN LAT UNDERCLEAR RT REF - NOT H/RR 99.9 M
(56) MIN LAT UNDERCLEAR LT 0 M

*** * *** ******* * NAVIGATION DATA *** * *********

(38) NAVIGATION CONTROL - NO CONTROL CODE 0
(111) PIER PROTECTION - CODE
(39) NAVIGATION VERTICAL CLEARANCE 0 M
(116) VERT-LIFT BRIDGE NAV MIN VERT CLEAR M
(40) NAVIGATION HORIZONTAL CLEARANCE 0

*** * ****************** ********* *** ** **** ***** *

SUFFICIENCY RATING = 60.2
STATUS = STRUCTURALLY DEFICIENT
HEALTH INDEX 68.98

** *** ** ***** CLASSIFICATION ****** *** ** * CODE

(112) NBIS BRIDGE LENGTH - YES Y
(104) HIGHWAY SYSTEM - NOT ON NHS 0
(26) FUNCTIONAL CLASS - MINOR ARTERIAL URBAN 16
(100) DEFENSE HIGHWAY - NOT STRAHNET 0
(101) PARALLEL STRUCTURE - NONE EXIST N
(102) DIRECTION OF TRAFFIC - 2 WAY 2
(103) TEMPORARY STRUCTURE -
(104) FEDERAL LANDS HIGHWAY -
(110) DESIGNATED NATIONAL NETWORK - NOT ON NET 0
(100) TOLL - ON FREE ROAD 3
(21) MAINTAIN - CITY OR MUNICIPAL HIGHWAY AGENCY 4
(22) OWNER - CITY OF MUNICIPAL HIGHWAY AGENCY 4
(37) HISTORICAL SIGNIFICANCE - NOT ELIGIBLE 5

***************** CONDITION *** * *** ****** ** CODE

(58) DECK 3
(59) SUPERSTRUCTURE 5
(60) SUBSTRUCTURE 6
(61) CHANNEL & CHANNEL PROTECTION 7
(62) CULVERTS N

************ LOAD RATING AND POSTING *** ***** * CODE

(31) DESIGN LOAD - OTHER OR UNKNOWN 0
(63) OPERATING RATING METHOD - LOAD FACTOR 1
(64) OPERATING RATING - 33.0
(65) INVENTORY RATING METHOD - LOAD FACTOR 1
(66) INVENTORY RATING - 20.0
(70) BRIDGE POSTING - Equal to or above legal loads 5
(41) STRUCTURE OPEN POSTED OR CLOSED - A
OPEN RESTRICTION - OPEN NO RESTRICTION

** * * * * ** APPRAISAL * CODE

(67) STRUCTURAL EVALUATION 5
(68) DECK GEOMETRY 3
(69) UNDERCLEARANCES VERTICAL & HORIZONTAL N
(71) WATER ADEQUACY 7
(72) APPROACH ROADWAY ALIGNMENT 6
(36) TRAFFIC SAFETY FEATURES 0000
(113) SCOUR CRITICAL BRIDGES U

*************** PROPOSED IMPROVEMENTS **** *** ******

(75) TYPE OF WORK - MISC STRUCTURAL WORK CODE 38
(76) LENGTH OF STRUCTURE IMPROVEMENT 42.1M
(94) BRIDGE IMPROVEMENT COST $677,000
(95) ROADWAY IMPROVEMENT COST $68,000
(96) TOTAL PROJECT COST $1,015,000
(97) YEAR OF IMPROVEMENT COST ESTIMATE 1999
(114) FUTURE ADT 2000
(115) YEAR OF FUTURE ADT 2021

* ********* **** *** INSPECTIONS **** ***************

(90) INSPECTION DATE 08/99 (91) FREQUENCY 24 MO
(92) CRITICAL FEATURE INSPECTION (93) CFI DATE
A) FRACTURE CRIT DETAIL - NO -1 MO A)
B) UNDERWATER INSP - NO -1 MO B) 10/44
C) OTHER SPECIAL INSP - NO -1 MO C)

Printed on 22-OCT-1999 09 58 44 AM

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

Bridge No. 36C-0110

SUPPLEMENTARY BRIDGE REPORT
DS-M19(REV.1-90)

Location 04-SCr-FAU E174-Cptl
Dist.,Co.,Rte.,PM,City

Date of Investigation 4-4-96

Name SOQUEL CREEK (Stockton Avenue)

RATINGS:

[71] **Waterway Adequacy** 7 [61] **Channel & Channel Protection** 7 [72] **Approach Rdwy Align.** 8

TYPE OF INVESTIGATION/REPORT

Biennial	X	**Group A**		**Other**	
Damage		**Underwater**		**Office**	

WORK DONE
The spall in the soffit at Span 3 has been patched.

CONDITION OF STRUCTURE
The timber retaining wall along the front face of Abutment 1 is beginning to deteriorate.

There is a spall with exposed reinforcing steel in the northerly face of Pier 3.

The structure remains in generally good condition.

WORK RECOMMENDED
1. Repair the timber retaining wall along the front face of Abutment 1.

2. Patch the spall in the north face of Pier 3.

E. J. Budney
Registered Civil Engineer

EJB:mst



********** STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION **********

E L E M E N T L E V E L I N S P E C T I O N - (E L I)

BRIDGE NUMBER: 36C0110 (1–8) | FRAME: 01 (9) | INSPECTION DATE: [redacted] C4C496 (11–16)

INFORMATION ONLY - NOT FOR UPDATE

SCOUR CRITICAL	NO
GROUP A INVESTIGATION	NO
FRACTURE CRITICAL	NO
ELIGIBLE FOR RAIL UPGRADE	NO
UNDERWATER INVESTIGATION	YES

DISTRICT: 05
COUNTY: SCR
ROUTE:
POSTMILE:
NAME:

DEL	ELE #	ELEMENT DESCRIPTION	ENV	TOTAL QUANTITY	UNITS	QUANT CONDITION STATE 1	QUANT CONDITION STATE 2	QUANT CONDITION STATE 3	QUANT CONDITION STATE 4	QUANT CONDITION STATE 5
	12	CONCRETE DECK - BARE	3	1	EA		1			
	105	REINFORCED CONCRETE CLOSED WEB/BOX GIRDER	3	42	M		42			
	210	REINFORCED CONCRETE PIER WALL	3	27	M		27			
	215	REINFORCED CONCRETE ABUTMENT	3	27	M		27			
	331	CONCRETE BRIDGE RAILING	3	96	M		96			

(18–19 | 22–23 | 28 | 33 | 38 | 43 | 48)

04/19/96 03B ED BUDNEY

BY: _____

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

SUPPLEMENTARY BRIDGE REPORT
DS-M19(REV.9-93)

Bridge No. 36C-0110

Location 04-SCR-FAU-E190-Cpt1
Dist.,Co.,Rte.,PM,City

Date of Investigation 10/25/94

Name SOQUEL CREEK (Stockton Avenue)

RATINGS:

[71] **Waterway Adequacy**_____ [61] **Channel & Channel Protection** _____ [72] **Approach Rdwy Align.**_____

TYPE OF INVESTIGATION/REPORT

Biennial	_____	**Group A**	_____	**Other**	_____
Damage	_____	**Underwater**	X	**Office**	_____

UNDERWATER INVESTIGATION - TYPE A
Divers: T. Traina, R. Hunt, E. Kaslan
Water Type: Brackish
Visibility: 0.5 m (1.5 ft)

SUBSTRUCTURE INVESTIGATED:

Location	Depth M (ft)	Velocity mps (fps)	Channel	Pier Type
B2	1 (3.3)	NIL	MUD	RC Pier Wall
B3	1.2 (4)	NIL	MUD	RC Pier Wall

CONDITION OF STRUCTURE
No foundation exposure noted. Pier wall concrete in fair condition.

Minor spalls on the soffit were noted.

NEXT UNDERWATER INVESTIGATION
The depth of the water in the channel is less than 1.8 m (6 ft) and the foundation condition can be reliably determined by wading and probing. For these reasons, classify this structure as a Type A underwater investigation on a 60-month investigation interval.

Erol C. Kaslan
Registered Civil Engineer

REGISTERED PROFESSIONAL ENGINEER
EROL C. KASLAN
No. 45862
Exp. 12-31-94
CIVIL
STATE OF CALIFORNIA

cc: R.C. Dills
E.J. Budney

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION (ATTACHMENT A)

PONTIS DATA FORM - PIA

BRIDGE NUMBER	FRAME	INSPECTION DATE
36C0110	01	03/22/94
1 8	9	11 16

INFORMATION ONLY - NOT FOR UPDATE	
SCOUR CRITICAL	NO
CATEGORY A	NO
FRACTURE CRITICAL	NO
ELIGIBLE FOR RAIL UPGRADE	NO
UNDERWATER INSPECTION	YES

DISTRICT 04
COUNTY SCR
ROUTE
POSTMILE
NAME

DEL	ELE #	ELEMENT DESCRIPTION	ENV	TOTAL QUANTITY	UNITS	QUANT CONDITION STATE 1	QUANT CONDITION STATE 2	QUANT CONDITION STATE 3	QUANT CONDITION STATE 4	QUANT CONDITION STATE 5
	5	REINFORCED CONCRETE CLOSED WEB/BOX GIRDER	3	42	M		42			
	49	CONCRETE PIER WALL	3	27	M		27			
	51	CONCRETE ABUTMENT	3	27	M		27			
	102	CONCRETE BRIDGE RAILING	3	96	M		96			
	112	CONCRETE DECK - BARE	3	1	EA		1			
18 19			22 23			28	33	38	43	48

03/07/94 03B E. BUDNEY BY: _____

5-18-94

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

SUPPLEMENTARY BRIDGE REPORT
DS-M19(REV.1-90)

Bridge No. 36C-0110

Location 04-SCr-FAU E174-Cptl
Dist.,Co.,Rte.,PM,City

Date of Investigation 3/22/94

Name SOQUEL CREEK (Stockton Avenue)

RATINGS:

[71] **Waterway Adequacy** 7 [61] **Channel & Channel Protection** 7 [72] **Approach Rdwy Align.** 8

TYPE OF INVESTIGATION/REPORT

Biennial	X	**Group A**		**Other**	
Damage		**Underwater**		**Office**	

WORK DONE
The expansion joints at Abutments 1 and 4 have been resealed.

WORK NOT DONE
The spall in the soffit at Span 3 has not been patched.

CONDITION OF STRUCTURE
The structure remains in generally good condition.

WORK RECOMMENDED
Do Work Not Done.

PONTIS INSPECTION
A PONTIS inspection form for this investigation is attached.

E.J. Budney
Registered Civil Engineer

EJB/pfa

cc: E.J. Budney, OSM&I



B. PAVAN

9/16/92 BRIDGE NO. 36C-110 1 04-SCr-FAU E174

STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION
STREAM SECTION
DSM 0012 (New 6/92)

BLP

BRIDGE NUMBER	DIST./CO./RTE.	P.M.
36C-110	4-Scr-FAU	E174

BRIDGE NAME SOQUEL CREEK

PROFILE SIDE	MEASURED FROM	DATE
Upstream/Top	Lt. PCC Rail	9-16-92

From BB	Horiz.	Vertical	Comments
		20.7'	Abt. 1 (West) FACE
		23.7'	Bnt. 2, Sp. 2 side
		20.5'	Bnt. 3, ✓
		14.6'	Abt. 4 (East) FACE
OCEANSIDE/Top		Rt. PCC Rail	9-16-92
3.0'		23.1'	Abt. 1
		23.1'	Bnt. 2, Sp. 2 side
		21.1'	Bnt. 3, ✓
		14.8'	Abt. 4 FACE

G92 0127

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

SUPPLEMENTARY BRIDGE REPORT
DS-M19(REV.1-90)

Bridge No. 36C-0110

Location 04-SCr-FAU-E174-Cptl
Dist.,Co.,Rte.,PM,City

Date of Investigation 09/16/92

Name SOQUEL CREEK (Stockton Avenue)

RATINGS:

[58] **Deck** 5 [59] **Superstructure** 6 [60] **Substructure** 6 [71] **Waterway Adequacy** 7

[61] **Channel & Channel Protection** 7 [62] **Culvert** N [72] **Approach Rdwy Align.** 8

TYPE OF INVESTIGATION/REPORT

Biennial	X	**Category A**		**Other**	
Damage		**Underwater**		**Office**	

WORK NOT DONE

1. Repair the spall on soffit of Span 3 (previously noted as Span 1, incorrectly).

SUPL

2. Clean and reseal the expansion joint at Abutments 1 and 4.
   Old: MSCL
   New: DEKM

CONDITION OF STRUCVTURE

There are two minor spalls in the soffit of Span 3. The previously reported spall in Span 1 is actually in Span 3 and measures approximately 9" transversely and 4" longitudinally exposing corroded reinforcing. The second spall is about 3' into the soffit of Span 3 from the left edge of deck at the juncture of soffit to Abutment 4. This spall is actually a ± 1 1/2" hole through the soffit where no reinforcing was found exposed.

This structure remains in fair condition.

UNDERWATER INVESTIGATIONS-TYPE "B"

No scour or undermining was found due to high water. This structure should be considered for underwater investigation to determine the potential for scour or undermining as the water is unclear for investigation with cameras.

WORK RECOMMENDED

1. Complete Work Not Done.

Barry L. Pavan
Reviewed and Approved by

Richard M. Hunt

Richard Hunt
Registered Civil Engineer

REGISTERED PROFESSIONAL ENGINEER
RICHARD M. HUNT
No. 38267
Exp. 3/31/93
CIVIL
STATE OF CALIFORNIA

BLP/RMH/aa-04193
cc: R. Dills, Underwater Investigations
BLPavan
W.B. Lindsey - Hydraulics

4-SCr-FAU E174 # 36C-110

SOQUEL CREEK (STOCKTON AVENUE)



DECKVIEW FROM ABUTMENT ~~4~~ 1
6-4-91.5
ECK-22



Left ~~RIGHT~~ ELEVATION
6-4-91.2
ECK-22

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

SUPPLEMENTARY BRIDGE REPORT

DS-M19(REV.1-90)

Bridge No. 36C-0110 E174

Location 04-SCr-FAU E190-Cptl
Dist., Co., Rte., PM/City

Date of Investigation 6/4/91

Name SOQUEL CREEK (Stockton Ave.)

RATINGS:

[58] Deck 5 [59] Superstructure 6 [60] Substructure 6 [71] Waterway Adequacy 7
[61] Channel & Channel Protection 7 [62] Culvert NA [72] Approach Rdwy Align. 8

CODES:

[21] Custodian 04 [22] Owner 04 [26] Functional Classification: Deck NA Under 16
[41] Str Open, Posted or Closed A [107] Deck Type 1 [108] Wearing Surface/Prot Sys 100
Max Col/Pier Ht. Under 20' [111] Pier/Abut. Prot. NA
[55] Min Lat Underclr on Rt. NA [54] Min Vert Underclr NA [112] NBIS Bridge Length Y

DATA:

[51] Bridge Width (NET) 29.7' [109] Average Daily Trucks (% of ADT): Deck 10 Under NA
[114] Future ADT: Deck 38,000 Under NA [115] Yr. of Future ADT: Deck 2021 Under NA
Number of Intermediate Joints: @ Hinges 0 @ Bents 0

TYPE OF INVESTIGATION/REPORT

Biennial X Category A _____ Other _____
Damage _____ Underwater _____ Office _____

CONDITION OF STRUCTURE

There is a small 8" spall with exposed rusted reinforcement on the soffit of Span 1 that should be repaired.

The joint at Abutment 4 is impacted with old AC and should be cleared.

The deck is heavily abraded, with many medium transverse and pattern cracks throughout.

There are a few light longitudinal cracks with some efflorescence on the soffit of the end spans.

There are some light to medium vertical cracks on the right exterior girders of all spans near the bents and at midspan of Span 2.

There is a light to medium horizontal crack with some efflorescence on the Bent 3 wall on the Span 3 side.

This structure is in fair condition.

WORK RECOMMENDED

1. Repair the spall on the soffit of Span 1.

SUPL

BRIDGE NO. 36C-0110	
SHEET 2	DATE 6/4/91

WORK RECOMMENDED cont.

2. Clear the Abutment 4 joint. MSCL

Erol C. Kaslan
Registered Civil Engineer

REGISTERED PROFESSIONAL ENGINEER
Erol C. Kaslan
No. 45862
Exp. 12/31/94
CIVIL
STATE OF CALIFORNIA

ECK/cgc-23391

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

Bridge No. 36C-0110

SUPPLEMENTARY BRIDGE REPORT
DS-M19(REV.9/88)

Location 4-SCr-FAU E190-Cptl.
Dist.,Co.,Rte.,PM,City

Date of Investigation 4-20-89

Name SOQUEL CREEK (Stockton Ave.)

CONDITION RATING:
Deck 6 **Superstructure** 7 **Substr.&Pipes** 6
Channel & Channel Protection 5 **Culvert** N **Widenable?** Yes

TYPE OF INVESTIGATION/REPORT

BIENNIAL X	DAMAGE
CATEGORY A	OTHER
UNDERWATER	OFFICE

CONDITION OF STRUCTURE
This structure is in the same good condition, there being no significant change since previously inspected.

WORK RECOMMENDED
NONE

for W. Fox
W. Fox

WF/ms

Reviewed by [signature] Ci

REGISTERED PROFESSIONAL ENGINEER
FRANK C. HEGELI
No. 11248
Exp 6/31/92
CIVIL
STATE OF CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

SIGNATURE REPORT

DS-M59 (REV. 10/76)

Bridge No. 36C-110

Name SOQUEL CREEK (Stockton Ave. 0.05mi E/O Wharf Rd.)

4-SCr-FAU E190-Cptl
Dist - Co - Rte - PM - City

On the date shown, the engineer investigated the structure and found no significant changes.

Date	Signature	Prev. Rec. Work Done	Prev. Rec. Work Not Done	Remarks
1-31-85	Vernon Banks			NCNR
1-15-87	W. Fot			

REGISTERED PROFESSIONAL ENGINEER
W. Fot
No. 14026
Exp. 3-31-89
CIVIL
STATE OF CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
SUPPLEMENTARY BRIDGE REPORT
DS-M19 (REV. 2/75)

Bridge No. 36C-110 E190 Ant
Location 04-SCr-FAU ~~E174~~-Cptl.
Dist - Co - Rte - PM - City

Date of Investigation June 24, 1982

Name SOQUEL CREEK (on ~~Cliff Drive~~ Stockton Ave. (Ant C) 0.05 mi. east of Wharf Rd.)

CONDITION RATING: **APPRAISAL RATING:**

Deck 6 Superstructure 8 Substr. & Pipes 7 Overall 7

Channel & Channel Protection 7 Retaining Walls N Deck Geometry (7)

Widenable? Yes ☒ City No ☐ Conditional ☐

Action Required by District: Yes ☐ No ☒

Average Daily Traffic and Year 7,600 1978

Bypass Detour Length 2 mi.

Seismic Retrofit need not be considered for this continuous structure.

PREVIOUS INVESTIGATION:

February 16, 1977

CHANGES AND ADDITIONS TO PREVIOUS REPORT

Ratings: Inventory HS 20/LF; Operating HS 33/LF; Permit PPPPP/LF

CONDITION OF STRUCTURE:

The high water allowed inspection of span 3 only, which was in good condition. No distress was noted in the remaining spans.

The condition of this structure has not changed significantly from the generally good condition noted previously.

T. J. Harrington
T. J. Harrington
C 22490

TJH/nlc

Santa Cruz

DIST	ROUTE	COUNTY	STRU. NO	POSTMILE	RATING WIDTH-FT	STRU TYPE	YR ORIG CONST	
04	CO RD	36 C	0110	.	033.0	CGB	33	APR. 16, 1979

	RATING FACTOR	PT	SPAN	ULT MOM CAP TOP IN COM	ULT MOM CAP BOT IN COM	POS HS20 MOMENT	NEG HS20 MOMENT	POS PURP MOMENT	NEG PURP MOMENT	DEAD LOAD MOMENT	SECONDARY MOMENT
INV	1.01	5	2	3942.7	0.0	935.1	-15.1	1433.2	-14.8	1464.4	0.0
OPER	1.68	5	2	3942.7	0.0	935.1	-15.1	1433.2	-14.8	1464.4	0.0
PURP	1.09	5	2	3942.7	0.0	935.1	-15.1	1433.2	-14.8	1464.4	0.0

THE NUMBER OF AXLES ON THE TRUCK THAT CAUSES THE PURPLE RATING FACTOR IS 9.
FC = 1.00 FY = 33.

IF THE REPORTED ULTIMATE MOMENT CAPACITY IS 0. IT WAS DETERMINED NOT TO BE CRITICAL

2 SOQUEL CREEK (CLIFF DRIVE)
3 NO AC

C

DIST	ROUTE	COUNTY	STRU. NO	POSTMILE	RATING	WIDTH-FT	STRU TYPE	YR ORIG CONST	
04	CO RD	36 C	0110	.	033.0		CGB	33	APR. 16, 1979

INFLUENCE LINE FOR CRITICAL INVENTORY RATING POINT SPAN 2 10TH POINT 5

MEM NO	LEFT	.1	.2	.3	.4	.5	.6	.7	.8	.9	RIGHT
1	0.0	-0.026	-0.049	-0.067	-0.078	-0.081	-0.076	-0.064	-0.048	-0.026	0.0
2	0.0	0.195	0.680	1.765	3.766	7.107	3.936	1.924	0.765	0.226	0.0
3	0.0	-0.032	-0.059	-0.080	-0.094	-0.101	-0.097	-0.083	-0.060	-0.032	0.0

THE CRITICAL OPERATING RATING POINT IS THE SAME AS THE CRITICAL INVENTORY RATING POINT

THE CRITICAL PURPLE RATING POINT IS THE SAME AS THE CRITICAL INVENTORY RATING POINT

2 SOQUEL CREEK (CLIFF DRIVE)
3 NO AC

BRIDGE NO. 36C-110 04-SCR-FAU E174 P.M. _____
DIST. CO. RTE.

BRIDGE Soquel Creek

PROFILE LT SIDE MEASURED FROM : Top of rail . DATE 2/16/77

From BB	Horz.	Vert.	Comment
Face A#1	1.5	20.6	
& Pier #2	26.6	21.6	
& Pier #3	111.5	20.0	
Brk	125	14.0/18.9	
Face A#4	136.7	13.5	
EB	138		

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
BRIDGE REPORT
DS-M58 (REV. 1/75)

Bridge No. 36C-110

Other No.

P.U.C. No.

Location 04-SCr-FAU ~~E174~~ E190 (AMG) Capitola
Dist - Co - Rte - PM - City

Date of Investigation February 16, 1977

Name SOQUEL CREEK (~~Cliff Drive~~ Stockton Ave) AMG

Lat. 36°-58.3' Long. 121°-57.1'

STRUCTURAL DATA AND HISTORY

Year Built 1934 By County Contract No. ---

Date of Revisions

Designed by: B.D. ☐ County Plans Avail. @ County & BD micro film 3/79

Description: RC continuous box girder with parabolic soffit on RC solid wall piers and diaphragm abutments.

Spans 1@26';1@85';1@26'

Length 138' Skew none Design LL ---

Ratings: Inventory --- Operating --- Permit Legal Loads

DESCRIPTION – ON STRUCTURE

Bridge Width 6.1'SW-29.7'-6.0'SW

Total Width 44.0' Lanes 2 Tracks none

Median none Rail Type Todd Concrete (0000)

Vert. Clearance over deck unimpaired Appr. Rdwy. Width 30'

Wearing Surface none Deck Seal none

Alignment Tangent with "Y" street intersections at each approach.

DESCRIPTION – UNDER STRUCTURE

Roadway Section N/A

Clearances: Vert. N/A Horiz.; N/A Lt. N/A Rt.

Lanes N/A Tracks none Pumpplant: None ☒ See Br. No. N/A

Facilities Crossed none

cc:

(1) CON'T.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
BRIDGE REPORT
DS-M58A (REV. 1/75)

Bridge No. 36C-110

Date February 16, 1977

DESCRIPTION – HYDRAULICS

Channel Sand with rock riprap slope protection at abutments.

Navigable: Yes ☐ No ☒ Clearances: Vert. N/A Horiz. N/A

MAINTENANCE

Custodian City of Capitola Owner City of Capitola

ORIGINAL CONDITION RATING		ORIGINAL APPRAISAL	
Deck	6	Overall	7
Superstructure	8	Deck Geometry	8
Substructure & Pipes	7	Underclearances Vert.	N/A
Channel & Channel Protection	7	Horiz.	N/A
Retaining Walls	N/A	Safe Load Capacity	5
Approach Rdwy. Alignment	6	Waterway Adequacy	7
Estimated Remaining Life	30	Approach Rdwy. Alignment	6

Widenable? Yes ☒ No ☐ Conditional ☐

Action Required by City: Yes ☐ No ☒

CONDITION OF STRUCTURE

There are many medium transverse deck cracks at all spans.

The structure is in a generally good condition and shows no signs of distress.

ENCROACHMENT

There is one 6" diameter steel pipe at Span 3 left only.

LOAD CAPACITY

Load capacity computations will be made at some future time. The structure has been carrying normal traffic for some time with no signs of distress and is considered adequate for legal loads by inspection.

K. E. JONES
C-9238

KEJ/if

(2)

04-Scr-FAU E174

36C-110

SOQUEL CREEK



ROADWAY VIEW LOOKING BACK (SOUTHWEST)



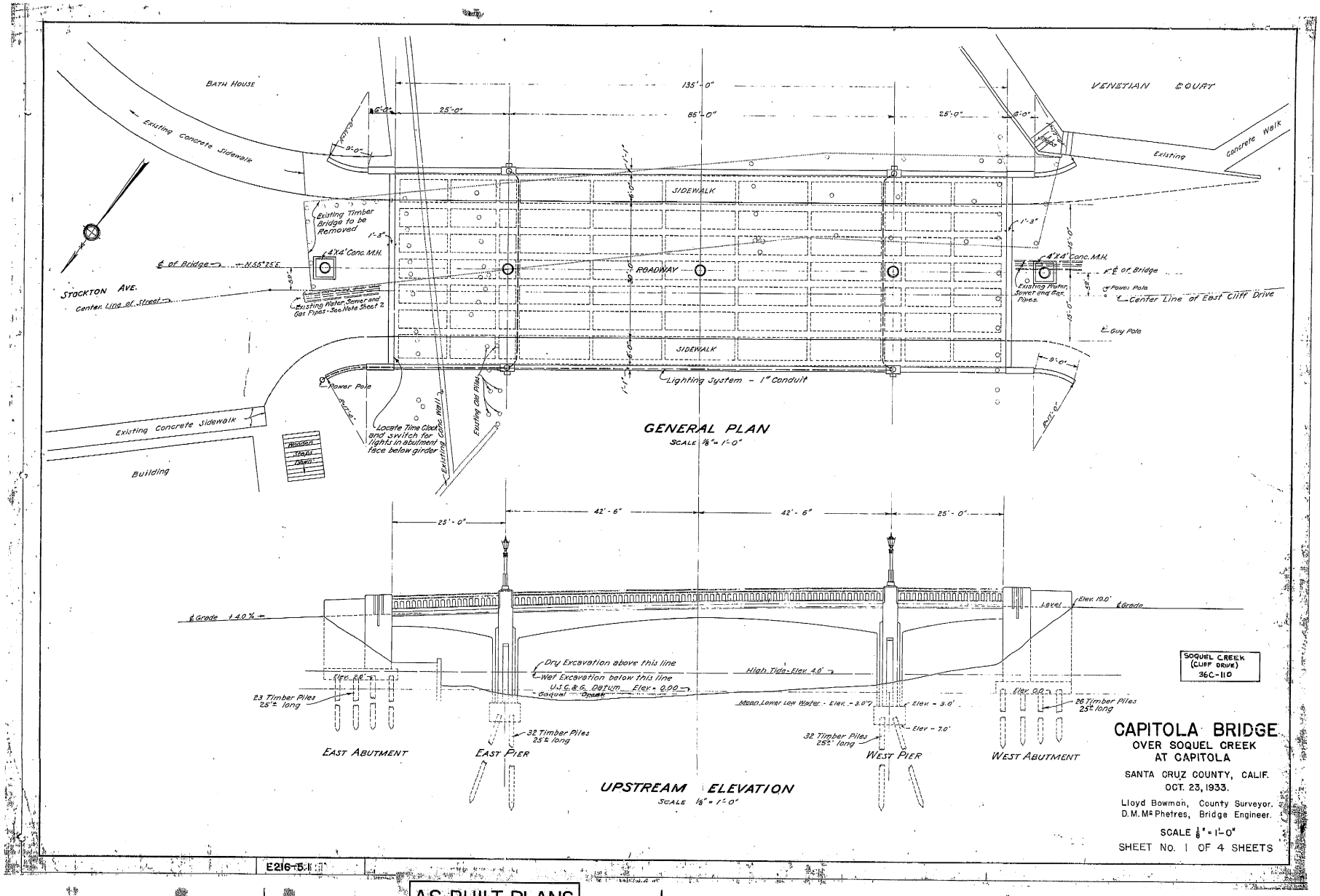
SIDEVIEW LOOKING SOUTHWEST

BRIDGE NO. 36C-110 04-SCR-FAU E174 P.M. _____
DIST. CO. RTE.

BRIDGE Soquel Creek

PROFILE LT SIDE MEASURED FROM : Top of rail . DATE 2/16/77

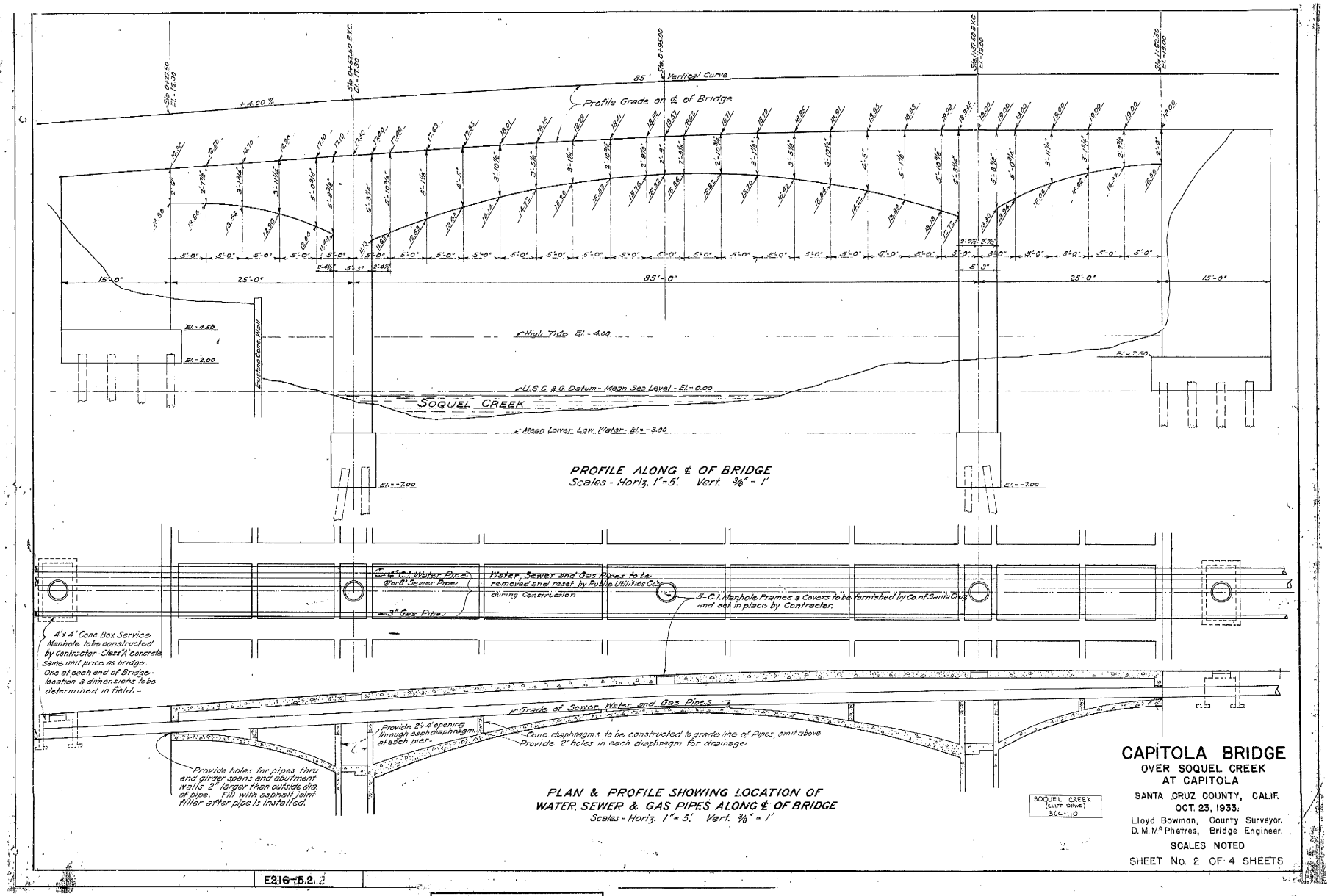
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& Pier #3	111.5	20.0	
Brk	125	14.0/18.9	
Face A#4	136.7	13.5	
EB	138		



AS BUILT PLANS
Contract No. UNKNOWN
Date Completed
Document No. 4000 8995

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF TRANSPORTATION
DATE 7-27-79 SIGNATURE Joseph M Lastra TITLE Supervising of Materials

MICROFILM - STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - MICROFILM



CAPITOLA BRIDGE

OVER SOQUEL CREEK
AT CAPITOLA

SANTA CRUZ COUNTY, CALIF.
OCT. 23, 1933.

Lloyd Bowman, County Surveyor.
D. M. Mc Phetres, Bridge Engineer.

SCALES NOTED

SHEET No. 2 OF 4 SHEETS

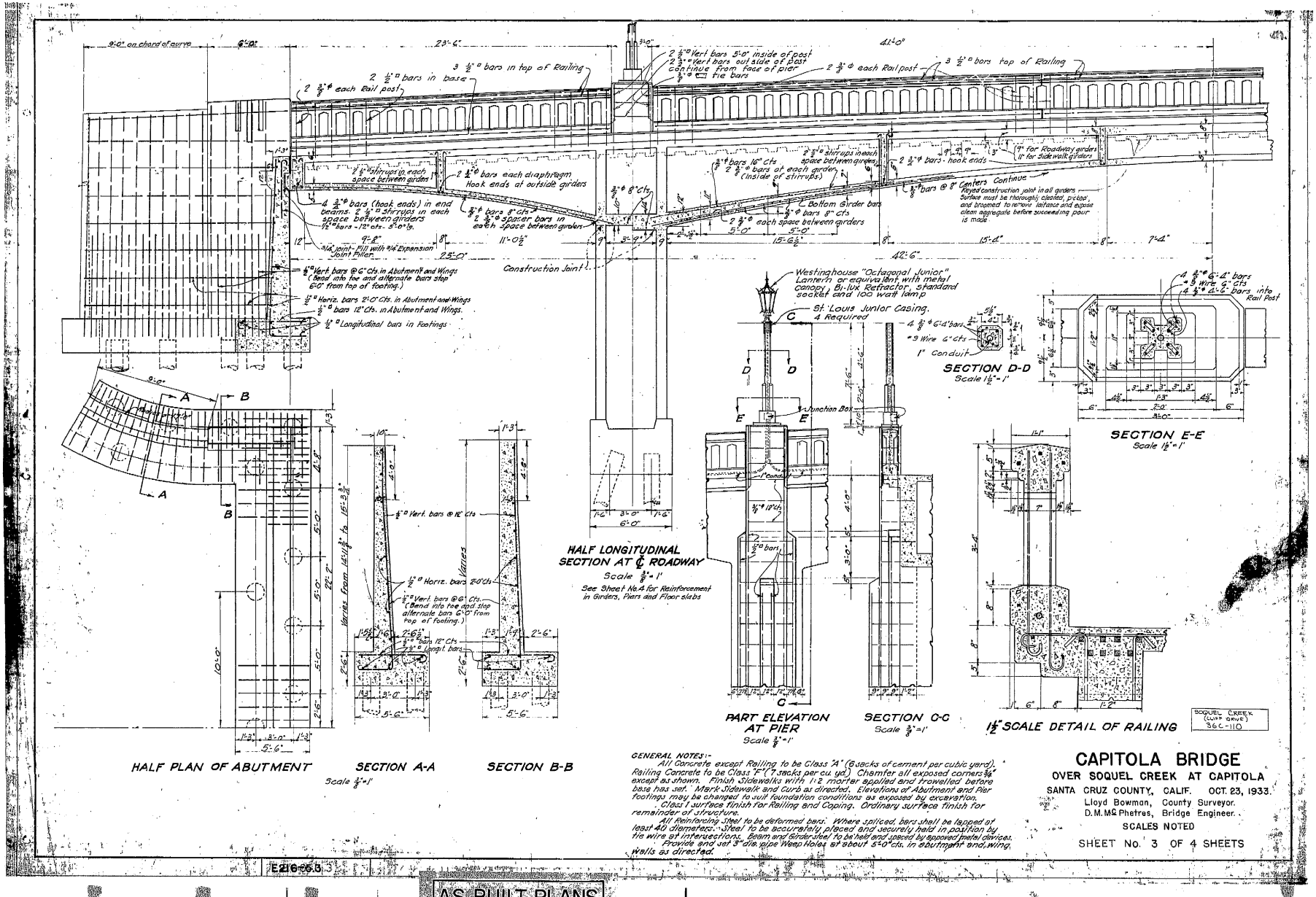
E216-5.2

AS BUILT PLANS
Contract No. UNKNOWN
Date Completed
Document No. 4000899.5

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF TRANSPORTATION.

DATE 7-27-79 SIGNATURE Joseph M Porter TITLE Supervising of Materials

MICROFILM - STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - MICROFILM



GENERAL NOTES:-

All Concrete except Railing to be Class "A" (6 sacks of cement per cubic yard). Railing Concrete to be Class "F" (7 sacks per cu. yd.) Chamfer all exposed corners ¾" except as shown. Finish Sidewalks with 1:2 mortar applied and trowelled before base has set. Match Sidewalk and Curb as directed. Elevations of Abutment and Pier footings may be changed to suit foundation conditions as exposed by excavation.

Class I surface finish for Railing and Coping. Ordinary surface finish for remainder of structure.

All Reinforcing Steel to be deformed bars. Where spliced, bars shall be lapped at least 40 diameters. Steel to be accurately placed and securely held in position by tie wire at intersections. Beam and Girder steel to be held and spaced by approved metal devices.

Provide and set 3" dia. pipe Weep Holes at about 5'-0" cts. in abutment and wing walls as directed.

CAPITOLA BRIDGE

OVER SOQUEL CREEK AT CAPITOLA

SANTA CRUZ COUNTY, CALIF. OCT. 23, 1933.

Lloyd Bowman, County Surveyor.

D. M. McPhetres, Bridge Engineer.

SCALES NOTED

SHEET No. 3 OF 4 SHEETS

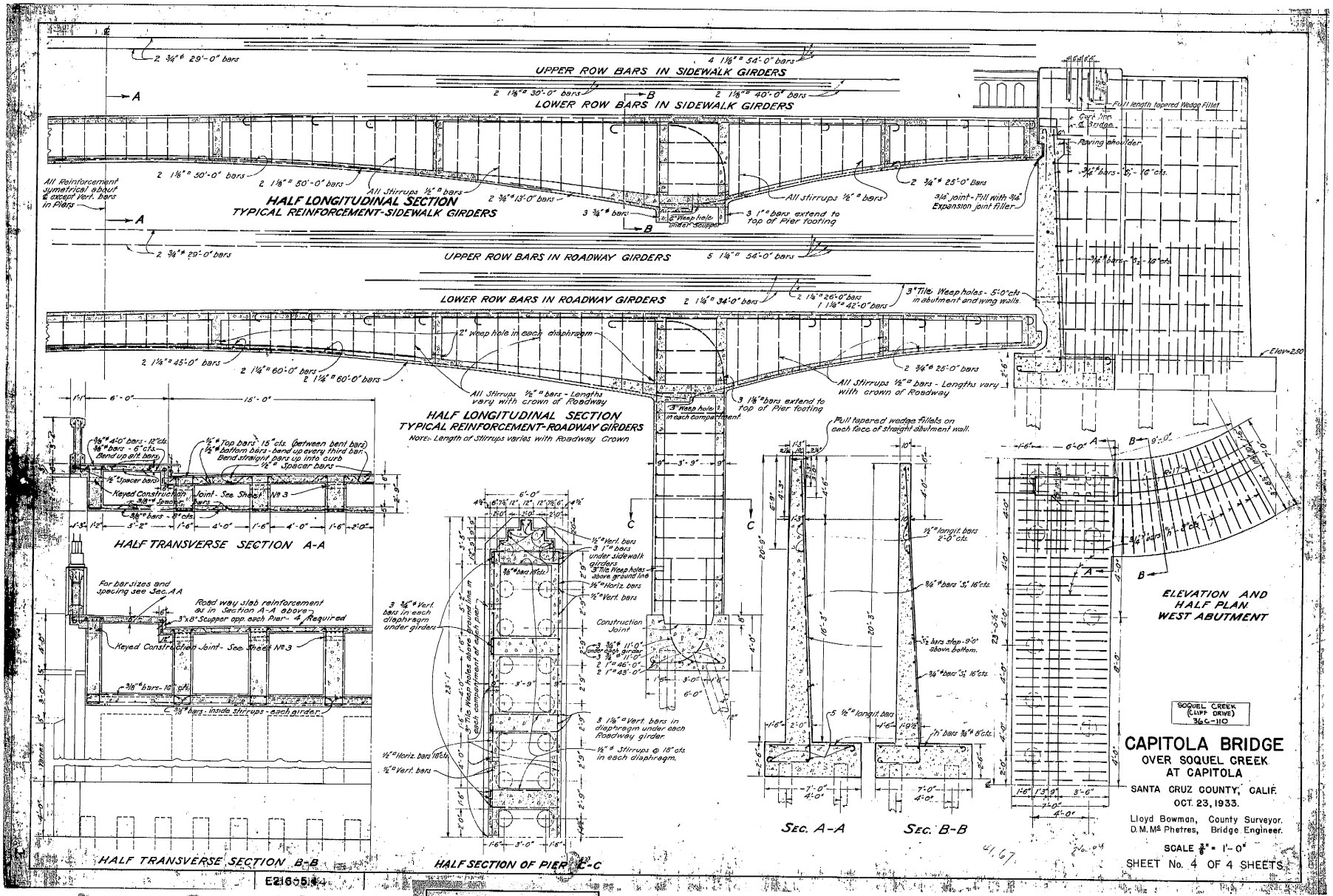
EZ16-66.3

AS BUILT PLANS
Contract No. UNKNOWN
Date Completed
Document No. Item 8995

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF TRANSPORTATION.

DATE 7-27-79 SIGNATURE Joseph M Coito TITLE Supervisor of Microfilm

MICROFILM - STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - MICROFILM



A'S BUILT PLANS
Contract No. UNKNOWN
Date Completed
Document No. 4200 8995

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF TRANSPORTATION.
DATE 7-27-79 SIGNATURE Joseph M Potts TITLE Supervising Engr Microfilm

MICROFILM - STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - MICROFILM

Outlook

Re: Protect OUR Historical Stockton Bridge-Comprehensive Review of Caltrans Bridge Inspection Reports and Transparency Concerns Regarding the Historic Stockton Avenue Bridge

From TJ 4 Capitola <tj4capitolabeachtown@gmail.com>
Date Wed 8/26/2026 1:51 PM
To Gautho, Julia <jGautho@cityofcapitola.gov>
Cc Margaux Morgan <mmorgan@cityofcapitola.gov>; Gerry Jensen <gjensen@cityofcapitola.gov>; Clarke, Joe <jclarke@cityofcapitola.gov>; Melinda Orbach <morbach@cityofcapitola.gov>; Westman, Susan <swestman@cityofcapitola.gov>; City Clerk <cityclerk@cityofcapitola.gov>

Thank you Julia,

My apologies to all. I actually had a typo on a date and I would very much appreciate it if you could add this as an update or addendum to the earlier email correcting my oversight.

Under the heading Historical Baselines and Dynamic Site Conditions, I mistakenly wrote 2009 for one of the dates that should be 2019. The correct dates are listed below and highlighted in yellow.

Thanks and all the Best!
TJ

Historical Baselines and Dynamic Site Conditions

The modern inspection logs heavily rely on structural baselines established in 2009 and 2019 to track the long-term structural health of the bridge:

- ~~**2009**~~ **2019 Load Rating Analysis:** The legal and permit load capacities cited across all modern reports are derived exclusively from the Load Rating Summary Sheet dated September 4, ~~2009~~ 2019.

Thank You

Gautho, Julia

From: Kevin Maguire <kmaguire831@gmail.com>
Sent: Wednesday, August 26, 2026 4:41 PM
To: City Clerk; City Council
Subject: Item 7C – Stockton Avenue Bridge: Preserve the Alternatives Before Spending $474,912

Mayor Morgan and Councilmembers,

I am writing regarding Item 7C and the proposed $474,912 professional services agreement for the Stockton Avenue Bridge.

I support obtaining the engineering information necessary to understand the bridge. My concern is that nearly half a million dollars could be committed before Council and the public receive the actual side-by-side analysis Council previously requested: rehabilitation/retrofit, deck replacement, comparable replacement, and the costs and remaining service life associated with each.

Before approving this agreement, please require staff to answer clearly:

1. How much project funding will remain after this $474,912 agreement?
2. What is the estimated cost of the next phase needed to actually develop and compare the alternatives?
3. Where will that Phase 2 funding come from?
4. Does the proposed "Purpose and Need" presume replacement, widening, additional bicycle/pedestrian capacity, or any off-corridor Coastal Rail Trail function?
5. At what point will Council receive comparable rehabilitation, retrofit/deck replacement, and replacement alternatives with alternative-specific costs and service-life estimates?

I also ask Council to expressly direct that the Purpose and Need remain neutral and that no alternative be prejudged. Rehabilitation, retrofit, deck replacement, and replacement should be evaluated on equal footing.

This is particularly important given Measure L/CMC Chapter 8.72. The bridge study should evaluate the bridge's legitimate local transportation and infrastructure needs without quietly embedding an off-corridor regional Trail function into the project assumptions.

Please study the bridge thoroughly—but preserve the alternatives and Council's policy-making authority before the City spends the majority of the available project-development money.

Thank you,

Kevin Maguire
Capitola Resident
Founder, C.O.A.S.T. — Community Oversight for Accountable, Sustainable Transportation

Gautho, Julia

From: Nadine Burke <nadine.freihofer@gmail.com>
Sent: Thursday, August 27, 2026 12:43 PM
To: City Council
Subject: Approval for Item 7C

Follow Up Flag: Follow up
Flag Status: Flagged

Dear City Council,

It is not completely clear to me what the expenditure for $400k plus is for the Stockton Bridge Project. It sounds like this is setting up for a bridge replacement project. As a concerned resident of Capitola I am in favor of doing preventive maintenance now on the bridge and saving larger replacement projects for later when they are actually necessary.

Recent inspections show we could do some preliminary maintenance that will extend the life of the bridge without causing a major disruption to our community. The bridge is safe for now and should not be closed to through traffic for any reason.

I am in favor of only closing one lane of the bridge at a time to do preventive maintenance. Any major bridge reconstruction would hurt the local economy and businesses in Capitola Village. Closing the bridge completely will also divert traffic into other parts of Capitola that are already impacted during drivetime hours.

Thank you,

Nadine Burke
Capitola Jewel Box Resident

Gautho, Julia

From: Kevin Maguire <kmaguire831@gmail.com>
Sent: Wednesday, August 26, 2026 4:44 PM
To: City Clerk; City Council
Subject: Items 7D and 7E – Rule 20A and Bay Avenue: Verify the Facts Before Committing

Follow Up Flag: Follow up
Flag Status: Flagged

Mayor Morgan and Councilmembers,

Regarding Items 7D and 7E, I ask Council to verify the underlying funding restrictions, traffic data, and costs before committing City resources.

Rule 20A

Before directing Capitola's Rule 20A credits to a particular undergrounding configuration, please obtain written confirmation directly from PG&E explaining:

- where Capitola's Rule 20A credits may legally and practically be used;
- whether the credits are restricted to the presently proposed Bay Avenue district;
- what alternative eligible locations or configurations exist; and
- whether the current District 6 plan remains the best use of the credits now that the earlier Bay/Capitola roundabout concept has been rejected.

If there are competing interpretations of PG&E's requirements, Council should have PG&E's answer in writing before making a multimillion-dollar policy decision.

Bay Avenue / Center Street

In July, Council directed staff toward the Bay/Center raised crossing "pending further traffic numbers." Before directing staff tomorrow to proceed, please put those updated numbers in the record.

Please identify the current pedestrian counts, collision history, vehicle speeds, sight-distance analysis, expected traffic effects, total project cost, federal contribution, and remaining City/local contribution.

The recently announced $250,000 in federal funding is welcome. But grant funding should supplement sound project selection—not substitute for demonstrating that the particular improvement is the safest and most cost-effective solution.

Please make the data, alternatives, and total financial commitment clear before giving final direction.

Thank you,

Kevin Maguire
Capitola Resident
Founder, C.O.A.S.T. — Community Oversight for Accountable, Sustainable Transportation

Gautho, Julia

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Rule 20A

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Please make the data, alternatives, and total financial commitment clear before giving final direction.

Thank you,

Kevin Maguire
Capitola Resident
Founder, C.O.A.S.T. — Community Oversight for Accountable, Sustainable Transportation

Capitola City Council

Agenda Report

Meeting: August 27, 2026

From: City Manager Department

Subject: City Council Meeting Minutes

Recommended Action: Approve minutes from the regular meeting on July 23, 2026.

Background: Attached for City Council review and approval are the draft minutes from the regular meeting held on July 23, 2026.

Alignment with 2025-2029 Strategic Plan Priority: Accountable Government

Attachments:

1. Special Meeting 7/23/2026

Report Prepared By: Julia Gautho, City Clerk

Approved By: Jessica Kahn, Acting City Manager

City of Capitola
City Council Meeting Minutes
Thursday, July 23, 2026 – 5:00 PM

City Council Chambers
420 Capitola Avenue, Capitola, CA 95010

Mayor: Margaux Morgan
Vice Mayor: Gerry Jensen
Council Members: Joe Clarke, Melinda Orbach, Susan Westman

Closed Session – 4:30 PM

i. CONFERENCE WITH LEGAL COUNSEL - ANTICIPATED LITIGATION
Significant Exposure to Litigation (Gov. Code § 54956.9(d)(2), (e)(1)
One Case

Regular Meeting of the Capitola City Council – 5 PM

1. **Roll Call and Pledge of Allegiance** – *The meeting was called to order at 5:00 PM. In attendance: Council Members Clarke, Orbach, Westman, Vice Mayor Jensen, and Mayor Morgan.*

2. **Additions and Deletions to the Agenda –** *None*

   Council Member Westman requested to continue Item 9C to a future meeting so that it could be consolidated with the discussion regarding Rule 20A credits. The Mayor did not agree with her request but agreed to restrict Item 9C's discussion to solely a discussion of the intersection of Bay Avenue and Hill Street.

3. **Presentations –** *None*

4. **Report on Closed Session –** *The City Council met and discussed one item on the Closed Session agenda. No reportable action was taken.*

5. **Additional Materials**

   A. *Item 6 – One email received after publication of the agenda packet.*

   B. *Item 9B – Five emails received after publication of the agenda packet.*

   C. *Item 9C – One email received after publication of the agenda packet.*

6. **Oral Communications by Members of the Public**

   - *Heidy Kellison*
   - *Goran Klepic*

7. **Staff / City Council Comments**

   - *The City Clerk advised the public that the nomination period for the 2026 General Election was underway.*
   - *Community and Economic Development Director Herlihy advised the public that the City is conducting public outreach for the 41st Avenue Corridor Study in the form of a public survey and targeted stakeholder outreach. The survey will be available for the duration of the month of August.*

- *Police Chief Ryan provided comments on the incident that occurred at the Capitola Mall on July 20th that resulted in the death of a Capitola resident.*
- *Council Member Clarke echoed the Police Chief's comments and shared condolences to the victim's friends and family.*
- *Council Member Orbach expressed her condolences to the victim's friends and families and thanked the Police Department for their actions. She also provided comments on her attendance at a recently attended Santa Cruz METRO Board meeting.*
- *Council Member Westman extended sympathy to the victim and their family and thanked the Police Department for their work. Council Member Westman requested a review of the City Manager's performance for the first meeting in September.*
- *Vice Mayor Jensen thanked the Police Department for their action this week and requested that the Police Department pass along the thanks of the City Council to allied agencies who participated in the incident and shared his condolences to the victim's family. Vice Mayor Jensen requested that the City's Emergency Operations Plan (coming to the City Council in the fall) include a discussion of City staffing impacts and participation. He also requested clarification on the Police Department's current staffing levels. The Police Chief provided a response.*
- *The Mayor reminded the public that the Wharf to Wharf race will be held on July 26th and commended the Public Works Department on their outreach efforts for the Esplanade Park project. The Mayor also took a moment to honor the victim, Rachell Summers, and shared condolences with her friends and family.*

8. Consent Items

A. City Council Meeting Minutes
Recommended Action: Approve minutes from the special and regular meetings on June 25, 2026.

B. Declaration of Surplus Vehicles and Authorization for Disposal
Recommended Action: Declare the listed City vehicles as surplus property and authorize the City Manager, or designee, to dispose of the vehicles in accordance with Administrative Policy III-8, Surplus Property.

C. Human Resources Information System Agreement
Recommended Action: Authorize the City Manager to execute a three-year agreement with NeoGov in the total amount of $93,523, using a form approved by the City Attorney.

D. PLHA Resolution
Recommended Action: Adopt a resolution authorizing the City Manager to execute the Permanent Local Housing Allocation (PLHA) Program Application 5-year plan, the PLHA Standard Agreement, and any subsequent amendments or modifications thereto, as well as any other documents that are related to the Program or the PLHA grant award. ***(Resolution No. 4501)***

E. California Highway Patrol Cannabis Tax Fund Grant
Recommended Action: Adopt a resolution accepting a California Highway Patrol Cannabis Tax Fund Grant in the amount of $200,900.32 and amending the FY 2026-27 General Fund operating budget to increase revenues and expenditures by $200,900.32 related to the grant award. ***(Resolution No. 4502)***

F. Grant Funding for Beach and Wharf Accessibility Improvements
Recommended Action: 1) Accept grant funding totaling $43,362.63 through the Beach and Coast Accessibility Program administered by Orange County Coastkeeper and funded by the State Coastal Conservancy; 2) adopt a resolution amending the FY 2026-27 Budget to appropriate grant revenues and expenditures for beach and wharf accessibility improvements;

and 3) authorize the City Manager to execute any documents necessary to implement the grant-funded improvements. ***(Resolution No. 4503)***

G. SUESD ELO-P Services Agreement
Recommended Action: Authorize the City Manager to execute a services and facility agreement between the City of Capitola and the Soquel Union Elementary School District (SUESD) for Expanded Learning Opportunities Program services and the use of the Opal Cliffs facility for the period of July 1, 2026 through June 30, 2028, with compensation to the City in the amount of $66,000.

H. Park at Rispin Mansion Project Completion
Recommended Action: 1) Accept as complete the Park at Rispin Mansion Project constructed by Betz Works Inc. at a final cost of $1,082,118; 2) authorize the City Clerk to file and record a Notice of Completion; 3) adopt a resolution amending the FY 2026-27 Adopted Budget to allocate $32,838 for final project expenditures; and 4) authorize the release of the contract retention of $52,464 as prescribed in the construction agreement. ***(Resolution No. 4504)***

Vice Mayor Jensen provided comments on Items 8F and 8E.

Motion to approve the Consent Calendar: Council Member Orbach
Second: Council Member Westman
Voting Yea: Council Members Clarke, Orbach, Westman, Vice Mayor Jensen, and Mayor Morgan

9. General Government / Public Hearings

A. Public Art Statue: "To Honor the Women of the Water"
Recommended Action: 1) Approve the Art and Cultural Commission's recommendation for a public artwork titled "To Honor the Women of the Water"; and 2) direct staff to pursue a partnership with County Park Friends for a fundraising campaign to fund the fabrication and installation of the statue.

Community Services and Recreation Director Bryant provided the staff report.

Public Comment:

- ***Speaker***
- ***Speaker***
- ***Heidy Kellison***
- ***Tricia Wiltshire***
- ***Speaker***
- ***Christopher Lochhead***

The City Council thanked the applicant for their proposal and for considering Capitola.

Motion to accept and approve the Art and Cultural Commission's recommendation for a public artwork titled "To Honor the Women of the Water", direct staff to work with the applicant on their proposal, and direct staff to pursue a funding agreement with County Park Friends: Vice Mayor Jensen
Second: Mayor Morgan
Motion amended to state that the art proposal move forward without delay due to the Esplanade Park project currently underway: Council Member Clarke
Amendment Accepted: Vice Mayor Jensen, Mayor Morgan
Voting Yea: Council Members Clarke, Orbach, Westman, Vice Mayor Jensen, and Mayor Morgan

The Mayor reorganized the agenda to hear Item 9D before Item 9B at 6:15 PM. The City Council took a recess at 6:02 PM and reconvened at 6:15 PM.

B. Fourth Public Hearing to Receive Community Input and Provide Direction to Staff Regarding the Draft Maps and Sequence of District-Based Elections & Introduction of Ordinance
Recommended Action: 1) Conduct a **time-certain duly noticed public hearing at 6:15 PM** to receive community input and provide direction to staff regarding the submitted draft maps and sequence of elections for district-based council elections; 2) Select a District Map; 3) Select the Sequencing of the District Seat(s) to be up for election in 2028, 2030, etc.; and 4) Conduct First Reading/Introduce and waive further reading of an ordinance of the City of Capitola amending Chapter 2.04 of Title 2 of the Capitola Municipal Code to provide for the election of City Council Members by four districts with an elected mayor; establish district boundaries and election order for each district; and make other amendments.

City Clerk Gautho and Doug Johnson, National Demographics Corporation, provided the staff report.

Public Comment:

- ***Cami Corvin***

Council Members shared their top map selections:
Council Member Clarke: 412, 411, 415
Council Member Orbach: 412, 411
Council Member Westman: 412, 411, 415
Vice Mayor Jensen: 412, 411, 415
Mayor Morgan: 413, 412

Motion to select Map 412 for inclusion in the ordinance: Council Member Westman
Second: Council Member Orbach
Voting Yea: Council Members Clarke, Orbach, Westman, Vice Mayor Jensen, and Mayor Morgan

The City Council discussed the sequencing of the districts and deliberated the best selection process for the onboarding of districts in upcoming election cycles. The City Council opted to flip a coin to determine which district between 2 and 3 would be on the ballot in 2028. The outcome of the coin toss was that District 3 will be included on the ballot in 2028.

Motion that District 3 be listed on the ballot in 2028 alongside the Citywide elected Mayor seat: Mayor Morgan
Second: Council Member Westman
Voting Yea: Council Members Clarke, Orbach, Westman, Vice Mayor Jensen, and Mayor Morgan

City Attorney Tran read changes to the proposed ordinance into the record to reflect the Council's decisions thus far.

Motion to introduce and waive the first reading of Ordinance No. 1076 amending Chapter 2.04 of the CMC to transition to district elections: Council Member Orbach
Second: Council Member Clarke
Voting Yea: Council Members Clarke, Orbach, Westman, Vice Mayor Jensen, and Mayor Morgan

C. Bay Avenue Corridor Safety Improvement Priorities

Recommended Action: Receive an update regarding Bay Avenue corridor safety improvements, including proposed pedestrian, bicycle, and roadway safety enhancements; review available and pending funding opportunities; and provide direction regarding implementation priorities and advancement of design.

The City Council requested that the item be limited to discussion of the intersection of Bay Avenue/Hill Street/and Center Avenue. Public Works Director Kahn provided the staff report.

Public Comment:

- ***Nels Westman***
- ***Speaker***

Council expressed interest in the implementation of solar lighting at the discussed intersections and requested that staff provide information or examples of existing solar lighting so the Council can review. The Council also requested that staff inform Congressman Panetta that the City intends to complete a crosswalk project at the intersection of Bay Avenue and Center that features a raised crosswalk, safety lighting, and inform the Congressman that the project will be implemented once traffic counts are reviewed by the City Council.

Motion to direct staff to implement lighting at the intersection of Bay Avenue and Hill Street, request that staff return to the City Council in August provide additional traffic counts, and based on the traffic data, direct staff to implement a raised crosswalk at the intersection of Center and Bay Avenue: Council Member Westman
Second: Vice Mayor Jensen, with the addition that the Council will continue to discuss this item at the August Council meeting.
Voting Yea: Council Members Clarke, Orbach, Westman, Vice Mayor Jensen, and Mayor Morgan

D. Cliffwood Heights Neighborhood Rehabilitation Project
Recommended Action: Approve the proposed planning scope for the Cliffwood Heights Neighborhood Rehabilitation Project and provide additional direction, if any. ***(Agenda reorganized so that Item 9D was heard/discussed before Item 9B)***

Public Works Director Kahn provided the staff report.

Public Comment: None

The City Council expressed support for the project.

Motion to approve the proposed planning scope for the Cliffwood Heights Neighborhood Rehabilitation Project: Council Member Clarke
Second: Council Member Orbach
Voting Yea: Council Members Clarke, Orbach, Westman, Vice Mayor Jensen, and Mayor Morgan

The City Council took a recess from 6:02 PM and reconvened at 6:15 PM.

E. Transportation Project Coordination and Phasing Overview
Recommended Action: Receive a presentation regarding transportation project coordination, interrelationships, and anticipated project phasing and provide direction, if any.

Public Works Director Kahn provided the staff report.

Public Comment:

- ***Speaker***

The Council requested that this item return on a regular basis and that the presentation be uploaded to the City website so the public may access it regularly.

10. Adjournment

The Mayor announced that on August 25th at noon, the City will be hosting "Jade Street Park Reimagined," the grand opening of new facilities at Jade Street. The meeting adjourned at 8:06 PM. The next regularly scheduled City Council meeting is on August 27, 2026, at 6:00 PM.

_____

Margaux Morgan, Mayor

ATTEST:

_____

Julia Gautho, City Clerk

Capitola City Council

Agenda Report

Meeting: August 27, 2026

From: Administrative Services Department

Subject: City Check Registers

Recommended Action: Approve check registers dated June 19, 2026, July 3, 2026, July 17, 2026, and July 31, 2026.

Account: City Main				
Date	**Starting Check #**	**Ending Check #**	**Payment Count**	**Amount**
06/19/2026	106795	106934	140	$ 1,020,469.82
07/03/2026	106935	107013	79	$ 208,633.43
07/17/2026	107014	107136	124	$ 1,406,240.52
07/31/2026	107137	107228	93	$ 480,958.49

The main account check register dated June 5, 2026, ended with check #106794.

Account: Payroll				
Date	**Starting Check/EFT #**	**Ending Check/EFT #**	**Payment Count**	**Amount**
06/19/2026	7339	7342	163	$ 481,037.72
07/03/2026	7343	7348	164	$ 548,167.56
07/17/2026	7349	7355	162	$ 750,501.33
07/31/2026	7356	7373	172	$ 471,266.31

The payroll account check register dated June 5, 2026, ended with payroll check #7338.

Following is a list of payments issued for more than $10,000 and descriptions of the expenditures:

Check/ EFT	Issued to	Dept	Description	Amount
4303	CalPERS Member Services Division	CM	PERS contributions PPE 6/6/26	$70,212.87
4304	EMPLOYMENT DEVELOPMENT DEPARTMENT	CM	State tax PPE 6/6/26	$13,760.52
4305	INTERNAL REVENUE SERVICE	CM	Federal taxes & Medicare PPE 6/6/26	$42,499.37
4307	VOYA FINANCIAL	CM	Employee 457 contributions PPE 6/6/26	$12,229.16
4310	CalPERS Fiscal Services Division	CM	FY 25/26 OPEB trust contribution	$67,050.00
106818	BRUCE HARMAN	REC	Monterey Ave Railing Public Art Project	$25,000.00

106819	BURKE WILLIAMS AND SORENSEN LLP	CM	April Legal Services	$18,563.75
106835	CRESCO EQUIPMENT RENTALS	PW	Beach Grading Equipment Rental	$13,092.50
106838	CUMMING MANAGEMENT GROUP, INC.	PW	CDBG Funded Construction Management Services	$16,797.50
106844	ECOLOGY ACTION OF SANTA CRUZ	PW	Capitola Active Transportation Plan Project Services	$15,520.14
106847	EXCEEDIO	FIN	June IT Services FY25/26	$20,788.81
106882	NOVO SOLUTIONS INC	PW	Software for asset/work order management	$11,280.00
106888	PACIFIC GAS & ELECTRIC	PW	June Monthly utilities	$19,528.35
106891	PHIL ALLEGRI ELECTRIC INC.	PW	Lower Pac Cove Parking Lot Light Pole Repair	$12,637.89
106898	SANTA CRUZ COUNTY AUDITOR-CONTROLLER	PD	May citation processing	$15,305.50
106903	SANTA CRUZ PUBLIC LIBRARIES	CM	Reimbursement for Capitola Blinds	$17,753.81
106910	SOQUEL CREEK WATER DISTRICT	PW	June Water Services	$41,915.44
106914	SSB CONSTRUCTION	PW	Community Center Renovation Project Services	$556,091.90
4462	EMPLOYMENT DEVELOPMENT DEPARTMENT	CM	State tax PPE 6/20/26	$14,712.12
4463	INTERNAL REVENUE SERVICE	CM	Federal taxes & Medicare PPE 6/20/26	$46,001.24
4465	VOYA FINANCIAL	CM	Employee 457 contributions PPE 6/20/26	$12,203.53
4466	CalPERS Health Insurance	CM	July health insurance	$103,199.09
4467	CalPERS Member Services Division	CM	PERS contributions PPE 6/20/26	$70,367.42
106948	BURKE WILLIAMS AND SORENSEN LLP	CM	May City Attorney Services	$50,788.50
106956	CSG Consultants Inc.	CDD	Planning Services thru 5.29.26	$10,163.75
106977	KIMLEY HORN AND ASSOCIATES INC	PW	2026 SS4A Grant - services	$29,996.22
106997	SANTA CRUZ COUNTY BANK	FIN	May Credit Card Charges	$15,120.08
4615	CalPERS Member Services Division	CM	PERS contributions PPE 7/4/26	$70,813.78
4616	EMPLOYMENT DEVELOPMENT DEPARTMENT	CM	State tax PPE 7/4/26	$15,690.35
4617	INTERNAL REVENUE SERVICE	CM	Federal taxes & Medicare PPE 7/4/26	$49,112.72

4619	VOYA FINANCIAL	CM	Employee 457 contributions PPE 7/4/26	$12,500.64
4621	CalPERS Fiscal Services Division	CM	PERS UAL payment	$272,611.67
107044	COMPLETE PAPERLESS SOLUTIONS LLC	CM	Laserfiche Cloud services subscription - 1 Year	$17,035.00
107048	CUMMING MANAGEMENT GROUP, INC.	PW	CDBG Funded Construction Management Services	$15,675.00
107049	CWS CONSTRUCTION GROUP INC.	PW	Jade Street Park Restroom Remodel Services	$146,113.94
107060	FEHR & PEERS	PW	Capitola Active Transportation Plan Services	$10,657.38
107065	GRANITE ROCK COMPANY	PW	41st Ave Multimodal Improvements Project Services	$116,447.20
107076	KIMLEY HORN AND ASSOCIATES INC	PW	Bay Ave Corridor Project Services	$68,343.86
107080	MBASIA	CM	FY26/27 Insurance Premiums	$589,539.33
107104	SANTA CRUZ REGIONAL 911	PD	FY26/27 First Quarter Operating Contribution	$240,443.88
107109	SOQUEL CREEK WATER DISTRICT	PW	Monthly Water Services	$11,379.38
107117	TYLER TECHNOLOGIES	FIN	Annual ERP application services	$37,866.33
49	SANTA CRUZ COUNTY BANK	FIN	June Credit Card Charges	$11,888.49
4773	CalPERS Member Services Division	CM	PERS contributions PPE 07/18/25	$73,206.71
4774	EMPLOYMENT DEVELOPMENT DEPARTMENT	CM	State Taxes PPE 07/18/26	$15,206.55
4775	INTERNAL REVENUE SERVICE	CM	Federal taxes & Medicare PPE 07/18/26	$48,142.72
4777	VOYA FINANCIAL	CM	Employee 457 Contribution PPE 07/18/26	$12,867.30
107146	BARBIC ROOFING	PW	Roof Work at Corp Yard	$61,132.00
107151	BURKE WILLIAMS AND SORENSEN LLP	CM	June City Attorney Services Legal Services	$55,572.77
107161	COMMUNITY ACTION BOARD	CDD	Emergency Housing Assistance Services	$26,266.24
107162	COMMUNITY BRIDGES	PW	2026 Shuttle Services	$17,820.00
107165	CSG Consultants Inc.	CDD	Planning Services thru 6.30.26	$17,690.18
107166	DIESEL DIRECT WEST LLC	PW	Fuel	$13,600.54
107167	DONALD W ALLEY	PW	Soquel Lagoon Monitoring Scope	$10,923.53
107170	FEHR & PEERS	PW	Capitola Active Transportation Plan Services	$20,461.88

107172	FUSE ARCHITECTS, INC.	CDD	Wharf Master Plan Services	$18,750.00
107180	INTEGRAL CONSULTING INC	PW	Esplanade Park SLR Adaptation Plan	$19,193.54
107186	KIMLEY HORN AND ASSOCIATES INC	PW	41st Ave Multimodal Corridor Improvements	$20,212.50
107197	MBASIA	CM	Liability claim - Deductible Recovery Invoice	$17,048.37
107207	PACIFIC GAS & ELECTRIC	PW	July Monthly Utilities	$16,467.67
107213	SANTA CRUZ COUNTY SHERIFF	PD	FY26/27 CLETS Administrative Cost Recovery	$11,045.00
107214	SECOND HARVEST FOOD BANK	CDD	CDBG Grant	$20,139.97
107216	SOQUEL CREEK WATER DISTRICT	PW	Monthly Water Services	$10,639.31

Alignment with 2025-2029 Strategic Plan Priority: Accountable Government

Attachments:

1. 06-19-26 Check Register
2. 07-03-26 Check Register
3. 07-17-26 Check Register
4. 07-31-26 Check Register

Report Prepared By: Luis Ruiz, Accountant II

Reviewed By: Julia Gautho, City Clerk and Jim Malberg, Administrative Services Director

Approved By: Jamie Goldstein, City Manager

Cash Position – City of Capitola

June 19, 2026

City main account checks dated June 19, 2026, numbered 106795 to 106934 totaling $1,020,469.82, 8 payroll checks totaling $13,904.44 and 155 payroll EFTs totaling $467,133.28 for a grand total of $1,501,507.54, have been reviewed and authorized for distribution by the City Manager.

As of June 19, 2026, the unaudited cash balance is $8,558,946.

Jamie Goldstein — Date 7/31/26
City Manager

Jim Malberg — Date 7/31/26
Administrative Services Director

CASH BALANCE June 19, 2026

Fund	Description	Ending Balance
1000	General Fund	$ (2,434,491)
1001	Payroll Payables	55,809
Total General Funds		**$ (2,378,682)**
1010	Contingency Reserve	$ 2,319,346
1015	PERS Contingency Fund	1,690,919
1020	Emergency Reserve	1,592,776
1025	Facilities Reserve Fund	282,714
Total Reserve Funds		**$ 5,885,754**
1200	Capital Improvement Fund	**$ (1,054,092)**
2210	ISF - Stores Fund	$ 45,569
2211	ISF - Information Technology	533,542
2212	ISF - Equipment Replacement	255,145
2213	ISF - Self-Insurance Liability	(73,731)
2214	ISF - Workers Compensation	18,613
2216	ISF - Compensated Absences	(227,987)
Total Internal Service Funds		**$ 551,150**
TOTAL AVAILABLE GENERAL FUNDS		**$ 3,004,131**
1300	SLESF - Supl Law Enfc	$ 104,492
1305	Restricted TOT	67,685
1308	SB1 Road Maint. & Rehab.	116,930
1309	RTC Streets	175,813
1310	Gas Tax	253,709
1311	Wharf	5,216
1313	General Plan Update and Maint	244,431
1314	Green Building Education	295,612
1315	Public Art Fee Fund	132,430
1316	Parking Reserve Fund	737
1317	Technology Fee Fund	101,595
1320	PEG - Public Education and Govt	74,675
1321	BIA - Capitola Village-Wharf BIA	8,738
1350	CDBG Grants	552,388
1351	CDBG Program Income	9,875
1360	Library Fund	54,616
1370	HOME Reuse	1,153,550
1372	Housing Trust	326,488
1373	Permanent Local Housing Allocatic	18,057
5552	Cap Hsg Succ- Program Income	1,857,781
Total Special Revenue Funds		**$ 5,554,815**
TOTAL CITY CASH BALANCE		**$ 8,558,946**

(1) June 19th balance does not include $1,000,125 held in the OPEB Trust.

City of Capitola

City Checks Issued June 19, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name		Transaction Amount
106795	06/12/2026		07/01/2026	UNITED STATES POSTAL SERVICE		$1,655.00
	Invoice	Date	Description		Amount	
	USPS061226	06/12/2026	Permit #7013 fee - USPS Marketing Mail		$1,655.00	
		2210 - ISF - Stores Fund				
106796	06/18/2026			EXECUTIVE FACILITIES SERVICES, INC.		$83.78
	Invoice	Date	Description		Amount	
	37113	03/05/2026	City Hall Extra Janitorial Services		$83.78	
106797	06/19/2026			A-LOCKSMITH-CRAIG		$195.00
	Invoice	Date	Description		Amount	
	D2391	04/25/2026	Repair office door lock		$195.00	
106798	06/19/2026		07/01/2026	AAA WORKSPACE		$440.77
	Invoice	Date	Description		Amount	
	2502964-0	06/05/2026	Copier Paper		$102.39	
	2501631-0	06/01/2026	Cleaning supplies		$152.84	
	2500411-1	06/01/2026	Soap		$21.69	
	2501479-0	05/29/2026	Printing Paper		$163.85	
		1000 - General Fund		$338.38		
		2210 - ISF - Stores Fund		$102.39		
106799	06/19/2026		07/01/2026	ACE PORTABLE SERVICES		$1,486.00
	Invoice	Date	Description		Amount	
	I61146	06/03/2026	Jade St. Portable Toilets		$910.65	
	I59364	06/12/2026	Food Truck Friday Cleaning Services		$575.35	
106800	06/19/2026			ADT SECURITY SERVICES INC.		$312.06
	Invoice	Date	Description		Amount	
	ADT052926	05/29/2026	Corp. yard & museum ADT monitoring		$312.06	
106801	06/19/2026			ADVOCACY INC.		$5,000.00
	Invoice	Date	Description		Amount	
	CG063026	06/15/2026	Community grant		$5,000.00	
106802	06/19/2026		07/01/2026	AGILE OCCUPATIONAL MEDICINE, PC		$2,465.00
	Invoice	Date	Description		Amount	
	EM080603	06/06/2026	New employee testing & exams		$2,465.00	
106803	06/19/2026			ALLSAFE LOCK COMPANY		$170.82
	Invoice	Date	Description		Amount	
	126662	05/22/2026	Padlocks		$170.82	

City Checks Issued June 19, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name		Transaction Amount
106804	06/19/2026		07/01/2026	ALWAYS UNDER PRESSURE		$189.14
	Invoice	Date	Description		Amount	
	105814	06/15/2026	Kit, U-seal		$189.14	
106805	06/19/2026		07/01/2026	AMAZON CAPITAL SERVICES		$2,144.17
	Invoice	Date	Description		Amount	
	1DNN-L63L-4NWF	06/06/2026	Stapler, batteries, clipboards, calculator		$143.35	
	144V-DRX6-QNVT	06/08/2026	Work boots credit return		($163.88)	
	16JG-PYYQ-YV9G	06/06/2026	Oxygen tank wrench		($7.31)	
	1K9C-147K-GTKF1	06/06/2026	Oxygen tank wrench		$7.31	
	1MRN-XMD6-C966	06/11/2026	Batteries, staples		$68.03	
	176X-X7TF-7K7K	06/11/2026	Camper cover, batteries, phone charger		$217.34	
	176Y-GLJX-6M6H	06/11/2026	Stainless steel wheel simulators		$248.97	
	1Q3C-QQY7-XD1K	05/27/2026	Bubbles, sand art, toys		$437.07	
	1XCX-DNHM-D1RX	06/02/2026	Oxygen regulator		$76.89	
	1YHK-9HVL-LD19	06/08/2026	Lanyard string, soccer cones, toys		$165.78	
	13QP-T69T-KR9P	06/05/2026	Iphone case		$28.41	
	1DQX-RGQ6-WK3J	06/16/2026	Container axles		$270.83	
	1F3Q-P3LK-9Q3N	06/15/2026	Wheel weights		$39.01	
	1JNQ-FT4K-67TG	05/27/2026	Motorola Li-Ion Battery		$445.86	
	11KC-XHWX-FKC3	06/15/2026	Evidence and Property Supplies		$13.10	
	16LP-G9QR-JVY9	06/17/2026	Phone case		$19.61	
	1DQX-RGQ6-KCGT	06/15/2026	Field marking paint		$161.58	
	1PJ6-WXN1-76KT	06/16/2026	Recreation Camp Supplies		$131.29	
	1T6W-6HG6-K3Q1	06/15/2026	Recreation Camp Supplies		$95.04	
	1HNH-CF7G-KTGR	06/17/2026	Shipping container wheels kit credit memo		($254.11)	
		1000 - General Fund		$1,932.79		
		2210 - ISF - Stores Fund		$211.38		
106806	06/19/2026		07/01/2026	APTOS LANDSCAPE SUPPLY INC.		$411.73
	Invoice	Date	Description		Amount	
	681830	06/09/2026	Pathway bark		$154.40	
	681806	06/09/2026	Pathway bark		$102.93	
	681889	06/10/2026	Pathway bark		$154.40	
106807	06/19/2026			ARTS COUNCIL OF SANTA CRUZ COUNTY		$1,250.00
	Invoice	Date	Description		Amount	
	CG063026	06/15/2026	Community grant		$1,250.00	

City Checks Issued June 19, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name		Transaction Amount
106808	06/19/2026		07/01/2026	AT&T		$8.79
	Invoice	Date	Description		Amount	
	ATT060126	06/01/2026	June long distance charges		$8.79	
		1000 - General Fund		$4.33		
		2211 - ISF - Information Technology		$4.46		
106809	06/19/2026		07/01/2026	B & B SMALL ENGINE REPAIR		$212.32
	Invoice	Date	Description		Amount	
	105009	06/09/2026	Gas can, gloves, line attachment		$212.32	
106810	06/19/2026			BAY AVENUE SENIOR HOUSING, LP		$2,500.00
	Invoice	Date	Description		Amount	
	CG063026	06/15/2026	Community grant		$2,500.00	
106811	06/19/2026		07/01/2026	BAYSIDE OIL II INC.		$306.74
	Invoice	Date	Description		Amount	
	60992	06/09/2026	Drum deposit		$306.74	
106812	06/19/2026		07/01/2026	BE NATURAL MUSIC		$500.00
	Invoice	Date	Description		Amount	
	4MK11687WH184662	05/29/2026	Concert performance fee		$500.00	
106813	06/19/2026		07/01/2026	BEAR ELECTRICAL SOLUTIONS, LLC		$1,462.65
	Invoice	Date	Description		Amount	
	11447	05/31/2026	May traffic signal maintenance services - response		$815.85	
	11445	05/31/2026	May traffic signal maintenance services - routine		$646.80	
		1310 - Gas Tax				
106814	06/19/2026			BIG BROTHERS BIG SISTERS OF SC COUNTY		$2,500.00
	Invoice	Date	Description		Amount	
	CG063026	06/15/2026	Community grant		$2,500.00	
		1305 - Restricted TOT				
106815	06/19/2026		07/01/2026	BIOBAG AMERICAS INC.		$2,523.69
	Invoice	Date	Description		Amount	
	INV518012	06/16/2026	Dog waste bags		$2,523.69	
106816	06/19/2026			BLUE STRIKE ENVIRONMENTAL INC.		$5,248.00
	Invoice	Date	Description		Amount	
	CAP-CAP-060226	05/31/2026	Climate Action Plan Update Services thru 5.31.26		$5,248.00	
		1314 - Green Building Education				

City Checks Issued June 19, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
106817	06/19/2026		07/01/2026	BRINKS AWARDS & SIGNS	$616.80
	Invoice	Date	Description	Amount	
	91036	05/21/2026	Locker Plates	$90.00	
	91405	06/10/2026	Jr. Guards Ribbons	$526.80	
106818	06/19/2026			BRUCE HARMAN	$25,000.00
	Invoice	Date	Description	Amount	
	INV088	06/10/2026	Monterey Ave Railing Public Art Project	$25,000.00	
		1315 - Public Art Fee Fund			
106819	06/19/2026		07/01/2026	BURKE WILLIAMS AND SORENSEN LLP	$18,563.75
	Invoice	Date	Description	Amount	
	368830	06/05/2026	May Legal Services	$693.00	
	367892	05/22/2026	April Legal Services	$17,870.75	
106820	06/19/2026		07/01/2026	CA DEPARTMENT OF JUSTICE	$703.00
	Invoice	Date	Description	Amount	
	050873	06/03/2026	May fingerprinting	$637.00	
	049476	06/03/2026	May 2026 PD Fingerprinting	$66.00	
106821	06/19/2026			CABRILLO COLLEGE STROKE CENTER	$4,000.00
	Invoice	Date	Description	Amount	
	CG063026	06/15/2026	Community grant	$4,000.00	
106822	06/19/2026		07/01/2026	CALE AMERICA INC.	$1,055.23
	Invoice	Date	Description	Amount	
	190680	05/27/2026	May 2026 Active Meters	$983.64	
	191023	06/15/2026	M1000 Accessory Kit	$71.59	
106823	06/19/2026		07/01/2026	CALIFORNIA COAST UNIFORM COMPANY	$296.00
	Invoice	Date	Description	Amount	
	114027	05/19/2026	Tailoring Charges	$296.00	
106824	06/19/2026		07/01/2026	CAPITOLA ARCADE LLC	$300.00
	Invoice	Date	Description	Amount	
	150	06/02/2026	Gift cards	$300.00	
106825	06/19/2026			CAPITOLA POLICE DEPARTMENT	$444.00
	Invoice	Date	Description	Amount	
	2026-00000014	05/28/2026	Sip & Stroll Special Event Permit Fee	$444.00	
		1321 - BIA - Capitola Village-Wharf BIA			

City Checks Issued June 19, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name		Transaction Amount
106826	06/19/2026			CATTO'S GRAPHICS INC.		$412.97
	Invoice	Date	Description		Amount	
	110236	05/12/2026	Banner for summer concerts		$412.97	
106827	06/19/2026			CLASSIFIED SOUND		$3,900.00
	Invoice	Date	Description		Amount	
	2606CAP	05/22/2026	Sound Engineering - June Twilight Concerts		$3,900.00	
106828	06/19/2026		07/01/2026	COMMUNITY ACTION BOARD		$5,628.00
	Invoice	Date	Description		Amount	
	CAB060526	06/05/2026	May Emergency Housing Assistance		$628.00	
	CG063026	06/15/2026	Community grant		$5,000.00	
		1000 - General Fund			$5,000.00	
		5552 - Cap Hsg Succ- Program Income			$628.00	
106829	06/19/2026		07/01/2026	COMMUNITY BRIDGES		$9,900.00
	Invoice	Date	Description		Amount	
	CB060226	06/02/2026	2026 Shuttle Services		$9,900.00	
106830	06/19/2026			COMMUNITY TELEVISION OF SANTA CRUZ COUNTY		$2,022.75
	Invoice	Date	Description		Amount	
	3742	05/29/2026	April Planning Commission and City Council meeting footage		$2,022.75	
		1320 - PEG - Public Education and Govt				
106831	06/19/2026		07/01/2026	CORODATA RECORDS MANAGEMENT, INC.		$321.80
	Invoice	Date	Description		Amount	
	RS3793801	05/31/2026	May Records Management		$160.90	
	RS3780854	03/31/2026	March Records Management		$160.90	
106832	06/19/2026		07/01/2026	CORODATA SHREDDING INC.		$70.36
	Invoice	Date	Description		Amount	
	DN1580652	05/31/2026	May records shredding		$70.36	
106833	06/19/2026		07/01/2026	COUNTY OF SANTA CRUZ		$612.20
	Invoice	Date	Description		Amount	
	SCCO061126	06/11/2026	Edible Food Service Contract Partnership		$612.20	
106834	06/19/2026		07/01/2026	COUNTY OF SANTA CRUZ		$444.48
	Invoice	Date	Description		Amount	
	PICORTHO26	06/10/2026	GIS Pictometry Orthophotography Project		$444.48	
106835	06/19/2026		07/01/2026	CRESCO EQUIPMENT RENTALS		$13,092.50
	Invoice	Date	Description		Amount	
	6628285-0001	06/02/2026	Beach Grading Equipment Rental		$13,092.50	

City Checks Issued June 19, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
106836	06/19/2026		07/01/2026	CSG Consultants Inc.	$8,941.06
	Invoice	Date	Description	Amount	
	B260724	06/01/2026	Building Plan Review Services thru 5.31.26	$546.06	
	66433	06/11/2026	Building Official Services thru 5.29.26	$8,395.00	
106837	06/19/2026		07/01/2026	CSW-STUBER-STROEH ENGINEERING GROUP INC	$5,341.75
	Invoice	Date	Description	Amount	
	2605095	05/31/2026	Cliff Drive Resiliency Project Services thru 4.30.26	$5,341.75	
		1200 - Capital Improvement Fund			
106838	06/19/2026		07/01/2026	CUMMING MANAGEMENT GROUP, INC.	$16,797.50
	Invoice	Date	Description	Amount	
	192219	05/31/2026	Community Center Construction Management Services thru 5	$1,572.50	
	192220	05/31/2026	CDBG Funded Construction Management Services thru 5.31.2	$15,225.00	
		1200 - Capital Improvement Fund			
106839	06/19/2026		07/01/2026	CURTIS BLUE LINE	$602.09
	Invoice	Date	Description	Amount	
	INV1077511	06/09/2026	Leg Shroud	$173.19	
	INV1069343	05/14/2026	Duty Holster	$428.90	
106840	06/19/2026		07/01/2026	DEPT OF ALCOHOLIC BEVERAGE CONTROL	$650.00
	Invoice	Date	Description	Amount	
	APP061526	06/15/2026	APP Training Conference	$650.00	
106841	06/19/2026		07/01/2026	DOCTORS ON DUTY	$495.00
	Invoice	Date	Description	Amount	
	DOD060426	06/04/2026	New employee testing & exams	$495.00	
106842	06/19/2026		07/01/2026	DONALD W ALLEY	$2,362.87
	Invoice	Date	Description	Amount	
	626-02	06/08/2026	Soquel Lagoon Monitoring Scope and Budget FY2025-2026	$2,362.87	
106843	06/19/2026			DOOLEY ENTERPRISES INC.	$257.00
	Invoice	Date	Description	Amount	
	71862	05/26/2026	Pellets	$257.00	
106844	06/19/2026		07/01/2026	ECOLOGY ACTION OF SANTA CRUZ	$15,520.14
	Invoice	Date	Description	Amount	
	68989	01/31/2026	Capitola Active Transportation Plan thru 1.31.26	$7,014.03	
	69139	05/31/2026	Capitola Active Transportation Plan thru 5.31.26	$8,506.11	
		1200 - Capital Improvement Fund			
106845	06/19/2026			ELEVATOR SERVICE COMPANY INC.	$220.00
	Invoice	Date	Description	Amount	
	56865	06/01/2026	Quarterly lube and inspection	$220.00	

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Check Number	Invoice Number	Invoice Date	Description	Payee Name		Transaction Amount
106846	06/19/2026		07/01/2026	ESSIE DEVILLE		$800.00
	Invoice	Date	Description		Amount	
	1024	06/02/2026	Food Truck Friday Performance		$800.00	
106847	06/19/2026		07/01/2026	EXCEEDIO		$20,788.81
	Invoice	Date	Description		Amount	
	19004	06/01/2026	June IT Services FY25/26		$18,271.16	
	19032	05/31/2026	IT Services FY25/26 - Laptop		$2,517.65	
		2211 - ISF - Information Technology				
106848	06/19/2026			EXECUTIVE FACILITIES SERVICES, INC.		$7,472.51
	Invoice	Date	Description		Amount	
	37511	05/31/2026	May Janitorial Services		$7,284.00	
	37854	05/31/2026	Bio cleaning services		$188.51	
		1000 - General Fund		$6,601.18		
		1311 - Wharf		$871.33		
106849	06/19/2026		07/01/2026	FAMILY SERVICE AGENCY OF THE CENTRAL COAST		$3,500.00
	Invoice	Date	Description		Amount	
	CG063026	06/15/2026	Community grant		$3,500.00	
106850	06/19/2026		07/01/2026	FERGUSON ENTERPRISES LLC #795		$1,395.78
	Invoice	Date	Description		Amount	
	6718393-1	06/02/2026	Control mod		$502.18	
	6722783	06/02/2026	Faucet battery		$893.60	
106851	06/19/2026		07/01/2026	GALLS LLC		$85.30
	Invoice	Date	Description		Amount	
	035083887	05/18/2026	Gauge Polo		$85.30	
106852	06/19/2026		07/01/2026	GOLDEN STATE COMMUNICATIONS, INC		$2,520.00
	Invoice	Date	Description		Amount	
	RI42614	05/11/2026	TLK100-Airtime		$2,520.00	
106853	06/19/2026		07/01/2026	GRAINGER		$402.70
	Invoice	Date	Description		Amount	
	9944203836	06/08/2026	Composite, urinal strainer		$402.70	
106854	06/19/2026		07/01/2026	HABITAT FOR HUMANITY MONTEREY BAY		$2,000.00
	Invoice	Date	Description		Amount	
	CG063026	06/15/2026	Community grant		$2,000.00	
106855	06/19/2026		07/01/2026	HARBOR FREIGHT		$255.62
	Invoice	Date	Description		Amount	
	814087	05/26/2026	Fluids for car, gloves, tire changer		$255.62	

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106856	06/19/2026		07/01/2026	HASCO STATIONS, LLC	$17.00
	Invoice	Date	Description	Amount	
	HCL-061801-26	05/31/2026	Carwash Closing Date 5/31/2026	$8.50	
	HCL-062899-26	06/15/2026	Carwash Closing Date 6/15/2026	$8.50	
106857	06/19/2026			HD SUPPLY FORMERLY HOME DEPOT PRO	$427.18
	Invoice	Date	Description	Amount	
	0511806	06/05/2026	Anchor Shackle	$99.72	
	7510664	05/29/2026	Stacker boxes and lids	$135.04	
	2511495	06/03/2026	Gloves, turnbuckle, screw eye	$192.42	
106858	06/19/2026		07/01/2026	Hi-Line Inc.	$227.71
	Invoice	Date	Description	Amount	
	3305598	06/09/2026	Shield retainers, locknuts, bolts	$227.71	
106859	06/19/2026			HINDERLITER DELLAMAS AND ASSOCIATES	$3,353.18
	Invoice	Date	Description	Amount	
	SIN063457	06/01/2026	District Sales Tax Auditing Services Q4 44053	$3,353.18	
106860	06/19/2026		07/01/2026	HOME DEPOT CREDIT SERVICES	$284.50
	Invoice	Date	Description	Amount	
	1340782	06/04/2026	Lumber, utility knife, dowel	$97.93	
	2610432	06/03/2026	Lumber, dowel, spade	$127.18	
	1903721	06/04/2026	Hadwood round dowel	$59.39	
106861	06/19/2026		07/01/2026	JACOB'S HEART CHILDREN'S CANCER SUPPORT SERVICES	$3,500.00
	Invoice	Date	Description	Amount	
	CG063026	06/15/2026	Community grant	$3,500.00	
		1305 - Restricted TOT			
106862	06/19/2026		07/01/2026	JOHN KARWIN	$340.00
	Invoice	Date	Description	Amount	
	JK061526	06/15/2026	Museum contract work	$340.00	
106863	06/19/2026		07/01/2026	JONI L. JANECKI & ASSOCIATES INC.	$3,000.00
	Invoice	Date	Description	Amount	
	10193	01/06/2026	Community Center Screening	$2,400.00	
	10153	11/12/2025	Community Center Screening Services thru 10.31.25	$600.00	
106864	06/19/2026		07/01/2026	KARIN ANDERSON	$700.00
	Invoice	Date	Description	Amount	
	26	06/01/2026	BIA Ambassador	$700.00	
		1321 - BIA - Capitola Village-Wharf BIA			

City of Capitola

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Check Number	Invoice Number	Invoice Date	Description	Payee Name		Transaction Amount
106865	06/19/2026		07/01/2026	KBA Document Solutions LLC		$764.51
	Invoice	Date	Description		Amount	
	55Y1606798	06/03/2026	City Hall copier usage charges		$20.24	
	55Y1606878	06/03/2026	City Hall copier usage charges		$126.48	
	55Y1607609	06/05/2026	City Hall copier usage charges		$402.79	
	55Y1607732	06/08/2026	Recreation copier maintenance		$200.00	
	55Y1609572	06/16/2026	Toner		$15.00	
		1000 - General Fund		$200.00		
		2210 - ISF - Stores Fund		$15.00		
		2211 - ISF - Information Technology		$549.51		
106866	06/19/2026		07/01/2026	KIMLEY HORN AND ASSOCIATES INC		$4,490.00
	Invoice	Date	Description		Amount	
	35436734	03/31/2026	41st Avenue Multimodal Corridor Improvements thru 3.31.26		$4,490.00	
		1200 - Capital Improvement Fund				
106867	06/19/2026		07/01/2026	LABORMAX STAFFING		$4,875.23
	Invoice	Date	Description		Amount	
	26-503792	06/05/2026	Public works seasonal labor 6/1 - 6/5/26		$2,389.47	
	26-504812	06/12/2026	Public works seasonal labor 6/8 - 6/12/26		$2,485.76	
106868	06/19/2026		07/01/2026	LC ACTION POLICE SUPPLY LTD		$1,563.62
	Invoice	Date	Description		Amount	
	73514	06/12/2026	Less Lethal Impact Rounds		$1,563.62	
106869	06/19/2026		07/01/2026	LEE & ASSOCIATES RESCUE EQUIPMENT, INC.		$4,000.00
	Invoice	Date	Description		Amount	
	62010	05/28/2026	Gas Mask Fit Testing Service		$4,000.00	
106870	06/19/2026		07/01/2026	LISA RUPP		$237.25
	Invoice	Date	Description		Amount	
	LP060526	06/05/2026	Instructor Payment		$237.25	
106871	06/19/2026			LP POLICE		$600.00
	Invoice	Date	Description		Amount	
	426LP31150	04/30/2026	Semi Annual Plan Fee for 4/30/26 - 10/29/26		$600.00	
106872	06/19/2026			MARTHA MACAMBRIDGE		$2,041.57
	Invoice	Date	Description		Amount	
	2449	06/16/2026	Districting Public Outreach		$960.58	
	2448	06/16/2026	Districting Public Outreach		$1,080.99	

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Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
106873	06/19/2026		07/01/2026	McMASTER-CARR SUPPLY COMPANY	$353.50
	Invoice	Date	Description	Amount	
	66703235	06/15/2026	Stainless steel, screws, washers, nuts	$353.50	
106874	06/19/2026		07/01/2026	MID COUNTY AUTO SUPPLY	$28.50
	Invoice	Date	Description	Amount	
	M-3391172	06/10/2026	Repair kit	$28.50	
106875	06/19/2026			MID COUNTY SENIOR CENTER	$3,500.00
	Invoice	Date	Description	Amount	
	CG063026	06/15/2026	Community grant	$3,500.00	
106876	06/19/2026			MISSION LINEN SUPPLY	$427.72
	Invoice	Date	Description	Amount	
	526165910	06/08/2026	Linen Maintenance	$78.79	
	526175802	06/10/2026	Fleet towels, uniform cleaning	$84.31	
	526175803	06/10/2026	Corp. Yard linen service	$105.41	
	526225097	06/17/2026	Corp. Yard linen service	$94.78	
	526225096	06/17/2026	Fleet towels, uniform cleaning	$64.43	
106877	06/19/2026		07/01/2026	MONARCH SERVICES	$3,500.00
	Invoice	Date	Description	Amount	
	CG063026	06/15/2026	Community grant	$3,500.00	
106878	06/19/2026			MONTEREY BAY NATIONAL MARINE SANCTUARY	$5,000.00
	Invoice	Date	Description	Amount	
	CG063026	06/15/2026	Community grant	$5,000.00	
		1305 - Restricted TOT			
106879	06/19/2026		07/01/2026	NAMI SANTA CRUZ COUNTY	$5,000.00
	Invoice	Date	Description	Amount	
	CG063026	06/15/2026	Community grant	$5,000.00	
106880	06/19/2026		07/01/2026	NETFILE INC	$4,000.00
	Invoice	Date	Description	Amount	
	10986	06/08/2026	Annual subscription for agency services	$4,000.00	
		2211 - ISF - Information Technology			
106881	06/19/2026		07/01/2026	NORTH BAY FORD	$93.43
	Invoice	Date	Description	Amount	
	298915	05/28/2026	Lamp Asy	$93.43	
106882	06/19/2026		07/01/2026	NOVO SOLUTIONS INC	$11,280.00
	Invoice	Date	Description	Amount	
	8141	06/12/2026	Software for asset/work order management	$11,280.00	
		1317 - Technology Fee Fund			

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Check Number	Invoice Number	Invoice Date	Description	Payee Name		Transaction Amount
106883	06/19/2026		07/01/2026	O'NEILL SEA ODYSSEY		$4,250.00
	Invoice	Date	Description		Amount	
	CG063026	06/15/2026	Community grant		$4,250.00	
106884	06/19/2026		07/01/2026	O'REILLY AUTO PARTS		$422.82
	Invoice	Date	Description		Amount	
	2763-207254	05/31/2026	Oil filter & spark plug		$19.30	
	2763-206858	05/29/2026	Light		$10.48	
	2763-208202	06/04/2026	Brake pads & oil filter		$255.94	
	2763-209837	06/12/2026	Brake pads		($123.67)	
	2763-209806	06/12/2026	Brake pads		$123.67	
	2763-209260	06/09/2026	Pitman arm, battery, auto parts		$137.10	
106885	06/19/2026		07/01/2026	OPPOSITE OF EAST		$3,300.00
	Invoice	Date	Description		Amount	
	000516-027	06/10/2026	BIA Communications Manager Services		$3,300.00	
		1321 - BIA - Capitola Village-Wharf BIA				
106886	06/19/2026		07/01/2026	OUTDOOR SUPPLY HARDWARE		$337.59
	Invoice	Date	Description		Amount	
	1088	06/04/2026	PVC part		$3.05	
	1086	06/02/2026	Key blank		$8.72	
	1098	06/09/2026	Drill bits		$81.87	
	1094	06/08/2026	Tape, sillock, threaded tape		$64.94	
	1085	06/02/2026	Spring snap, rope		$58.93	
	1087	06/03/2026	Cutting pliers, key blanks		$120.08	
		1000 - General Fund		$255.72		
		1311 - Wharf		$81.87		
106887	06/19/2026	Incorrect Custor	07/16/2026	OUTDOOR WORLD INC.		$85.15
	Invoice	Date	Description		Amount	
	1089	06/04/2026	Bulk fastener and cables		$85.15	
106888	06/19/2026		07/01/2026	PACIFIC GAS & ELECTRIC		$19,528.35
	Invoice	Date	Description		Amount	
	PGE061026-acct9	06/10/2026	June Pacific Cove parking lot utilities		$3,093.29	
	PGE061126-acct9	06/11/2026	June Rispin Park Utilities		$100.18	
	PGE061526-acct9	06/15/2026	June Monthly utilities		$16,334.88	
		1000 - General Fund		$10,463.62		
		1300 - SLESF - Supl Law Enfc		$90.54		
		1310 - Gas Tax		$8,051.82		
		1311 - Wharf		$922.37		

City of Capitola

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Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
106889	06/19/2026		07/01/2026	PARENTS CENTER OF SANTA CRUZ	$3,700.00
	Invoice	Date	Description	Amount	
	CG063026	06/15/2026	Community grant	$3,700.00	
		1305 - Restricted TOT			
106890	06/19/2026			PEAK COMMUNICATIONS	$2,500.00
	Invoice	Date	Description	Amount	
	052626A	05/26/2026	Jade St. Point to Point Repair	$2,500.00	
		1200 - Capital Improvement Fund			
106891	06/19/2026		07/01/2026	PHIL ALLEGRI ELECTRIC INC.	$12,637.89
	Invoice	Date	Description	Amount	
	37721	06/12/2026	Lower Pac Cove Parking Lot Light Pole Repair	$12,637.89	
106892	06/19/2026		07/01/2026	PRIORS TIRES LLC	$1,145.15
	Invoice	Date	Description	Amount	
	060926-3	06/09/2026	Tires	$1,145.15	
106893	06/19/2026		07/01/2026	ROBERT IVERS	$595.00
	Invoice	Date	Description	Amount	
	8804	06/10/2026	Opacity OVI test	$117.50	
	8805	06/10/2026	Opacity OVI test	$117.50	
	8806	06/10/2026	OBDII Test	$242.50	
	8807	06/10/2026	Opacity OVI test	$117.50	
106894	06/19/2026		07/01/2026	ROBERT M PATTERSON	$250.00
	Invoice	Date	Description	Amount	
	RP051926	05/19/2026	Administrative Reviews Billing Statement 5/19/2026	$150.00	
	RP060826	06/08/2026	Administrative Reviews Billing Statement 6/8/2026	$100.00	
106895	06/19/2026		07/01/2026	SAN LORENZO LUMBER	$273.90
	Invoice	Date	Description	Amount	
	55-1035574	06/03/2026	Sockets, spade, string liner	$175.62	
	55-1037972	06/15/2026	Markers, charge bolts, washers, hex nuts, split lockwashers	$98.28	
106896	06/19/2026		07/01/2026	SANTA CRUZ AUTO PARTS INC.	$9.24
	Invoice	Date	Description	Amount	
	544021	06/10/2026	Ford transmission fluid	$9.24	

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Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
106897	06/19/2026			SANTA CRUZ CHILDRENS MUSEUM OF DISCOVERY	$7,250.00
	Invoice	Date	Description	Amount	
	CG063026	06/15/2026	Community grant	$7,250.00	
		1305 - Restricted TOT			
106898	06/19/2026		07/01/2026	SANTA CRUZ COUNTY AUDITOR-CONTROLLER	$15,305.50
	Invoice	Date	Description	Amount	
	SCCO053026	06/01/2026	May citation processing	$15,305.50	
106899	06/19/2026		07/01/2026	SANTA CRUZ COUNTY DEPT OF PUBLIC WORKS	$319.81
	Invoice	Date	Description	Amount	
	52960	05/31/2026	Landfill Charges Acct #1094	$319.81	
106900	06/19/2026		07/01/2026	SANTA CRUZ COUNTY INFORMATION SERVICES	$704.99
	Invoice	Date	Description	Amount	
	Radio Shop 6/26	06/09/2026	FY25/26 Fourth Quarter Radio Shop Charges	$704.99	
106901	06/19/2026		07/01/2026	SANTA CRUZ JUNK REMOVAL	$614.00
	Invoice	Date	Description	Amount	
	3158	06/12/2026	Trash Removal Campsite Cleanout	$614.00	
106902	06/19/2026			SANTA CRUZ LIVE SCAN INC.	$30.00
	Invoice	Date	Description	Amount	
	410	06/01/2026	May 2026 PD Fingerprinting	$30.00	
106903	06/19/2026			SANTA CRUZ PUBLIC LIBRARIES	$17,753.81
	Invoice	Date	Description	Amount	
	SCPL060826	06/08/2026	Reimbursement for Capitola Blinds	$17,753.81	
		1360 - Library Fund			
106904	06/19/2026		07/01/2026	SANTA CRUZ SENTINEL	$988.80
	Invoice	Date	Description	Amount	
	0001474872	05/31/2026	May Legal Notices	$988.80	
106905	06/19/2026		07/01/2026	SECURE SOLUTIONS	$1,981.30
	Invoice	Date	Description	Amount	
	002262	05/21/2026	Police Officer Candidate Background Investigation	$1,981.30	
106906	06/19/2026		07/01/2026	SECURITY CRIME PREVENTION CORP	$2,800.00
	Invoice	Date	Description	Amount	
	4432	05/31/2026	May 2026 Site Lockup and Walk Through	$2,800.00	
106907	06/19/2026		07/01/2026	SENIOR NETWORK SERVICES INC.	$5,000.00
	Invoice	Date	Description	Amount	
	CG063026	06/15/2026	Community grant	$5,000.00	

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Check Number	Invoice Number	Invoice Date	Description	Payee Name		Transaction Amount
106908	06/19/2026		07/01/2026	SENIORS COUNCIL OF SC COUNTY		$5,000.00
	Invoice	Date	Description		Amount	
	CG063026	06/15/2026	Community grant		$5,000.00	
106909	06/19/2026		07/01/2026	SERVPRO OF PALO ALTO		$728.16
	Invoice	Date	Description		Amount	
	6038	06/02/2026	Bio Remediation for 211 on 5/6/2026		$728.16	
106910	06/19/2026			SOQUEL CREEK WATER DISTRICT		$41,915.44
	Invoice	Date	Description		Amount	
	42-14952-0060226	06/02/2026	42-14952 Cortez Park irrigation		$2,504.45	
	42-15297-0060226	06/02/2026	42-15297-00 426 Capitola Ave irrigation		$716.26	
	42-15969-0060226	06/02/2026	42-15969-00 Lawn Way irrigation		$929.19	
	42-16122-0060226	06/02/2026	42-16122-00 Esplanade fountain irrigation		$320.50	
	42-10504-0060226	06/02/2026	42-10504-00 Cliff Drive irrigation		$312.12	
	42-11090-0060226	06/02/2026	42-11090-01 Capitola Road irrigation		$716.26	
	42-11467-0060226	06/02/2026	42-11467-00 Jade Street park irrigation		$20,439.61	
	42-11517-0060226	06/02/2026	42-11517-00 41st Avenue irrigation		$716.26	
	42-14404-0060226	06/02/2026	42-14404-00 Monterey Ave. Nobel Gulch Park irrigation		$900.18	
	42-16130-0060226	06/02/2026	42-16130-00 Wharf Road irrigation		$312.76	
	42-16136-0060226	06/02/2026	42-16136-00 1400 Wharf Road irrigation		$1,576.58	
	42-16407-0060226	06/02/2026	42-16407-00 Bay Ave. irrigation		$312.12	
	34-18508-0060226	06/02/2026	34-18508-00 1510 McGregor Drive water service		$158.74	
	42-14431-0060226	06/02/2026	42-14431-00 Monterey Ave irrigation		$11,376.17	
	42-17688-0060226	06/02/2026	42-17688-00 Lawn Way irrigation 2		$312.12	
	42-18238-0060226	06/02/2026	42-18238-00 Capitola Road irrigation		$312.12	
		1000 - General Fund		$40,338.86		
		1311 - Wharf		$1,576.58		
106911	06/19/2026			SOQUEL NURSERY GROWERS INC.		$238.19
	Invoice	Date	Description		Amount	
	405331	06/04/2026	Polystichum munitum		$238.19	
106912	06/19/2026			SOUTH BAY REGIONAL TRAINING		$7,796.00
	Invoice	Date	Description		Amount	
	226502	05/11/2026	526 Basic Police Academy		$4,189.00	
	226516	05/11/2026	563 Basic Police Academy		$3,607.00	
106913	06/19/2026			SPECTRUM BUSINESS		$1,679.15
	Invoice	Date	Description		Amount	
	257413201060126	06/01/2026	June internet service		$1,679.15	
		1000 - General Fund		$506.45		
		2211 - ISF - Information Technology		$1,172.70		

City of Capitola

City Checks Issued June 19, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name		Transaction Amount
106914	06/19/2026			SSB CONSTRUCTION		$556,091.90
	Invoice	Date	Description		Amount	
	SSB#11	04/06/2026	Community Center Renovation Project thru 3.31.26		$556,091.90	
		1200 - Capital Improvement Fund				
106915	06/19/2026		07/01/2026	STAPLES ADVANTAGE		$263.54
	Invoice	Date	Description		Amount	
	6065945114	06/09/2026	Paper Plates, Cups and Utensils		$173.90	
	6066079372	06/11/2026	Pens and Correction Tape		$89.64	
106916	06/19/2026		07/01/2026	STATE CONTROLLER		$291.77
	Invoice	Date	Description		Amount	
	FTB00008961	05/06/2026	2025 FTB Offsets Program		$291.77	
106917	06/19/2026			THE DIVERSITY CENTER		$3,550.00
	Invoice	Date	Description		Amount	
	CG063026	06/15/2026	Community grant		$3,550.00	
		1305 - Restricted TOT				
106918	06/19/2026			TRAFFIC LOGIX CORPORATION		$6,899.00
	Invoice	Date	Description		Amount	
	SIN35187	12/18/2025	Speed Feedback Signs		$6,899.00	
		1000 - General Fund		$0.04		
		1308 - SB1 Road Maint. & Rehab.		$3,449.48		
		1309 - RTC Streets		$3,449.48		
106919	06/19/2026			UNITED STATES LIFESAVING ASSOCIATION		$40.00
	Invoice	Date	Description		Amount	
	300034065	06/16/2026	Professional		$40.00	
106920	06/19/2026			UNITED WAY OF SANTA CRUZ COUNTY		$3,750.00
	Invoice	Date	Description		Amount	
	CG063026-1	06/15/2026	Community grant - Cradle to Career SC County		$3,750.00	
106921	06/19/2026			UNITED WAY OF SANTA CRUZ COUNTY		$1,250.00
	Invoice	Date	Description		Amount	
	CG063026-2	06/15/2026	Community grant - United Way		$1,250.00	
106922	06/19/2026			UNITED WAY OF SANTA CRUZ COUNTY		$2,500.00
	Invoice	Date	Description		Amount	
	CG063026-3	06/15/2026	Community grant - United4Youth		$2,500.00	
		1305 - Restricted TOT				

City of Capitola

City Checks Issued June 19, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
106923	06/19/2026			URBAN FIELD EL CERRITO LLC	$630.00
	Invoice	Date	Description	Amount	
	2525-01	06/02/2026	Capitola Mall Diagram	$630.00	
		1313 - General Plan Update and Maint			
106924	06/19/2026		07/01/2026	US BANK EQUIPMENT FINANCE	$14.00
	Invoice	Date	Description	Amount	
	583628532	06/03/2026	Recreation copier lease	$14.00	
106925	06/19/2026			VERITONE INC.	$1,200.00
	Invoice	Date	Description	Amount	
	1033417	11/06/2025	Redact Application Annual License Fee for 11/11/25 - 11/10/2	$1,200.00	
106926	06/19/2026		07/01/2026	VERIZON WIRELESS	$2,430.94
	Invoice	Date	Description	Amount	
	6145771664	06/10/2026	June telephone charges	$2,430.94	
106927	06/19/2026			VISTA CENTER FOR THE BLIND	$5,000.00
	Invoice	Date	Description	Amount	
	CG063026	06/15/2026	Community grant	$5,000.00	
106928	06/19/2026		07/01/2026	VOLUNTEER CENTERS OF SC COUNTY	$3,500.00
	Invoice	Date	Description	Amount	
	CG063026	06/15/2026	Community grant	$3,500.00	
106929	06/19/2026			WE ALL RIDE SANTA CRUZ	$120.69
	Invoice	Date	Description	Amount	
	4192247	06/11/2026	Brake pads	$120.69	
106930	06/19/2026			WESTERN EXTERMINATOR COMPANY	$110.21
	Invoice	Date	Description	Amount	
	97613274	06/08/2026	City Hall rodent control	$110.21	
106931	06/19/2026		07/01/2026	Cheng, Amy	$65.00
	Invoice	Date	Description	Amount	
	AC052126	05/21/2026	Citation # 511123692	$65.00	
106932	06/19/2026			KERRIE CARROLL	$390.00
	Invoice	Date	Description	Amount	
	KC060926	06/09/2026	Capitola Recreation Refund	$390.00	

City Checks Issued June 19, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name		Transaction Amount
106933	06/19/2026			KERRIE CARROLL		$390.00
	Invoice	Date	Description		Amount	
	KC060926-2	06/09/2026	Capitola Recreation Refund		$390.00	
106934	06/19/2026	Incorrect Custor	07/16/2026	Toofan, Mehrdad		$380.00
	Invoice	Date	Description		Amount	
	MT061026	06/10/2026	Citation # 506126009		$380.00	
Type Check Totals:						$1,020,469.82
SCCB - SCCB Payroll						
Check						
7339	06/19/2026			CAPITOLA PEACE OFFICERS ASSOCIATION		$1,270.50
	Invoice	Date	Description		Amount	
	POA061226-2	06/12/2026	POA & gym dues PPE 6/6/26		$1,270.50	
		1001 - Payroll Payables				
7340	06/19/2026		07/06/2026	EQUITABLE		$3,408.89
	Invoice	Date	Description		Amount	
	1887977-2	05/11/2026	June LTD, STD, AD&D, life insurance		$3,408.89	
		1001 - Payroll Payables				
7341	06/19/2026			UPEC LIUNA LOCAL 792		$735.00
	Invoice	Date	Description		Amount	
	9684-2	06/12/2026	UPEC dues June		$735.00	
		1001 - Payroll Payables				
7342	06/19/2026		07/06/2026	US BANK PARS Acct 6746022400		$4,771.97
	Invoice	Date	Description		Amount	
	PARS061226-2	06/12/2026	PARS contributions PPE 6/6/26		$4,771.97	
		1001 - Payroll Payables				
Type Check Totals:						$10,186.36
EFT						
4303	06/15/2026		07/06/2026	CalPERS Member Services Division		$70,212.87
	Invoice	Date	Description		Amount	
	1003309845-8-2	06/12/2026	PERS contributions PPE 6/6/26		$70,212.87	
		1001 - Payroll Payables				
4304	06/15/2026		07/06/2026	EMPLOYMENT DEVELOPMENT DEPARTMENT		$13,760.52
	Invoice	Date	Description		Amount	
	1-068-766-032-2	06/12/2026	State tax PPE 6/6/26		$13,760.52	
		1001 - Payroll Payables				

City of Capitola

City Checks Issued June 19, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
4305	06/15/2026		07/06/2026	INTERNAL REVENUE SERVICE	$42,499.37
	Invoice	Date	Description	Amount	
	63935739-2	06/12/2026	Federal taxes & Medicare PPE 6/6/26	$42,499.37	
		1001 - Payroll Payables			
4306	06/15/2026		07/06/2026	STATE DISBURSEMENT UNIT	$1,197.67
	Invoice	Date	Description	Amount	
	56894231-2	06/12/2026	Employee garnishments PPE 6/6/26	$1,197.67	
		1001 - Payroll Payables			
4307	06/15/2026		07/06/2026	VOYA FINANCIAL	$12,229.16
	Invoice	Date	Description	Amount	
	VOYA061226-2	06/12/2026	Employee 457 contributions PPE 6/6/26	$12,229.16	
		1001 - Payroll Payables			
4308	06/09/2026		07/06/2026	INTERNAL REVENUE SERVICE	$409.95
	Invoice	Date	Description	Amount	
	21419923-2	06/09/2026	Federal taxes & Medicare employee final check	$409.95	
		1001 - Payroll Payables			
4309	06/10/2026		07/06/2026	EMPLOYMENT DEVELOPMENT DEPARTMENT	$63.36
	Invoice	Date	Description	Amount	
	0-813-376-336-2	06/09/2026	State tax employee final check	$63.36	
		1001 - Payroll Payables			
4310	06/15/2026		07/06/2026	CalPERS Fiscal Services Division	$67,050.00
	Invoice	Date	Description	Amount	
	1003308506-2	06/10/2026	FY 25/26 OPEB trust contribution	$67,050.00	
Type EFT Totals:					$207,422.90

Checks	**140**	**$1,020,469.82**
EFTs	**0**	**$0.00**
All	**140**	**$1,020,469.82**
Payroll Totals		
Checks	**8**	**$13,904.44**
EFTs	**155**	**$467,133.28**
All	**163**	**$481,037.72**
Grand Totals:		
Checks	**148**	**$1,034,374.26**
EFTs	**155**	**$467,133.28**
All	**303**	**$1,501,507.54**

Cash Position – City of Capitola

July 3, 2026

City main account checks dated July 3, 2026, numbered 106935 to 107013 totaling $208,633.43, 6 payroll checks totaling $16,465.55 and 158 payroll EFTs totaling $531,702.01 for a grand total of $756,800.99, have been reviewed and authorized for distribution by the City Manager.

As of July 3, 2026, the unaudited cash balance is $8,959,200.

Jamie Goldstein — Date 7/31/26
City Manager

Jim Malberg — Date 7/31/26
Administrative Services Director

CASH BALANCE July 3, 2026

Fund	Description	Ending Balance
1000	General Fund	$ (2,246,848)
1001	Payroll Payables	1,944
Total General Funds		**$ (2,244,904)**
1010	Contingency Reserve	$ 2,319,346
1015	PERS Contingency Fund	1,690,919
1020	Emergency Reserve	1,592,776
1025	Facilities Reserve Fund	282,714
Total Reserve Funds		**$ 5,885,754**
1200	Capital Improvement Fund	**$ (1,054,375)**
2210	ISF - Stores Fund	$ 50,106
2211	ISF - Information Technology	620,439
2212	ISF - Equipment Replacement	309,395
2213	ISF - Self-Insurance Liability	98,319
2214	ISF - Workers Compensation	119,363
2216	ISF - Compensated Absences	(375,360)
Total Internal Service Funds		**$ 822,262**
TOTAL AVAILABLE GENERAL FUNDS		**$ 3,408,737**
1300	SLESF - Supl Law Enfc	$ 104,492
1305	Restricted TOT	67,685
1308	SB1 Road Maint. & Rehab.	139,722
1309	RTC Streets	175,813
1310	Gas Tax	238,711
1311	Wharf	1,917
1313	General Plan Update and Maint	244,473
1314	Green Building Education	297,217
1315	Public Art Fee Fund	132,430
1316	Parking Reserve Fund	737
1317	Technology Fee Fund	102,406
1320	PEG - Public Education and Govt	71,300
1321	BIA - Capitola Village-Wharf BIA	1,142
1350	CDBG Grants	554,398
1351	CDBG Program Income	9,875
1360	Library Fund	54,616
1370	HOME Reuse	1,153,550
1372	Housing Trust	324,145
1373	Permanent Local Housing Allocatic	18,057
5552	Cap Hsg Succ- Program Income	1,857,781
Total Special Revenue Funds		**$ 5,550,463**
TOTAL CITY CASH BALANCE		**$ 8,959,200**

(1) July 3rd balance does not include $1,000,125 held in the OPEB Trust.

City of Capitola

City Checks Issued July 3, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name		Transaction Amount
106935	06/24/2026			SCHAEFER ROEMMELE		$2,509.00
	Invoice	Date	Description		Amount	
	SR042426	04/24/2026	Memorial Plaque & Bench Refund		$2,509.00	
106936	07/02/2026			AAA WORKSPACE		$1,924.85
	Invoice	Date	Description		Amount	
	2501631-2	06/08/2026	Soap, paper towels		$656.94	
	2500411-2	06/08/2026	Soap		$195.01	
	2504384-1	06/18/2026	Wipes, soap, paper towels		$229.26	
	2504384-0	06/17/2026	Urinal screen, wipes, paper towel, toilet paper		$645.18	
	2504384-2	06/19/2026	Paper towels, soap		$198.46	
106937	07/02/2026			ADAMS ASHBY GROUP INC.		$6,000.00
	Invoice	Date	Description		Amount	
	7675	06/17/2026	General admin of CDBG - Jade Street Park		$6,000.00	
		1350 - CDBG Grants				
106938	07/02/2026			ADVANCED BLIND AND SHADE		$3,053.86
	Invoice	Date	Description		Amount	
	42112	05/04/2026	Community Center Shades		$3,053.86	
106939	07/02/2026			AJ'S FUEL MARKET OF CAPITOLA INC		$336.00
	Invoice	Date	Description		Amount	
	AJ053126	05/31/2026	Carwash Closing Date 5/31/2026		$336.00	
106940	07/02/2026			ALLSAFE LOCK COMPANY		$18.07
	Invoice	Date	Description		Amount	
	126681	06/18/2026	Keys		$18.07	
106941	07/02/2026			AMAZON CAPITAL SERVICES		$1,747.12
	Invoice	Date	Description		Amount	
	1D11-DPGW-L9YL	06/17/2026	Pens		$21.94	
	14KD-CGYJ-4TJH	06/18/2026	Pellets, smoke blower		$943.76	
	1PNX-VT1C-NRCV	06/17/2026	Ice packs and softballs		$161.38	
	1VJW-CQ7T-JPGQ	06/22/2026	Dry Erase Board		$20.53	
	14KL-CDQJ-GRMX	06/22/2026	Planner calendar		$15.56	
	1LLK-C11J-9DY9	06/22/2026	Arts & crafts, first aid, pens		$398.24	
	1VP6-71YP-QX9X	06/24/2026	Crafts		$153.71	
	1JL1-CVGN-Q7CM	06/22/2026	Batteries and Painter's Tape		$32.00	
		1000 - General Fund		$1,725.18		
		2210 - ISF - Stores Fund		$21.94		

City of Capitola

City Checks Issued July 3, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name		Transaction Amount
106942	07/02/2026			AT&T/CALNET 3		$291.24
	Invoice	Date	Description		Amount	
	000025401113	06/13/2026	June telephone service		$291.24	
		1000 - General Fund			$222.44	
		2211 - ISF - Information Technology			$68.80	
106943	07/02/2026			AT&T/CALNET 3		$1,768.38
	Invoice	Date	Description		Amount	
	000025401781	06/13/2026	June T-1 access		$1,768.38	
106944	07/02/2026			B & B SMALL ENGINE REPAIR		$334.69
	Invoice	Date	Description		Amount	
	106961	06/23/2026	Filter, spark plug, gearbox grease, ear protectors		$290.91	
	106993	06/23/2026	Sod cutter, fuel gallon		$43.78	
106945	07/02/2026			BELLOWS PLUMBING HEATING & AIR		$556.00
	Invoice	Date	Description		Amount	
	310411	06/16/2026	Smoke test PD		$556.00	
106946	07/02/2026			BEN NOBLE		$3,712.50
	Invoice	Date	Description		Amount	
	1577	06/10/2026	Housing Element Implementation Services thru 5.30.26		$3,712.50	
		1313 - General Plan Update and Maint				
106947	07/02/2026			BIG CREEK LUMBER		$284.38
	Invoice	Date	Description		Amount	
	2681677	06/23/2026	S-Hook ratchet Tie down, redwood		$284.38	
106948	07/02/2026			BURKE WILLIAMS AND SORENSEN LLP		$50,788.50
	Invoice	Date	Description		Amount	
	369818	06/17/2026	May Legal Services		$20,098.00	
	369817	06/17/2026	May Legal Services		$1,452.00	
	369819	06/17/2026	May Legal Services		$4,836.00	
	369820	06/17/2026	May Legal Services		$2,754.25	
	369821	06/17/2026	May Legal Services		$404.75	
	369822	06/17/2026	May Legal Services		$7,435.00	
	369823	06/17/2026	May Legal Services		$2,343.00	
	369824	06/17/2026	May Legal Services		$671.00	
	369825	06/17/2026	May Legal Services		$10,794.50	
		1000 - General Fund			$48,445.50	
		1372 - Housing Trust			$2,343.00	

City of Capitola

City Checks Issued July 3, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name		Transaction Amount
106949	07/02/2026			CALE AMERICA INC.		$983.64
	Invoice	Date	Description		Amount	
	191060	06/29/2026	June 2026 Active Meters		$983.64	
106950	07/02/2026			CARIN HANNA		$3,996.36
	Invoice	Date	Description		Amount	
	CH061326	06/13/2026	BIA Reimbursement		$3,996.36	
		1321 - BIA - Capitola Village-Wharf BIA				
106951	07/02/2026			CINTAS CORPORATION		$220.73
	Invoice	Date	Description		Amount	
	5343792210	06/24/2026	City Hall first aid supplies		$71.46	
	5343792209	06/24/2026	First Aid Replenishment		$149.27	
106952	07/02/2026			CLARK SERVICES		$4,196.60
	Invoice	Date	Description		Amount	
	19873	06/23/2026	FY25/26 Village Sidewalk Cleaning - June		$4,196.60	
106953	07/02/2026			COMMUNITY PRINTERS		$157.32
	Invoice	Date	Description		Amount	
	46133011	05/05/2026	Coroplast signs		$157.32	
106954	07/02/2026			COMMUNITY TELEVISION OF SANTA CRUZ COUNTY		$3,375.00
	Invoice	Date	Description		Amount	
	3751	06/19/2026	May Planning Commision and City Council meeting footage		$3,375.00	
		1320 - PEG - Public Education and Govt				
106955	07/02/2026			COVELLO AND COVELLO PHOTOGRAPHY		$5,393.12
	Invoice	Date	Description		Amount	
	1216	06/18/2026	Professional Photos		$5,393.12	
106956	07/02/2026			CSG Consultants Inc.		$10,163.75
	Invoice	Date	Description		Amount	
	66695	06/12/2026	Planning Services thru 5.29.26		$10,163.75	
106957	07/02/2026			D & G SANITATION		$2,734.24
	Invoice	Date	Description		Amount	
	320325	05/31/2026	Skate park hand wash station, portable toilets		$504.93	
	320326	05/31/2026	Jade st. park hand wash station rental		$995.83	
	320327	05/31/2026	Wharf portable toilets		$1,233.48	
		1000 - General Fund		$1,500.76		
		1311 - Wharf		$1,233.48		

City Checks Issued July 3, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
106958	07/02/2026			DAVID RIEGERT	$1,250.00
	Invoice	Date	Description		Amount
	DR081226	06/30/2026	Twilight Concert 08.12.26		$1,250.00
106959	07/02/2026			DAVID SCOTT COBABE	$180.00
	Invoice	Date	Description		Amount
	DC063026	06/30/2026	Instructor Payment		$180.00
106960	07/02/2026			DON CARUTH	$1,250.00
	Invoice	Date	Description		Amount
	DC080526	06/30/2026	Twilight Concert 08.05.26		$1,250.00
106961	07/02/2026			EXCEEDIO	$34.39
	Invoice	Date	Description		Amount
	19055	06/17/2026	IT Services FY25/26 - Patch cable		$20.76
	19068	06/17/2026	IT Services FY25/26 - Patch cables		$13.63
		2211 - ISF - Information Technology			
106962	07/02/2026			EXTRA LARGE	$1,250.00
	Invoice	Date	Description		Amount
	EL072226	06/30/2026	Twilight Concert 07.22.26		$1,250.00
106963	07/02/2026			FEDERAL EXPRESS CORPORATION	$60.00
	Invoice	Date	Description		Amount
	26-2949	06/02/2026	Subpoena Service for 26C-00569 & 26C-00571		$60.00
106964	07/02/2026			FIRST ALARM	$364.50
	Invoice	Date	Description		Amount
	959768	06/15/2026	Community Center Fire & Intrusion system monitoring		$364.50
106965	07/02/2026			FLYERS ENERGY LLC	$259.38
	Invoice	Date	Description		Amount
	CFS-4638525	06/15/2026	Card processing		$259.38
106966	07/02/2026			GRAINGER	$1,036.36
	Invoice	Date	Description		Amount
	9953428472	06/16/2026	Rubber plastic		$411.44
	9960239052	06/22/2026	Hand Dryer		$624.92
106967	07/02/2026			HANYA FOJACO	$1,404.00
	Invoice	Date	Description		Amount
	HF062426	06/24/2026	Instructor Payment		$1,404.00

City Checks Issued July 3, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name		Transaction Amount
106968	07/02/2026			HD SUPPLY FORMERLY HOME DEPOT PRO		$5,749.66
	Invoice	Date	Description		Amount	
	1419737494	06/18/2026	Unapplied payment		($461.68)	
	9249522060	05/22/2026	Toilet paper, bloves, paper towels		$696.34	
	9249192616	05/14/2026	Cleaning supplies		$558.48	
	9249031487	05/11/2026	Cleaning supplies		$451.90	
	9248656768	04/30/2026	Cleaning supplies		$1,229.03	
	9247291289	03/24/2026	Toilet paper		$648.07	
	9247627514	04/02/2026	Cleaning supplies		$1,597.02	
	9248091487	04/15/2026	Cleaning supplies		$732.80	
	9247095688	03/18/2026	Paper towels		$297.70	
106969	07/02/2026			HEIDI MICHELLE WOODMANSEE		$1,548.30
	Invoice	Date	Description		Amount	
	HW063026	06/30/2026	Instructor Payment		$1,548.30	
106970	07/02/2026			HINDERLITER DELLAMAS AND ASSOCIATES		$2,986.24
	Invoice	Date	Description		Amount	
	SIN064434	06/22/2026	District Sales tax auditing services Q4 60334		$600.00	
	SIN064615	06/22/2026	District Sales tax auditing services Q4 60C67		$900.00	
	SIN064754	05/31/2026	May TOT and STR admin fees		$1,486.24	
106971	07/02/2026			HOME DEPOT CREDIT SERVICES		$2,900.34
	Invoice	Date	Description		Amount	
	8012807	06/17/2026	Screwdriver bits, cement, pipe		$73.81	
	3280058	06/22/2026	Shovels		$274.53	
	2522238	06/23/2026	Buckets, padlock, caution tape, shovels		$106.24	
	3514777	06/22/2026	Line chalk, nail puller		$72.42	
	7513910	05/19/2026	Aluminum chalk kit, light, crocodile cloth		$296.35	
	1524847	05/15/2026	Blades, grinder		$165.33	
	7921559	06/18/2026	Fabric Upholstery		$411.61	
	7582215	06/18/2026	Dresser		$742.22	
	7541564	06/18/2026	Wall cabinet		$394.20	
	4524174	05/12/2026	Clear poly sheeting		$139.07	
	2395364	05/14/2026	Trash container (2)		$89.52	
	7510664	05/29/2026	Pledge, boxes, trash can		$135.04	
		1000 - General Fund		$2,826.53		
		1311 - Wharf		$73.81		

City Checks Issued July 3, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name		Transaction Amount
106972	07/02/2026			INTEGRAL CONSULTING INC		$2,283.00
	Invoice	Date	Description		Amount	
	35507	06/16/2026	Esplanade Park Coastal Access Enhancement Services thru 5.3		$2,283.00	
		1200 - Capital Improvement Fund				
106973	07/02/2026			INTERSTATE TRAFFIC CONTROL PRODUCTS		$609.50
	Invoice	Date	Description		Amount	
	276598	06/23/2026	Signs		$609.50	
106974	07/02/2026			JANET RUSSELL KELLER		$806.00
	Invoice	Date	Description		Amount	
	JK062926	06/29/2026	Instructor Payment		$806.00	
106975	07/02/2026			JIMMY PALAFOX		$1,250.00
	Invoice	Date	Description		Amount	
	JP072926	06/30/2026	Twilight Concert 07.29.26		$1,250.00	
106976	07/02/2026			KEYSER MARSTON ASSOCIATES, INC.		$590.00
	Invoice	Date	Description		Amount	
	0040838	06/17/2026	Economic Development Services thru 5.31.26		$590.00	
106977	07/02/2026			KIMLEY HORN AND ASSOCIATES INC		$29,996.22
	Invoice	Date	Description		Amount	
	36021875	05/31/2026	2026 SS4A Grant - services rendered through 5/31/26		$29,996.22	
		1000 - General Fund			$14,998.11	
		1310 - Gas Tax			$14,998.11	
106978	07/02/2026			KUSTOM CULTURE DESIGN		$987.75
	Invoice	Date	Description		Amount	
	6189	06/12/2026	T-shirts		$987.75	
106979	07/02/2026			LABORMAX STAFFING		$2,293.20
	Invoice	Date	Description		Amount	
	26-505849	06/19/2026	Public works seasonal labor 6/15 - 6/19/26		$2,293.20	

City Checks Issued July 3, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
106980	07/02/2026			LAFCO/LOCAL AGENCY FORMATION COMMISSION	$7,379.44
	Invoice	Date	Description	Amount	
	LAFCO26-27	05/14/2026	LAFCO Fees FY26-27	$7,379.44	
106981	07/02/2026			LAURA ALIOTO	$826.89
	Invoice	Date	Description	Amount	
	LA062226	06/25/2026	Instructor Payment	$292.50	
	LA063026	06/30/2026	Instructor Payment	$534.39	
106982	07/02/2026			LINDE GAS & EQUIPMENT INC.	$273.57
	Invoice	Date	Description	Amount	
	57406962	06/22/2026	Acetylene rental	$273.57	
106983	07/02/2026			MERCY & THE MANZ ENTERTAINMENT LLC	$1,250.00
	Invoice	Date	Description	Amount	
	MTH071526	06/30/2026	Twilight Concert 07.15.26	$1,250.00	
106984	07/02/2026			MISSION LINEN SUPPLY	$274.32
	Invoice	Date	Description	Amount	
	526244792	06/22/2026	Contract Services	$84.60	
	526261269	06/24/2026	Corp. Yard linen service	$105.41	
	526261268	06/24/2026	Fleet towels, uniform cleaning	$84.31	
106985	07/02/2026			NICK ADAMS	$1,250.00
	Invoice	Date	Description	Amount	
	NA070826	06/30/2026	Twilight Concert 07.08.26	$1,250.00	
106986	07/02/2026			NORTH BAY FORD	$130.42
	Invoice	Date	Description	Amount	
	299090	06/12/2026	Capless Fuel Filler Without Lock	$130.42	
106987	07/02/2026			O'REILLY AUTO PARTS	$3.69
	Invoice	Date	Description	Amount	
	2763-211288	06/18/2026	Calipr Spray	$3.69	

City Checks Issued July 3, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name		Transaction Amount
106988	07/02/2026			ORIGINAL WATERMEN		$869.98
	Invoice	Date	Description		Amount	
	508125	06/11/2026	Rescue tubes		$869.98	
106989	07/02/2026			OUTDOOR SUPPLY HARDWARE		$817.10
	Invoice	Date	Description		Amount	
	1108	06/16/2026	Hedge shears, hand weeder, gloves		$102.52	
	1120	06/21/2026	Gorilla tape, pipe strap		$19.64	
	1115	06/18/2026	kneeling pads, Dewalt tool		$76.45	
	1109	06/16/2026	Screwdriver, bit holder magnet, nail punch set		$64.40	
	1111	06/16/2026	Folding pruning saw		$17.47	
	1054	05/15/2026	Bulk fasteners, rubber washers		$5.78	
	1060	05/18/2026	Concrete screws		$43.69	
	1066	05/20/2026	Drill bit		$41.50	
	1082	05/27/2026	Paint, roller frame		$68.42	
	1089	06/04/2026	Screws, rivets, cable, turnbuckle, bulk fasteners		$85.15	
	1095	06/08/2026	Vinegar		$50.23	
	1121	06/22/2026	Buckets		$133.20	
	1067	05/20/2026	Cable ties, sockets, screws, duct tape		$108.65	
		1000 - General Fund		$646.76		
		1311 - Wharf		$170.34		
106990	07/02/2026			Paula Yoshiko Suzuki		$682.50
	Invoice	Date	Description		Amount	
	PS062626	06/26/2026	Instructor Payment		$682.50	
106991	07/02/2026			PERRYBUILT CONSTRUCTION INC.		$4,200.00
	Invoice	Date	Description		Amount	
	CW101	06/26/2026	Wharf repairs and maitenance		$4,200.00	
		1311 - Wharf				

City of Capitola

City Checks Issued July 3, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
106992	07/02/2026			PET PALS DISCOUNT PET SUPPLIES	$41.60
	Invoice	Date	Description	Amount	
	POS2-30154	04/21/2026	K-9 Food	$41.60	
106993	07/02/2026			PETERSON CATERPILLAR	$165.68
	Invoice	Date	Description	Amount	
	JJC278324A	06/18/2026	Volt Solenoid Coil	$82.84	
	PC080223016	06/20/2026	Coil assembly	$82.84	
106994	07/02/2026			PITNEY BOWES	$2,041.99
	Invoice	Date	Description	Amount	
	PB061926	06/19/2026	City Hall postage machine refill	$2,041.99	
		2210 - ISF - Stores Fund			
106995	07/02/2026			ROBIN H EVEREST	$122.85
	Invoice	Date	Description	Amount	
	RE062026	06/20/2026	Instructor Payment	$122.85	
106996	07/02/2026			SAMUEL NIGH	$1,250.00
	Invoice	Date	Description	Amount	
	SN081926	06/30/2026	Twilight Concert 08.19.26	$1,250.00	
106997	07/02/2026		07/02/2026	SANTA CRUZ COUNTY BANK	$15,120.08
	Invoice	Date	Description	Amount	
	SCCB053026	05/31/2026	May Credit Card Charges	$15,120.08	
		1000 - General Fund		$14,971.77	
		2210 - ISF - Stores Fund		$148.31	
106998	07/02/2026			SANTA CRUZ COUNTY DEPT OF PUBLIC WORKS	$218.42
	Invoice	Date	Description	Amount	
	ZONEV-20260277	06/22/2026	Zone V pass through payment	$218.42	

City Checks Issued July 3, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
106999	07/02/2026			SANTA CRUZ COUNTY DEPT OF PUBLIC WORKS	$203.75
	Invoice	Date	Description	Amount	
	ZONEV-20260228	06/18/2026	Zone V pass through payment	$203.75	
107000	07/02/2026			SANTA CRUZ MUNICIPAL UTILITIES	$460.68
	Invoice	Date	Description	Amount	
	SCMU060826	06/08/2026	May water service for medians	$460.68	
107001	07/02/2026			SERVPRO OF PALO ALTO	$672.36
	Invoice	Date	Description	Amount	
	6045	06/05/2026	Bio Remediation for 211 on 6/2/2026	$672.36	
107002	07/02/2026			SIRCHIE	$77.21
	Invoice	Date	Description	Amount	
	0741868-IN	06/11/2026	Evidence and Property Supplies	$77.21	
107003	07/02/2026			SOLAR TRAFFIC SYSTEMS INC	$244.00
	Invoice	Date	Description	Amount	
	26-9758	04/28/2026	Battery pack	$244.00	
107004	07/02/2026			SOQUEL CREEK WATER DISTRICT	$112.58
	Invoice	Date	Description	Amount	
	13-10919-0061626	06/16/2026	13-10919-00 2000 Wharf Road water service	$112.58	
107005	07/02/2026			SOUTH BAY REGIONAL TRAINING	$1,727.00
	Invoice	Date	Description	Amount	
	226625	06/23/2026	528 Firearms and Tactical Rifle Instructor Course	$1,727.00	
107006	07/02/2026			SPUN	$1,250.00
	Invoice	Date	Description	Amount	
	PB070126	06/30/2026	Twilight Concert 7/1/26	$1,250.00	

City Checks Issued July 3, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
107007	07/02/2026			SUMMIT UNIFORMS	$1,958.00
	Invoice	Date	Description		Amount
	42237	05/27/2026	550 Uniforms and Tailoring Charges		$1,958.00
107008	07/02/2026			T MOBILE	$436.80
	Invoice	Date	Description		Amount
	TM062026	06/20/2026	June cell phone usage - acct # 989440968		$436.80
107009	07/02/2026			UNITED STATES LIFESAVING ASSOCIATION	$160.00
	Invoice	Date	Description		Amount
	5084	06/17/2026	Course Completion Card		$160.00
107010	07/02/2026			UPS	$24.43
	Invoice	Date	Description		Amount
	0000954791256	06/20/2026	Shipping Costs		$24.43
107011	07/02/2026			ALEJANDRINA CASTRO	$612.00
	Invoice	Date	Description		Amount
	AC062426	06/24/2026	Refunds - Rec		$612.00
107012	07/02/2026			Fauthier, Karen	$70.95
	Invoice	Date	Description		Amount
	KG061726	06/17/2026	Citation # 508126486		$70.95
107013	07/02/2026			Martinez, Hernan	$70.95
	Invoice	Date	Description		Amount
	HM061826	06/18/2026	Citation # 508126787		$70.95
Type Check Totals:					$208,633.43
SCCB - SCCB Payroll Check					
7343	07/02/2026			AFLAC	$1,336.04
	Invoice	Date	Description		Amount
	270739	06/26/2026	June supplemental insurance		$1,336.04
		1001 - Payroll Payables			

City Checks Issued July 3, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
7344	07/02/2026			BENEFIT COORDINATORS CORP.	$6,173.20
	Invoice	Date	Description	Amount	
	B0N44W	06/01/2026	June vision & dental insurance	$6,173.20	
		1001 - Payroll Payables			
7345	07/02/2026			CAPITOLA PEACE OFFICERS ASSOCIATION	$1,270.50
	Invoice	Date	Description	Amount	
	POA062626	06/26/2026	POA & gym dues PPE 6/20/26	$1,270.50	
		1001 - Payroll Payables			
7346	07/02/2026			LIUNA PENSION FUND	$1,321.60
	Invoice	Date	Description	Amount	
	GF5956	06/26/2026	LIUNA pension dues - June	$1,321.60	
		1001 - Payroll Payables			
7347	07/02/2026			UNITED WAY OF SANTA CRUZ COUNTY	$20.00
	Invoice	Date	Description	Amount	
	UW062626	06/26/2026	June United Way contributions	$20.00	
		1001 - Payroll Payables			
7348	07/02/2026			US BANK PARS Acct 6746022400	$6,344.21
	Invoice	Date	Description	Amount	
	PARS062626	06/26/2026	PARS contributions PPE 6/20/26	$6,344.21	
		1001 - Payroll Payables			
Type Check Totals:					$16,465.55
EFT					
4302	06/25/2026		07/06/2026	WEX HEALTH INC.	$135.00
	Invoice	Date	Description	Amount	
	0002379831-IN	05/31/2026	May COBRA and FSA admin.	$135.00	
4462	06/29/2026		07/06/2026	EMPLOYMENT DEVELOPMENT DEPARTMENT	$14,712.12
	Invoice	Date	Description	Amount	
	2-085-057-360	06/26/2026	State tax PPE 6/20/26	$14,712.12	
		1001 - Payroll Payables			

City of Capitola

City Checks Issued July 3, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name		Transaction Amount
4463	06/29/2026		07/06/2026	INTERNAL REVENUE SERVICE		$46,001.24
	Invoice	Date	Description		Amount	
	83990420	06/26/2026	Federal taxes & Medicare PPE 6/20/26		$46,001.24	
		1001 - Payroll Payables				
4464	06/29/2026		07/06/2026	STATE DISBURSEMENT UNIT		$1,197.67
	Invoice	Date	Description		Amount	
	57046669	06/26/2026	Employee garnishments PPE 6/20/26		$1,197.67	
		1001 - Payroll Payables				
4465	06/29/2026		07/06/2026	VOYA FINANCIAL		$12,203.53
	Invoice	Date	Description		Amount	
	VOYA062626	06/26/2026	Employee 457 contributions PPE 6/20/26		$12,203.53	
		1001 - Payroll Payables				
4466	07/02/2026			CalPERS Health Insurance		$103,199.09
	Invoice	Date	Description		Amount	
	103323585	06/15/2026	July health insurance		$103,199.09	
		1000 - General Fund			$4,473.09	
		1001 - Payroll Payables			$98,726.00	
4467	07/02/2026			CalPERS Member Services Division		$70,367.42
	Invoice	Date	Description		Amount	
	1003323539-42	06/26/2026	PERS contributions PPE 6/20/26		$70,367.42	
		1000 - General Fund			$0.02	
		1001 - Payroll Payables			$70,367.40	
Type EFT Totals:						$247,816.07

Checks	**79**	**$208,633.43**
EFTs	**0**	**$0.00**
All	**79**	**$208,633.43**
Payroll Totals		
Checks	**6**	**$16,465.55**
EFTs	**158**	**$531,702.01**
All	**164**	**$548,167.56**
Grand Totals:		
Checks	**85**	**$225,098.98**
EFTs	**158**	**$531,702.01**
All	**243**	**$756,800.99**

Cash Position – City of Capitola

July 17, 2026

City main account checks dated July 17, 2026, numbered 107014 to 107136 totaling $1,405,802.75, 1 EFT totaling $437.77, 7 payroll checks totaling $27,347.79 and 155 payroll EFTs totaling $723,153.54 for a grand total of $2,156,741.85, have been reviewed and authorized for distribution by the City Manager.

As of July 17, 2026, the unaudited cash balance is $7,057,630.

Jamie Goldstein — Date 7/31/26
City Manager

Jim Malberg — Date 7/31/26
Administrative Services Director

CASH BALANCE July 17, 2026

Fund	Description	Ending Balance
1000	General Fund	$ (3,213,199)
1001	Payroll Payables	59,099
Total General Funds		**$ (3,154,101)**
1010	Contingency Reserve	$ 2,319,346
1015	PERS Contingency Fund	1,690,919
1020	Emergency Reserve	1,592,776
1025	Facilities Reserve Fund	282,714
Total Reserve Funds		**$ 5,885,754**
1200	Capital Improvement Fund	**$ (1,357,470)**
2210	ISF - Stores Fund	$ 48,774
2211	ISF - Information Technology	577,221
2212	ISF - Equipment Replacement	309,395
2213	ISF - Self-Insurance Liability	(391,220)
2214	ISF - Workers Compensation	19,363
2216	ISF - Compensated Absences	(375,360)
Total Internal Service Funds		**$ 188,172**
TOTAL AVAILABLE GENERAL FUNDS		**$ 1,562,355**
1300	SLESF - Supl Law Enfc	$ 98,264
1305	Restricted TOT	67,685
1308	SB1 Road Maint. & Rehab.	139,722
1309	RTC Streets	175,813
1310	Gas Tax	203,807
1311	Wharf	(910)
1313	General Plan Update and Maint	247,710
1314	Green Building Education	289,285
1315	Public Art Fee Fund	132,430
1316	Parking Reserve Fund	737
1317	Technology Fee Fund	103,137
1320	PEG - Public Education and Govt	71,300
1321	BIA - Capitola Village-Wharf BIA	(6,124)
1350	CDBG Grants	554,398
1351	CDBG Program Income	9,875
1360	Library Fund	54,616
1370	HOME Reuse	1,153,550
1372	Housing Trust	324,145
1373	Permanent Local Housing Allocatic	18,057
5552	Cap Hsg Succ- Program Income	1,857,781
Total Special Revenue Funds		**$ 5,495,275**
TOTAL CITY CASH BALANCE		**$ 7,057,630**

(1) July 17th balance does not include $1,000,125 held in the OPEB Trust.

City of Capitola

City Checks Issued July 17, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name		Transaction Amount
107014	07/16/2026			TWELVE STONES		$250.00
	Invoice	Date	Description		Amount	
	TS052026	05/20/2026	Sip & Stroll Stipend		$250.00	
		1321 - BIA - Capitola Village-Wharf BIA				
107015	07/17/2026			A TOOL SHED		$1,174.96
	Invoice	Date	Description		Amount	
	1797887-5	07/06/2026	Towable LED light tower rental		$1,174.96	
107016	07/17/2026			AAA WORKSPACE		$1,203.11
	Invoice	Date	Description		Amount	
	2506790-0	07/02/2026	Paper		$97.89	
	2507473-0	07/10/2026	Bathroom supplies		$941.37	
	2506832-0	07/06/2026	Printing Paper		$163.85	
		1000 - General Fund		$1,105.22		
		2210 - ISF - Stores Fund		$97.89		
107017	07/17/2026			ACE PORTABLE SERVICES		$746.77
	Invoice	Date	Description		Amount	
	I62593	07/01/2026	Jade St. Portable Toilets		$746.77	
107018	07/17/2026			ACTION AUTO GLASS		$517.83
	Invoice	Date	Description		Amount	
	I032472	07/06/2026	Back window		$517.83	
107019	07/17/2026			ADRIENNE HARRELL		$153.55
	Invoice	Date	Description		Amount	
	AH070626	07/06/2026	Instructor Payment		$153.55	
107020	07/17/2026			ADT SECURITY SERVICES INC.		$312.06
	Invoice	Date	Description		Amount	
	ADT062926	06/29/2026	Corp. yard & museum ADT monitoring		$312.06	
107021	07/17/2026			AGILE OCCUPATIONAL MEDICINE, PC		$1,380.00
	Invoice	Date	Description		Amount	
	EM083312	07/06/2026	New employee testing & exams		$1,380.00	

City of Capitola

City Checks Issued July 17, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name		Transaction Amount
107022	07/17/2026			AMAZON CAPITAL SERVICES		$2,016.71
	Invoice	Date	Description		Amount	
	1LJQ-PDHW-6L6H	06/30/2026	Party supplies		$76.19	
	14LR-WMF4-GRGP	07/06/2026	Party supplies		$87.19	
	16LP-XQNV-GVNK	07/02/2026	Wall clock and cake toppers		$141.95	
	11CC-YGTJ-X14T	07/02/2026	Drain cleaner		$39.79	
	1XJQ-X7K7-6RRP	07/06/2026	Wall calendar		$8.28	
	1M34-1YW9-WJGD	07/06/2026	Ground Coffee		$14.56	
	1YPN-FMHF-WCWT	07/06/2026	Brush set		$8.73	
	16NK-J71R-W7RR	07/06/2026	3 Ring Binders		$52.86	
	1G91-4HXW-6WNJ	07/08/2026	Door closer, filter		$342.69	
	1LMV-HTFF-FPHN	07/09/2026	Outdoor folding chairs		$216.30	
	1YH7-YKJW-N1LG	07/07/2026	Rubber bands		$6.87	
	17GL-R79J-DP3N	07/12/2026	Junior lifeguard supplies		$712.26	
	1GD7-MMV9-4N66	07/13/2026	3 Ring binders		$9.96	
	1GN1-KPHM-FKPP	07/09/2026	Keyboard		$69.91	
	1PFV-YGTG-KNF7	07/07/2026	Locking System Kit		$114.72	
	1QHP-7MKG-LD13	07/06/2026	Water Filter, Shredder Oil and Paper Towels		$114.45	
		1000 - General Fund		$1,953.89		
		2210 - ISF - Stores Fund		$62.82		
107023	07/17/2026			ARROWHEAD FORENSICS		$137.07
	Invoice	Date	Description		Amount	
	194493	07/06/2026	Property and Evidence Supplies		$137.07	
107024	07/17/2026			AT&T		$8.79
	Invoice	Date	Description		Amount	
	ATT070126	07/01/2026	July long distance charges		$8.79	
		1000 - General Fund		$4.33		
		2211 - ISF - Information Technology		$4.46		
107025	07/17/2026			AT&T/CALNET 3		$291.24
	Invoice	Date	Description		Amount	
	0025542181	07/13/2026	July telephone service		$291.24	
		1000 - General Fund		$222.90		
		2211 - ISF - Information Technology		$68.34		
107026	07/17/2026			AT&T/CALNET 3		$1,768.38
	Invoice	Date	Description		Amount	
	0025542849	07/13/2026	July T-1 access		$1,768.38	

City of Capitola

City Checks Issued July 17, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
107027	07/17/2026			B & B SMALL ENGINE REPAIR	$528.08
	Invoice	Date	Description	Amount	
	108179	07/01/2026	Coil assembly	$357.30	
	108981	07/08/2026	Mowing head autocut	$170.78	
107028	07/17/2026			BEAR ELECTRICAL SOLUTIONS, LLC	$1,868.38
	Invoice	Date	Description	Amount	
	12071	06/30/2026	June traffic signal maintenance services - respons	$1,221.58	
	12042	06/30/2026	June traffic signal maintenance services - routine	$646.80	
		1310 - Gas Tax			
107029	07/17/2026			BELLOWS PLUMBING HEATING & AIR	$1,501.00
	Invoice	Date	Description	Amount	
	311964	07/01/2026	Plumbing services	$1,501.00	
107030	07/17/2026			BIOBAG AMERICAS INC.	$1,261.85
	Invoice	Date	Description	Amount	
	INV518318	07/02/2026	Dog waste bags	$1,261.85	
107031	07/17/2026			BLUE STRIKE ENVIRONMENTAL INC.	$9,036.50
	Invoice	Date	Description	Amount	
	CAP-CAP-070226	06/30/2026	Climate Action Plan Update Services thru 6.30.26	$9,036.50	
		1314 - Green Building Education			
107032	07/17/2026			BOONE LOW RATLIFF ARCHITECTS INC	$1,139.45
	Invoice	Date	Description	Amount	
	4523	06/24/2026	Construction Observation Phase	$1,139.45	
		1200 - Capital Improvement Fund			
107033	07/17/2026			BRASS KEY LOCKSMITH	$301.80
	Invoice	Date	Description	Amount	
	2367	06/08/2026	Locksmith services	$301.80	
107034	07/17/2026			BRINKS AWARDS & SIGNS	$1,284.07
	Invoice	Date	Description	Amount	
	91467	07/02/2026	Plaques	$1,284.07	
107035	07/17/2026			BROPRINTS INC.	$2,997.33
	Invoice	Date	Description	Amount	
	22838	06/29/2026	Clothing prints	$2,997.33	

City of Capitola

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Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
107036	07/17/2026			BUSY BEES CAFE & CATERING	$1,152.88
	Invoice	Date	Description	Amount	
	BusyBee070826	07/08/2026	Food for retirement party	$1,152.88	
107037	07/17/2026			CA DEPARTMENT OF JUSTICE	$49.00
	Invoice	Date	Description	Amount	
	057841	06/30/2026	June Fingerprinting	$49.00	
107038	07/17/2026			CALIFORNIA COAST UNIFORM COMPANY	$208.17
	Invoice	Date	Description	Amount	
	130123	07/07/2026	Posse Box	$93.90	
	130125	07/07/2026	Tailoring Charges	$43.31	
	130169	07/08/2026	Uniform Pants	$70.96	
107039	07/17/2026			CENTRAL FIRE DISTRICT OF SANTA CRUZ COUNT	$1,736.56
	Invoice	Date	Description	Amount	
	12279	04/07/2026	Evidence DriveSavers Data Recovery	$1,736.56	
107040	07/17/2026			CINTAS CORPORATION	$8.77
	Invoice	Date	Description	Amount	
	5344941013	06/30/2026	Corp yard first aid supplies	$8.77	
107041	07/17/2026			COAST PAPER & SUPPLY INC.	$101.98
	Invoice	Date	Description	Amount	
	733108	07/08/2026	Bags	$101.98	
		2210 - ISF - Stores Fund			
107042	07/17/2026			CODE PUBLISHING COMPANY	$1,987.50
	Invoice	Date	Description	Amount	
	GCI0020058	06/30/2026	Municipal code web update	$1,987.50	
107043	07/17/2026			COMPLETE MAILING SERVICE INC.	$695.05
	Invoice	Date	Description	Amount	
	9866	06/30/2026	Mailing services	$695.05	
107044	07/17/2026			COMPLETE PAPERLESS SOLUTIONS LLC	$17,035.00
	Invoice	Date	Description	Amount	
	4919	07/13/2026	Laserfiche Cloud services subscription - 1 Year	$17,035.00	

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Check Number	Invoice Number	Invoice Date	Description	Payee Name		Transaction Amount
107045	07/17/2026			CORODATA RECORDS MANAGEMENT, INC.		$187.66
	Invoice	Date	Description		Amount	
	RS3800284	06/30/2026	June Records Management		$187.66	
107046	07/17/2026			CORODATA SHREDDING INC.		$70.36
	Invoice	Date	Description		Amount	
	DN1585299	06/30/2026	June Records Shredding		$70.36	
107047	07/17/2026			CROSSROADS SOFTWARE INC		$6,227.70
	Invoice	Date	Description		Amount	
	7893	02/12/2026	Handheld Hardware		$6,227.70	
		1300 - SLESF - Supl Law Enfc				
107048	07/17/2026			CUMMING MANAGEMENT GROUP, INC.		$15,675.00
	Invoice	Date	Description		Amount	
	194449	06/30/2026	CDBG Funded Construction Management Service		$15,675.00	
		1200 - Capital Improvement Fund				
107049	07/17/2026			CWS CONSTRUCTION GROUP INC.		$146,113.94
	Invoice	Date	Description		Amount	
	CWS#5	05/31/2026	Jade Street Park Restroom Remodel Services thru		$129,453.04	
	CWS#6	1200 - Capital Improvement Fund			$16,660.90	
107050	07/17/2026			D & G SANITATION		$4,164.48
	Invoice	Date	Description		Amount	
	320843	06/30/2026	Skate park hand wash station, portable toilets		$504.93	
	320844	06/30/2026	Jade st. park hand wash station rental		$995.83	
	320845	06/30/2026	Wharf portable toilets		$2,140.93	
	320846	06/30/2026	Lower parking lot portable toilet rental		$522.79	
		1000 - General Fund		$2,023.55		
		1311 - Wharf		$2,140.93		
107051	07/17/2026			DAVID SCOTT COBABE		$970.45
	Invoice	Date	Description		Amount	
	DSC070626	07/06/2026	Instructor Payment		$970.45	
107052	07/17/2026			DEBORAH OSTERBERG		$196.65
	Invoice	Date	Description		Amount	
	DO063026	06/30/2026	Museum supplies reimbursement		$196.65	

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Check Number	Invoice Number	Invoice Date	Description	Payee Name		Transaction Amount
107053	07/17/2026			DEPARTMENT OF INDUSTRIAL RELATIONS		$225.00
	Invoice	Date	Description		Amount	
	E2286569SJ	05/21/2026	Conveyance Inspection Invoice		$225.00	
107054	07/17/2026			DIESEL DIRECT WEST LLC		$7,986.97
	Invoice	Date	Description		Amount	
	87375976	06/24/2026	160 gallons diesel		$811.95	
	87373552	07/01/2026	245 gallons gasoline		$1,162.31	
	87363961	06/03/2026	610 gallons gasoline		$95.95	
	87363960	06/03/2026	250 gallons diesel		$95.95	
	87364022	06/17/2026	560 gallons gasoline		$95.95	
	87382324	07/08/2026	793 gallons gasoline		$3,627.97	
	87389241	06/11/2026	150 gallons diesel		$840.70	
	87389321	07/08/2026	248 gallons diesel		$1,256.19	
107055	07/17/2026			Division of the State Architect		$48.00
	Invoice	Date	Description		Amount	
	DSA063026	06/30/2026	April - June disability education & access fees		$48.00	
107056	07/17/2026			ENVIRONMENTAL INNOVATIONS INC.		$3,080.00
	Invoice	Date	Description		Amount	
	3676	07/06/2026	CalRecycle June outreach		$3,080.00	
107057	07/17/2026			EVERBRIDGE INC.		$4,031.42
	Invoice	Date	Description		Amount	
	MHQ30353	06/13/2026	FY26/27 Nixle Engage Renewal		$4,031.42	
107058	07/17/2026			EWING IRRIGATION		$2,240.51
	Invoice	Date	Description		Amount	
	30842983	06/23/2026	PVC pipe		$9.75	
	30841444	06/23/2026	PVC pipes, pipe thread sealant		$59.56	
	30838492	06/23/2026	PVC pipes, primer, glue, ratchet cutter		$521.48	
	30860826	06/24/2026	Anti-siphon valve, solenoid assembly, check valvle		$84.51	
	30743417	06/16/2026	Anti-siphon valve, screwdrivers		$90.55	
	30344595	05/19/2026	Safety hats, shovels, rakes		$685.11	
	31105271	07/13/2026	Trash gator handle, trash can, hose, rainbird key		$756.58	
	31141966	07/15/2026	Marking chalk		$32.97	
		1000 - General Fund		$1,649.72		
		1311 - Wharf		$590.79		

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Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
107059	07/17/2026			EXTREME TOWING	$390.50
	Invoice	Date	Description	Amount	
	012667	06/27/2026	Towing	$390.50	
107060	07/17/2026			FEHR & PEERS	$10,657.38
	Invoice	Date	Description	Amount	
	196353	06/10/2026	Capitola Active Transportation Plan Services thru 5	$10,657.38	
		1200 - Capital Improvement Fund			
107061	07/17/2026			FIRST ALARM	$293.31
	Invoice	Date	Description	Amount	
	963462	06/15/2026	Evidence Building Monitoring Service for 7/1/26 - 9	$293.31	
107062	07/17/2026			GEORGE McMENAMIN	$3,277.82
	Invoice	Date	Description	Amount	
	GM063026	06/30/2026	Riparian restoration services FY2025-2026	$3,277.82	
107063	07/17/2026			GINA ENRIQUEZ	$5,250.70
	Invoice	Date	Description	Amount	
	GE070626	07/06/2026	Instructor Payment	$5,250.70	
107064	07/17/2026			GRAINGER	$57.11
	Invoice	Date	Description	Amount	
	9980412812	07/09/2026	Floor cleaner	$57.11	
		1311 - Wharf			
107065	07/17/2026			GRANITE ROCK COMPANY	$116,447.20
	Invoice	Date	Description	Amount	
	1019632	06/20/2026	41st Ave Multimodal Improvements Project Service	$116,447.20	
		1200 - Capital Improvement Fund			
107066	07/17/2026			HD SUPPLY FORMERLY HOME DEPOT PRO	$4,014.68
	Invoice	Date	Description	Amount	
	1806018533	04/23/2026	Remaining balance due	$56.91	
	1806022392	04/02/2026	Payment discrepancy due	$461.68	
	9251349098	07/10/2026	Cleaning supplies	$882.54	
	9249812408	06/02/2026	Cleaning supplies	$809.87	
	9250456826	06/17/2026	Cleaning supplies	$1,004.78	
	9250933146	06/30/2026	Cleaning supplies	$798.90	

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Check Number	Invoice Number	Invoice Date	Description	Payee Name		Transaction Amount
107067	07/17/2026			HEALTH EDUCATION SERVICES		$945.00
	Invoice	Date	Description		Amount	
	QUO2320	07/14/2026	AED Total Solutions Database Management Progr		$945.00	
107068	07/17/2026			Hi-Line Inc.		$132.13
	Invoice	Date	Description		Amount	
	3327506	07/13/2026	Sheet metal, connector seal, cable ties		$132.13	
107069	07/17/2026			HOME DEPOT CREDIT SERVICES		$692.09
	Invoice	Date	Description		Amount	
	0513469	06/15/2026	Fuel filters, cleaning cloths		$175.36	
	9522859	06/26/2026	Lumber		$9.57	
	6624547	07/09/2026	Misc trowels, mason brush, level, mortar tub, spon		$311.34	
	5622480	06/30/2026	Power spin drain gun, bucket		$64.45	
	8520081	07/07/2026	Duct tape, adapters		$38.25	
	7282228	07/08/2026	Mulch, fertilizer		$40.44	
	8512109	07/07/2026	Paracord, gloves		$52.68	
		1000 - General Fund		$653.84		
		1311 - Wharf		$38.25		
107070	07/17/2026			HOPE REHABILITATION SERVICES		$4,260.00
	Invoice	Date	Description		Amount	
	S180273	06/30/2026	Litter Abatement Services thru 6.30.26		$4,260.00	
107071	07/17/2026			INTERSTATE TRAFFIC CONTROL PRODUCTS		$609.50
	Invoice	Date	Description		Amount	
	276996	06/30/2026	Signs		$609.50	
107072	07/17/2026			JEANI MITCHELL		$403.00
	Invoice	Date	Description		Amount	
	JM070626	07/06/2026	Instructor Payment		$403.00	
107073	07/17/2026			JULIA GAUTHO		$46.77
	Invoice	Date	Description		Amount	
	JG043026	04/30/2026	Notary Training Travel Reimbursement		$46.77	
107074	07/17/2026			KARIN ANDERSON		$700.00
	Invoice	Date	Description		Amount	
	27	07/01/2026	BIA Ambassador		$700.00	
		1321 - BIA - Capitola Village-Wharf BIA				

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Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
107075	07/17/2026			KBA Document Solutions LLC	$42.59
	Invoice	Date	Description	Amount	
	55Y1612009	07/06/2026	City Hall copier usage charges	$12.59	
	55Y1611402	06/29/2026	WT-8500	$15.00	
	55Y1613462	07/10/2026	Toner	$15.00	
		2210 - ISF - Stores Fund		$30.00	
		2211 - ISF - Information Technology		$12.59	
107076	07/17/2026			KIMLEY HORN AND ASSOCIATES INC	$68,343.86
	Invoice	Date	Description	Amount	
	36159036	06/15/2026	Bay Ave Corridor Project Services thru 6.15.26	$35,700.00	
	36064010	05/31/2026	41st Ave Multimodal Corridor Improvements Servi	$6,340.00	
	33523253	09/30/2025	Bay Ave Roundabout Public Outreach Services thr	$4,125.00	
	35211943	02/28/2026	Capitola Local Roadway Safety Plan Services thru	$22,178.86	
		1000 - General Fund		$26,700.00	
		1200 - Capital Improvement Fund		$10,465.00	
		1310 - Gas Tax		$31,178.86	
107077	07/17/2026			KING'S PAINT AND PAPER INC.	$215.86
	Invoice	Date	Description	Amount	
	WP54W	06/29/2026	Brushes, absorbant, tape, microfiber kit, 2.5 in Oxl	$92.11	
	3WHK5	06/29/2026	Primer, sandpaper	$54.22	
	4FUPA	07/01/2026	Clear finish	$42.92	
	SV3US	07/14/2026	Paint	$26.61	
107078	07/17/2026			LABORMAX STAFFING	$4,761.46
	Invoice	Date	Description	Amount	
	26-508139	07/03/2026	Public works seasonal labor 6/29 - 7/3/26	$2,275.70	
	26-509106	07/10/2026	Public works seasonal labor 7/6 - 7/10/26	$2,485.76	
107079	07/17/2026			LOST COAST MEDIA LLC	$2,500.00
	Invoice	Date	Description	Amount	
	660	06/23/2026	BIA Video Production Advertisment	$2,500.00	
		1321 - BIA - Capitola Village-Wharf BIA			
107080	07/17/2026			MBASIA	$589,539.33
	Invoice	Date	Description	Amount	
	260701-1	07/01/2026	FY26/27 Insurance Premiums	$589,539.33	
		2213 - ISF - Self-Insurance Liability		$489,539.33	
		2214 - ISF - Workers Compensation		$100,000.00	

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Check Number	Invoice Number	Invoice Date	Description	Payee Name		Transaction Amount
107081	07/17/2026			MBS BUSINESS SYSTEMS		$1,053.27
	Invoice	Date	Description		Amount	
	515860	06/25/2026	PD copier usage charges		$1,053.27	
107082	07/17/2026			MICHELE FAIA		$546.00
	Invoice	Date	Description		Amount	
	MF071326	07/13/2026	Instructor Payment		$546.00	
107083	07/17/2026			MID COUNTY AUTO SUPPLY		$148.91
	Invoice	Date	Description		Amount	
	M-3416675	07/06/2026	Wiper blades, hose standards, utility jug, lube filter		$105.00	
	M-3417563	07/07/2026	Auto battery		$157.34	
	M-3418947	07/08/2026	Auto battery credit return		($155.34)	
	M-3425264	07/14/2026	Transmission fluid		$41.91	
107084	07/17/2026			MISSION LINEN SUPPLY		$394.53
	Invoice	Date	Description		Amount	
	526332490	07/06/2026	Linen Maintenance		$84.60	
	526300687	07/01/2026	Corp. Yard linen service		$94.78	
	526360248	07/08/2026	Fleet towels, uniform cleaning		$84.31	
	526360249	07/08/2026	Corp. Yard linen service		$130.84	
107085	07/17/2026			MISSION PRINTERS		$567.67
	Invoice	Date	Description		Amount	
	68824	07/10/2026	Business cards		$158.57	
	68767	07/10/2026	Windowed envelopes		$409.10	
		1000 - General Fund		$158.57		
		2210 - ISF - Stores Fund		$409.10		
107086	07/17/2026			MRA SALES INC		$1,250.00
	Invoice	Date	Description		Amount	
	2601	07/09/2026	Group surf lesson		$1,250.00	
107087	07/17/2026			NICHOLE BRYANT		$133.08
	Invoice	Date	Description		Amount	
	NB052726	05/27/2026	Afterschool snacks reimbursement		$133.08	
107088	07/17/2026			NORTH BAY FORD		$1,824.40
	Invoice	Date	Description		Amount	
	299023	06/05/2026	Seat cushions		$1,824.40	

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Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
107089	07/17/2026			O'REILLY AUTO PARTS	$973.98
	Invoice	Date	Description		Amount
	2763-215858	07/10/2026	Battery		$157.07
	2763-213498	06/29/2026	Brake parts, window handle		$52.49
	2763-213520	06/29/2026	Ford auto part		$16.53
	2763-213737	06/30/2026	Keyless entry, grease, gloves		$120.54
	2763-213932	07/01/2026	Lift support		$72.37
	2763-215039	07/06/2026	MAF sensor		$80.33
	2763-215070	07/06/2026	Oil filter		$17.34
	2763-214087	07/01/2026	Battery, core charge		$207.38
	2763-215226	07/07/2026	Spark plugs		$107.41
	2763-215473	07/08/2026	Ultima starter		$142.52
107090	07/17/2026			OPPOSITE OF EAST	$4,066.36
	Invoice	Date	Description		Amount
	41215-000530	07/07/2026	BIA Food & Drink + Parking		$766.36
	000525-028	07/10/2026	BIA Communications Manager Services		$3,300.00
		1321 - BIA - Capitola Village-Wharf BIA			
107091	07/17/2026			OUTDOOR SUPPLY HARDWARE	$446.11
	Invoice	Date	Description		Amount
	1134	06/30/2026	storage bin, bags, hose		$50.21
	1144	07/03/2026	Multi-tool		$131.05
	1142	07/02/2026	Socket set		$54.61
	1125	06/24/2026	Hedge shear		$20.75
	1110	06/16/2026	Drive socket, socket set		$45.86
	1124	06/24/2026	Markers		$45.83
	1133	06/30/2026	Pool vacuum hose		$13.08
	1141	07/02/2026	Fender washers		$11.57
	1152	07/09/2026	Tape measure, pruning shears		$41.49
	1132	06/30/2026	Door knob, padlock		$31.66
107092	07/17/2026			PACIFIC GAS & ELECTRIC	$3,116.20
	Invoice	Date	Description		Amount
	PGE071026-acct9	07/10/2026	July Pacific Cove parking lot utilities		$2,994.77
	PGE071326-acct9	07/13/2026	July Rispin Park Utilities		$121.43
107093	07/17/2026			PET PALS DISCOUNT PET SUPPLIES	$23.53
	Invoice	Date	Description		Amount
	POS1-74312	06/20/2026	K-9 Food		$23.53

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Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
107094	07/17/2026			PETERSON CATERPILLAR	$1,080.53
	Invoice	Date	Description	Amount	
	PC080223139	06/25/2026	End edge, bolts, nuts, cutting edge	$1,080.53	
107095	07/17/2026			PHIL ALLEGRI ELECTRIC INC.	$2,444.65
	Invoice	Date	Description	Amount	
	37822	07/08/2026	Electrical work at Capitola Rd	$2,444.65	
107096	07/17/2026			ROBERT M PATTERSON	$250.00
	Invoice	Date	Description	Amount	
	RP070826	07/08/2026	Administrative Reviews Billing Statement 7/8/2026	$250.00	
107097	07/17/2026			ROBIN H EVEREST	$86.45
	Invoice	Date	Description	Amount	
	RHE070626	07/06/2026	Instructor Payment	$86.45	
107098	07/17/2026			SAN LORENZO LUMBER	$588.01
	Invoice	Date	Description	Amount	
	55-1041841	07/06/2026	Signs, anchors	$73.03	
	55-1042589	07/09/2026	Sunglasses (3), gloves, mortar mix	$136.91	
	56-0155163	07/09/2026	Plants, planting mix	$333.63	
	63-0899143	07/09/2026	Cutting wheel	$44.44	
107099	07/17/2026			SANTA CRUZ AUTO PARTS INC.	$224.92
	Invoice	Date	Description	Amount	
	545472	07/07/2026	Battery	$159.99	
	545152	06/30/2026	Gloves, gasket maker	$64.93	
107100	07/17/2026			SANTA CRUZ COUNTY SHERIFF-CORONER	$5,979.12
	Invoice	Date	Description	Amount	
	0526 CPD	06/08/2026	May 2026 Jail Access Fees	$3,416.64	
	0626 CPD	07/06/2026	June 2026 Jail Access Fees	$2,562.48	
107101	07/17/2026			SANTA CRUZ FIRE EQUIPMENT CO.	$624.93
	Invoice	Date	Description	Amount	
	116799	07/10/2026	Fire extinguisher service	$624.93	
107102	07/17/2026			SANTA CRUZ LIVE SCAN INC.	$60.00
	Invoice	Date	Description	Amount	
	451	07/01/2026	New hire live scans	$30.00	
	470	07/01/2026	June 2026 PD Fingerprinting	$30.00	

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Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
107103	07/17/2026			SANTA CRUZ MUNICIPAL UTILITIES	$522.04
	Invoice	Date	Description	Amount	
	SCMU070826	07/08/2026	June water service for medians	$522.04	
107104	07/17/2026			SANTA CRUZ REGIONAL 911	$240,443.88
	Invoice	Date	Description	Amount	
	SCR061526	06/15/2026	FY26/27 First Quarter Operating Contribution	$240,443.88	
107105	07/17/2026			SANTA CRUZ SENTINEL	$2,091.50
	Invoice	Date	Description	Amount	
	0001477574	06/30/2026	June legal notices	$2,091.50	
107106	07/17/2026			SENTINEL PRINTERS INC.	$1,410.29
	Invoice	Date	Description	Amount	
	311	07/08/2026	No parking signs	$1,410.29	
107107	07/17/2026			SKILLSIGNAL INC.	$3,168.00
	Invoice	Date	Description	Amount	
	INV3877	07/02/2026	Safety management software	$3,168.00	
		2211 - ISF - Information Technology			
107108	07/17/2026			SOQUEL CREEK ANIMAL HOSPITAL	$840.33
	Invoice	Date	Description	Amount	
	86166	07/06/2026	K-9 Exam and Vaccines	$840.33	
107109	07/17/2026			SOQUEL CREEK WATER DISTRICT	$11,379.38
	Invoice	Date	Description	Amount	
	06-14476-0061626	06/16/2026	06-14476-00 430 Kennedy Drive water service	$185.87	
	08-15299-0061626	06/16/2026	08-15299-00 Monterey Ave. water	$100.92	
	08-15562-0061626	06/16/2026	08-15562-00 Cliff and Fairview water service	$100.92	
	09-15964-0061626	06/16/2026	09-15964-00 Monterey Ave. Esplanade water	$3,175.77	
	10-16317-0061626	06/16/2026	10-16317-00 420 Capitola Ave. water	$453.39	
	10-16315-0061626	06/16/2026	10-16315-00 504 Beulah Dr. water	$117.31	
	10-16316-0061626	06/16/2026	10-16316-00 426 Capitola Ave. water	$235.27	
	42-15969-0070226	07/02/2026	42-15969-00 Lawn Way irrigation	$852.42	
	42-11467-0070226	07/02/2026	42-11467-00 Jade Street park irrigation	$670.26	
	42-14431-0070226	07/02/2026	42-14431-00 Monterey Ave irrigation	$5,487.25	

City of Capitola

City Checks Issued July 17, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name		Transaction Amount
107110	07/17/2026			SPECTRUM BUSINESS		$2,984.81
	Invoice	Date	Description		Amount	
	257413201070126	07/01/2026	July internet service		$1,679.15	
	170005701062126	06/21/2026	June internet service		$1,305.66	
		1000 - General Fund		$1,543.64		
		2211 - ISF - Information Technology		$1,441.17		
107111	07/17/2026			SPORTS DESIGN, INC.		$43.80
	Invoice	Date	Description		Amount	
	29497	05/01/2026	Never Forget Relay Team Shirts		$43.80	
107112	07/17/2026			STAPLES ADVANTAGE		$197.55
	Invoice	Date	Description		Amount	
	6068076391	07/03/2026	Pens and Utensils		$197.55	
107113	07/17/2026			THE ED. JONES COMPANY		$1,234.77
	Invoice	Date	Description		Amount	
	61123	07/08/2026	MSO Badges		$1,234.77	
107114	07/17/2026			TIMECLOCK PLUS, LLC		$1,180.00
	Invoice	Date	Description		Amount	
	00478235	04/28/2026	Humanity Schedule Implementation Services		$1,180.00	
107115	07/17/2026			TPX COMMUNICATIONS		$2,115.85
	Invoice	Date	Description		Amount	
	191032609-0	06/23/2026	June phone service		$2,115.85	
		1000 - General Fund		$1,119.85		
		2211 - ISF - Information Technology		$996.00		
107116	07/17/2026			TRANSPORTATION ALLIANCE BANK INC.		$1,855.95
	Invoice	Date	Description		Amount	
	695452	07/09/2026	GB set (4), filaments		$1,855.95	
		1310 - Gas Tax				
107117	07/17/2026			TYLER TECHNOLOGIES		$37,866.33
	Invoice	Date	Description		Amount	
	CI100-00296253	07/01/2026	Annual ERP application services		$37,866.33	
		2211 - ISF - Information Technology				
107118	07/17/2026			ULINE		$1,041.81
	Invoice	Date	Description		Amount	
	209504639	06/17/2026	Wire shelves		$1,041.81	

City of Capitola

City Checks Issued July 17, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name		Transaction Amount
107119	07/17/2026			UNISAFE INC		$623.70
	Invoice	Date	Description		Amount	
	727978	07/02/2026	Property and Evidence Supplies		$623.70	
107120	07/17/2026			UPS		$89.53
	Invoice	Date	Description		Amount	
	0000954791276-26	07/04/2026	Shipping Cost		$64.53	
	0000954791286-26	07/11/2026	Shipping Cost		$25.00	
107121	07/17/2026			US BANK EQUIPMENT FINANCE		$1,016.27
	Invoice	Date	Description		Amount	
	585865801	07/06/2026	City Hall Copier Lease		$456.24	
	585865405	07/04/2026	Recreation copier lease		$179.90	
	585865579	07/05/2026	PD copier lease		$205.33	
	585107618	06/24/2026	City Hall Copier Lease		$174.80	
		1000 - General Fund		$385.23		
		2210 - ISF - Stores Fund		$631.04		
107122	07/17/2026			VAGNINI, STEVEN		$800.00
	Invoice	Date	Description		Amount	
	06302026AJB	06/30/2026	Food Truck Friday Band		$800.00	
107123	07/17/2026			VERDE DESIGN INC		$2,797.56
	Invoice	Date	Description		Amount	
	12-2300302	06/26/2026	Jade St Park - universally accessible playground d		$2,797.56	
		1200 - Capital Improvement Fund				
107124	07/17/2026			WATSONVILLE FORD		$5,543.15
	Invoice	Date	Description		Amount	
	CM57765	06/29/2026	DA8Z Auto Part Credit Return		($5,057.73)	
	57765	06/15/2026	DA8Z Auto Part		$5,057.73	
	57766	06/10/2026	Auto Part for PD Detective Vehicle		$5,543.15	
107125	07/17/2026			WESTERN EXTERMINATOR COMPANY		$110.21
	Invoice	Date	Description		Amount	
	99689985	07/06/2026	Turnouts rodent control		$110.21	
107126	07/17/2026			ZEP SALES & SERVICE		$216.64
	Invoice	Date	Description		Amount	
	9013013211	07/09/2026	Zep write away - graffiti cleaner		$216.64	
107127	07/17/2026			Eiselstein, Laura		$65.00
	Invoice	Date	Description		Amount	
	LE070826	07/08/2026	Citation # 506126410		$65.00	

City of Capitola

City Checks Issued July 17, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
107128	07/17/2026			HAYES PIZZICA	$82.13
	Invoice	Date	Description	Amount	
	HP061326	06/13/2026	Lieutenant Pants Reimbursement	$82.13	
107129	07/17/2026			Hinman, Elijah	$65.00
	Invoice	Date	Description	Amount	
	EH070826	07/08/2026	Refunds - PD	$65.00	
107130	07/17/2026			JOSEPH HENDERSON	$1,500.00
	Invoice	Date	Description	Amount	
	JH071426	07/14/2026	Bandstand Deposit Refund	$1,500.00	
107131	07/17/2026			LEILA GINGER POMEROY	$237.00
	Invoice	Date	Description	Amount	
	LGP052826	05/28/2026	Encroachment Permit Refund	$237.00	
107132	07/17/2026			LISA HANEY	$87.00
	Invoice	Date	Description	Amount	
	LH071426	07/14/2026	Amplified Sound Permit Fee Refund	$87.00	
107133	07/17/2026			MADELINE WADSWORTH	$83.35
	Invoice	Date	Description	Amount	
	MW070226	07/02/2026	Lieutenant Pants Reimbursement	$83.35	
107134	07/17/2026			Salgado, Karina	$65.00
	Invoice	Date	Description	Amount	
	KS070826	07/08/2026	Citation # 511123929	$65.00	
107135	07/17/2026			Toofan, Keveh	$380.00
	Invoice	Date	Description	Amount	
	KT070826	07/08/2026	Citation # 506126009	$380.00	
107136	07/17/2026			Ziyu, Wang	$130.00
	Invoice	Date	Description	Amount	
	WZ070826	07/08/2026	Citation # 506126709	$130.00	
Type Check Totals:					$1,405,802.75
EFT					
48	07/14/2026			HUB INTERNATIONAL	$437.77
	Invoice	Date	Description	Amount	
	32679581	07/14/2026	Recreation Carnival Liability Insurance	$437.77	
Type EFT Totals:					$437.77

City of Capitola

City Checks Issued July 17, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
SCCB - SCCB Payroll					
Check					
7352	07/17/2026			CAPITOLA PEACE OFFICERS ASSOCIATION	$1,290.50
	Invoice	Date	Description	Amount	
	POA071026	07/10/2026	POA & gym dues PPE 7/4/26	$1,290.50	
		1001 - Payroll Payables			
7353	07/17/2026			EQUITABLE	$3,697.77
	Invoice	Date	Description	Amount	
	1902516	06/11/2026	July LTD, STD, AD&D, life insurance	$3,697.77	
		1001 - Payroll Payables			
7354	07/17/2026			UPEC LIUNA LOCAL 792	$735.00
	Invoice	Date	Description	Amount	
	9751	07/10/2026	UPEC dues July	$735.00	
		1001 - Payroll Payables			
7355	07/17/2026			US BANK PARS Acct 6746022400	$6,976.33
	Invoice	Date	Description	Amount	
	PARS071026	07/10/2026	PARS contributions PPE 7/4/26	$6,976.33	
		1001 - Payroll Payables			
Type Check Totals:					$12,699.60
EFT					
4614	07/10/2026			INTERNAL REVENUE SERVICE	$30.60
	Invoice	Date	Description	Amount	
	34680620	07/09/2026	Federal taxes & Medicare employee final check	$30.60	
		1001 - Payroll Payables			
4615	07/13/2026			CalPERS Member Services Division	$70,813.78
	Invoice	Date	Description	Amount	
	1003331387-90	07/10/2026	PERS contributions PPE 7/4/26	$70,813.78	
		1000 - General Fund		$0.02	
		1001 - Payroll Payables		$70,813.76	
4616	07/13/2026			EMPLOYMENT DEVELOPMENT DEPARTMENT	$15,690.35
	Invoice	Date	Description	Amount	
	0-948-480-848	07/10/2026	State tax PPE 7/4/26	$15,690.35	
		1001 - Payroll Payables			
4617	07/13/2026			INTERNAL REVENUE SERVICE	$49,112.72
	Invoice	Date	Description	Amount	
	04191409	07/10/2026	Federal taxes & Medicare PPE 7/4/26	$49,112.72	
		1001 - Payroll Payables			

City of Capitola

City Checks Issued July 17, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
4618	07/13/2026			STATE DISBURSEMENT UNIT	$1,197.67
	Invoice	Date	Description	Amount	
	57214486	07/10/2026	Employee garnishments PPE 7/4/26	$1,197.67	
		1001 - Payroll Payables			
4619	07/13/2026			VOYA FINANCIAL	$12,500.64
	Invoice	Date	Description	Amount	
	VOYA071026	07/10/2026	Employee 457 contributions PPE 7/4/26	$12,500.64	
		1001 - Payroll Payables			
4621	07/13/2026			CalPERS Fiscal Services Division	$272,611.67
	Invoice	Date	Description	Amount	
	1003331635-6	07/01/2026	PERS UAL payment	$272,611.67	
4622	07/16/2026			EMPLOYMENT DEVELOPMENT DEPARTMENT	$1,951.90
	Invoice	Date	Description	Amount	
	0-068-074-320	07/15/2026	State tax employee final check	$1,951.90	
		1001 - Payroll Payables			
4623	07/16/2026			INTERNAL REVENUE SERVICE	$4,549.49
	Invoice	Date	Description	Amount	
	82805026	07/15/2026	Federal taxes & Medicare employee final check	$4,549.49	
		1001 - Payroll Payables			
Type EFT Totals:					$428,458.82

Checks	**123**	**$1,405,802.75**
EFTs	**1**	**$437.77**
All	**124**	**$1,406,240.52**
Payroll Totals		
Checks	**7**	**$27,347.79**
EFTs	**155**	**$723,153.54**
All	**162**	**$750,501.33**
Grand Totals:		
Checks	**130**	**$1,433,150.54**
EFTs	**156**	**$723,591.31**
All	**286**	**$2,156,741.85**

Cash Position – City of Capitola

July 31, 2026

City main account checks dated July 31, 2026, numbered 107137 to 107228 totaling $469,070.00, 1 EFT totaling $11,888.49, 7 payroll checks totaling $29,106.30 and 154 payroll EFTs totaling $442,160.01 for a grand total of $952,224.80, have been reviewed and authorized for distribution by the City Manager.

As of July 31, 2026, the unaudited cash balance is $7,828,547.

CASH BALANCE July 31, 2026			
Fund	**Description**	**Ending Balance**	
1000	General Fund	$	(2,385,127)
1001	Payroll Payables		104,183
Total General Funds		**$**	**(2,280,944)**
1010	Contingency Reserve	$	2,319,346
1015	PERS Contingency Fund		1,690,919
1020	Emergency Reserve		1,592,776
1025	Facilities Reserve Fund		282,714
Total Reserve Funds		**$**	**5,885,754**
1200	Capital Improvement Fund	**$**	**(1,420,063)**
2210	ISF - Stores Fund	$	48,748
2211	ISF - Information Technology		576,651
2212	ISF - Equipment Replacement		309,395
2213	ISF - Self-Insurance Liability		(408,268)
2214	ISF - Workers Compensation		19,363
2216	ISF - Compensated Absences		(375,360)
Total Internal Service Funds		**$**	**170,529**
TOTAL AVAILABLE GENERAL FUNDS		**$**	**2,355,276**
1300	SLESF - Supl Law Enfc	$	98,166
1305	Restricted TOT		67,685
1308	SB1 Road Maint. & Rehab.		162,659
1309	RTC Streets		206,067
1310	Gas Tax		185,966
1311	Wharf		(20,674)
1313	General Plan Update and Maint		246,372
1314	Green Building Education		289,822
1315	Public Art Fee Fund		132,430
1316	Parking Reserve Fund		737
1317	Technology Fee Fund		103,852
1320	PEG - Public Education and Govt		69,446
1321	BIA - Capitola Village-Wharf BIA		10,226
1350	CDBG Grants		518,837
1351	CDBG Program Income		18,774
1360	Library Fund		54,616
1370	HOME Reuse		1,154,575
1372	Housing Trust		324,145
1373	Permanent Local Housing Allocatic		18,057
5552	Cap Hsg Succ- Program Income		1,831,514
Total Special Revenue Funds		**$**	**5,473,271**
TOTAL CITY CASH BALANCE		**$**	**7,828,547**

(1) July 31st balance does not include $1,000,125 held in the OPEB Trust.

7/31/26

Jamie Goldstein — Date
City Manager

7/31/26

Jim Malberg — Date
Administrative Services Director

City of Capitola

City Checks Issued July 31, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
107137	07/31/2026			A TOOL SHED	$375.52
	Invoice	Date	Description		Amount
	1800738-5	07/16/2026	Tractor Brush Cutter Rental		$375.52
107138	07/31/2026			ACE PORTABLE SERVICES	$130.27
	Invoice	Date	Description		Amount
	I63622	07/29/2026	Jade St. Portable Toilets		$130.27
107139	07/31/2026			ADAMS ASHBY GROUP INC.	$6,000.00
	Invoice	Date	Description		Amount
	7714	07/08/2026	General admin of CDBG - Jade Street Park		$6,000.00
107140	07/31/2026			ADRIENNE HARRELL	$292.50
	Invoice	Date	Description		Amount
	AH071726	07/17/2026	Instructor Payment		$292.50
107141	07/31/2026			AIMEE FITZGERALD	$237.90
	Invoice	Date	Description		Amount
	AF071726	07/17/2026	Instructor Payment		$237.90
107142	07/31/2026			AJ'S FUEL MARKET OF CAPITOLA INC	$420.00
	Invoice	Date	Description		Amount
	AJ063026	06/30/2026	Carwash Closing Date 6/30/2026		$420.00
107143	07/31/2026			AMAZON CAPITAL SERVICES	$2,708.66
	Invoice	Date	Description		Amount
	1RRL-CG7T-WWXN	07/15/2026	Camp games and supplies		$133.10
	13GL-T1NQ-GF9L	07/16/2026	Ice packs and toys		$55.16
	13Q6-P93J-QVDG	07/16/2026	Insect repellent		$25.11
	1PGW-WNDQ-KTRN	07/16/2026	Plumbing tools		$53.51
	1XMC-7GHK-MLDC	07/17/2026	Wireless mouse		$15.24
	16YP-X3HX-3DCQ	07/27/2026	Drum funnels (3)		$1,242.18
	1K97-QCMX-3CKQ	07/28/2026	Air freshener spray		$25.18
	1N6Y-H97L-9XTD	06/20/2026	K-9 Training Supplies		$566.94
	1PW1-DXP6-MFKY	07/16/2026	Anti-theft Wheel Boot Clamps		$283.32
	1DKQ-J19F-KTWP	07/29/2026	Neighborhood Crime Watch Sign		$81.90
	1FHT-MHJT-XQFJ	07/22/2026	Afterschool supplies		$221.24
	1MC4-PGPD-M94V	07/21/2026	Tent stakes		$5.78
107144	07/31/2026			ARCADIA PUBLISHING	$409.53
	Invoice	Date	Description		Amount
	26067896	07/24/2026	Museum books		$409.53

City Checks Issued July 31, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
107145	07/31/2026			B & B SMALL ENGINE REPAIR	$231.56
	Invoice	Date	Description		Amount
	111697	07/29/2026	Hedger		$231.56
107146	07/31/2026			BARBIC ROOFING	$61,132.00
	Invoice	Date	Description		Amount
	BR062926	06/29/2026	Roof Work at Corp Yard		$61,132.00
107147	07/31/2026			BAYSIDE OIL II INC.	$120.18
	Invoice	Date	Description		Amount
	61293	07/13/2026	DS Pump		$120.18
107148	07/31/2026			BELLOWS PLUMBING HEATING & AIR	$5,200.00
	Invoice	Date	Description		Amount
	310912	06/18/2026	PD Bathroom Repairs		$5,200.00
107149	07/31/2026			BEN NOBLE	$3,612.50
	Invoice	Date	Description		Amount
	1581	07/10/2026	Housing Element Implementation Services thru 6.30.26		$3,612.50
107150	07/31/2026			BROPRINTS INC.	$813.17
	Invoice	Date	Description		Amount
	22903	07/24/2026	Tshirts & hoodies		$813.17
107151	07/31/2026			BURKE WILLIAMS AND SORENSEN LLP	$55,572.77
	Invoice	Date	Description		Amount
	371826	07/22/2026	June Legal Services		$593.27
	372240	07/28/2026	June Legal Services		$13,025.25
	372234	07/28/2026	June Legal Services		$26,580.00
	372233	07/28/2026	June Legal Services		$1,254.00
	372236	07/28/2026	June Legal Services		$2,370.00
	372237	07/28/2026	June Legal Services		$1,424.25
	372238	07/28/2026	June Legal Services		$10,326.00
107152	07/31/2026			CA DEPARTMENT OF CONSERVATION	$528.58
	Invoice	Date	Description		Amount
	CDC063026	06/30/2026	Apr - Jun strong motion & seismic hazard mapping fees		$528.58
107153	07/31/2026			CA DEPARTMENT OF JUSTICE	$179.00
	Invoice	Date	Description		Amount
	43876	05/05/2026	May fingerprinting		$147.00
	056410	06/30/2026	June 2026 PD Fingerprinting		$32.00

City of Capitola

City Checks Issued July 31, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
107154	07/31/2026			CA DEPARTMENT OF TRANSPORTATION	$4,772.95
	Invoice	Date	Description	Amount	
	SL261096	07/15/2026	Apr - Jun signals & lighting	$4,772.95	
107155	07/31/2026			CALIFORNIA BUILDING STANDARDS COMMISSION	$191.00
	Invoice	Date	Description	Amount	
	CBSC063026	06/30/2026	Apr - Jun Building Standards Admin Fee	$191.00	
107156	07/31/2026			CALIFORNIA GREY BEARS INC.	$9,421.09
	Invoice	Date	Description	Amount	
	GB063026	06/30/2026	24-CDBG-NH-10001-A2	$9,421.09	
107157	07/31/2026			CARIN HANNA	$1,158.93
	Invoice	Date	Description	Amount	
	CH071826	07/21/2026	BIA Reimbursement	$1,158.93	
107158	07/31/2026			CENTRAL HOME SUPPLY	$65.19
	Invoice	Date	Description	Amount	
	86417	07/14/2026	Common bricks	$65.19	
107159	07/31/2026			CINTAS CORPORATION	$244.21
	Invoice	Date	Description	Amount	
	5349578203	07/23/2026	City Hall first aid supplies	$82.67	
	5349578202	07/23/2026	First Aid Replenishment	$161.54	
107160	07/31/2026			CLASSIFIED SOUND	$3,900.00
	Invoice	Date	Description	Amount	
	2607CAP	07/31/2026	Sound Engineering - July Twilight Concerts	$3,900.00	
107161	07/31/2026			COMMUNITY ACTION BOARD	$26,266.24
	Invoice	Date	Description	Amount	
	CAB070726	07/07/2026	June Emergency Housing Assistance	$4,757.06	
	CAB051326	05/13/2026	April Emergency Housing Assistance	$3,139.53	
	CAB040926	04/09/2026	February Emergency Housing Assistance	$10,403.18	
	CAB040926-2	04/09/2026	January Emergency Housing Assistance	$560.25	
	CAB041026	04/10/2026	March Emergency Housing Assistance	$891.47	
	CAB021425	07/01/2025	January 2025 Emergency Housing Assistance	$6,514.75	
107162	07/31/2026			COMMUNITY BRIDGES	$17,820.00
	Invoice	Date	Description	Amount	
	CB070826	07/08/2026	2026 Shuttle Services	$17,820.00	

City Checks Issued July 31, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
107163	07/31/2026			COMMUNITY TELEVISION OF SANTA CRUZ COUNTY	$1,997.75
	Invoice	Date	Description		Amount
	3765	07/23/2026	June Planning Commission and City Council Meeting Footage		$1,997.75
107164	07/31/2026			COVELLO AND COVELLO PHOTOGRAPHY	$4,965.09
	Invoice	Date	Description		Amount
	1508	07/16/2026	Photography		$4,965.09
107165	07/31/2026			CSG Consultants Inc.	$17,690.18
	Invoice	Date	Description		Amount
	67015	07/14/2026	Planning Services thru 6.30.26		$7,931.25
	B260885	07/01/2026	Building Plan Review Services thru 6.30.26		$2,040.43
	67050	07/15/2026	Building Official Services thru 6.30.26		$3,139.00
	67198	07/16/2026	723 El Salto Final Map		$4,579.50
107166	07/31/2026			DIESEL DIRECT WEST LLC	$13,600.54
	Invoice	Date	Description		Amount
	87409118	07/16/2026	470.6 gallons gasoline		$2,767.09
	87363961-2	06/03/2026	610 gallons gasoline revised invoice amount		$494.23
	87363960-2	06/03/2026	250 gallons diesel revised invoice		$1.02
	87389241-2	06/11/2026	150 gallons diesel revised invoice		$222.22
	87401832	06/11/2026	320 gallons gasoline revised invoice		$1,865.53
	87364022-2	06/17/2026	560 gallons gasoline revised invoice		$453.73
	87375976-2	06/24/2026	160 gallons diesel revised invoice		$225.47
	87401903	06/24/2026	493 gallons gasoline revised invoice		$2,713.05
	87373552-2	07/01/2026	245 gallons gasoline revised invoice		$245.46
	87389321-2	07/08/2026	248 gallons diesel revised invoice		$360.89
	87382324-2	07/08/2026	793 gallons gasoline revised invoice		$901.01
	87431804	07/23/2026	350.5 gallons gasoline		$2,167.41
	87431803	07/23/2026	150 gallons diesel		$1,183.43
107167	07/31/2026			DONALD W ALLEY	$10,923.53
	Invoice	Date	Description		Amount
	626-02-2	07/01/2026	Soquel Lagoon Monitoring Scope and Budget FY2026-2027		$10,923.53
107168	07/31/2026			DUSTY STACHE WOODWORK	$515.00
	Invoice	Date	Description		Amount
	DSW052026	05/20/2026	Redwood handrails		$515.00
107169	07/31/2026			ECOLOGY ACTION OF SANTA CRUZ	$8,124.54
	Invoice	Date	Description		Amount
	69200	06/30/2026	Capitola Active Transportation Plan thru 6.30.26		$8,124.54

City Checks Issued July 31, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
107170	07/31/2026			FEHR & PEERS	$20,461.88
	Invoice	Date	Description		Amount
	197555	07/10/2026	Capitola Active Transportation Plan thru 6.26.26		$20,461.88
107171	07/31/2026			FRANK PERRY	$150.00
	Invoice	Date	Description		Amount
	072526	07/25/2026	Geology of the Monterey Bay Region		$150.00
107172	07/31/2026			FUSE ARCHITECTS, INC.	$18,750.00
	Invoice	Date	Description		Amount
	24-529-002	07/09/2026	Wharf Master Plan Services thru 5.31.26		$18,750.00
107173	07/31/2026			GRAINGER	$230.11
	Invoice	Date	Description		Amount
	9006536453	07/15/2026	Gauge		$58.76
	9003005379	07/13/2026	Neutral floor cleaner		$171.35
107174	07/31/2026			GREEN HALO SYSTEMS INC	$200.00
	Invoice	Date	Description		Amount
	6629	07/06/2026	Waste Management Monthly Hosting		$200.00
107175	07/31/2026			HARBOR FREIGHT	$296.31
	Invoice	Date	Description		Amount
	05b0309a	07/27/2026	Steel jack		$296.31
107176	07/31/2026			HD SUPPLY FORMERLY HOME DEPOT PRO	$1,144.23
	Invoice	Date	Description		Amount
	9251766266	07/21/2026	Cleaning supplies		$893.61
	9251948768	07/24/2026	Cleaning gloves		$250.62
107177	07/31/2026			HEIDI MICHELLE WOODMANSEE	$1,300.00
	Invoice	Date	Description		Amount
	HW072926	07/29/2026	Instructor payment		$1,300.00
107178	07/31/2026			Hi-Line Inc.	$1,430.64
	Invoice	Date	Description		Amount
	3336957	07/27/2026	Connector fuse, battery terminal, tubing, crimps		$1,430.64

City Checks Issued July 31, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
107179	07/31/2026			HOME DEPOT CREDIT SERVICES	$154.17
	Invoice	Date	Description	Amount	
	1620812	07/14/2026	Plywood	$57.48	
	1643627	07/14/2026	Hand clamp, blades, lock, utility knife	$52.95	
	1521613	07/14/2026	Pattern nozzles	$21.86	
	8630165	07/17/2026	Pro grip tape	$21.88	
107180	07/31/2026			INTEGRAL CONSULTING INC	$19,193.54
	Invoice	Date	Description	Amount	
	35818	07/15/2026	Esplanade Park SLR Adaptation Plan through 6.30.26	$19,193.54	
107181	07/31/2026			JANET RUSSELL KELLER	$643.50
	Invoice	Date	Description	Amount	
	JRK072926	07/29/2026	Instructor payment	$643.50	
107182	07/31/2026			JESUS MENDOZA	$110.18
	Invoice	Date	Description	Amount	
	JM070426	07/04/2026	Food for 4th of July Staffing Reimbursement	$110.18	
107183	07/31/2026			JOHNSON ROBERTS & ASSOCIATES INC.	$19.50
	Invoice	Date	Description	Amount	
	158885	06/30/2026	June 2026 PD PHQ Reports	$19.50	
107184	07/31/2026			KBA Document Solutions LLC	$285.65
	Invoice	Date	Description	Amount	
	55Y1615158	07/21/2026	City Hall copier usage charges	$285.65	
107185	07/31/2026			KEYSER MARSTON ASSOCIATES, INC.	$147.50
	Invoice	Date	Description	Amount	
	0040926	07/14/2026	Economic Development Services thru 6.30.26	$147.50	
107186	07/31/2026			KIMLEY HORN AND ASSOCIATES INC	$20,212.50
	Invoice	Date	Description	Amount	
	36503160	06/30/2026	41st Ave Multimodal Corridor Improvements thru 6.30.26	$15,212.50	
	36094796	05/31/2026	Capitola Local Roadway Safety Plan through 5.31.26	$5,000.00	

City Checks Issued July 31, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
107187	07/31/2026			KING'S PAINT AND PAPER INC.	$117.99
	Invoice	Date	Description		Amount
	3CU9D	07/21/2026	Chip brush		$1.94
	QSVEC	07/24/2026	Paint		$30.20
	7YY7Z	07/28/2026	Paint		$85.85
107188	07/31/2026			KOINONIA CONFERENCE GROUNDS	$880.00
	Invoice	Date	Description		Amount
	KCG062426	06/24/2026	Laser Tag		$480.00
	KCG071026	07/10/2026	Laser Tag		$400.00
107189	07/31/2026			KRAIG EVANS	$117.58
	Invoice	Date	Description		Amount
	KE071626	07/16/2026	ABC Alcohol Policing Grant Conference Travel Reimbursement		$117.58
107190	07/31/2026			LABORMAX STAFFING	$6,844.58
	Invoice	Date	Description		Amount
	26-510209	07/17/2026	Public works seasonal labor 7/13 - 7/17/26		$2,179.41
	26-511322	07/24/2026	Public works seasonal labor 7/20 - 7/24/26		$2,485.76
	26-507013	06/26/2026	Public works seasonal labor 6/23 - 6/26/25		$2,179.41
107191	07/31/2026			LAURA ALIOTO	$325.00
	Invoice	Date	Description		Amount
	LA071726	07/17/2026	Instructor Payment		$325.00
107192	07/31/2026			LAW ENFORCEMENT PSYCHOLOGICAL SERVICES INC.	$1,425.00
	Invoice	Date	Description		Amount
	35789	06/30/2026	Police Officer Candidate Psychological Evaluation		$475.00
	35788	05/31/2026	Police Officer Candidate Psychological Evaluations		$950.00
107193	07/31/2026			LEO MORENO	$306.58
	Invoice	Date	Description		Amount
	LM071626	07/16/2026	ABC Alcohol Policing Grant Conference Travel Reimbursement		$306.58
107194	07/31/2026			LEXIPOL, LLC	$3,858.60
	Invoice	Date	Description		Amount
	INVPM11273231	07/01/2026	Annual METR and LEFTA Subscriptions for 8/1/26 - 7/31/27		$3,858.60
107195	07/31/2026			LINDE GAS & EQUIPMENT INC.	$266.03
	Invoice	Date	Description		Amount
	57988455	07/22/2026	Acetylene rental		$266.03

City Checks Issued July 31, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
107196	07/31/2026			MASTER CLEANERS	$4,790.28
	Invoice	Date	Description		Amount
	MC050926	05/09/2026	April 2026 Uniform Cleaning		$1,629.54
	MC071126	07/11/2026	May 2026 Uniform Cleaning		$1,605.08
	MC071126-2	07/11/2026	June 2026 Uniform Cleaning		$1,555.66
107197	07/31/2026			MBASIA	$17,048.37
	Invoice	Date	Description		Amount
	MBASIA072126	07/21/2026	Liability claim - Deductible Recovery Invoice		$17,048.37
107198	07/31/2026			MICHELE FAIA	$13.00
	Invoice	Date	Description		Amount
	MF071726	07/17/2026	Instructor Payment		$13.00
107199	07/31/2026			MID COUNTY AUTO SUPPLY	$65.54
	Invoice	Date	Description		Amount
	M-3440592	07/28/2026	Coil on plug coil		$65.54
107200	07/31/2026			MISSION LINEN SUPPLY	$613.86
	Invoice	Date	Description		Amount
	526410081	07/20/2026	Linen Maintenance		$82.08
	526388864	07/15/2026	Fleet towels, uniform cleaning		$64.43
	526388865	07/15/2026	Corp. Yard linen service		$98.46
	526434819	07/22/2026	Fleet towels, uniform cleaning		$84.31
	526434820	07/22/2026	Corp. Yard linen service		$121.69
	526474802	07/29/2026	Corp. Yard linen service		$98.46
	526474801	07/29/2026	Fleet towels, uniform cleaning		$64.43
107201	07/31/2026			MISSION PRINTERS	$87.05
	Invoice	Date	Description		Amount
	68774	07/02/2026	Business cards		$87.05
107202	07/31/2026			MITY-LITE INC.	$8,123.91
	Invoice	Date	Description		Amount
	00202175	07/10/2026	Tables for Community Center		$8,123.91
107203	07/31/2026			MONTEREY BAY AIR RESOURCES DISTRICT	$6,284.85
	Invoice	Date	Description		Amount
	0004479	07/23/2026	Per Capita Assessment FY26/27		$6,284.85

City Checks Issued July 31, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
107204	07/31/2026			NORTH BAY FORD	$196.38
	Invoice	Date	Description		Amount
	299375	07/13/2026	Automatic transmission oil		$109.84
	299378	07/13/2026	Window parts		$86.54
107205	07/31/2026			O'REILLY AUTO PARTS	$631.02
	Invoice	Date	Description		Amount
	2763-216805	07/14/2026	Tie Rod		$96.19
	2763-216878	07/14/2026	Fluid pump and gloves		$40.40
	2763-216810	07/14/2026	Micro V Belt		$59.65
	2763-216811	07/14/2026	Core charge, alternator		$328.09
	2763-217497	07/17/2026	Cabin filter, oil filter, air filter		$135.82
	2763-217298	07/16/2026	Core return, air filters		($29.13)
107206	07/31/2026			OUTDOOR SUPPLY HARDWARE	$174.27
	Invoice	Date	Description		Amount
	1167	07/16/2026	Mat protector		$8.73
	1160	07/14/2026	Rust remover		$54.61
	1170	07/21/2026	Brooms, roller cover		$36.66
	1161	07/14/2026	Socket impact, ratchet		$74.27
107207	07/31/2026			PACIFIC GAS & ELECTRIC	$16,467.67
	Invoice	Date	Description		Amount
	PGE071426-acct9	07/14/2026	July Monthly utilities		$16,467.67
107208	07/31/2026			Paula Yoshiko Suzuki	$780.00
	Invoice	Date	Description		Amount
	PYS071726	07/17/2026	Instructor Payment		$780.00
107209	07/31/2026			PHIL ALLEGRI ELECTRIC INC.	$2,111.61
	Invoice	Date	Description		Amount
	37869	07/23/2026	City hall electrical work		$2,111.61
107210	07/31/2026			ROSS RECREATION EQUIP CO INC.	$3,894.98
	Invoice	Date	Description		Amount
	I30101	07/16/2026	Benches (2)		$3,894.98
107211	07/31/2026			SAN LORENZO LUMBER	$55.98
	Invoice	Date	Description		Amount
	55-1044659	07/20/2026	Masking tape, bolts, washers, hex nuts		$55.98

City Checks Issued July 31, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
107212	07/31/2026			SANTA CRUZ COUNTY SANITATION DISTRICT	$501.72
	Invoice	Date	Description	Amount	
	SCCSO071526	07/15/2026	Annual Sewer Service Discharge permit DWD001	$501.72	
107213	07/31/2026			SANTA CRUZ COUNTY SHERIFF	$11,045.00
	Invoice	Date	Description	Amount	
	2627CLETS	07/27/2026	FY26/27 CLETS Administrative Cost Recovery	$11,045.00	
107214	07/31/2026			SECOND HARVEST FOOD BANK	$20,139.97
	Invoice	Date	Description	Amount	
	SHFB063026	06/30/2026	24-CDBG-NH-10001-A3	$20,139.97	
107215	07/31/2026			SERVPRO OF PALO ALTO	$1,067.54
	Invoice	Date	Description	Amount	
	6128	07/28/2026	Bio Remediation of Interview Room on 7/23/2026	$1,067.54	
107216	07/31/2026			SOQUEL CREEK WATER DISTRICT	$10,639.31
	Invoice	Date	Description	Amount	
	06-14476-0071626	07/16/2026	06-14476-00 430 Kennedy Drive water service	$401.91	
	08-15299-0071626	07/16/2026	08-15299-00 Monterey Ave. water	$211.84	
	08-15562-0071626	07/16/2026	08-15562-00 Cliff and Fairview water service	$211.84	
	09-15964-0071626	07/16/2026	09-15964-00 Monterey Ave. Esplanade water	$7,947.15	
	13-10919-0071626	07/16/2026	13-10919-00 2000 Wharf Road water service	$120.30	
	10-16317-0071626	07/16/2026	10-16317-00 420 Capitola Ave. water	$1,001.41	
	10-16315-0071626	07/16/2026	10-16315-00 504 Beulah Dr. water	$264.32	
	10-16316-0071626	07/16/2026	10-16316-00 426 Capitola Ave. water	$480.54	
107217	07/31/2026			SPECTRUM BUSINESS	$1,305.66
	Invoice	Date	Description	Amount	
	170005701072126	07/21/2026	July internet service	$1,305.66	
107218	07/31/2026			STAPLES ADVANTAGE	$301.98
	Invoice	Date	Description	Amount	
	6069240592	07/22/2026	USB Drives	$301.98	
107219	07/31/2026			STAR HAGEN-ESQUERRA	$400.00
	Invoice	Date	Description	Amount	
	INV-2026-001620	07/10/2026	Face Painting	$400.00	

City Checks Issued July 31, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
107220	07/31/2026			STOP COMPANY	$61.04
	Invoice	Date	Description		Amount
	1875	07/14/2026	Road closed signs		$61.04
107221	07/31/2026			T MOBILE	$436.80
	Invoice	Date	Description		Amount
	TM072026	07/20/2026	July cell phone usage - acct # 989440968		$436.80
107222	07/31/2026			UNISAFE INC	$231.53
	Invoice	Date	Description		Amount
	728072	07/20/2026	Property and Evidence Supplies		$231.53
107223	07/31/2026			UPS	$25.00
	Invoice	Date	Description		Amount
	0000954791306	07/25/2026	Shipping Cost		$25.00
107224	07/31/2026			VERIZON WIRELESS	$2,268.07
	Invoice	Date	Description		Amount
	6148276626	07/10/2026	July telephone charges		$2,268.07
107225	07/31/2026			WESTERN EXTERMINATOR COMPANY	$110.21
	Invoice	Date	Description		Amount
	99689984	07/15/2026	City Hall rodent control		$110.21
107226	07/31/2026			Barth, Maryanne	$70.95
	Invoice	Date	Description		Amount
	MB071526	07/15/2026	Citation # 506126643		$70.95
107227	07/31/2026			GRANDMAS NEST LLC	$135.00
	Invoice	Date	Description		Amount
	GN072926	07/29/2026	BIA Payment Refund		$135.00
107228	07/31/2026			JOHN PARDA	$500.00
	Invoice	Date	Description		Amount
	JP070826	07/08/2026	Tree Deposit Refund #26-0242		$500.00

City Checks Issued July 31, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
Type Check Totals:					$469,070.00
EFT					
49	07/24/2026			SANTA CRUZ COUNTY BANK	$11,888.49
	Invoice	Date	Description	Amount	
	SCCB063026	07/01/2026	June Credit Card Charges	$11,888.49	
Type EFT Totals:					$11,888.49
SCCB - SCCB Payroll					
Check					
7368	07/31/2026			AFLAC	$1,336.04
	Invoice	Date	Description	Amount	
	579170	07/27/2026	July supplemental insurance	$1,336.04	
7369	07/31/2026			BENEFIT COORDINATORS CORP.	$6,436.30
	Invoice	Date	Description	Amount	
	B0NQVL	07/01/2026	July vision & dental insurance	$6,436.30	
7370	07/31/2026			CAPITOLA PEACE OFFICERS ASSOCIATION	$1,290.50
	Invoice	Date	Description	Amount	
	POA072426	07/24/2026	POA & Gym Dues PPE 07/18/26	$1,290.50	
7371	07/31/2026			LIUNA PENSION FUND	$1,344.00
	Invoice	Date	Description	Amount	
	GF9946	07/24/2026	LIUNA pension dues - June	$1,344.00	
7372	07/31/2026			UNITED WAY OF SANTA CRUZ COUNTY	$20.00
	Invoice	Date	Description	Amount	
	UW072426	07/24/2026	July United Way contributions	$20.00	
7373	07/31/2026			US BANK PARS Acct 6746022400	$7,041.86
	Invoice	Date	Description	Amount	
	PARS072426	07/24/2026	PARS contributions PPE 7/18/26	$7,041.86	
Type Check Totals:					$17,468.70
EFT					
4620	07/27/2026			WEX HEALTH INC.	$135.00
	Invoice	Date	Description	Amount	
	0002397601-IN	06/30/2026	June COBRA and FSA admin.	$135.00	

City of Capitola

City Checks Issued July 31, 2026

Check Number	Invoice Number	Invoice Date	Description	Payee Name	Transaction Amount
4773	07/27/2026			CalPERS Member Services Division	$73,206.71
	Invoice	Date	Description	Amount	
	103341240-3	07/24/2026	PERS contributions PPE 07/18/25	$73,206.71	
4774	07/27/2026			EMPLOYMENT DEVELOPMENT DEPARTMENT	$15,206.55
	Invoice	Date	Description	Amount	
	1-704-912-720	07/24/2026	State Taxes PPE 07/18/26	$15,206.55	
4775	07/27/2026			INTERNAL REVENUE SERVICE	$48,142.72
	Invoice	Date	Description	Amount	
	03890328	07/24/2026	Federal taxes & Medicare PPE 07/18/26 & Employee Final Pays	$48,142.72	
4776	07/27/2026			STATE DISBURSEMENT UNIT	$1,197.67
	Invoice	Date	Description	Amount	
	57368215	07/24/2026	Employee garnishments PPE 07/18/26	$1,197.67	
4777	07/27/2026			VOYA FINANCIAL	$12,867.30
	Invoice	Date	Description	Amount	
	VOYA072426	07/24/2026	Employee 457 Contribution PPE 07/18/26	$12,867.30	
Type EFT Totals:					$150,755.95

Checks	**92**	**$469,070.00**
EFTs	**1**	**$11,888.49**
All	**93**	**$480,958.49**
Payroll Totals		
Checks	**18**	**$29,106.30**
EFTs	**154**	**$442,160.01**
All	**172**	**$471,266.31**
Grand Totals:		
Checks	**110**	**$498,176.30**
EFTs	**155**	**$454,048.50**
All	**265**	**$952,224.80**

Capitola City Council

Agenda Report

Meeting: August 27, 2026

From: Community and Economic Development Department

Subject: Contract Amendment for Planning and Building Services

Recommended Action: Authorize the City Manager to execute 1) Amendment 2 to the Professional Services Agreements with CSG Consultants, Inc. for Planning Consultant Services to increase contract funding by $50,000; and 2) Amendment 1 to the Professional Services Agreement with CSG Consultants, Inc. for Building Consultant Services to increase contract funding by $95,000.

Background: To meet current operational demands within a highly competitive regional job market, the Department has adapted its staffing models and leveraged the existing CSG agreement to ensure service continuity.

In April 2026, the City underfilled the Senior Planner position with an Assistant Planner. Additionally, the City successfully onboarded a new Building Official in March 2026, who is currently progressing through a comprehensive professional development plan toward full certification by March 2028. To maintain uninterrupted community services during this transitional period, staff recommends amending the agreement with CSG Consultants, Inc. to continue to provide seamless building plan reviews and inspection coverage.

Discussion: Staff is seeking amendments to the two separate agreements with CSG Consultants to provide an additional $50,000 in planning services and $95,000 in building services. The services will be provided on an as-needed basis through June 30, 2027.

Planning Consultant Services: On July 30, 2025, the City entered into a Professional Services Agreement with CSG Consultants, Inc. (CSG) for Planning Consultant Services. The not-to-exceed amount was $50,000. The City and CSG entered into a First Amendment to the PSA for Planning Consultant Services to increase the not-to-exceed amount from $50,000 to $125,000.

With the Senior Planner position currently underfilled by an Assistant Planner, there remains a need for an experienced planner to assist with complex projects, including density bonus applications, commercial development proposals, subdivisions, and projects subject to SB 330. CSG has provided planning assistance on recent applications, including the Tesla tenant improvement, subdivision applications, density bonus applications, and SB 330 preliminary applications.

For development projects, the City typically collects a planner cost recovery deposit and bills the applicant for staff and consultant time on an hourly basis. As a result, the majority of CSG's planning costs associated with development applications are recovered from project applicants.

Some consultant activities are administrative in nature and are not billable to project applicants. These activities are offset by the salary and benefit savings realized by underfilling the Senior Planner position with an Assistant Planner.

Staff recommends an amendment to provide $50,000 in additional on-call planning services and extend the agreement through June 30, 2027. The proposed Second Amendment to the PSA for Planning Consultant Services would increase the not-to-exceed amount from $125,000 to $175,000. The agreement is for services requested by City staff on an as-needed basis, and there is no obligation for the City to expend the full contract amount.

Building Plan Review and Inspection Services: On July 1, 2024, the City entered into a Professional Services Agreement with CSG for Building Division and Public Works Department Consultant Services. The not-to-exceed amount was $120,000 for fiscal year 2024-25, $90,000 for fiscal year 2025-26, and $90,000 for fiscal year 2026-27.

Because the City's Building Official is currently completing the certification requirements necessary to perform building plan review, all building plan review is currently being provided by CSG. CSG also provides supplemental building inspection services when the Building Official is unavailable.

CSG receives 65 percent of the applicable building plan check fee for plan review services. Building plan review fees are collected from applicants at the time of application, and the full cost of the plan review is recovered through these fees. Accordingly, the $85,000 budgeted for building plan review is anticipated to be fully offset by applicant-paid fees.

The City is also requesting $10,000 for supplemental building inspection services when the Building Official is out of the office. These services provide continuity of building inspection services and ensure that required inspections can continue when the Building Official is unavailable.

Staff recommends an amendment of $95,000 ($85,000 for building plan review and $10,000 for supplemental building inspection services). The proposed First Amendment to the PSA for Building Consultant Services would increase the not-to-exceed amount from $90,000 to $185,000 for fiscal year 2026-27.

The proposed First Amendment will provide the City with continued access to experienced building plan review and inspection resources while the Building Official completes the certification process. CSG services will be provided on an as-needed basis, and there is no obligation for the City to expend the full amount authorized.

Fiscal Impact: The proposed CSG contract amendments are already included in the City's adopted FY 2026-27 budget. The action before the City Council is limited to amending the existing contracts and does not require a budget amendment or additional appropriation.

The FY 2026-27 budget includes $50,000 for planning consultant services and $95,000 for building services, consisting of $85,000 for building plan review and $10,000 for supplemental building inspection services. The total amount associated with the proposed amendments is $145,000.

A significant portion of these costs is recovered through the City's development fee cost recovery process. The $85,000 for building plan review is anticipated to be fully recovered through applicant-paid plan review fees. Planning services associated with development applications are also primarily recovered through applicant-paid deposits and hourly cost recovery. The City will be responsible for certain non-billable administrative and coordination activities associated with planning consultant services; these costs are offset by the personnel savings associated with underfilling the Senior Planner position with an Assistant Planner.

No additional General Fund appropriation is requested.

Attachments:

1. Professional Services Agreement for Planning Consultant Services dated July 30, 2025
2. First Amendment to Professional Services Agreement for Planning Consultant Services dated January 2, 2026
3. Proposed Second Amendment to Professional Services Agreement for Planning Consultant Services
4. Professional Services Agreement for Building Division and Public Works Department Consultant Services dated July 1, 2024
5. Proposed First Amendment to Professional Services Agreement for Building Consultant Services

Alignment with 2025-2029 Strategic Plan Priority: Accountable Government; Sustainable Infrastructure

Report Prepared By: Katie Herlihy, Community and Economic Development Director

Reviewed By: Julia Gautho, City Clerk

Approved By: Jamie Goldstein, City Manager

Docusign Envelope ID: 1DE83F88-2498-457E-BBAB-597665451FF5

CITY OF CAPITOLA
PROFESSIONAL SERVICES AGREEMENT
Planning Consulting Services
CSG Consultants

THIS AGREEMENT is entered into on July 30, 2025, by and between the City of Capitola, a Municipal Corporation, hereinafter called "City" and CSG Consultants, Inc., hereinafter called "Consultant".

WHEREAS, City desires certain services described in Appendix One and Consultant is capable of providing and desires to provide these services;

NOW, THEREFORE, City and Consultant for the consideration and upon the terms and conditions hereinafter specified agree as follows:

SECTION 1
Scope of Services

The services to be performed under this Agreement are for Planning Consultant services and further detailed in Appendix One.

SECTION 2
Duties of Consultant

All work performed by Consultant, or under its direction, shall be sufficient to satisfy the City's objectives for entering into this Agreement and shall be rendered in accordance with the generally accepted practices, and to the standards of, Consultant's profession.

Consultant shall not undertake any work beyond the scope of work set forth in Appendix One unless such additional work is approved in advance and in writing by City. The cost of such additional work shall be reimbursed to Consultant by City on the same basis as provided for in Section 4.

If, in the prosecution of the work, it is necessary to conduct field operations, security and safety of the job site will be the Consultant's responsibility excluding, nevertheless, the security and safety of any facility of City within the job site which is not under the Consultant's control.

Consultant shall meet with Katie Herlihy, Community Development Director, called “Director," or other City personnel, or third parties as necessary, on all matters connected with carrying out of Consultant's services described in Appendix One. Such meetings shall be held at the request of either party hereto. Review and City approval of completed work shall be obtained monthly, or at such intervals as may be mutually agreed upon, during the course of this work.

SECTION 3
Duties of the City

City shall make available to Consultant all data and information in the City's possession which City deems necessary to the preparation and execution of the work, and City shall actively aid and assist Consultant in obtaining such information from other agencies and individuals as necessary.

The Director may authorize a staff person to serve as his or her representative for conferring with Consultant relative to Consultant's services. The work in progress hereunder shall be reviewed from time to time by City at the discretion of City or upon the request of Consultant. If the work is satisfactory, it will be approved. If the work is not satisfactory, City will inform Consultant of the changes or revisions necessary to secure approval.

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SECTION 4
Fees and Payment

Payment for the Consultant's services shall be made upon a schedule and within the limit, or limits shown, upon Appendix Two. Such payment shall be considered the full compensation for all personnel, materials, supplies, and equipment used by Consultant in carrying out the work. If Consultant is compensated on an hourly basis, Consultant shall track the number of hours Consultant, and each of Consultant's employees, has worked under this Agreement during each fiscal year (July 1 through June 30) and Consultant shall immediately notify City if the number of hours worked during any fiscal year by any of Consultant's employees reaches 900 hours. In addition, each invoice submitted by Consultant to City shall specify the number of hours to date Consultant, and each of Consultant's employees, has worked under this Agreement during the current fiscal year.

SECTION 5
Changes in Work

City may order major changes in scope or character of the work, either decreasing or increasing the scope of Consultant's services. No changes in the Scope of Work as described in Appendix One shall be made without the City's written approval. Any change requiring compensation in excess of the sum specified in Appendix Two shall be approved in advance in writing by the City.

SECTION 6
Time of Beginning and Schedule for Completion

This Agreement will become effective when signed by both parties and will terminate on the earlier of:

- The date Consultant completes the services required by this Agreement, as agreed by the City; or
- The date either party terminates the Agreement as provided below.

Work shall begin on or about August 4, 2025.

In the event that major changes are ordered or Consultant is delayed in performance of its services by circumstances beyond its control, the City will grant Consultant a reasonable adjustment in the schedule for completion provided that to do so would not frustrate the City's objective for entering into this Agreement. Consultant must submit all claims for adjustments to City within thirty calendar days of the time of occurrence of circumstances necessitating the adjustment.

SECTION 7
Termination

City shall have the right to terminate this Agreement at any time upon giving ten days written notice to Consultant. Consultant may terminate this Agreement upon written notice to City should the City fail to fulfill its duties as set forth in this Agreement. In the event of termination, City shall pay the Consultant for all services performed and accepted under this Agreement up to the date of termination.

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SECTION 8
Insurance

Consultant shall procure and maintain for the duration of the contract and for two years thereafter, insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Consultant, his agents, representatives, or employees.

Minimum Scope of Insurance

Coverage shall be at least as broad as:

1. Insurance Services Office Commercial General Liability coverage (Occurrence Form CG 0001).

2. Insurance Services office Form Number CA 0001 covering Automobile Liability, Code 1 (any auto).

3. Workers' Compensation insurance as required by the State of California, and Employer's Liability Insurance.

4. Professional (Errors and Omissions) Liability insurance appropriate to the consultant's profession. Architects' and engineers' coverage shall include contractual liability.

Minimum Limits of Insurance

Consultant shall maintain limits no less than:

1.	General Liability: (including operations, products and completed operations)	**$1,000,000** per occurrence and **$2,000,000** in aggregate (including operations, for bodily injury, personal and property damage.
2.	Automobile Liability:	**$1,000,000** per accident for bodily injury and property damage.
3.	Employer's Liability Insurance	**$1,000,000 per accident for bodily injury and property damage.**
4.	Errors and Omissions Liability: Limits	**$1,000,000** per claim and **$2,000,000** in the aggregate.

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Other Insurance Provisions

The commercial general liability and automobile liability policies are to contain, or be endorsed to contain, the following provisions:

1. The City of Capitola, its officers, officials, employees and volunteers are to be covered as additional insured's as respects: liability arising out of work or operations performed by or on behalf of the Consultant or automobiles owned, leased, hired or borrowed by the Consultant.
2. For any claims related to this project, the Consultant's insurance coverage shall be primary insurance as respects the City, its officers, officials, employees and volunteers. Any insurance or self-insurance maintained by the City, its officers, officials, employees or volunteers shall be excess of the Consultant's insurance and shall not contribute with it.
3. Each insurance policy required by this clause shall be endorsed to state that coverage shall not be canceled except after prior written notice has been given to the City.

Acceptability of Insurers

Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A:VII, unless otherwise acceptable to the City.

Waiver of Subrogation

Contractor hereby agrees to waive rights of subrogation which any insurer of Contractor may acquire from Contractor by virtue of the payment of any loss. Contractor agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation. **The Workers' Compensation policy shall be endorsed with a waiver of subrogation in favor of the City of Capitola** for all work performed by the Contractor, its employees, agents and subcontractors.

Verification of Coverage

Consultant shall furnish the City with original certificates and amendatory endorsements affecting coverage by this clause. The endorsements should be on forms provided by the City or on other than the City's forms provided those endorsements conform to City requirements. All certificates and endorsements are to be received and approved by the City before work commences. The City reserves the right to require complete, certified copies of all required insurance policies, including endorsements affecting the coverage required by these specifications at any time.

SECTION 9
Indemnification

For General Services: To the fullest extent permitted by law, Consultant agrees to indemnify, defend, and hold harmless the City, its directors, officers, employees from and against any and all claims, demands, actions, liabilities, damages, judgments, or expenses (including attorneys' fees and costs) arising from the acts or omissions of Consultant's employees or agents in any way related to the obligations or in the performance of services under this Agreement, except for design professional services as defined in Civil Code § 2782.8, and except where caused by the sole or active negligence, or willful misconduct of the City.

For Design Professional Services under Civil Code §2782.8: To the fullest extent permitted by law, Consultant agrees to indemnify, defend, and hold harmless the City, its directors, officers, and employees

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from and against any and all claims, demands, actions, liabilities, damages, or expenses (including attorneys' fees and costs) arising from the negligence, recklessness, or willful misconduct of the Consultant, Consultant's employees, or agents in any way related to the obligations or in the performance of design professional services under this Agreement as defined in Civil Code §2782.8, except where caused by the sole or active negligence, or willful misconduct of the City. The costs to defend charged to the Consultant relating to design professional services shall not exceed the Consultant's proportionate percentage of fault per Civil Code §2782.8.and against all claims, damages, losses, and expenses including attorney fees arising out of the performance of the work described herein, caused in whole or in part by any negligent act or omission of the Consultant, Consultant's employees, agents or subcontractors, except where caused by the active negligence, sole negligence, or willful misconduct of the City.

SECTION 10
Civil Rights Compliance/Equal Opportunity Assurance

Every supplier of materials and services and all consultants doing business with the City of Capitola shall be in compliance with the applicable provisions of the Americans with Disabilities Act of 1990, and shall be an equal opportunity employer as defined by Title VII of the Civil Rights Act of 1964 and including the California Fair Employment and Housing Act of 1980. As such, consultant shall not discriminate against any person on the basis of race, religious creed, color, national origin, ancestry, disability, medical condition, marital status, age or sex with respect to hiring, application for employment, tenure or terms and conditions of employment. Consultant agrees to abide by all of the foregoing statutes and regulations.

SECTION 11
Legal Action/Attorneys' Fees

If any action at law or in equity is brought to enforce or interpret the provisions of this Agreement, the prevailing party shall be entitled to reasonable attorney's fees in addition to any other relief to which he or she may be entitled. The laws of the State of California shall govern all matters relating to the validity, interpretation, and effect of this Agreement and any authorized or alleged changes, the performance of any of its terms, as well as the rights and obligations of Consultant and the City.

SECTION 12
Assignment

This Agreement shall not be assigned without first obtaining the express written consent of the Director after approval of the City Council.

SECTION 13
Amendments

This Agreement may not be amended in any respect except by way of a written instrument which expressly references and identifies this particular Agreement, which expressly states that its purpose is to amend this particular Agreement, and which is duly executed by the City and Consultant. Consultant acknowledges that no such amendment shall be effective until approved and authorized by the City Council, or an officer of the City when the City Council may from time to time empower an officer of the City to approve and authorize such amendments. No representative of the City is authorized to obligate the City to pay the cost or value of services beyond the scope of services set forth in Appendix Two. Such authority is retained solely by the City Council. Unless expressly authorized by the City Council, Consultant's compensation shall be limited to that set forth in Appendix Two.

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SECTION 14
Miscellaneous Provisions

1. *Project Manager*. Director reserves the right to approve the project manager assigned by Consultant to said work. No change in assignment may occur without prior written approval of the City.

2. *Consultant Service*. Consultant is employed to render professional services only and any payments made to Consultant are compensation solely for such professional services.

3. *Licensure*. Consultant warrants that he or she has complied with any and all applicable governmental licensing requirements.

4. *Other Agreements*. This Agreement supersedes any and all other agreements, either oral or in writing, between the parties hereto with respect to the subject matter, and no other agreement, statement or promise related to the subject matter of this Agreement which is not contained in this Agreement shall be valid or binding.

5. *City Property*. Upon payment for the work performed, or portion thereof, all drawings, specifications, records, or other documents generated by Consultant pursuant to this Agreement are, and shall remain, the property of the City whether the project for which they are made is executed or not. The Consultant shall be permitted to retain copies, including reproducible copies, of drawings and specifications for information and reference in connection with the City's use and/or occupancy of the project. The drawings, specifications, records, documents, and Consultant's other work product shall not be used by the Consultant on other projects, except by agreement in writing and with appropriate compensation to the City.

6. *Consultant's Records*. Consultant shall maintain accurate accounting records and other written documentation pertaining to the costs incurred for this project. Such records and documentation shall be kept available at Consultant's office during the period of this Agreement, and after the term of this Agreement for a period of three years from the date of the final City payment for Consultant's services.

7. *Independent Contractor*. In the performance of its work, it is expressly understood that Consultant, including Consultant's agents, servants, employees, and subcontractors, is an independent contractor solely responsible for its acts and omissions, and Consultant shall not be considered an employee of the City for any purpose.

8. *Conflicts of Interest*. Consultant stipulates that corporately or individually, its firm, its employees and subcontractors have no financial interest in either the success or failure of any project which is, or may be, dependent on the results of the Consultant's work product prepared pursuant to this Agreement.

9. *Notices*. All notices herein provided to be given, or which may be given by either party to the other, shall be deemed to have been fully given and fully received when made in writing and deposited in the United States mail, certified and postage prepaid, and addressed to the respective parties as follows:

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CITY	CONSULTANT
CITY OF CAPITOLA	CSG Consultants
420 Capitola Avenue	550 Pilgrim Drive
Capitola, CA 95010	Foster City, CA 94404
831-475-7300	(650) 522-2500
By: DocuSigned by: Jim Malberg 49DD42C1AC59481...	By: DocuSigned by: Cyrus Kianpour 7AC12FF2224A4B2...
Jim Malberg, Acting City Manager	Cyrus Kianpour, President
Dated: 7/31/2025	Dated: 7/31/2025

Approved as to Form:

Signed by: Samantha Zutler 9ACC12D54AFB4B4...

Samantha Zutler, City Attorney

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APPENDIX ONE
Scope of Services

Services are to be provided on an as needed basis. Consultant shall provide well qualified and competent personnel to provide the following services to City:

1. Planning Services

- Manage the processing of discretionary and administrative permits, including scheduling, noticing, agenda preparation, and participation for Planning Commission, administrative design review meetings, and other City established committees and boards.
- Tracking and reporting billable permit costs for development applications.
- Serve as lead staff for major development proposals, preparing and presenting written and oral reports with analysis, findings, and recommendations.
- Plan review of building permit applications for consistency with applicable codes and planning permit conditions.
- Interpret and apply the City's General Plan, Local Coastal Program, Zoning Code, CEQA, and other applicable regulations.
- Collaborate with applicants, architects, and the public to improve project design and ensure compliance with city policies and ordinances.
- Make administrative permit decisions as authorized by the Municipal Code.
- Provide technical assistance and policy interpretation to the public, elected officials, City departments, and outside agencies.
- Conduct long-range planning projects, including General Plan updates and implementation, Specific Plan development, housing element implementation and annual reporting, and zoning code amendments.
- Oversee or participate in the preparation of environmental documents under CEQA/NEPA including managing consultant contracts and peer review.
- Manage preparation of development projects by City through the planning and design phase, including the administration of consultant contracts.
- Support economic development initiatives in coordination with local businesses, property owners, and regional partners. Help implement economic development programs such as façade improvement grants, business incubators or pop-up programs, and technical assistance.
- Coordinate and support special topic committees, including the Art & Cultural Commission, Historical Museum Board, and Commission on the Environment. • Research and prepare grant applications; administer awarded grants, ensuring compliance with reporting and funding requirements.
- Support historic preservation efforts and resource protection programs, including preparation of designations, review of alterations to historic resources, and coordination with state and federal agencies.
- Carry out code enforcement activities, resolve violations, and oversee enforcement activities of supervised positions.
- Supervise and mentor planning staff, interns, and consultants. Provide guidance and quality control for permit processing and policy work.
- Contribute to process improvements, including refining public handouts, application forms, and digital workflows.
- Prepare and present maps, charts, and visual exhibits using GIS and permit tracking systems.
- Perform related duties as assigned.

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APPENDIX TWO

Fees and Payments

Consultant will provide invoices to the City for all services and expenses on a monthly basis. City will endeavor to pay all invoices within 30 days of receipt. The total amount billed by Consultant and paid by City pursuant to this agreement shall not exceed $50,000 (fifty thousand dollars), for fiscal year 2025/2026 without written advance authorization from the City.

Consultant hereby represents and warrants, based upon Consultant's independent determination of the time and labor, including overtime, which will be required to perform said services, that Consultant will provide all said services at a cost which will not exceed the maximum price set forth in this agreement for Consultant's services. Consultant hereby assumes the risk that Consultant will perform said services within this maximum price constraint and Consultant acknowledges that its inability to do so shall not excuse completion of the services and shall not provide a basis for additional compensation.

Salary expenses include the actual direct pay of personnel assigned to the project (except for routine secretarial and account services) plus payroll taxes, insurance, sick leave, holidays, vacation, and other fringe benefits. The percentage of compensation attributable to salary expenses includes all of Consultant's indirect overhead costs and fees. For purposes of this Agreement, Consultant's salary expenses and non-salary expenses will be compensated at the rates set forth in the fee schedule attached to this appendix and in accordance with the terms set forth therein. Non-salary expenses include travel, meals and lodging while traveling, materials other than normal office supplies, reproduction and printing costs, equipment rental, computer services, service of subconsultants or subcontractors, and other identifiable job expenses. The use of Consultant's vehicles for travel shall be paid at the current Internal Revenue Service published mileage rate.

Salary payment for personnel time will be made at the rates set forth in the attached fee schedule for all time charged to the project. Normal payroll rates are for 40 hours per week. Consultant shall not charge the City for personnel overtime salary at rates higher than those set forth in the attached fee schedule without the City's prior written authorization.

In no event shall the total fee charged for the scope of work set forth in Appendix One exceed the total budget of $50,000 (fifty thousand dollars) for fiscal year 2025/2026 without specific, written advance authorization from the City.

Payments shall be made monthly by the City, based on itemized invoices from the Consultant which list actual costs and expenses. Such payments shall be for the invoice amount. The monthly statements shall contain the following affidavit signed by a principal of the Consultant's firm:

"I hereby certify as principal of the firm of CSG Consultants, that the not to exceed $50,000 (fifty thousand dollars) for fiscal year 2025/2026 as summarized above and shown in detail on the attachments is fair and reasonable, is in accordance with the terms of the Agreement dated July 30, 2025, and has not been previously paid."

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CSG Planning Services Fee Schedule

Northern California Region

CSG Consultants' fee schedule for proposed services is provided below.

PERSONNEL / ROLE	HOURLY RATE
Planning Technician	$100
Assistant Planner	$155
Associate Planner	$175
Senior Planner	$210
Planning Manager	$240
Principal Planner	$235
Planning Director	$250
Principal-in-Charge	$280
Assistant Environmental Planner	$160
Associate Environmental Planner	$190
Senior Environmental Planner	$230
Environmental Planning Director	$280
Geographical Information Systems (GIS) Technician	$100
Geographical Information Systems (GIS) Analyst	$120
Geographical Information Systems (GIS) Manager	$160
Sustainability Programs Analyst	$190
Sustainability Programs Manager	$220
Document Publications Specialist	$125

TERMS

- *All hourly rates include overhead costs including but not limited to salaries, benefits, workers' compensation insurance, local travel, and miscellaneous office expenses.*
- *Overtime services and services provided outside of normal business hours will be billed at 1.5x the applicable hourly rate.*
- *On July 1 of each year following the contract start year, CSG will initiate an hourly rate increase based on change in CPI for the applicable region.*
- *CSG will mail/email an invoice every month for services rendered during the previous month. Unless otherwise agreed, payment terms are 30 days from receipt of invoice.*
- *This fee proposal is valid for a period of 90 days from date of submittal.*

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1st AMENDMENT TO THE
PROFESSIONAL SERVICES AGREEMENT

between

CITY OF CAPITOLA and CSG Consulting Inc.

WHEREAS, on July 30, 2025, the City of Capitola ("City") and CSG Consulting Inc., a California Corporation ("CSG Consulting") (City and CSG Consulting and referred to collectively as the "Parties") entered into a Professional Services Agreement ("Agreement"), a copy of which is attached hereto and incorporated by reference; and

WHEREAS, the Parties wish to amend the Agreement to amend compensation under the Agreement.

THEREFORE BE IT RESOLVED:

1. The recitals set forth above are true and correct and incorporated herein by reference.

2. Appendix Two is amended to Increase the not-to-exceed-amount from $50,000 to $125,000.

All other terms and conditions of the Agreement not explicitly modified by this First Amendment shall remain in full force and effect.

CONSULTANT: CSG Consulting

DocuSigned by:
Cyrus Kianpour
7AC12FF2224A4B2...

By: Cyrus Kianpour, President

Date: 1/2/2026

CITY OF CAPITOLA

Signed by:
Jamie Goldstein
D05A9A7B5900485...

By: Benjamin Goldstein, City Manager

Date: 12/30/2025

APPROVED AS TO FORM:

Signed by:
Marc Tran
59E6B105811542F...

Marc Tran, City Attorney

Date: 12/30/2025

2nd AMENDMENT TO THE
PROFESSIONAL SERVICES AGREEMENT
Planning Consulting Services
between
CITY OF CAPITOLA and CSG Consulting Inc.

WHEREAS, on July 30, 2025, the City of Capitola ("City") and CSG Consulting Inc., a California Corporation ("CSG Consulting") (City and CSG Consulting and referred to collectively as the "Parties") entered into a Professional Services Agreement ("Agreement"), a copy of which is attached hereto as Exhibit A and incorporated herein by reference; and

WHEREAS, under the Agreement, the original not-to-exceed amount was $50,000; and

WHEREAS, on or about January 2, 2026, the Parties executed a First Amendment to the Agreement to increase the not-to-exceed amount from $50,000 to $125,000, a copy of which is attached hereto as Exhibit B and incorporated herein by reference; and

WHEREAS, the Parties wish to amend the Agreement further to increase compensation under the Agreement.

THEREFORE BE IT RESOLVED:

1. The recitals set forth above are true and correct and incorporated herein by reference.

2. Appendix Two is amended to Increase the not-to-exceed-amount from $125,000 to $175,000.

All other terms and conditions of the Agreement not explicitly modified by the First Amendment or this Second Amendment shall remain in full force and effect.

CONSULTANT: CSG Consulting, Inc.

_____ Date: _____
By: Cyrus Kianpour, President

CITY OF CAPITOLA

_____ Date: _____
By: Benjamin Goldstein, City Manager

APPROVED AS TO FORM:

_____ Date: _____
Marc Tran, City Attorney

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CITY OF CAPITOLA
PROFESSIONAL SERVICES AGREEMENT
Building Consulting Services
CSG Consultants

THIS AGREEMENT is entered into on July 1, 2024, by and between the City of Capitola, a Municipal Corporation, hereinafter called "City" and CSG Consultants, Inc., hereinafter called "Consultant".

WHEREAS, City desires certain services described in Appendix One and Consultant is capable of providing and desires to provide these services;

NOW, THEREFORE, City and Consultant for the consideration and upon the terms and conditions hereinafter specified agree as follows:

SECTION 1
Scope of Services

The services to be performed under this Agreement are for Building Division and Public Works Department Consultant services and further detailed in Appendix One.

SECTION 2
Duties of Consultant

All work performed by Consultant, or under its direction, shall be sufficient to satisfy the City's objectives for entering into this Agreement and shall be rendered in accordance with the generally accepted practices, and to the standards of, Consultant's profession.

Consultant shall not undertake any work beyond the scope of work set forth in Appendix One unless such additional work is approved in advance and in writing by City. The cost of such additional work shall be reimbursed to Consultant by City on the same basis as provided for in Section 4.

If, in the prosecution of the work, it is necessary to conduct field operations, security and safety of the job site will be the Consultant's responsibility excluding, nevertheless, the security and safety of any facility of City within the job site which is not under the Consultant's control.

Consultant shall meet with Katie Herlihy, Community Development Director, called “Director," or other City personnel, or third parties as necessary, on all matters connected with carrying out of Consultant's services described in Appendix One. Such meetings shall be held at the request of either party hereto. Review and City approval of completed work shall be obtained monthly, or at such intervals as may be mutually agreed upon, during the course of this work.

SECTION 3
Duties of the City

City shall make available to Consultant all data and information in the City's possession which City deems necessary to the preparation and execution of the work, and City shall actively aid and assist Consultant in obtaining such information from other agencies and individuals as necessary.

The Director may authorize a staff person to serve as his or her representative for conferring with Consultant relative to Consultant's services. The work in progress hereunder shall be reviewed from time to time by City at the discretion of City or upon the request of Consultant. If the work is satisfactory, it will be approved. If the work is not satisfactory, City will inform Consultant of the changes or revisions necessary to secure approval.

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SECTION 5
Changes in Work

City may order major changes in scope or character of the work, either decreasing or increasing the scope of Consultant's services. No changes in the Scope of Work as described in Appendix One shall be made without the City's written approval. Any change requiring compensation in excess of the sum specified in Appendix Two shall be approved in advance in writing by the City.

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This Agreement will become effective when signed by both parties and will terminate on the earlier of:

- The date Consultant completes the services required by this Agreement, as agreed by the City; or
- The date either party terminates the Agreement as provided below.

Work shall begin on or about July 1, 2024.

In the event that major changes are ordered or Consultant is delayed in performance of its services by circumstances beyond its control, the City will grant Consultant a reasonable adjustment in the schedule for completion provided that to do so would not frustrate the City's objective for entering into this Agreement. Consultant must submit all claims for adjustments to City within thirty calendar days of the time of occurrence of circumstances necessitating the adjustment.

SECTION 7
Termination

City shall have the right to terminate this Agreement at any time upon giving ten days written notice to Consultant. Consultant may terminate this Agreement upon written notice to City should the City fail to fulfill its duties as set forth in this Agreement. In the event of termination, City shall pay the Consultant for all services performed and accepted under this Agreement up to the date of termination.

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SECTION 8
Insurance

Consultant shall procure and maintain for the duration of the contract and for two years thereafter, insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Consultant, his agents, representatives, or employees.

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Coverage shall be at least as broad as:

1. Insurance Services Office Commercial General Liability coverage (Occurrence Form CG 0001).

2. Insurance Services office Form Number CA 0001 covering Automobile Liability, Code 1 (any auto).

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Consultant shall maintain limits no less than:

1.	General Liability: (including operations, products and completed operations)	**$1,000,000** per occurrence and **$2,000,000** in aggregate (including operations, for bodily injury, personal and property damage.
2.	Automobile Liability:	**$1,000,000** per accident for bodily injury and property damage.
3.	Employer's Liability Insurance	**$1,000,000 per accident for bodily injury and property damage.**
4.	Errors and Omissions Liability: Limits	**$1,000,000** per claim and **$2,000,000** in the aggregate.

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Other Insurance Provisions

The commercial general liability and automobile liability policies are to contain, or be endorsed to contain, the following provisions:

1. The City of Capitola, its officers, officials, employees and volunteers are to be covered as additional insured's as respects: liability arising out of work or operations performed by or on behalf of the Consultant or automobiles owned, leased, hired or borrowed by the Consultant.
2. For any claims related to this project, the Consultant's insurance coverage shall be primary insurance as respects the City, its officers, officials, employees and volunteers. Any insurance or self-insurance maintained by the City, its officers, officials, employees or volunteers shall be excess of the Consultant's insurance and shall not contribute with it.
3. Each insurance policy required by this clause shall be endorsed to state that coverage shall not be canceled except after prior written notice has been given to the City.

Acceptability of Insurers

Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A:VII, unless otherwise acceptable to the City.

Waiver of Subrogation

Contractor hereby agrees to waive rights of subrogation which any insurer of Contractor may acquire from Contractor by virtue of the payment of any loss. Contractor agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation. **The Workers' Compensation policy shall be endorsed with a waiver of subrogation in favor of the City of Capitola** for all work performed by the Contractor, its employees, agents and subcontractors.

Verification of Coverage

Consultant shall furnish the City with original certificates and amendatory endorsements affecting coverage by this clause. The endorsements should be on forms provided by the City or on other than the City's forms provided those endorsements conform to City requirements. All certificates and endorsements are to be received and approved by the City before work commences. The City reserves the right to require complete, certified copies of all required insurance policies, including endorsements affecting the coverage required by these specifications at any time.

SECTION 9
Indemnification

For General Services: To the fullest extent permitted by law, Consultant agrees to indemnify, defend, and hold harmless the City, its directors, officers, employees from and against any and all claims, demands, actions, liabilities, damages, judgments, or expenses (including attorneys' fees and costs) arising from the acts or omissions of Consultant's employees or agents in any way related to the obligations or in the performance of services under this Agreement, except for design professional services as defined in Civil Code § 2782.8, and except where caused by the sole or active negligence, or willful misconduct of the City.

For Design Professional Services under Civil Code §2782.8: To the fullest extent permitted by law, Consultant agrees to indemnify, defend, and hold harmless the City, its directors, officers, and employees

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from and against any and all claims, demands, actions, liabilities, damages, or expenses (including attorneys' fees and costs) arising from the negligence, recklessness, or willful misconduct of the Consultant, Consultant's employees, or agents in any way related to the obligations or in the performance of design professional services under this Agreement as defined in Civil Code §2782.8, except where caused by the sole or active negligence, or willful misconduct of the City. The costs to defend charged to the Consultant relating to design professional services shall not exceed the Consultant's proportionate percentage of fault per Civil Code §2782.8.and against all claims, damages, losses, and expenses including attorney fees arising out of the performance of the work described herein, caused in whole or in part by any negligent act or omission of the Consultant, Consultant's employees, agents or subcontractors, except where caused by the active negligence, sole negligence, or willful misconduct of the City.

SECTION 10
Civil Rights Compliance/Equal Opportunity Assurance

Every supplier of materials and services and all consultants doing business with the City of Capitola shall be in compliance with the applicable provisions of the Americans with Disabilities Act of 1990, and shall be an equal opportunity employer as defined by Title VII of the Civil Rights Act of 1964 and including the California Fair Employment and Housing Act of 1980. As such, consultant shall not discriminate against any person on the basis of race, religious creed, color, national origin, ancestry, disability, medical condition, marital status, age or sex with respect to hiring, application for employment, tenure or terms and conditions of employment. Consultant agrees to abide by all of the foregoing statutes and regulations.

SECTION 11
Legal Action/Attorneys' Fees

If any action at law or in equity is brought to enforce or interpret the provisions of this Agreement, the prevailing party shall be entitled to reasonable attorney's fees in addition to any other relief to which he or she may be entitled. The laws of the State of California shall govern all matters relating to the validity, interpretation, and effect of this Agreement and any authorized or alleged changes, the performance of any of its terms, as well as the rights and obligations of Consultant and the City.

SECTION 12
Assignment

This Agreement shall not be assigned without first obtaining the express written consent of the Director after approval of the City Council.

SECTION 13
Amendments

This Agreement may not be amended in any respect except by way of a written instrument which expressly references and identifies this particular Agreement, which expressly states that its purpose is to amend this particular Agreement, and which is duly executed by the City and Consultant. Consultant acknowledges that no such amendment shall be effective until approved and authorized by the City Council, or an officer of the City when the City Council may from time to time empower an officer of the City to approve and authorize such amendments. No representative of the City is authorized to obligate the City to pay the cost or value of services beyond the scope of services set forth in Appendix Two. Such authority is retained solely by the City Council. Unless expressly authorized by the City Council, Consultant's compensation shall be limited to that set forth in Appendix Two.

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SECTION 14
Miscellaneous Provisions

1. *Project Manager.* Director reserves the right to approve the project manager assigned by Consultant to said work. No change in assignment may occur without prior written approval of the City.

2. *Consultant Service.* Consultant is employed to render professional services only and any payments made to Consultant are compensation solely for such professional services.

3. *Licensure*. Consultant warrants that he or she has complied with any and all applicable governmental licensing requirements.

4. *Other Agreements*. This Agreement supersedes any and all other agreements, either oral or in writing, between the parties hereto with respect to the subject matter, and no other agreement, statement or promise related to the subject matter of this Agreement which is not contained in this Agreement shall be valid or binding.

5. *City Property*. Upon payment for the work performed, or portion thereof, all drawings, specifications, records, or other documents generated by Consultant pursuant to this Agreement are, and shall remain, the property of the City whether the project for which they are made is executed or not. The Consultant shall be permitted to retain copies, including reproducible copies, of drawings and specifications for information and reference in connection with the City's use and/or occupancy of the project. The drawings, specifications, records, documents, and Consultant's other work product shall not be used by the Consultant on other projects, except by agreement in writing and with appropriate compensation to the City.

6. *Consultant's Records*. Consultant shall maintain accurate accounting records and other written documentation pertaining to the costs incurred for this project. Such records and documentation shall be kept available at Consultant's office during the period of this Agreement, and after the term of this Agreement for a period of three years from the date of the final City payment for Consultant's services.

7. *Independent Contractor*. In the performance of its work, it is expressly understood that Consultant, including Consultant's agents, servants, employees, and subcontractors, is an independent contractor solely responsible for its acts and omissions, and Consultant shall not be considered an employee of the City for any purpose.

8. *Conflicts of Interest*. Consultant stipulates that corporately or individually, its firm, its employees and subcontractors have no financial interest in either the success or failure of any project which is, or may be, dependent on the results of the Consultant's work product prepared pursuant to this Agreement.

9. *Notices*. All notices herein provided to be given, or which may be given by either party to the other, shall be deemed to have been fully given and fully received when made in writing and deposited in the United States mail, certified and postage prepaid, and addressed to the respective parties as follows:

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CITY
CITY OF CAPITOLA
420 Capitola Avenue
Capitola, CA 95010
831-475-7300

By: DocuSigned by: Jamie Goldstein D05A9A7B5000485...
Benjamin Goldstein, City Manager

Dated: 6/17/2024

CONSULTANT
CSG Consultants
550 Pilgrim Drive
Foster City, CA 94404
(650) 522-2500

By: DocuSigned by: Cyrus Kianpour 7AC12FF2224A4B2...
Cyrus Kianpour, President

Dated: 6/27/2024

Approved as to Form:
DocuSigned by: Samantha W. Zutler 8ACC12B54AFB4B4...
Samantha Zutler, City Attorney

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APPENDIX ONE
Scope of Services

Services are to be provided on an as needed basis. Consultant shall provide well qualified and competent personnel to provide the following services to City:

1. Building Plan Review Services

    a. Services shall consist of the review of plans and documents for compliance with the City's adopted or enforced codes and regulations. Additionally, services shall be provided in accordance with accepted standards of practice for government plan review, and in conformance with the policies, procedures, interpretations and practices of the City.
    b. Services shall include but may not necessarily be limited to the examination of the following plans: Structural; electrical, mechanical and plumbing code; disabled access code; Green Building Code; Energy Code; and Non-structural fire and life-safety.
    c. During the plan review process, Consultant shall meet, if requested, with the applicant or architect/engineer, City staff or consultants.
    d. Turn-around time shall be a maximum of ten (10) business days for the first check. The turn-around time for subsequent checks, revisions, deferred submittals, and RFIs shall be a maximum of five (5) business days. **Note**: *Turn-around time may vary with the complexity and magnitude of the project. If a review is anticipated to take longer than the maximum turnaround time, Consultant shall notify City and negotiate additional time required to ensure an appropriate level of review.*
    e. At their option, City may transmit plans for review digitally in electronic format, or physically in hard copy format. Consultant may provide courier service to pick-up and return plans to City.
    f. Consultant shall provide expedited plan review services upon request of City. The review time shall be five (5) working days or less, or by mutually agreed upon between City and Consultant.
    g. City shall provide Consultant local changes to State codes as adopted from time to time.

2. On Call Certified Building Inspector

3. On Call CASp Inspctions

4. On Call Building Official/Counter Assistance

5. Public Works Plan Review Services

    a. Research and review civil engineering and site planning designs for properties undergoing development or improvement.
    b. Evaluate tentative maps and/or land development applications to ensure compliance with City standards during the entitlement process.
    c. Assess improvement plans for adherence to adopted City standards, approved Conditions of Approval, and industry best practices.
    d. Verify compliance with General Phase II permit for discharges to small Municipal Separate Storm Sewer Systems (MS4s)
    e. Review storm drain hydraulic calculations to ensure compliance with City standards and accepted industry norms.
    f. Evaluate technical studies such as traffic studies, geotechnical investigations, and environmental site assessments.

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g. Assess documents related to Grading Permit applications in accordance with the City of Capitola Municipal Code.
h. Clearly communicate identified issues to City staff and/or the developer's design professionals.

6. City Surveyor

a. Research and review title issues for properties under development or improvement.
b. Review land surveying aspects of tentative maps to ensure compliance with City standards during the entitlement process.
c. Verify final maps and parcel maps adhere to the Subdivision Map Act, City zoning, approved Conditions of Approval, and industry standards. Provide stamp and signature on maps prior to recordation.
d. Assess Lot Line Adjustment, Parcel Merger, and easement plat maps, legal descriptions, and math closure calculations for accuracy.
e. Clearly communicate identified issues to City staff and/or the developer's or owner's design professionals.
f. Fulfill all other obligations outlined in California Government Code §66451.1(b).

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APPENDIX TWO
Fees and Payments

Consultant will provide invoices to the City for all services and expenses on a monthly basis. City will endeavor to pay all invoices within 30 days of receipt. The total amount billed by Consultant and paid by City pursuant to this agreement shall not exceed $120,000 (one hundred twenty thousand dollars), for fiscal year 2024/2025; $90,000 (ninety thousand dollars) for fiscal year 2025/2026; and $90,000 (ninety thousand) for fiscal year 2026/2027 written advance authorization from the City.

Consultant hereby represents and warrants, based upon Consultant's independent determination of the time and labor, including overtime, which will be required to perform said services, that Consultant will provide all said services at a cost which will not exceed the maximum price set forth in this agreement for Consultant's services. Consultant hereby assumes the risk that Consultant will perform said services within this maximum price constraint and Consultant acknowledges that its inability to do so shall not excuse completion of the services and shall not provide a basis for additional compensation.

Salary expenses include the actual direct pay of personnel assigned to the project (except for routine secretarial and account services) plus payroll taxes, insurance, sick leave, holidays, vacation, and other fringe benefits. The percentage of compensation attributable to salary expenses includes all of Consultant's indirect overhead costs and fees. For purposes of this Agreement, Consultant's salary expenses and non-salary expenses will be compensated at the rates set forth in the fee schedule attached to this appendix and in accordance with the terms set forth therein. Non-salary expenses include travel, meals and lodging while traveling, materials other than normal office supplies, reproduction and printing costs, equipment rental, computer services, service of subconsultants or subcontractors, and other identifiable job expenses. The use of Consultant's vehicles for travel shall be paid at the current Internal Revenue Service published mileage rate.

Salary payment for personnel time will be made at the rates set forth in the attached fee schedule for all time charged to the project. Normal payroll rates are for 40 hours per week. Consultant shall not charge the City for personnel overtime salary at rates higher than those set forth in the attached fee schedule without the City's prior written authorization.

In no event shall the total fee charged for the scope of work set forth in Appendix One exceed the total budget of $120,000 (one hundred twenty thousand dollars), for fiscal year 2024/2025; $90,000 (ninety thousand dollars) for fiscal year 2025/2026; and $90,000 (ninety thousand) for fiscal year 2026/2027 without specific, written advance authorization from the City.

Payments shall be made monthly by the City, based on itemized invoices from the Consultant which list actual costs and expenses. Such payments shall be for the invoice amount. The monthly statements shall contain the following affidavit signed by a principal of the Consultant's firm:

"I hereby certify as principal of the firm of CSG Consultants, that the not to exceed $120,000 (one hundred twenty thousand dollars), for fiscal year 2024/2025; $90,000 (ninety thousand dollars) for fiscal year 2025/2026; and $90,000 (ninety thousand) for fiscal year 2026/2027 in total as summarized above and shown in detail on the attachments is fair and reasonable, is in accordance with the terms of the Agreement dated July 1, 2024, and has not been previously paid."

1st AMENDMENT TO THE
PROFESSIONAL SERVICES AGREEMENT
Building Consulting Services
between

CITY OF CAPITOLA and CSG Consulting Inc.

WHEREAS, on July 1, 2024, the City of Capitola ("City") and CSG Consulting Inc., a California Corporation ("CSG Consulting") (City and CSG Consulting and referred to collectively as the "Parties") entered into a Professional Services Agreement ("Agreement"), a copy of which is attached hereto as Exhibit A and incorporated herein by reference; and

WHEREAS, under the Agreement, the original not-to-exceed amount was $120,000 for fiscal year 2024/2025, $90,000 for fiscal year 2025/2026, and $90,000 for fiscal year 2026/2027; and

WHEREAS, the Parties wish to amend the Agreement to amend compensation under the Agreement.

THEREFORE BE IT RESOLVED:

1. The recitals set forth above are true and correct and incorporated herein by reference.

2. Appendix Two is amended to add additional funds of $95,000 to the base allotment of $90,000 for a total not-to-exceed amount of $185,000 for fiscal year 2026/2027.

All other terms and conditions of the Agreement not explicitly modified by this First Amendment shall remain in full force and effect.

CONSULTANT: CSG Consulting, Inc.

_____ Date: _____
By: Cyrus Kianpour, President

CITY OF CAPITOLA

_____ Date: _____
By: Benjamin Goldstein, City Manager

APPROVED AS TO FORM:

_____ Date: _____
Marc Tran, City Attorney

Capitola City Council

Agenda Report

Meeting: August 27, 2026

From: Community and Economic Development Department

Subject: Ben Noble Planning Contract

Recommended Action: Adopt a resolution authorizing the City Manager to execute a sole source Professional Services Agreement, in a form acceptable to the City Attorney's Office, with Ben Noble Planning in an amount not to exceed $80,000 for a two-year term to provide General Plan implementation services for Zoning Code updates.

Background: Ben Noble Planning has provided planning consulting services to the City of Capitola since 2010, when the City Council approved a contract with PlaceWorks (formerly Design, Community, and Environment). Mr. Noble served as PlaceWorks' project manager for the City's General Plan Update, Climate Action Plan, Zoning Code Update, Environmental Impact Report (EIR), and supporting technical studies.

In 2015, Mr. Noble established Ben Noble Planning and continued managing the City's comprehensive Zoning Code Update, which was completed in 2020. Since then, Mr. Noble has assisted the City with numerous Zoning Code amendments to maintain compliance with State law and implement the City's Housing Element.

On May 23, 2024, the City Council authorized a Professional Services Agreement with Ben Noble Planning in the amount of $124,375 to implement Housing Element programs. The agreement was subsequently amended on September 11, 2025, and January 8, 2026, to continue Housing Element implementation. Recent work has included substantial updates to the City's multifamily housing regulations and the Capitola Mall zoning regulations.

Discussion: Staff recommends a new two-year Professional Services Agreement with Ben Noble Planning in an amount not to exceed $80,000 to assist with General Plan implementation. The proposed scope includes as needed Zoning Code and General Plan amendments necessary to comply with State law, implementation of the Housing Element, and economic development amendments to attract and retain businesses in Capitola.

The proposed Housing Element implementation work will build upon the City's ongoing efforts to implement the adopted Housing Element and will include amendments to the Zoning Code and related regulations. The consultant will also assist with updates necessary to maintain consistency with changes in State housing and planning law.

The economic development component of the agreement will focus on Zoning Code amendments that provide incentives and other regulatory tools to attract and retain businesses in Capitola and support business investment and redevelopment.

The proposed services will be provided on an as-needed basis at the direction of City staff. There is no obligation for the City to expend the full $80,000 contract amount.

Staff recommends a sole source agreement with Ben Noble Planning pursuant to the City's adopted sole source purchasing policy, Administrative Policy III-4. Mr. Noble has extensive knowledge of the City's General Plan, Housing Element, Zoning Code, and prior policy decisions as a result of his long-term involvement with the City and his direct role in the comprehensive Zoning Code Update.

Fiscal Impact: The proposed Professional Services Agreement will be funded through the City's Special Revenue Fund, General Plan Fund. The adopted FY 2026-27 budget includes $40,000 for General Plan implementation services.

The proposed agreement is for a two-year term with a total not-to-exceed amount of $80,000. The $40,000 budgeted in FY 2026-27 will fund the first year of the agreement. Funding for the second year will be subject to the City's annual budget process and the availability of General Plan Funds.

The proposed action authorizes a new professional services agreement and does not require an additional appropriation to the FY 2026-27 budget. No General Fund appropriation is requested.

Attachments:

1. Draft Professional Services Agreement
2. Sole Source Resolution
3. Sole Source Vendor Format

Alignment with 2025-2029 Strategic Plan Priority: Accountable Government; Attainable Housing

Report Prepared By: Katie Herlihy, Community and Economic Development Director

Reviewed By: Julia Gautho, City Clerk

Approved By: Jamie Goldstein, City Manager

CITY OF CAPITOLA
PROFESSIONAL SERVICES AGREEMENT
Ben Noble City and Regional Planning

THIS AGREEMENT is entered into on August 28, 2026, by and between the City of Capitola, a Municipal Corporation, hereinafter called "City" and Ben Noble, an individual, doing business as Ben Noble City and Regional Planning, hereinafter called "Consultant."

WHEREAS, City desires certain services described in Appendix One and Consultant is capable of providing and desires to provide these services;

NOW, THEREFORE, City and Consultant for the consideration and upon the terms and conditions hereinafter specified agree as follows:

SECTION 1
Scope of Services

The services to be performed under this Agreement are for planning consultant services and further detailed in Appendix One.

SECTION 2
Duties of Consultant

All work performed by Consultant, or under its direction, shall be sufficient to satisfy the City's objectives for entering into this Agreement and shall be rendered in accordance with the generally accepted practices, and to the standards of, Consultant's profession.

Consultant shall not undertake any work beyond the scope of work set forth in Appendix One unless such additional work is approved in advance and in writing by City. The cost of such additional work shall be reimbursed to Consultant by City on the same basis as provided for in Section 4.

If, in the prosecution of the work, it is necessary to conduct field operations, security and safety of the job site will be the Consultant's responsibility excluding, nevertheless, the security and safety of any facility of City within the job site which is not under the Consultant's control.

Consultant shall meet with Community Development Director, called “Director," or other City personnel, or third parties as necessary, on all matters connected with carrying out of Consultant's services described in Appendix One. Such meetings shall be held at the request of either party hereto. Review and City approval of completed work shall be obtained monthly, or at such intervals as may be mutually agreed upon, during the course of this work.

SECTION 3
Duties of the City

City shall make available to Consultant all data and information in the City's possession which City deems necessary to the preparation and execution of the work, and City shall actively aid and assist Consultant in obtaining such information from other agencies and individuals as necessary.

The Director may authorize a staff person to serve as his or her representative for conferring with Consultant relative to Consultant's services. The work in progress hereunder shall be reviewed from time to time by City at the discretion of City or upon the request of Consultant. If the work is satisfactory, it will be approved. If the work is not satisfactory, City will inform Consultant of the changes or revisions necessary to secure approval.

SECTION 4
Fees and Payment

Payment for the Consultant's services shall be made upon a schedule and within the limit, or limits shown, upon Appendix Two. Such payment shall be considered the full compensation for all personnel, materials, supplies, and equipment used by Consultant in carrying out the work. If Consultant is compensated on an hourly basis, Consultant shall track the number of hours Consultant, and each of Consultant's employees, has worked under this Agreement during each fiscal year (July 1 through June 30) and Consultant shall immediately notify City if the number of hours worked during any fiscal year by any of Consultant's employees reaches 228 hours. In addition, each invoice submitted by Consultant to City shall specify the number of hours to date Consultant, and each of Consultant's employees, has worked under this Agreement during the current fiscal year.

SECTION 5
Changes in Work

City may order major changes in scope or character of the work, either decreasing or increasing the scope of Consultant's services. No changes in the Scope of Work as described in Appendix One shall be made without the City's written approval. Any change requiring compensation in excess of the sum specified in Appendix Two shall be approved in advance in writing by the City.

SECTION 6
Time of Beginning and Schedule for Completion

This Agreement will become effective when signed by both parties and will terminate on the earliest of:

- Two years after the Agreement becomes effective; or
- The date Consultant completes the services required by this Agreement, as agreed by the City; or
- The date either party terminates the Agreement as provided below.

Work shall begin on or about August 28, 2026.

In the event that major changes are ordered or Consultant is delayed in performance of its services by circumstances beyond its control, the City will grant Consultant a reasonable adjustment in the schedule for completion provided that to do so would not frustrate the City's objective for entering into this Agreement. Consultant must submit all claims for adjustments to City within thirty calendar days of the time of occurrence of circumstances necessitating the adjustment.

SECTION 7
Termination

City shall have the right to terminate this Agreement at any time upon giving ten days written notice to Consultant. Consultant may terminate this Agreement upon written notice to City should the City fail to fulfill its duties as set forth in this Agreement. In the event of termination, City shall pay the Consultant for all services performed and accepted under this Agreement up to the date of termination.

SECTION 8
Insurance

Consultant shall procure and maintain for the duration of the contract and for 1 years thereafter, insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Consultant, his agents, representatives, or employees.

Minimum Scope of Insurance

Coverage shall be at least as broad as:

1. Insurance Services Office Commercial General Liability coverage (Occurrence Form CG 0001).

2. Insurance Services office Form Number CA 0001 covering Automobile Liability, Code 1 (any auto).

3. Workers' Compensation insurance as required by the State of California, and Employer's Liability Insurance.

4. Professional (Errors and Omissions) Liability insurance appropriate to the consultant's profession. Architects' and engineers' coverage shall include contractual liability.

Minimum Limits of Insurance

Consultant shall maintain limits no less than:

1.	General Liability: (including operations, products and completed operations)	**$1,000,000** per occurrence and **$2,000,000** in aggregate (including operations, for bodily injury, personal and property damage.
2.	Automobile Liability:	**$1,000,000** per accident for bodily injury and property damage.
3.	Employer's Liability Insurance	**$1,000,000 per accident for bodily injury and property damage.**
4.	Errors and Omissions Liability: Limits	**$1,000,000** per claim and **$2,000,000** in the aggregate.

Other Insurance Provisions

The commercial general liability and automobile liability policies are to contain, or be endorsed to contain, the following provisions:

1. The City of Capitola, its officers, officials, employees and volunteers are to be covered as additional insured's as respects: liability arising out of work or operations performed by or on behalf of the Consultant or automobiles owned, leased, hired or borrowed by the Consultant.
2. For any claims related to this project, the Consultant's insurance coverage shall be primary insurance as respects the City, its officers, officials, employees and volunteers. Any insurance or self-insurance maintained by the City, its officers, officials, employees or volunteers shall be excess of the Consultant's insurance and shall not contribute with it.
3. Each insurance policy required by this clause shall be endorsed to state that coverage shall not be canceled except after prior written notice has been given to the City.

Acceptability of Insurers

Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A:VII, unless otherwise acceptable to the City.

Waiver of Subrogation

Contractor hereby agrees to waive rights of subrogation which any insurer of Contractor may acquire from Contractor by virtue of the payment of any loss. Contractor agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation. **The Workers' Compensation policy shall be endorsed with a waiver of subrogation in favor of the City of Capitola** for all work performed by the Contractor, its employees, agents and subcontractors.

Verification of Coverage

Consultant shall furnish the City with original certificates and amendatory endorsements affecting coverage by this clause. The endorsements should be on forms provided by the City or on other than the City's forms provided those endorsements conform to City requirements. All certificates and endorsements are to be received and approved by the City before work commences. The City reserves the right to require complete, certified copies of all required insurance policies, including endorsements affecting the coverage required by these specifications at any time.

SECTION 9
Indemnification

For General Services: To the fullest extent permitted by law, Consultant agrees to indemnify, defend, and hold harmless the City, its directors, officers, employees from and against any and all claims, demands, actions, liabilities, damages, judgments, or expenses (including attorneys' fees and costs) arising from the acts or omissions of Consultant's employees or agents in any way related to the obligations or in the performance of services under this Agreement, except for design professional services as defined in Civil Code § 2782.8, and except where caused by the sole or active negligence, or willful misconduct of the City.

For Design Professional Services under Civil Code §2782.8: To the fullest extent permitted by law, Consultant agrees to indemnify, defend, and hold harmless the City, its directors, officers, and employees from and against any and all claims, demands, actions, liabilities, damages, or expenses (including

attorneys' fees and costs) arising from the negligence, recklessness, or willful misconduct of the Consultant, Consultant's employees, or agents in any way related to the obligations or in the performance of design professional services under this Agreement as defined in Civil Code §2782.8, except where caused by the sole or active negligence, or willful misconduct of the City. The costs to defend charged to the Consultant relating to design professional services shall not exceed the Consultant's proportionate percentage of fault per Civil Code §2782.8.and against all claims, damages, losses, and expenses including attorney fees arising out of the performance of the work described herein, caused in whole or in part by any negligent act or omission of the Consultant, Consultant's employees, agents or subcontractors, except where caused by the active negligence, sole negligence, or willful misconduct of the City.

SECTION 10
Civil Rights Compliance/Equal Opportunity Assurance

Every supplier of materials and services and all consultants doing business with the City of Capitola shall be in compliance with the applicable provisions of the Americans with Disabilities Act of 1990, and shall be an equal opportunity employer as defined by Title VII of the Civil Rights Act of 1964 and including the California Fair Employment and Housing Act of 1980. As such, consultant shall not discriminate against any person on the basis of race, religious creed, color, national origin, ancestry, disability, medical condition, marital status, age or sex with respect to hiring, application for employment, tenure or terms and conditions of employment. Consultant agrees to abide by all of the foregoing statutes and regulations.

SECTION 11
Legal Action/Attorneys' Fees

If any action at law or in equity is brought to enforce or interpret the provisions of this Agreement, the prevailing party shall be entitled to reasonable attorney's fees in addition to any other relief to which he or she may be entitled. The laws of the State of California shall govern all matters relating to the validity, interpretation, and effect of this Agreement and any authorized or alleged changes, the performance of any of its terms, as well as the rights and obligations of Consultant and the City.

SECTION 12
Assignment

This Agreement shall not be assigned without first obtaining the express written consent of the Director after approval of the City Council.

SECTION 13
Amendments

This Agreement may not be amended in any respect except by way of a written instrument which expressly references and identifies this particular Agreement, which expressly states that its purpose is to amend this particular Agreement, and which is duly executed by the City and Consultant. Consultant acknowledges that no such amendment shall be effective until approved and authorized by the City Council, or an officer of the City when the City Council may from time to time empower an officer of the City to approve and authorize such amendments. No representative of the City is authorized to obligate the City to pay the cost or value of services beyond the scope of services set forth in Appendix Two. Such authority is retained solely by the City Council. Unless expressly authorized by the City Council, Consultant's compensation shall be limited to that set forth in Appendix Two.

SECTION 14
Miscellaneous Provisions

1. *Project Manager*. Director reserves the right to approve the project manager assigned by Consultant to said work. No change in assignment may occur without prior written approval of the City.

2. *Consultant Service.* Consultant is employed to render professional services only and any payments made to Consultant are compensation solely for such professional services.

3. *Licensure*. Consultant warrants that he or she has complied with any and all applicable governmental licensing requirements.

4. *Other Agreements*. This Agreement supersedes any and all other agreements, either oral or in writing, between the parties hereto with respect to the subject matter, and no other agreement, statement or promise related to the subject matter of this Agreement which is not contained in this Agreement shall be valid or binding.

5. *City Property*. Upon payment for the work performed, or portion thereof, all drawings, specifications, records, or other documents generated by Consultant pursuant to this Agreement are, and shall remain, the property of the City whether the project for which they are made is executed or not. The Consultant shall be permitted to retain copies, including reproducible copies, of drawings and specifications for information and reference in connection with the City's use and/or occupancy of the project. The drawings, specifications, records, documents, and Consultant's other work product shall not be used by the Consultant on other projects, except by agreement in writing and with appropriate compensation to the City.

6. *Consultant's Records*. Consultant shall maintain accurate accounting records and other written documentation pertaining to the costs incurred for this project. Such records and documentation shall be kept available at Consultant's office during the period of this Agreement, and after the term of this Agreement for a period of three years from the date of the final City payment for Consultant's services.

7. *Independent Contractor*. In the performance of its work, it is expressly understood that Consultant, including Consultant's agents, servants, employees, and subcontractors, is an independent contractor solely responsible for its acts and omissions, and Consultant shall not be considered an employee of the City for any purpose.

8. *Conflicts of Interest*. Consultant stipulates that corporately or individually, its firm, its employees and subcontractors have no financial interest in either the success or failure of any project which is, or may be, dependent on the results of the Consultant's work product prepared pursuant to this Agreement.

9. *Notices*. All notices herein provided to be given, or which may be given by either party to the other, shall be deemed to have been fully given and fully received when made in writing and deposited in the United States mail, certified and postage prepaid, and addressed to the respective parties as follows:

CITY	CONSULTANT
CITY OF CAPITOLA	Ben Noble
420 Capitola Avenue	City and Regional Planning
Capitola, CA 95010	bnoble@bnplanning.com
831-475-7300	

By:_____ By:_____
Benjamin Goldstein, City Manager Ben Noble

Dated:_____ Dated:_____

Approved as to Form:

_____
Marc Tran, City Attorney

APPENDIX ONE
Scope of Services

A. Zoning Code Clean-up Support

Consultant will prepare zoning code and General Plan amendments on an as-needed basis. This includes updates for compliance with state law, Housing Element updates, General Plan updates, and revisions to text as necessary. The following steps typically apply to zoning code updates:

1. Background Material Review
Consultant will review background materials relevant to the Zoning Code Amendments, including the adopted Housing Element Update and General Plan.

2. City Staff Conference Calls
Consultant will participate in conference calls with City staff to discuss the Zoning Code and General Plan Amendments.

3. Planning Commission Study Sessions
Consultant will prepare staff reports, presentations, and attend Planning Commission meetings as needed. Meetings may be in person or virtual.

4. Staff Review Draft Amendments
Consultant will prepare Zoning Code and General Plan Amendments as needed. Amendments may include text, figures, and map amendments.

5. Planning Commission Review Draft Amendments
Consultant will prepare draft amendments for Planning Commission and City Council review in advance of meetings in alignment with the required public review process.

6. Planning Commission Hearings
Consultant will prepare staff reports and presentations for City Council.

7. City Council Review Draft Amendments
Consultant will incorporate recommended Planning Commission revisions into the Zoning Code and General Plan Amendments for City Council review.

8. City Council Hearings
Consultant will prepare staff reports and presentations for City Council. Depending on material, consultant will attend the meetings either remotely or in person.

9. Final Adopted Zoning Code Amendments
Consultant will prepare final revisions to the Zoning Code Amendments, if needed, as adopted by the City Council.

10. Coastal Commission Staff Meetings
On an as need basis, consultant will attend virtual meetings with Coastal Commission staff to discuss the Zoning Code and General Plan Amendments.

11. Coastal Commission Version Zoning Code Amendments

Consultant will prepare a version of the adopted Zoning Code and General Plan Amendments in the format required for review and certification by the Coastal Commission.

12. Coastal Commission Certification Support
Consultant will provide support as needed during the Coastal Commission process to review and certify the Zoning Code and General Plan Amendments.

BUDGET
Consultant will bill the City at an hourly billing rate of $175 per hour subject to annual changes in hourly rates. Billings will not exceed $40,000 per year.

APPENDIX TWO
Fees and Payments

Consultant will provide invoices to the City for all services and expenses on a monthly basis. City will endeavor to pay all invoices within 30 days of receipt. The total amount billed by Consultant and paid by City pursuant to this agreement shall not exceed $80,000 during the pendency of this Agreement without written advance authorization from the City.

Consultant hereby represents and warrants, based upon Consultant's independent determination of the time and labor, including overtime, which will be required to perform said services, that Consultant will provide all said services at a cost which will not exceed the maximum price set forth in this agreement for Consultant's services. Consultant hereby assumes the risk that Consultant will perform said services within this maximum price constraint and Consultant acknowledges that its inability to do so shall not excuse completion of the services and shall not provide a basis for additional compensation.

Salary expenses include the actual direct pay of personnel assigned to the project (except for routine secretarial and account services) plus payroll taxes, insurance, sick leave, holidays, vacation, and other fringe benefits. The percentage of compensation attributable to salary expenses includes all of Consultant's indirect overhead costs and fees. For purposes of this Agreement, Consultant's salary expenses and non-salary expenses will be compensated at the rates set forth in the fee schedule attached to this appendix and in accordance with the terms set forth therein. Non-salary expenses include travel, meals and lodging while traveling, materials other than normal office supplies, reproduction and printing costs, equipment rental, computer services, service of subconsultants or subcontractors, and other identifiable job expenses. The use of Consultant's vehicles for travel shall be paid at the current Internal Revenue Service published mileage rate.

Salary payment for personnel time will be made at the rates set forth in the attached fee schedule for all time charged to the project. Normal payroll rates are for 40 hours per week. Consultant shall not charge the City for personnel overtime salary at rates higher than those set forth in the attached fee schedule without the City's prior written authorization.

In no event shall the total fee charged for the scope of work set forth in Appendix One exceed the total budget of $80,000, without specific, written advance authorization from the City.

Payments shall be made monthly by the City, based on itemized invoices from the Consultant which list actual costs and expenses. Such payments shall be for the invoice amount. The monthly statements shall contain the following affidavit signed by a principal of the Consultant's firm:

"I hereby certify as principal of the firm of Ben Noble City and Regional Planning, that the charge of $80,000 as summarized above and shown in detail on the attachments is fair and reasonable, is in accordance with the terms of the Agreement dated August 28, 2026, and has not been previously paid."

RESOLUTION NO. XXXX

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CAPITOLA AUTHORIZING THE CITY MANAGER TO EXECUTE A SOLE-SOURCE PROFESSIONAL SERVICES AGREEMENT WITH BEN NOBLE PLANNING IN AN AMOUNT NOT TO EXCEED $80,000 FOR ON-CALL PLANNING CONTRACT SERVICES FOR TWO YEARS.

WHEREAS, The City of Capitola first established the City of Capitola Purchasing and Procurement policy (Administrative Policy III-4) on August 29, 2002; and

WHEREAS, the City of Capitola's Purchasing and Procurement policy establishes policies and procedures to secure supplies, services, and equipment at the lowest possible cost, maintain financial control over purchases, define authority in the purchasing system, and assure the quality of purchases.

WHEREAS, the City of Capitola's Purchasing and Procurement policy requires three telephone quotes, whenever feasible for purchases between $5,000 - $25,000. The Policy also requires a formal RFP bid procedure for purchases over $25,000.

WHEREAS, the City of Capitola's Purchasing and Procurement policy provides conditions for Sole Source (Section II) purchases of Materials, Supplies & Equipment, and Consultant or General Services that are exempt from the competitive process.

WHEREAS, the City of Capitola's Purchasing and Procurement policy provides that consultant or general services may be selected for follow-up work without solicitations from other firms upon written justification and recommendation of the department head and approval by the City Council in the case where a consulting firm has satisfactorily performed the previous stage of a project or has acquired extensive background and working knowledge.

WHEREAS, Ben Noble Planning provided consultant services on Capitola's General Plan Update, multiple Zoning Code updates, and through this experience has acquired extensive background and working knowledge of the Capitola Planning Division processes and procedures.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Capitola authorizes the City Manager to execute a sole-source professional service agreement with Ben Noble Planning.

I HEREBY CERTIFY that the above and foregoing resolution was passed and adopted by the City Council of the City of Capitola at its regular meeting held on the 27th day of August, 2026, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

_____
Margaux Morgan, Mayor

ATTEST:_____
Julia Gautho, City Clerk

Sole Source Purchases Determination
Ben Noble Planning ● $80,000● August 28, 2026
Planning Contract Services

BACKGROUND: The City of Capitola Purchasing and Procurement Policy (Administrative Policy III-4), requires three telephone quotes whenever feasible for purchases between $5,000 - $25,000. The Policy also requires a formal RFP bid procedure for purchases over $25,000. The policy conditions for Sole Source (Section II) purchases that are exempt from the competitive process.

DISCUSSION: The contract with Ben Noble Planning for Planning Contract Services for Zoning Code and General Plan updates in the amount of $80,000, dated August 28, 2026, is a qualified sole source purchase within the City Administrative Policy III-4 Section II.

Policy Section B1: Materials, Supplies & Equipment:

_____ (a) Definition. Sole source purchases are used where no secondary source is reasonably available precluding the use of a competitive process.

Policy Section B2: Consultant or General Services:

_X_ ___ (a.) In the case where a consulting firm has satisfactorily performed the previous stage of a project (e.g. a pre-design), or has acquired extensive background and working knowledge, the firm may be selected for follow- up work without solicitations from other firm upon written justification and recommendation of the department head and approval by the City Manager or designee.

____(b.) If a firm is a highly recognized authority in a field or specialty, or has unique specific knowledge regarding the project, then the firm may be selected without other solicitations for contracts and upon written justification and recommendation of the department head and approval by the City Manager or designee.

_____(c.) Upon those infrequent occasions when confidence in the consultant and quality of service are important.

Due to Ben Noble's work on Capitola's General Plan update and multiple Zoning Code updates, and his extensive background and working knowledge of Housing Element implementation strategies, staff is recommending the City contract with Mr. Noble to prepare Zoning Code and General Plan amendments consistent with the sole source purchasing policy in Administrative Policy III-4.

_____ _____

Katie Herlihy, Community Development Director Date Jamie Goldstein, City Manager Date

Capitola City Council

Agenda Report

Meeting: August 27, 2026

From: Public Works Department & Community and Economic Development Department

Subject: OPC SB 1 Sea-Level Rise Adaptation Planning Grant

Recommended Action: Authorize staff to submit an application to the Ocean Protection Council's SB 1 Sea-Level Rise Adaptation Planning Grant Program.

Background: In 2017, the City completed a Sea-Level Rise Vulnerability Assessment that evaluated coastal flooding, storm surge, erosion, and other hazards and identified initial adaptation strategies. In 2023, Senate Bill 272 passed, requiring all local jurisdictions within the coastal zone to adopt a sea-level rise adaptation plan by 2034.

On June 26, 2025, the City Council authorized an OPC SB 1 grant application to comprehensively update the 2017 assessment and prepare an adaptation plan consistent with SB 272. OPC did not fund the application, finding the proposed comprehensive update was likely duplicative of the 2017 assessment. However, OPC encouraged the City to pursue targeted updates, concrete implementation steps, and LCP policy development in coordination with Coastal Commission staff.

Discussion: Staff recommends the City submit a revised application that builds on, rather than replaces, the 2017 assessment. Before submitting, staff would meet with Coastal Commission and OPC staff to confirm the remaining technical and policy gaps. The preliminary scope would:

- Identify usable portions of the 2017 assessment and identify where targeted updates are required.
- Complete only the technical work needed to support adaptation and LCP decisions.
- Use community engagement and Tribal consultation to inform priorities and strategies.
- Develop adaptation pathways, triggers, responsible parties, priority projects, planning-level costs, funding options, and monitoring.
- Prepare an adaptation plan and related draft LCP policies or policy framework.

The City would procure qualified consultants after the scope is refined. The selected team could include academic institutions or other specialized partners, but this action would not designate a particular consultant, university, or individual.

The current program allows requests from $200,000 to $1.5 million, has a standard two-year project period, and does not require a local match. Staff recommends authorization to request up to $700,000; the final request may be lower based on agency consultation and consultant cost estimates.

Fiscal Impact: The grant request will fully cover consultant costs associated with the adaptation plan. City staff time for grant administration and coordination will be absorbed within existing workload. No General Fund contribution is anticipated. Having an SB 272-compliant sea-level rise adaptation plan will likely expand future grant funding opportunities for the City.

Attachments:

1. OPC SB 1 Grant Solicitation: https://opc.ca.gov/wp-content/uploads/2023/12/SB1-Grant-Program-Solicitation-508.pdf
2. Preliminary Scope of Work and Budget Framework

Alignment with 2025-2029 Strategic Plan Priority: Community Safety; Economic Opportunity; Healthy Families, Community, and Environment; Sustainable Infrastructure

Report Prepared By: Jessica Kahn, Public Works Director, Katie Herlihy, Community and Economic Development Director

Reviewed By: Julia Gautho, City Clerk

Approved By: Jamie Goldstein, City Manager

Preliminary Scope of Work and Budget Framework
OPC SB 1 Sea-Level Rise Adaptation Planning Grant

Project Purpose

Build on the City's 2017 Vulnerability Assessment through targeted updates, an actionable adaptation plan, and related LCP policy work. The final tasks, deliverables, schedule, and budget will be refined after consultation with Coastal Commission and OPC staff.

Task 1 - Project Management and Gap Analysis

- Administer the grant, procure consultants, and coordinate with OPC, Coastal Commission staff, and other agencies.
- Review existing City and regional work to identify targeted updates and avoid duplication.

Task 2 - Targeted Vulnerability Updates

- Complete limited data collection, mapping, modeling, socioeconomic analysis, or sector-specific work needed to address gaps confirmed through Coastal Commission and OPC consultation and support adaptation and LCP decisions.
- Prepare a targeted update or addendum to the 2017 Vulnerability Assessment rather than replacing the assessment.

Task 3 - Engagement and Adaptation Planning

- Conduct equitable community engagement and meaningful consultation with California Native American tribes.
- Identify priority areas and projects and develop adaptation strategies and pathways tied to scenarios, triggers, and decision points.

Task 4 - Implementation Plan and LCP Policy Framework

- Identify implementation responsibilities, planning-level costs, funding options, and monitoring needs.
- Prepare an adaptation plan identifying implementation responsibilities, planning-level costs, funding options, monitoring needs, and priority next steps. As confirmed through Coastal Commission consultation, prepare related draft LCP policies or a policy framework for public and City Council review.

Consultant, Schedule, and Budget

The City would procure qualified technical and adaptation-planning consultants after agency consultation. The team may include academic institutions or specialized partners, but no consultant, university, or individual is designated by this preliminary scope.

The project would be completed within the standard two-year grant period. The total request would not exceed $700,000 and may be reduced after the scope and consultant cost estimates are refined. No local match is required.

Capitola City Council

Agenda Report

Meeting: August 27, 2026

From: Community Services & Recreation Department

Subject: ECYP Fund Allocation

Recommended Action: Adopt a resolution authorizing an allocation of $40,000 from the Early Childhood and Youth Programming (ECYP) Fund for youth program scholarships for Fiscal Year 2026-27 and approving the corresponding budget amendment to appropriate the funds for this purpose.

Background: The City of Capitola's Community Services & Recreation (CS&R) Department administers a variety of youth recreation programs designed to provide children and families with affordable access to enrichment, recreation, and public safety opportunities. To help ensure that financial circumstances do not prevent participation, the Department maintains a youth scholarship program that provides financial assistance to qualifying families.

Scholarship funding has historically been supported through multiple sources. In FY 2025-26, the City's Early Childhood and Youth Programming (ECYP) Fund contributed $15,000. Additionally, $20,000 of support was provided by Soquel Union Elementary School District (SUESD), and the Junior Guard Parents' Club contributed $6,000. The Capitola Public Safety and Community Service Foundation supports the City's scholarship program by providing volunteer third-party services to review scholarship applications and determine eligibility.

The need for scholarship assistance remains significant. In the past year, the CS&R Department awarded more than $56,000 in scholarships to youth in the community. With the beginning of the new school year, the Department has already received scholarship applications that require processing, but existing scholarship funds have been exhausted.

ECYP funding is derived from a restricted share of the City's Transient Occupancy Tax (TOT) created by Measure J, passed in 2018, and restricted to supporting early childhood and youth. The ECYP Fund currently has a fund balance of $101,000.

Discussion: The City has historically relied on a combination of public and community funding sources to meet the demand for youth program scholarships. Continued support from these partners has been important in allowing the City to maintain affordable and accessible recreation opportunities for local youth.

In prior years, SUESD provided the City with a $20,000 contribution toward youth program scholarships, in addition to a separate $16,000 contribution supporting the City's Equity Swim Program. For FY 2026-27, the City's new ELO-P services agreement with SUESD provides funding for eligible middle school students participating in expanded learning services. In addition, this agreement continues to provide $16,000 for the Equity Swim Program. While the new ELO-P agreement provides important support for eligible middle school students, it does not replace the $20,000 scholarship grant previously provided. As a result, a scholarship funding gap remains for elementary school students, who previously benefited from this support.

The Department is therefore requesting the City Council allocate $40,000 from the ECYP Fund to provide youth program scholarships during FY 2026-27. The additional funding will allow the Department to process current scholarship applications and continue providing financial assistance to eligible youth throughout the fiscal year.

The Department will continue to pursue community donations and other appropriate funding opportunities to support youth scholarships. The $6,000 contribution from the Junior Guards Parents' Club in the prior

fiscal year was specifically used to support Junior Guards participants and was fully utilized, providing scholarship assistance to 31 youth participants. The Parents' Club has indicated that it intends to contribute to the scholarship fund again this fiscal year and is currently discussing the specific amount with its Board. Any additional contribution will help further offset the demand for scholarship assistance during FY 2026-27.

Fiscal Impact: The ECYP Fund balance is $101,000. The proposed action to allocate $40,000 from the ECYP Fund for youth program scholarships during FY 2026-27 would leave a fund balance of $61,000. The FY 2026-27 budget includes an estimated $62,000 of ECYP revenue and $60,000 of ECYP community grants.

Attachments:

1. Resolution Authorizing FY 2026-2027 Youth Program Scholarship Allocation and Amending FY 2026-27 Budget
    a. Budget Amendment

Alignment with 2025-2029 Strategic Plan Priority: Accountable Government; Healthy Families, Community, and Environment

Report Prepared By: Nikki Bryant, Community Services & Recreation Director

Reviewed By: Julia Gautho, City Clerk; Jim Malberg, Administrative Services Director

Approved By: Jamie Goldstein, City Manager

RESOLUTION NO. _____

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CAPITOLA AMENDING THE 2026-27 FISCAL YEAR CITY BUDGET

WHEREAS, it is necessary to adopt the 2026-27 Fiscal Year Budget for all City funds; and

WHEREAS, the City Council conducted budget study sessions, heard and considered public comments, had modified and proposed a budget accordingly, and on June 11, 2026, adopted such budget for the Fiscal Year July 1, 2026, through June 30, 2027; and

WHEREAS, since the adoption of the FY 2026-27 Budget staff has identified a need for $40,000 of additional Early Childhood and Youth Program (ECYP) scholarship funding; and

WHEREAS, the ECYP restricted revenue fund currently has approximately $90,000 available funding restricted for youth programs; and

WHEREAS, it is necessary to amend the FY 2026-27 Budget to appropriate $40,000 of ECYP funding for youth scholarships; and

NOW, THEREFORE, BE IT HEREBY RESOLVED by the City Council of the City of Capitola that the 2026-27 Fiscal Year Budget is hereby amended, including Exhibit A (Budget Amendment) to this Resolution; and

BE IT FURTHER RESOLVED that the Administrative Services Director is directed to enter the budget into the City's accounting records in accordance with appropriate accounting practices, and the City Manager, with the Administrative Services Director's assistance, shall assure compliance therewith.

I HEREBY CERTIFY that the foregoing Resolution was passed and adopted by the City Council of the City of Capitola on the 27th day of August 2026, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

_____
Margaux Morgan, Mayor

ATTEST:

_____
Julia Gautho, City Clerk

Budget Adjustment Request

Date
08/18/2026

Requesting Department *
Community Services & Recreation

Type of Adjustment
- ○ Administrative
- ◉ Council

Item #

Council Date
Aug. 27, 2029

Council Approval

Revenues

Account Number	Account Description	Increase/Decrease
1000-50-50-515-3910.305	Interfund Trns in - Restrict TOT	$5,000.00
1000-50-50-520-3910.305	Interfund Trns in - Restrict TOT	$5,000.00
1000-50-50-540-3910.305	Interfund Trns in - Restrict TOT	$15,000.00
1000-50-50-545-3910.305	Interfund Trns in - Restrict TOT	$15,000.00

Total Revenues
$40,000.00

Expenditures

Account Number	Account Description	Increase/Decrease
1305-00-00-000-4910.100	Interfund Trans Out - GF	$40,000.00

Total Expenditures
$40,000.00

Net Impact
$0.00

Purpose
Transfer $40,000 of Restricted Early Childhood and Youth Program funds to recreation youth program scholarships.

Department Head Approval

Nikki Bryant

Finance Director Approval

Jim Malberg

City Manager Approval

Jamie Goldstein

Action History (all history times shown in Pacific Standard Time)

Submit	by Jim Malberg 8/18/2026 4:01:20 pm (Budget Amendment Request Submitted)
Approve	by Nikki Bryant 8/18/2026 4:04:13 pm (Routed to Rec) • The task was assigned to Nikki Bryant 8/18/2026 4:01:20 pm
Approve (send to CM for approval)	by Jim Malberg 8/18/2026 4:05:07 pm (Routed to Finance Director) • Jim Malberg assigned the task to Jim Malberg 8/18/2026 4:05:00 pm • The task was assigned to Jim Malberg & Luis Ruiz 8/18/2026 4:04:13 pm
Approve (return to Finance for processing)	by Jamie Goldstein 8/21/2026 2:23:54 pm (Routed to CM for final approval) • The task was assigned to Jamie Goldstein 8/18/2026 4:05:07 pm

Capitola City Council

Agenda Report

Meeting: August 27, 2026

From: City Manager Department

Subject: Fifth Public Hearing To Receive Community Input and Adopt an Ordinance Transitioning to District-Based Elections

Recommended Action: 1) Conduct a **time-certain duly noticed public hearing at 6:15 PM** to receive community input; and 2) Adopt an ordinance of the City of Capitola amending Chapter 2.04 of Title 2 of the Capitola Municipal Code to provide for the election of City Council Members by four districts with an elected mayor; establish district boundaries and election order for each district; and make other amendments.

Background: On April 30, 2026, the City Council adopted Resolution No. 4482, outlining its intention to transition from at-large to district elections, specific steps it will undertake to facilitate the transition, and an estimated timeframe for doing so.

On May 14, 2026, the City Council received an informational presentation about the topic of districting. On May 28, 2026, and June 11, 2026, the City Council held public hearings, at which the public was invited to provide input regarding the composition of the districts. On June 11, 2026, the City Council provided direction to compose maps containing four districts, with a Citywide elected Mayor to serve a two-year term beginning in 2028.

On June 17, 2026, the City released three draft boundary maps on the City website for community consideration. On June 20, 2026, the City held a public outreach meeting to solicit further community input on the proposed maps. At a public hearing held on June 25, 2026, at 6:15 PM, the public was invited to provide further input regarding the content of the draft maps that had been released at least seven (7) days before the meeting. At a public hearing held on July 23, 2026, the public was invited to provide further input regarding the content of the draft maps that had been released at least seven (7) days before the meeting and the City Council selected Map No. 412 to be included in the draft ordinance, and selected District 3 to be included on the ballot in 2028.

The purpose of the August 27th public hearing is to adopt the proposed ordinance transitioning the City to district-based elections. All draft maps and the accompanying population and demographic data are available on the City's website: https://www.cityofcapitola.gov/1001/District-Based-Elections

Discussion: Tonight's public hearing completes the five public hearings required by Elections Code Section 10010. At the public hearing on June 11, 2026, the City Council provided direction to draft an ordinance that would establish an elected mayor with four city council member districts. Further, the City Council also directed the ordinance be drafted so that the elected mayor would have a 2-year term and be first elected at the November 2028 general municipal election. On July 23rd, the Council selected Map 412 and determined that the sequencing for the election of city council members must follow this pattern:

2028	Elected Mayor + District 3
2030	Elected Mayor + Districts 1, 2, 4

This sequencing may be rebalanced after adoption of the ordinance pursuant to Government Code Section 34906, if the City Council so chooses.

Public Outreach: The transition to districts requires significant public outreach, and staff has initiated efforts to make sure that the public is informed throughout the process.

- Staff created and maintained a dedicated webpage for district elections. The website is updated with all information, documents (like staff reports/presentations from Council meetings), and a section with meeting video footage and a brief summary of actions taken: https://www.cityofcapitola.gov/1001/District-Based-Elections
    - A subpage is available for access to the public mapping tool provided by NDC, including access to the printable PDF map for public use: https://www.cityofcapitola.gov/1006/Draw-a-Map
    - A subpage is available for access to map submissions received from the public and the demographer: https://www.cityofcapitola.gov/1009/Map-Submissions
    - The City's entire website is translatable into multiple languages, ensuring accessibility for non-English speaking residents.
    - Staff developed four frequently asked questions (FAQ) documents: one for general district questions, one specifically tailored to the discussion about number of districts and the differences between an at-large mayor and rotating mayor, one for questions received in May, and one for questions received in June.
- Staff created a dedicated email address where members of the public can submit questions, comments, or send maps: districts@cityofcapitola.gov
- Staff created a web form where members of the public can submit questions about the transition to districts. A link to the web form is available on the City's webpage: https://www.cityofcapitola.gov/1008/Submit-Questions-Comments
- Staff sent out two mailers to residences in Capitola. The mailers included information about opportunities for input, meeting dates, and how to participate in both English and Spanish.
- To date, the City has discussed the topic of districting eight times and received the following public input:
    - April 23rd City Council Meeting: 2 emails, 4 speakers
    - April 30th City Council Meeting: 8 emails, 8 speakers
    - May 14th City Council Meeting: 1 email, 3 speakers
    - May 28th City Council Meeting: 7 emails, 5 speakers
    - June 11th Public Outreach Meeting/Q&A Session: approximately 25 attendees
    - June 11th City Council Meeting: 16 emails, 7 speakers
    - June 20th Public Outreach Meeting: 6 attendees
    - June 25th City Council Meeting: 2 emails, 7 speakers
    - July 23rd City Council Meeting: 6 emails, 1 speaker

Fiscal Impact: There is no fiscal impact associated with the recommended action.

Attachments:

1. Ordinance

Alignment with 2025-2029 Strategic Plan Priority: Accountable Government

Report Prepared By: Julia Gautho, City Clerk

Reviewed By: Marc Tran, City Attorney

Approved By: Jessica Kahn, Acting City Manager

ORDINANCE NO. 1076

AN ORDINANCE OF THE CITY OF CAPITOLA, CALIFORNIA, AMENDING CHAPTER 2.04 OF TITLE 2 OF THE CAPITOLA MUNICIPAL CODE TO PROVIDE FOR THE ELECTION OF CITY COUNCIL MEMBERS BY FOUR DISTRICTS WITH AN ELECTED MAYOR; ESTABLISH DISTRICT BOUNDARIES AND ELECTION ORDER FOR EACH DISTRICT; AND MAKE OTHER AMENDMENTS CONSISTENT WITH THE FOREGOING

WHEREAS, the City of Capitola ("City") currently elects members of the City Council using an "at-large" election system and the City Council then appoints one of its members to serve as Mayor;

WHEREAS, the City received a certified letter from a potential plaintiffs' attorney, alleging a violation of the California Voting Rights Act ("CVRA") and threatening litigation if the City declines to voluntarily change to a by-district based election system for electing members of the City Council;

WHEREAS, while the City Council denies that its at-large election system violates the CVRA or any other provision of law, the City Council determined that the public interest is better served by initiating a process for transition to a district-based election system and thereby avoiding the high costs associated with defending a lawsuit under the CVRA;

WHEREAS, Government Code Section 34886, in certain circumstances, permits the City Council to adopt an ordinance changing the system of elections for members of the City Council from an "at-large" election system to a "by district" election system with the Mayor directly elected at-large;

WHEREAS, Elections Code Section 10010 provides a method whereby a jurisdiction can expeditiously transition to a district-based election system and thereby avoid the high cost of litigation under the CVRA if the jurisdiction complied with the "safe harbor" provisions of Elections Code Section 10010;

WHEREAS, on April 30, 2026, pursuant to Elections Code Section 10010, the City Council adopted a Resolution of Intention to transition to district-based elections;

WHEREAS, pursuant to Elections Code Section 10010(a)(1), the City Council held duly noticed public hearings for the purposes of receiving public testimony regarding the transition to district-based elections, including, without limitation, the composition of communities of interest on May 28, 2026, and June 11, 2026;

WHEREAS, pursuant to Elections Code Section 10010(a)(2), the City Council held duly noticed public hearings concerning the transition to by district elections, including, without limitation, the content of draft district maps and the proposed sequencing of elections on June 25, 2026, and July 23, 2026, and further, the draft maps considered at each public hearing were posted at least seven days before each respective public hearing;

WHEREAS, at the July 23, 2026, regular meeting, at the conclusion of the duly noticed public hearing, the City Council selected and attached district map number 412 to this Ordinance as Exhibit A ("Selected District Map"); selected the election sequence to be included in this Ordinance; and, further, introduced this Ordinance for a first reading at that time with a public

hearing, second reading, and adoption scheduled to take place on August 27, 2026;

WHEREAS, throughout the foregoing process, the City engaged in public outreach and engagement required by California Elections Code Section 10010 and those applicable portions of the Fair and Inclusive Redistricting for Municipalities and Political Subdivisions ("Fair Maps") Act;

WHEREAS, such outreach included, but is not limited to, maintaining a City website dedicated to the process of transitioning from at-large elections to by-district elections, regularly notifying residents of meetings and posting notices about the public hearings to discuss the districting process;

WHEREAS, in selecting the map, the City Council considered the criteria set forth in Elections Code Section 21130 of the Fair Maps Act and is adopting district boundaries in accordance with the provisions stated therein, as well as the federal Voting Rights Act, the California Voting Rights Act, the U.S. Constitution, and the California Constitution;

WHEREAS, the Selected District Map meets all the requirements of state and federal law and was posted on the City's website for public consideration at least seven (7) days before the introduction of this Ordinance;

WHEREAS, on August 27, 2026, the City Council held a duly noticed public hearing concerning this Ordinance, the Selected District Map, and the transition to by-district elections;

WHEREAS, pursuant to Government Code Section 34886, the change in method for electing members of the City Council is made in furtherance of the purposes of the California Voting Rights Act of 2001 (Elections Code Section 14025 *et seq*.);

WHEREAS, based upon the foregoing, the City Council now desires to adopt an ordinance changing the system of elections for members of the City Council from an at-large election system to a by-district election system; and changing from an appointed Mayor to a Mayor directly elected at-large;

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF CAPITOLA DOES HEREBY ORDAIN AS FOLLOWS:

Section 1. Recitals. The City Council of the City of Capitola finds and declares that the Recitals set forth above are true and correct and are incorporated herein by this reference.

Section 2. California Environmental Quality Act. Adoption of this Ordinance is exempt from environmental review as the adoption of this Ordinance does not qualify as a "project" pursuant to Public Resource Code Section 21065 and CEQA Guidelines Sections 15320, 15378 and 15061(b)(3) since it can be seen with certainty that there is no possibility that adoption of this Ordinance would cause either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment.

Section 3. Amendment to Section 2.04.010(A). Subsection A of Section 2.04.010 of Subchapter I of Chapter 2.04 of Title 2 of the Capitola Municipal Code is hereby amended in its entirety as follows:

Elective. The elective offices of the City of Capitola are the City Council Members.

Beginning with the general municipal election in November 2028, the elective offices of the City of Capitola shall include the Mayor.

Section 4. New Section 2.04.105. Section 2.04.105, entitled "Election of Mayor", is hereby added to Subchapter IV of Chapter 2.04 of Title 2 of the Capitola Municipal Code as follows:

Section 2.04.105 Election of Mayor

A. Commencing with the general municipal election in November 2028 and every 2 years thereafter, the Mayor shall be elected at-large by a majority of the electors of the City of Capitola.

B. The Mayor shall serve a term of two years.

Section 5. New Section 2.04.106. Section 2.04.106, entitled "City Council elected by district", is hereby added to Subchapter IV of Chapter 2.04 of Title 2 of the Capitola Municipal Code as follows:

Section 2.04.106 City Council elected by district.

A. Purpose.

The City Council of the City of Capitola hereby declares that the change of method of electing members of this City Council, hereby enacted, is being made in furtherance of the California Voting Rights Act.

B. Applicability.

This section shall only apply to the election of City Council Members, but shall not apply to the election of the Mayor. The Mayor shall instead be elected pursuant to Section 2.04.105.

C. Election of City Council Members by district.

(1) Four City Council districts are hereby established in the City of Capitola. The district boundaries and identifying number of each district shall be as provided in Section 2.04.106(D).

(2) Following the effective date of this section and upon the commencement of "by district" elections pursuant to Section 2.04.106(E), City Council Members, other than the Mayor, shall be elected "by district" as defined by California Government Code Section 34871, or any successor statute, meaning one City Council Member shall be elected from each district by the voters of that district alone, and shall serve a four-year term.

(3) A City Council Member elected or appointed to represent a district must reside in that district and be a registered voter in that district, and any candidate for City Council (other than Mayor) must reside in, and be a registered voter in, the district in which he or she seeks

election at the time nomination papers are issued.

(4) Registered voters signing nomination papers or voting for a City Council Member shall be residents of the geographical area making up the district from which such City Council Member is to be elected.

D. Adoption and amendment of City Council district boundaries.

(1) All City Council Members shall be elected on a by-district basis from the City Council districts shown and numbered on the City Council District Map in Exhibit "A" of Ordinance No. 1076 and on file in the City Clerk's Office, which is hereby adopted and incorporated herein by this reference.

(2) Pursuant to Elections Code Section 21600 et seq., the City Council district boundaries described in Section 2.04.106(D)(1) shall be adjusted after each federal decennial census to ensure the districts comply with all applicable law.

E. Commencement of by district elections.

(1) The by district system of elections provided in this section shall be implemented as follows:

(i) Commencing with the general municipal election in November 2028 and every four years thereafter, the voters in district 3 shall elect a City Council Member for a full four-year term.

(ii) Commencing with the general municipal election in November 2030 and every four years thereafter, the voters in districts 1, 2, and 4 shall elect City Council Members for full four-year terms.

(2) Notwithstanding any other provision of this section, all City Council Members in office at the time this section takes effect shall continue in office until the expiration of the at-large term to which they were elected.

Section 6. Amendment to Section 2.04.150. Section 2.04.150 of Subchapter I of Chapter 2.04 of Title 2 of the Capitola Municipal Code is hereby retitled and amended in its entirety as follows:

Section 2.04.150 Selection of the Vice Mayor.

A. Each year the City Council shall select a Vice Mayor. During years with a general election, such selection shall be made at the meeting at which the declaration of the election results for a general municipal election is made. During years without a general election, such selection shall be made approximately one year after the prior selection.

B. The Vice Mayor may be replaced if at least three Council Members vote for the removal of the Vice Mayor, at a noticed City Council meeting.

Section 7. Severability. The City Council hereby declares every section, paragraph, sentence, cause, and phrase of this ordinance is severable. If any section, paragraph, sentence, clause, or phrase of this ordinance is for any reason found to be invalid or unconstitutional, such invalidity or unconstitutionality shall not affect the validity or constitutionality of the remaining sections, paragraphs, sentences, clauses, or phrases.

Section 8. Effective Date. This ordinance shall take effect thirty (30) days after its passage by the City Council.

Section 9. Certification. The City Clerk shall cause this ordinance to be posted and/or published in the manner required by law.

This Ordinance was introduced at the meeting of the City Council on the 23rd day of July, 2026, and was adopted at a regular meeting of the City Council on the 27th day of August, 2026, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

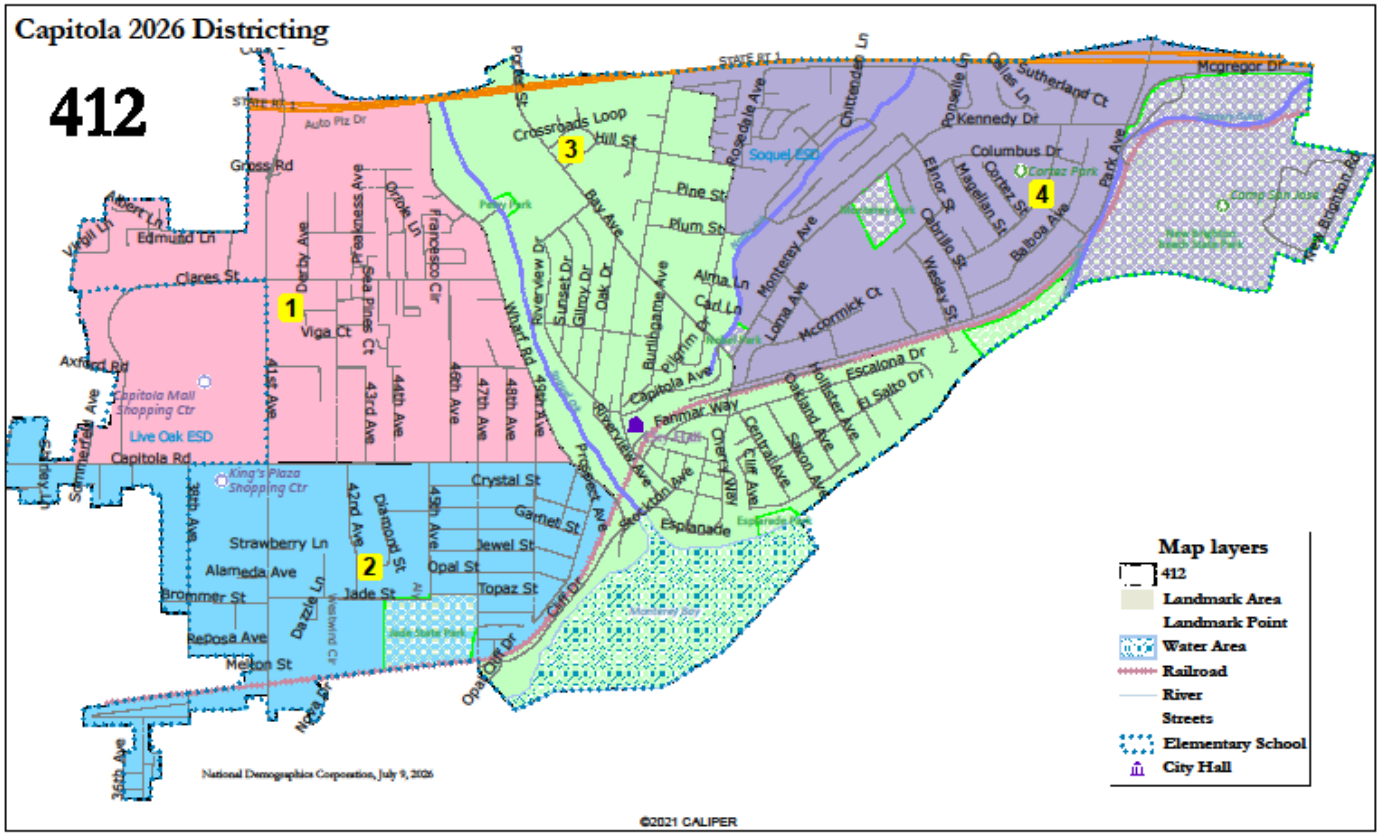
_____
Margaux Morgan, Mayor

ATTEST: _____
Julia Gautho, City Clerk

APPROVED AS TO FORM:

_____
Marc Tran, City Attorney

EXHIBIT A
COUNCIL DISTRICT MAP



TRANSITION TO DISTRICTS PUBLIC HEARING #5

August 27, 2026, 6:15 PM

Recommended Action

1) Conduct a public hearing to discuss proposed district ordinance;
2) Receive community input;
3) Adopt the proposed ordinance.

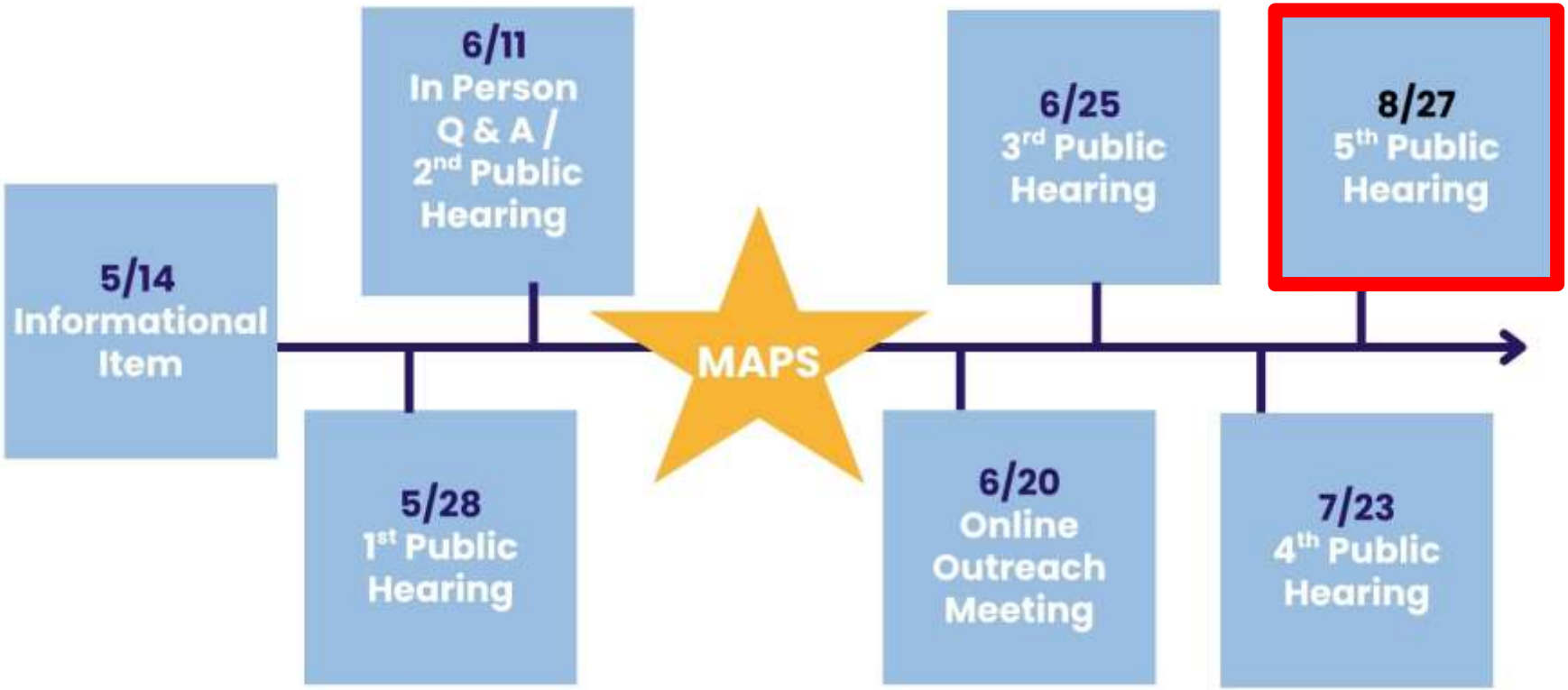
Districting Background To Date

- City receives letter alleging violation (3/19)
- Adopted resolution of intent (4/30)
- Hired NDC as demographer (4/30)
- Launched website (4/27)
  - Q&A
  - Mapping tool
- Mailers (5/22 & 6/18)
- Informational meeting (5/14)
- First Public Hearing (5/28)
- In Person Community Q & A + Second PH (6/11)
- Community Outreach Meeting (6/20)
- Third Public Hearing (6/25)
- Fourth Public Hearing (7/23)

Public Outreach

- Website updates
  - General Districting Info
  - Public Mapping Tool
  - Submit Questions/Comments
  - Map Submissions
- FAQ documents – Four published to date
- Dedicated email address: districts@cityofcapitola.gov
- Direct mailers to residences of Capitola – two sent

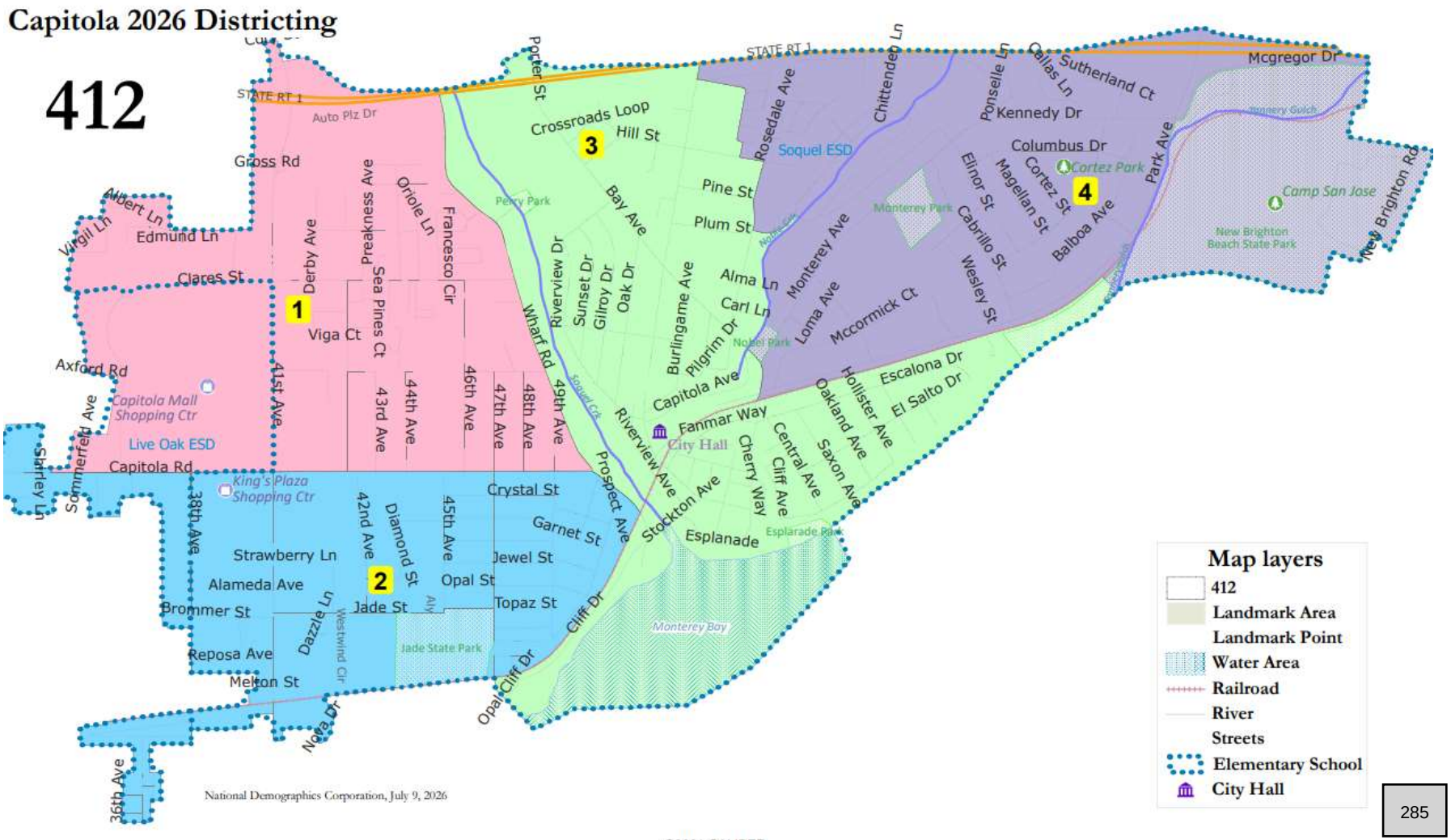
Total Meeting Timeline



Public Input To Date

- Input at Council Meetings:
  - 4/23: 2 emails, 4 speakers
  - 4/30: 8 emails, 8 speakers
  - 5/14: 1 email, 3 speakers
  - 5/28: 7 emails, 5 speakers
  - 6/11: 16 emails, 7 speakers
  - 6/25: 2 emails, 7 speakers
  - 7/23: 7 emails, 1 speaker
- Public Map Submissions
  - 12* as of 7/23 (*5 not considered)
- Questions/Comments Submitted Via Form
  - 11 total as of 7/23

Map


Capitola 2026 Districting
412
1
2
3
4
STATE RT 1
Auto Plz Dr
Gross Rd
Albert Ln
Virgil Ln
Edmund Ln
Clares St
Derby Ave
Oriole Ln
Francesco Cir
Freemans Ave
Sea Pines Ct
Viga Ct
Axford Rd
Capitola Mall Shopping Ctr
Live Oak ESD
Capitola Rd
King's Plaza Shopping Ctr
Shirley Ln
Somerfield Ave
41st Ave
43rd Ave
44th Ave
46th Ave
47th Ave
48th Ave
49th Ave
38th Ave
42nd Ave
45th Ave
Diamond St
Crystal St
Garnet St
Jewel St
Opal St
Topaz St
Strawberry Ln
Alameda Ave
Brommer St
Jade St
Dazzle Ln
Westwind Cir
Reposa Ave
Melton St
Jade State Park
Cliff Dr
Opal Cliff Dr
Nova Dr
36th Ave
Monterey Bay
Porter St
Crossroads Loop
Hill St
Pine St
Plum St
Bay Ave
Perry Park
Riverview Dr
Sunset Dr
Gilroy Dr
Oak Dr
Wharf Rd
Soquel Creek
Burlingame Ave
Alma Ln
Carl Ln
Pilgrim Dr
Capitola Ave
Fanmar Way
City Hall
Riverview Ave
Prospect Ave
Stockton Ave
Esplanade
Esplanade Park
Cherry Way
Cliff Ave
Central Ave
Saxon Ave
Oakland Ave
Hollister Ave
Escalona Dr
El Salto Dr
Rosedale Ave
Soquel ESD
Chittenden Ln
Ponselle Ln
Callas Ln
Sutherland Ct
Mcgregor Dr
Kennedy Dr
Columbus Dr
Cortez Park
Monterey Park
Noble Park
Monterey Ave
Loma Ave
Mccormick Ct
Elinor St
Cabrillo St
Magellan St
Cortez St
Balboa Ave
Wesley St
Park Ave
Rosedale Gulch
Camp San Jose
New Brighton Beach State Park
New Brighton Rd
Map layers
412
Landmark Area
Landmark Point
Water Area
Railroad
River
Streets
Elementary School
City Hall
National Demographics Corporation, July 9, 2026
©2021 CALIPER

Sequencing

Election Year	On Ballot	Post-Election
2028	• Mayor (At Large, 2 Years) • District 3 (4 Year Term)	• Mayor (At Large) • District 3 Council Member • 3 At Large Council Members
2030	• Mayor (At Large, 2 Years) • District 1 (4 Year Term) • District 2 (4 Year Term) • District 4 (4 Year Term)	• Mayor (At Large) • District 1 Council Member • District 2 Council Member • District 3 Council Member • District 4 Council Member

Future Projects

- Residency Procedure/Policy - In Progress, August 2026
- Council Vacancy Procedure/Policy - Winter/Spring 2027
- Advisory Body Appointment Procedure – Summer 2027
- Term Limits (voter approval needed) - Spring/Summer 2028

Recommended Action

1) Conduct a public hearing to discuss proposed district ordinance;
2) Receive community input;
3) Adopt the proposed ordinance.

Capitola City Council

Agenda Report

Meeting: August 27, 2026

From: Public Works Department

Subject: Agreement with the RTC for the Capitola Trestle Assessment

Recommended Action: Authorize the City Manager to execute a Cooperative Agreement with the Santa Cruz County Regional Transportation Commission (RTC) for the Capitola Trestle Assessment.

Background: The Capitola Trestle is owned by the Santa Cruz County Regional Transportation Commission (RTC) and spans Soquel Creek within the Santa Cruz Branch Rail Line corridor in the City of Capitola. The purpose of the proposed assessment is to provide updated technical information regarding the existing condition of the structure and evaluate potential rehabilitation or retrofit alternatives.

In 2021, the RTC commissioned a conceptual study (Attachment 2) evaluating the potential conversion of the Capitola Trestle for pedestrian and bicycle use. While that study concluded that repurposing the structure may be feasible, it also identified several significant information gaps, including the need for updated structural inspections, geotechnical investigations, seismic evaluation, and planning-level retrofit recommendations before future decisions could be made.

On May 21, 2026, the City Council passed a motion requesting the RTC reprogram up to $200,000 in previously awarded Regional Surface Transportation Program Exchange (RSTPX) funds from the Bay Avenue Corridor Project to support preliminary planning and feasibility work for the Capitola Trestle. Council also acknowledged that a future agreement with the RTC would be required to establish the roles, responsibilities, and implementation of the assessment.

On June 11, 2026, the RTC approved the City's request to reprogram the funding, shifting $200,000 from the Bay Avenue Corridor Final Design project to planning and feasibility work associated with the Capitola Trestle.

On August 6, 2026, the RTC approved the proposed Cooperative Agreement with the City of Capitola establishing the roles and responsibilities for completion of the Capitola Trestle Assessment.

Discussion: The Capitola Trestle Assessment will provide the technical information necessary to evaluate the existing condition of the structure, identify feasible rehabilitation or retrofit alternatives, and support future policy decisions regarding the structure.

The proposed Cooperative Agreement establishes the respective responsibilities of the City and RTC for completion of the assessment. Under the agreement, the City will serve as the project sponsor and implementing agency and will be responsible for project management, technical direction, review and acceptance of deliverables, and determining how the assessment results will inform future City consideration. The RTC will administer the consultant task order through its existing on-call engineering consultant contract, process consultant invoices, and provide contract administration, technical review, and project coordination.

The scope of work includes:

- Review of previous studies and available bridge information;
- Updated structural condition assessment;
- Geotechnical investigation, as necessary;
- Preliminary seismic evaluation;
- Evaluation of rehabilitation and retrofit alternatives;

- Planning-level construction cost estimates;
- Technical memorandum summarizing findings and recommendations; and
- Presentation of the assessment results to the City Council.

The assessment is anticipated to be completed approximately four months following issuance of the consultant Notice to Proceed.

The Cooperative Agreement is limited to completion of the Capitola Trestle Assessment and associated planning work. Approval of the agreement does not authorize or commit either the City or the RTC to environmental review, final design, right-of-way acquisition, construction, funding, operation, maintenance, or conversion of the Capitola Trestle. Rather, the assessment is intended to provide the technical basis for future policy decisions regarding the Trestle structure.

The agreement also establishes each agency's responsibilities for implementation of the assessment, authorizes use of the previously reprogrammed RSTPX funds, and includes mutual indemnification provisions between the City and RTC.

Approval of the Cooperative Agreement will allow the RTC to issue the consultant task order and initiate the Capitola Trestle Assessment.

Fiscal Impact: The Capitola Trestle Assessment will be funded with previously programmed Regional Surface Transportation Program Exchange (RSTPX) funds administered by the RTC. The Cooperative Agreement authorizes the RTC to expend up to $200,000 for consultant services and eligible contract administration costs. No additional City funding or General Fund appropriation is required.

Attachments:

1. Cooperative Agreement between the City of Capitola and the Santa Cruz County Regional Transportation Commission for the Capitola Trestle Assessment
2. https://www.sccrtc.org/wp-content/uploads/2025/02/Submittal_Capitola-RR-Bridge-Conceptual-Repurposing-Study-Rev-1.pdf

Alignment with 2025-2029 Strategic Plan Priority: Sustainable Infrastructure; Healthy Families, Community, and Environment

Report Prepared By: Jessica Kahn, Public Works Director

Reviewed By: Julia Gautho, City Clerk; Marc Tran, City Attorney

Approved By: Jamie Goldstein, City Manager

EXHIBIT A

COOPERATIVE AGREEMENT

This AGREEMENT is entered into by and between the CITY OF CAPITOLA, a California municipal corporation ("CITY"), and the Santa Cruz County Regional Transportation Commission ("RTC"). CITY and RTC may be referred to individually as a "PARTY" and collectively as the "PARTIES."

1. Purpose

The purpose of this COOPERATIVE AGREEMENT is to define roles and responsibilities for advancing planning support and feasibility work associated with the Capitola Trestle Planning and Feasibility Seismic Assessment ("WORK"). The WORK is intended to inform potential options, costs, constraints, risks, and next steps related to possible future rehabilitation, retrofit, repair, repurposing, or replacement of the existing freight rail facility, including the five bridges that make up the Capitola Trestle and cross Soquel Creek, for potential multi-use bicycle and pedestrian trail purposes. This AGREEMENT does not approve, direct, or commit either PARTY to any future conversion, final design, construction, funding, operation, or maintenance of the Capitola Trestle.

2. Background

A. In June 2026, RTC approved a request from CITY to reprogram previously awarded Regional Surface Transportation Program Exchange (RSTPX) funds to support planning and feasibility work associated with the Capitola Trestle, referred to in this AGREEMENT as the WORK.

B. A prior study related to repurposing the Capitola Trestle for a multi-use bicycle and pedestrian bridge was completed in 2021 and informed the scope of work for additional planning studies and feasibility work.

C. RTC maintains consultant on-call resources capable of supporting planning support and feasibility work, including technical and engineering studies.

D. CITY desires to use RTC's on-call engineering consultant contract to perform the WORK. The PARTIES intend that CITY will serve as the project sponsor and implementing agency for the WORK, and that RTC will administer the consultant contract and provide limited contract facilitation and supporting review as described in this AGREEMENT.

3. Scope of Work and Deliverables

A. The scope of work agreed to by both PARTIES to complete the planning support and feasibility work associated with the Capitola Trestle is described in Exhibit A, which is attached hereto and incorporated herein.

B. RTC shall cause Mark Thomas, or any successor consultant retained by RTC for the WORK, to perform Exhibit A, the Scope of Work.

C. RTC will issue and administer the consultant task order for the WORK under RTC's on-call engineering consultant contract, consistent with RTC procurement and contract administration requirements. RTC shall incorporate into its task order with Mark Thomas all requirements of this AGREEMENT applicable to the performance of the WORK, including, without limitation, the Scope of Work, schedule, record retention requirements, ownership and use of work product, confidentiality obligations, insurance requirements, audit requirements, and compliance with applicable laws.

D. Although the consultant task order will be administered through RTC's on-call contract, CITY is responsible for implementing the WORK and for managing the technical content, project direction, review, verification, and acceptance of deliverables, in coordination with RTC's designated contract administrator.

E. The WORK is planning and feasibility work only. The WORK does not include environmental clearance, final design, construction documents, right-of-way acquisition, construction, operations, maintenance, or any commitment to pursue future project phases unless separately approved by the PARTIES.

4. Funding

A. RTC agrees to expend up to $200,000 in reprogrammed RSTPX funds approved by RTC in June 2026 for the WORK, including consultant task order costs and actual RTC contract administration and project facilitation costs incurred under this AGREEMENT.

B. The PARTIES intend that up to ten percent (10%) of the total programmed amount be available for RTC contract administration and project facilitation. This amount is a budgetary allowance only. It is not an automatic fee, fixed charge, off-the-top allocation, or guaranteed payment to RTC. RTC may charge against this allowance only for actual and reasonable costs directly attributable to administration, facilitation, and limited supporting review of the WORK under this AGREEMENT. Eligible costs shall be limited to documented RTC staff labor at RTC’s established labor billing rates applicable to the employee performing the eligible activities and direct administrative expenses incurred for administration and facilitation of the consultant contract, processing and payment of consultant invoices, coordination and facilitation of consultant services, limited supporting review of deliverables, responding to project questions, limited support for City Council presentations and other CITY approval processes, and project-related communications. RTC’s established labor billing rates include employee salary, benefits, payroll taxes, and allocable indirect costs included in RTC’s approved labor billing rate methodology. RTC shall maintain contemporaneous records supporting all charges, including employee time records identifying the individual performing the work, date, hours worked, hourly rate, and description of services performed. Upon CITY’s reasonable request, RTC shall provide documentation supporting such charges. General

agency activities, legislative activities, and other activities not directly related to the WORK shall not be eligible for reimbursement under this AGREEMENT.

C. No transfer of cash funds between the PARTIES is contemplated under this AGREEMENT. RTC shall administer the programmed funds directly through RTC's on-call consultant agreement and through actual RTC labor charges incurred for contract administration and project facilitation under this AGREEMENT.

D. If RTC anticipates that the consultant task order costs and actual RTC contract administration and project facilitation costs will exceed the $200,000 programmed amount, RTC will promptly notify CITY. No PARTY is obligated to incur or reimburse costs above the programmed amount unless this AGREEMENT is amended in writing or additional funding is approved by the appropriate PARTY.

E. Any unexpended programmed funds remaining after completion of the WORK, payment of eligible consultant costs, and payment of documented and eligible RTC costs authorized under 4(B) may be available to CITY for other eligible purposes after approval by RTC.

F. The WORK does not use RTC-administered regional Measure D funds unless this AGREEMENT is amended to provide otherwise.

5. Roles and Responsibilities

Joint Responsibilities

A. PARTIES will coordinate to support timely completion of the WORK, timely review of deliverables, and prompt communication of schedule risks or changes as soon as they are identified.

B. PARTIES will cooperate in good faith to provide available records, background materials, and information reasonably needed to complete the WORK.

CITY Responsibilities

A. CITY is the PROJECT SPONSOR for the WORK, which is defined as the PARTY responsible for establishing the project description, approving the scope of work, securing funding for the WORK, and determining whether and how to use the results of the WORK for future CITY consideration.

B. CITY is the IMPLEMENTING AGENCY for the WORK, which is defined as the PARTY responsible for implementation, project management, technical direction, cost, schedule, quality, review, verification, and acceptance of the WORK and associated deliverables.

C. CITY shall lead day-to-day technical coordination with the consultant regarding the prosecution and development of the WORK, in coordination with RTC's designated contract administrator and RTC’s designated contract manager, and consistent with RTC's on-call consultant contract requirements.

D. CITY shall provide timely review, verification, and comments on consultant deliverables and shall be responsible for determining whether the deliverables are acceptable for CITY's purposes.

E. CITY shall review consultant invoices for consistency with the WORK performed and shall provide timely confirmation to RTC regarding whether invoiced work is consistent with progress and deliverables acceptable to CITY.

F. CITY shall provide available local data, background materials, access coordination, stakeholder coordination, and other CITY information reasonably needed to complete the WORK.

G. CITY shall lead City Council presentations and other CITY approval processes related to the WORK, with support from the RTC on-call consultant and limited support from RTC staff as described in this AGREEMENT.

H. CITY shall not rely on RTC staff to materially perform CITY's project management, technical direction, deliverable development, deliverable verification, public agency coordination, or project implementation responsibilities except for the limited RTC contract administration, supporting review, and facilitation expressly described in this AGREEMENT.

RTC Responsibilities

A. RTC will administer the consultant contract and consultant task order for the WORK, including issuing the task order, maintaining contract records, reviewing invoices for contract compliance, processing payments to the consultant, and charging actual eligible RTC labor costs for contract administration and project facilitation.

B. RTC will facilitate use of RTC's on-call consultant contract for the WORK and will coordinate with CITY and the consultant regarding task order administration, invoicing, and contract-related schedule or deliverable issues.

C. RTC may provide limited supporting review and facilitation, including providing available RTC background materials, answering project questions, attending coordination meetings as available, reviewing deliverables from RTC's perspective, and assisting CITY with interpretation of the study deliverables. RTC's review and facilitation are intended to support CITY's implementation of the WORK and do not transfer responsibility for project implementation or deliverable approval to RTC.

D. RTC will provide CITY with WORK-related products and supporting documentation received through the consultant task order.

E. When RTC performs contract administration, supporting review, or facilitation, it does so for its own benefit and to support the administration of RTC's on-call consultant contract. RTC's contract administration, supporting review, or facilitation shall not be construed as assuming CITY's project sponsor or

implementing agency responsibilities, approving the technical conclusions of the consultant for CITY purposes, or creating any duty to third parties.

F. RTC is not responsible for day-to-day project management, technical prosecution of the WORK, development or verification of deliverables, public outreach, environmental review, final design, construction, or future project delivery unless the PARTIES amend this AGREEMENT in writing to assign additional responsibilities to RTC.

6. Ownership and Use of Work Products

A. All studies, memoranda, estimates, graphics, plans, and other work products prepared using funds administered under this AGREEMENT may be used by both PARTIES for public purposes, including grant applications, project development, environmental review, public outreach, and governmental decision-making.

7. Disclosures

A. PARTIES will hold all preliminary drafts of final reports, studies, materials, and documentation relied upon, produced, created, or utilized for the WORK in confidence to the extent permitted by law and, where applicable, the provisions of California Government Code Section 7921.505(c)(5) will protect the confidentiality of such documents in the event that said documents are shared between PARTIES.

B. PARTIES will not distribute, release, or share said documents with anyone other than employees, agents, and consultants who require access to complete the WORK without the written consent of the PARTY authorized to release them, unless required or authorized to do so by law.

C. If a PARTY receives a public records request pertaining to the WORK, that PARTY will notify the other PARTY within five (5) working days of receipt and make the other PARTY aware of any disclosed public documents. PARTIES will consult with each other prior to the release of any public documents related to the WORK to the extent permitted by law.

8. No Commitment to Construction or Future Funding

This AGREEMENT addresses planning and feasibility activities only. Nothing herein obligates either PARTY to fund final design, right-of-way acquisition, construction, operations, maintenance, grant match commitments, or future project phases absent separate approvals. Nothing herein constitutes approval of the potential conversion or repurposing of the Capitola Trestle to a multi-use bicycle and pedestrian trail.

9. Term and Termination

A. This AGREEMENT shall become effective upon execution by both PARTIES.

B. Unless earlier terminated by mutual written agreement, this AGREEMENT shall remain in effect through June 30, 2027.

C. Either PARTY may terminate this AGREEMENT upon thirty (30) days written notice to the other PARTY. The PARTIES shall cooperate to wind down any active consultant work in an orderly manner consistent with existing obligations.

10. General Provisions

A. Each PARTY is an independent public entity and not an officer, employee, partner, or agent of the other.

B. Additional phases of work would require an amendment to this AGREEMENT.

C. This AGREEMENT may be amended only by written agreement executed by both PARTIES.

D. This AGREEMENT constitutes the entire understanding between the PARTIES regarding the subject matter herein.

11. Severability

If any provision of this AGREEMENT is determined by a court of competent jurisdiction to be invalid, illegal, or unenforceable, that provision shall be deemed severed from this AGREEMENT, and the remaining provisions shall remain in full force and effect to the fullest extent permitted by law.

12. Responsibility for Acts and Omissions

Each PARTY shall be responsible for the acts and omissions of its own officers, officials, employees, agents, and contractors to the extent provided by law. Nothing in this AGREEMENT is intended to create any rights in favor of third parties or expand either PARTY's liability beyond that provided under applicable law.

13. Informal Dispute Resolution

In the event of a dispute arising under this AGREEMENT, the PARTIES shall first attempt in good faith to resolve the matter through informal discussions between designated management representatives prior to pursuing other remedies available by law.

14. Mutual Indemnification

Neither RTC nor any of its officers and employees are responsible for any injury, damage, or liability occurring by reason of anything done or omitted to be done by CITY, its contractors, sub-contractors, and/or its agents under or in connection with any work, authority, or jurisdiction conferred upon CITY under this AGREEMENT. It is understood and agreed that CITY, to the extent permitted by law, will defend, indemnify, and save harmless RTC and all of its officers and

employees from all claims, suits, or actions of every name, kind, and description brought forth under, but not limited to, tortious, contractual, inverse condemnation, or other theories and assertions of liability occurring by reason of anything done or omitted to be done by CITY under this AGREEMENT.

Neither CITY nor any of its officers and employees are responsible for any injury, damage, or liability occurring by reason of anything done or omitted to be done by RTC, its contractors, sub-contractors, and/or its agents under or in connection with any work, authority, or jurisdiction conferred upon RTC under this AGREEMENT. It is understood and agreed that RTC, to the extent permitted by law, will defend, indemnify, and save harmless CITY and all of its officers and employees from all claims, suits, or actions of every name, kind, and description brought forth under, but not limited to, tortious, contractual, inverse condemnation, or other theories and assertions of liability occurring by reason of anything done or omitted to be done by RTC under this AGREEMENT.

16. Authorization

RTC and CITY represent and warrant that each is a duly organized and existing public agency under the laws of the State of California and has the authority to enter into and perform this AGREEMENT.

Each person executing this AGREEMENT represents and warrants that he or she is duly authorized to execute this AGREEMENT on behalf of the PARTY for whom he or she signs.

SIGNATURES

CITY OF CAPITOLA	**SANTA CRUZ COUNTY REGIONAL TRANSPORTATION COMMISSION**
By: _____	By: _____
Jamie Goldstein, City Manager	Sarah Christensen, Executive Director
Date: _____	Date: _____
APPROVED AS TO FORM	**APPROVED AS TO FORM**
By: _____	By: _____
City Counsel	SCCRTC Counsel
Date: _____	Date: _____

EXHIBIT A

SCOPE OF WORK - CAPITOLA TRESTLE RAILWAY BRIDGE PLANNING AND FEASIBILITY SEISMIC ASSESSMENT

The existing Capitola Trestle Railway Bridge is located along the Santa Cruz Branch Rail Line (SBRL) at MP 15.89 over Wharf Road, Soquel Creek, Riverview Ave and Capitola Ave, between 47th Ave and Monterey Ave. The existing structure is comprised of 5 distinct frames, each consisting of a different superstructure type. It has a multi-span wooden trestle combined with a three span precast concrete box approach on the east end, a cast-in-place concrete tub girder combined with a multi-span wooden trestle approach on the west end, and a large wrought iron truss main span bridge over Soquel Creek. SCCRTC is studying the possible placement of a pedestrian pathway on the existing bridge and had a conceptual repurposing study performed by RailPros in 2021. The RailPros study considered direct conversion to trail use of the entire length of structure considering service and strength limit states as well as an initial condition assessment. The RailPros study did not consider seismic loading and noted that a seismic assessment still needed to be performed. SCCRTC would like to perform a preliminary repurposing seismic assessment to continue to develop the potential design and construction costs associated with potential future pedestrian and bicycle use, if such use is later directed by the SCCRTC. This seismic assessment will build upon the study conducted by RailPros and will not include a service and strength assessment. This seismic assessment will include an updated existing condition assessment, and a seismic assessment which has not previously been conducted. The seismic assessment shall be based upon Caltrans seismic retrofit requirements. This assessment will also include recommendations and probable construction costs for repair, retrofit and seismic isolation options for each portion of the structure.

TASK 1. PROJECT MANAGEMENT

Mark Thomas will provide general project management activities and coordination with the RTC throughout the project. This includes preparing contract paperwork, and emails, and participating in project meetings as necessary to manage the project. Management activities also include financial tracking and preparation of progress reports. The project is anticipated to last four months from NTP to submittal of final technical memorandum.

TASK 2. EXISTING BRIDGE DATA GATHERING

Task 2.1. Existing Bridge Data Gathering

Mark Thomas will review existing structure as-builts and UPRR standard plans. Mark Thomas will also review previous reports and inspection documents. Mark Thomas will also perform a site visit to review the existing bridge, confirming as-built span and frame types and configurations and attempt to determine probable foundation types where visible. The site visit will also look for potential seismic vulnerabilities.

Task 2.2. Existing Bridge Condition Assessment

Mark Thomas will inspect the bridge to confirm the condition of the existing bridge based upon the condition findings from the RailPros 2021 condition assessment. The site visit will review the existing bridge condition and note major

repair tasks observed. The existing condition assessment will be based upon the visual review of the accessible and/or viewable structure, supplemented with a sampling of tactile measurements where readily accessible. The overall structure condition assessment shall be made based upon the RailPros 2021 condition assessment, visual observations and a sampling of readings that will be extrapolated over the entire structure.

MP 15.89a PC/PS Concrete Box Girder: The precast prestressed box approach spans on the east approach will be inspected for any visibly noticeable deterioration. The inspection will consist of a visual inspection of the soffit of the bridge along with the steel and concrete bents and concrete abutment. This will be performed with the naked eye and binoculars. Some soundings of the accessible concrete will also be performed. The top of the bridge deck will also be visually inspected where visible. Any deterioration noted during this process will be included in the final report.

MP 15.89b and 15.89d Timber Trestle: The timber trestles through Capitola and to the west of Soquel Creek have been reviewed multiple times over the last couple of decades with each subsequent report stating wood rot is progressing. RailPros' 2021 review of these portions of the structure estimated that 30%-40% of the posts need replacement. The proposed review of this portion of the structure includes an inspection and non-destructive testing (soundings) of the bridge components that are accessible from the ground. Components that are above reach from the ground will be visually inspected with naked eye and binoculars. Component sizes will also be measured during the inspection to determine the costs of replacement. Upon completion of the ground inspection, the team will relocate to the top of the structure for further inspection, non-destructive testing, and measuring. The results of the inspection will be used to estimate the current level of deterioration and potential post replacement accounting for previously performed inspections.

MP 15.89c Wrought Iron Truss: The main span wrought iron truss will be visually inspected from the creek banks using both naked eye and binoculars. The bridge deck will be walked for a visual inspection. Any deterioration noted during this process will be included in the final report, however a detailed inspection of the wrought iron truss will not be performed, and a detailed inspection of fracture critical elements will not be conducted.

MP 15.89e CIP PT U-Girder: The cast-in-place concrete tub girder approach span on the west approach will be inspected for any visibly noticeable deterioration. The inspection will consist of a visual inspection of the soffit of the bridge along with the concrete bent and concrete abutment. This will be performed with the naked eye and binoculars. Some soundings of the accessible concrete will also be performed. The top of the bridge deck will also be visually inspected. Both ends of this span rest on concrete piers which too will be inspected where visible. Any deterioration noted during this process will be included in the final report.

The existing bridge inspection will be limited to a total of 2 days of inspection by a single inspection party consisting of a senior inspector and junior inspector and will be tailored accordingly during the inspection to fit within the confines that time frame. Inspection will also be conducted from accessible areas without the aid of any additional equipment with the exception of the use of binoculars. Inspection findings will be extrapolated to the entire structure with the aid of the inspection findings from the RailPros 2021 condition assessment.

Task 2.3. Preliminary Geotechnical Seismic Assessment

Crawford will perform a preliminary geotechnical seismic assessment of the existing structure with the primary objective to identify and assess the potential for seismic hazards. Crawford will review available existing boring data and laboratory test data presented in previously completed reports from nearby structures to evaluate and analyze the geotechnical project elements identified above. Crawford will use published correlations based on existing data to identify potentially liquefiable soil layers and associated secondary seismic effects.

Task 2.4. Geotechnical Field Investigation

Crawford will perform a limited field investigation at critical support locations using CPT explorations to collect continuous soil data for a preliminary liquefaction evaluation. This will include CPT coordination, obtaining permits and marking for USA, subsurface exploration of up to 4 CPT explorations to 100 ft max depth or refusal and engineering analysis to evaluate the liquefaction potential at the completed exploration locations.

TASK 3. EXISTING BRIDGE SEISMIC VULNERABILITY REVIEW

Mark Thomas will perform a seismic vulnerability review of the existing structure to build upon the Condition Assessment performed by RailPros in their 2021 report. The RailPros 2021 assessment reviewed the existing structure service and strength capacities, however it noted that no seismic considerations were performed as a part of that assessment and that an additional seismic assessment was required.

Task 3.1. Caltrans Seismic Vulnerability Review

Mark Thomas will perform a planning-level seismic vulnerability review of the existing structure using applicable Caltrans seismic criteria as a reference framework. The review will be based upon Caltrans seismic retrofit procedures and requirements specified in Memo To Designers 20-4 and Caltrans Seismic Design Criteria version 2.1, and the Caltrans Seismic Design Specification for Steel Bridges 2nd edition as applicable. The review will review as-builts, the existing structure in the field, and the preliminary geotechnical assessment performed by Crawford to look for potential seismic vulnerabilities. No analysis will be conducted as a part of this assessment.

Task 3.2. MP 15.89c Wrought Iron Truss Assessment

Mark Thomas will provide SCCRTC with alternatives for the potential seismic retrofit or seismic isolation of the existing main span wrought iron truss, MP 15.89c. Seismic retrofit or seismic isolation of the wrought iron truss is anticipated based upon the existing structure type and material type. Seismic retrofit or seismic isolation alternatives will be limited to 2 options including: retrofitting through member and connection strengthening or replacement, or seismic isolating through the use of a steel girder over the existing truss. In addition to reuse, one replacement alternative will be considered through the use of a prefabricated steel truss bridge. These alternatives will also be discussed for their ability to be returned to rail use or shifted to a new alignment at a future date. Alternatives will be presented through the use of figures, photos of similar structures, and exhibits. Construction costs will be based upon similar structure construction costs and square footage cost per structure type.

Alternatives to be considered:

- Seismic Retrofit of Existing Truss
- Seismic Isolation through use of Steel I Girder
- Replacement with Prefabricated Steel Truss Bridge

Task 3.3. MP 15.89b and 15.89d Timber Trestle Assessment

Mark Thomas will provide SCCRTC with alternatives for the potential repair or member replacement of the existing timber trestle spans both to the east and west of the existing main span over Soquel Creek, MP 15.89b and 15.89d. Complete replacement of the timber trestle in kind is anticipated to be a cost effective long term option based upon the high percentage of posts that are anticipated to be recommended for replacement as identified in the RailPros 2021 inspection reports. One alternative for a replacement structure will also be considered assuming the use of steel I girders. Alternatives will also be discussed for their ability to be returned to rail use or shifted to a new alignment at a future date. Alternatives will be presented through the use of figures, photos of similar structures, and exhibits.

Construction costs will be based upon similar structure construction costs and square footage cost per structure type. Mark Thomas will include a basic life cycle cost analysis for the different alternatives compared to the existing timber trestle repair alternative.

Alternatives to be considered:

- Member Repair & Replacement
- Trestle Complete Replacement in Kind (with timber)
- Trestle Complete Replacement with steel I girders

TASK 4. PLANNING AND FEASIBILITY MEMORANDUM

Task 4.1. Planning and Feasibility Memorandum

Mark Thomas will prepare a planning and feasibility study memorandum summarizing the existing condition assessment findings, existing bridge seismic vulnerability review, and existing structure repair and seismic retrofit alternatives. The memorandum will explain how the findings and recommendations build on, advance, modify or supersede the 2021 RailPros Capitola Railroad Bridge – Repurposing Conceptual Study, including its prior conclusions regarding pedestrian/bicycle feasibility, existing condition, and recommended additional work, and will provide guidance on potential next steps. The memorandum will also include potential design and construction costs, project scheduling and project requirements such as environmental, geotechnical and historical studies and investigations that may be required if the existing Capitola Trestle was repurposed for pedestrian use.

Task 4.2. Presentation

Mark Thomas will prepare a presentation summarizing the findings of the Seismic Assessment and present to the Capitola City Council the findings of the Seismic Assessment.

DELIVERABLES

- Evaluation Planning and Feasibility Memorandum
- Alternatives and Cost Summary Matrix
- Presentation Slides for Capitola City Council Presentation
- One Presentation to Capitola City Council

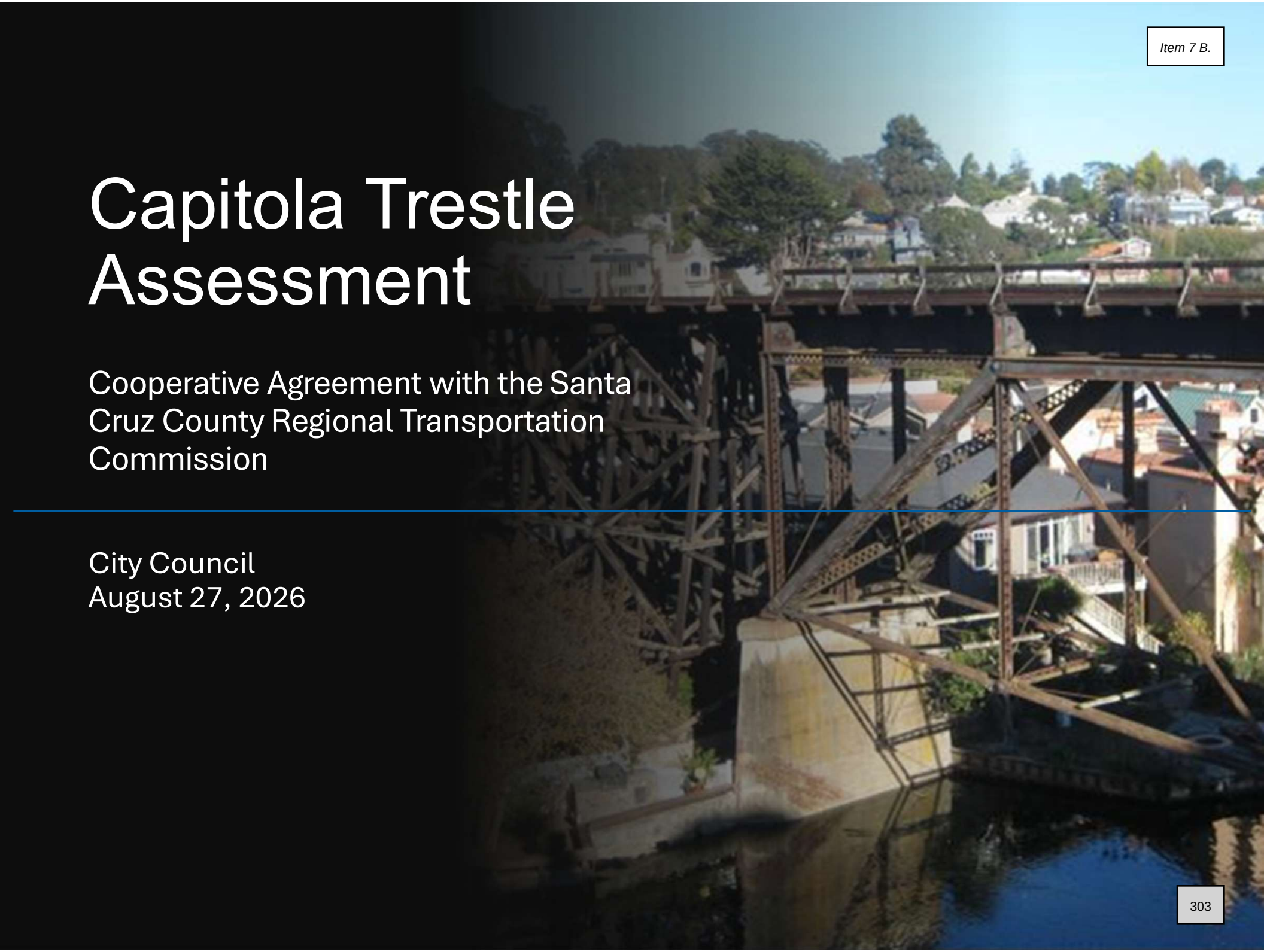
Overall Assumptions:

- *One round of review by SCCRTC and its representatives shall be addressed per task.*

Capitola Trestle Assessment

Cooperative Agreement with the Santa Cruz County Regional Transportation Commission

City Council
August 27, 2026



Capitola Trestle Assessment

Recommended action

- Authorize City Manager to execute the Cooperative Agreement with RTC for Capitola Trestle Assessment

What approval enables

- RTC to issue Mark Thomas engineering a task order and begin assessment

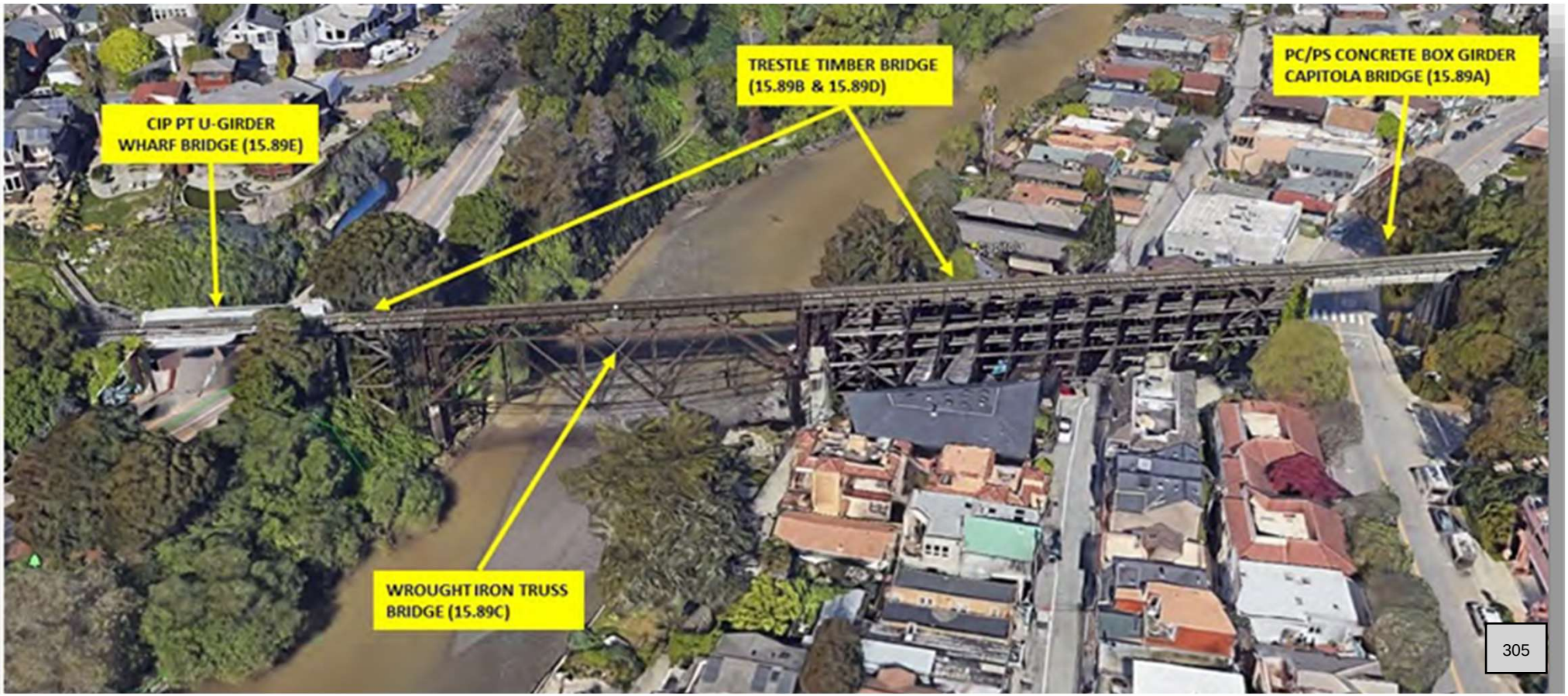
What approval does not do

- Does not approve trail conversion, environmental review, final design, construction, operations, maintenance, or future funding

Capitola Trestle Assessment

What is the trestle?

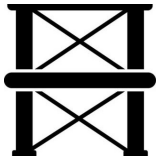
- Five connected bridges: two concrete, two timber, and one wrought-iron bridge.
- Crosses Soquel Creek, Wharf Road, Riverview Avenue, and Capitola Avenue.



Capitola Trestle Assessment

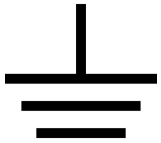
Why another study is needed

2021 Conceptual Study found repurposing may be feasible but identified significant information gaps



Condition

Update bridge condition and timber deterioration



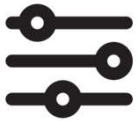
Ground

Assess soil conditions and liquefaction potential



Seismic

Identify planning level seismic vulnerabilities

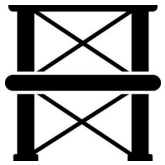


Options

Compare potential options and probable costs

Capitola Trestle Assessment

Study Scope



Updated bridge condition

Visual inspection, accessible soundings and measurements



Preliminary geotechnical work

Subsurface explorations for a preliminary liquefaction evaluation



Seismic vulnerability review

Planning-level review using Caltrans criteria



Alternatives, costs and next steps

Compare repair, retrofit, and replacement concepts

Capitola Trestle Assessment

Concepts to Be Evaluated



Wrought-Iron Main Truss

Retrofit

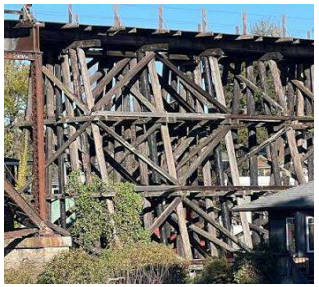
Strengthen/replace members and connections

Isolate

Use a steel girder over existing truss

Replace

Consider a prefabricated steel-truss bridge



Timber Trestle Segments

Repair

Repair and replace deteriorated members

Replace in kind

Construct new timber-trestle segments

Replace material

Use steel and compare life-cycle costs

Conceptual options—not selected or designed projects.

Capitola Trestle Assessment

Study Deliverables

Planning and Feasibility Memorandum

- Condition, seismic, and preliminary geotechnical findings
- Implications for potential trail reuse
- Costs, requirements, and next steps

Alternatives and Cost Summary Matrix

- Repair, retrofit, isolation, and replacement concepts
- Planning-level construction and life-cycle costs

Council Presentation

- Assessment findings and alternatives
- Presentation to the City Council

Capitola Trestle Assessment

What This Assessment Will Determine

Does reuse warrant continued study?

- Do the updated condition, seismic risks, and probable costs support continued study of trestle reuse?

Which concept merits further study?

- Which repair, retrofit, isolation, or replacement concepts warrant more detailed evaluation?

What would be required next?

- Identify additional structural, geotechnical, environmental, historical, and design work, along with planning-level costs, schedule, risks, and other major requirements.

The study refines the decision space; it does not make the policy decision

Capitola Trestle Assessment

Roles and Funding

City | Sponsor and Implementing Agency

Sets technical direction

Manages the assessment

Reviews and accepts deliverables

Confirms consultant invoices

RTC | Contract Administrator

Issues and administers the task order

Maintains contract records

Processes consultant invoices

Provides limited review and coordination

Funding

$200,000 programmed RSTPX funds

- $180,000 consultant
- RTC administration: actual costs up to 10%

Recommended Action

Authorize City Manager to execute a Cooperative Agreement with Santa Cruz County Regional Transportation Commission (RTC) for Capitola Trestle Assessment



Capitola City Council

Agenda Report

Meeting: August 27, 2026

From: Public Works Department

Subject: Stockton Avenue Bridge Existing Conditions Assessment and Project Development Services Agreement

Recommended Action: Authorize the City Manager to execute a Professional Services Agreement with CSW/ST2 for the assessment of Stockton Avenue Bridge's existing conditions and project development services in an amount not to exceed $474,912.

Summary: On April 9, 2026, the City Council directed staff to evaluate multiple options for phasing the future of the Stockton Avenue Bridge, including replacement, rehabilitation, retrofit, and deck replacement alternatives, and return with sufficient information for the Council to determine the appropriate next steps.

The proposed agreement is Phase 1 of that work. It provides the engineering investigations, surveys, and technical analyses needed to establish the bridge's existing conditions, deficiencies, and key project constraints and provides the technical foundation for developing and comparing alternatives.

The funding currently available is sufficient to complete Phase 1, but not the alternatives analysis requested by the Council. At the conclusion of Phase 1, the technical findings will be presented to the Council. Phase 2 would develop and compare the requested alternatives, including planning-level costs, construction considerations, service life, and permitting constraints, and would require separate Council authorization and additional funding.

Approval of this agreement does not commit the City to a particular alternative or future project.

Background: The Stockton Avenue Bridge is one of the City's most important transportation assets, providing the primary connection between Capitola Village and surrounding residential neighborhoods while serving vehicles, pedestrians, bicyclists, emergency responders, and utility infrastructure.

In FY 2015-16, the City allocated $20,000 from the General Fund to evaluate options for reducing flood risk at Stockton Avenue Bridge. Following completion of a report identifying potential flood-reduction measures, the City allocated an additional $350,000 in FY 2022-23 to evaluate the feasibility of implementing those measures. Before that work began, the City secured $500,000 in grant funding from the California Department of Water Resources, with support from Senator Laird, to evaluate long-term bridge improvements following the January 2023 storms. Since then, the City has completed several technical investigations, including a debris mitigation feasibility study, structural condition evaluation, hydraulic and scour analyses, utility investigations, and preliminary traffic evaluations.

Collectively, these investigations identified several issues requiring further evaluation, including deterioration of portions of the bridge deck, reinforcing steel corrosion, hydraulic and scour concerns, utility conflicts, and questions regarding long-term seismic performance and remaining service life. While these investigations concluded the bridge does not present an immediate collapse risk, they also concluded that additional engineering investigations would be necessary before long-term alternatives could be fully evaluated. The completed engineering investigations are summarized in Attachment 3, with the full Existing Conditions Assessment Memorandum provided as Attachment 4.

On April 9, 2026, the City Council received the structural evaluation findings and directed staff to return with a proposed contract to further evaluate future options for the Stockton Avenue Bridge. Specifically, the City Council directed staff to evaluate multiple bridge replacement options; rehabilitation, retrofit, and deck replacement alternatives; historic preservation considerations; traffic impacts; implementation strategies; funding opportunities; and the potential use of the Capitola Trestle as a temporary pedestrian and bicycle route during bridge construction. The City Council also directed staff to provide a long-term project development strategy and verify consistency with the existing grant requirements.

The proposed scope of the agreement (Attachment 2) completes the planning-level investigations needed before bridge alternatives can be developed or assessed. In other words, the proposed scope excludes any tasks related to preparing plans, comparing alternatives, estimating alternative-specific costs, or recommending a preferred alternative to the City Council. Any future alternatives analysis, environmental review, or design work would require separate City Council authorization and additional funding.

Discussion: On April 9, 2026, the City Council directed staff to evaluate multiple bridge replacement, rehabilitation, retrofit, and deck replacement alternatives and return with sufficient information for the City Council to determine the appropriate next steps for the project.

The proposed scope (Attachment 2) follows the project-development process typically used for locally-owned bridges to preserve eligibility for potential state and federal funding, which is often necessary given the cost of major bridge rehabilitation or replacement projects.

Attachment 5 illustrates the anticipated project development process and how the proposed agreement fits within the broader evaluation of future bridge improvements. This process begins with engineering investigations to develop a comprehensive understanding of the bridge's existing condition, opportunities, and constraints before long-term alternatives are developed and compared.

This phased approach allows each stage of project development to build upon the findings of the previous phase, ensuring that future alternatives are developed using a comprehensive understanding of the bridge's existing condition and constraints. It also allows the City Council to determine whether additional work is warranted before authorizing subsequent phases of project development.

The Stockton Avenue Bridge is a locally-owned bridge, and as such, the City is responsible for developing the engineering, environmental, and planning information necessary to evaluate future improvements. While Caltrans administers state and federal bridge funding programs for local agencies, development of project-specific engineering investigations and technical studies for locally owned bridges is the responsibility of the local agency.

Routine bridge inspections prepared under the National Bridge Inspection Standards provide an important assessment of a bridge's current condition and help identify maintenance and repair needs necessary to keep the bridge safely in service. They are an essential component of bridge management and represent one component of a comprehensive understanding of a bridge's overall condition and long-term needs. These inspections are designed to support bridge management and maintenance decisions but are not intended to answer broader project development questions regarding long-term rehabilitation, retrofit, or replacement strategies. Accordingly, a bridge may be determined to be safe for continued service while still exhibiting structural deterioration, seismic vulnerabilities, hydraulic deficiencies, utility conflicts, or other conditions that influence future rehabilitation or replacement decisions. Those broader considerations require engineering investigations and analyses beyond the scope of routine bridge inspections. In the case of the Stockton Avenue Bridge, previous City investigations have already identified several such issues, including deterioration of portions of the bridge deck, reinforcing steel corrosion, hydraulic and scour concerns, utility conflicts, and questions regarding long-term seismic performance and remaining service life.

Building upon the engineering investigations completed to date, the proposed scope expands the evaluation through additional structural, planning-level seismic, hydraulic, traffic, utility, environmental, and historic analyses needed to support future project development. Collectively, the completed and proposed investigations will establish the engineering basis necessary to understand the bridge's deficiencies, opportunities, and constraints and provide the information needed to evaluate future bridge alternatives. A summary of the completed investigations is provided in Attachment 3, with the full Existing Conditions Assessment Memorandum included as Attachment 4.

One of the technical investigations included in the proposed scope is a historic resource evaluation. This work is required as part of the project development process and will document the bridge's historic significance and identify the regulatory requirements that would apply to future potential projects.

Completion of the historic evaluation does not determine whether the bridge will ultimately be rehabilitated, retrofitted, or replaced, nor does it predetermine the outcome of the alternatives evaluation. Rather, it ensures that historic considerations are identified early and incorporated into the evaluation of future alternatives. Should a future project affect a historic resource, additional coordination and environmental review would be required in accordance with applicable City, state and federal regulations.

Collectively, the completed and proposed investigations will establish the engineering basis necessary to understand the bridge's deficiencies, opportunities, and constraints and provide the information needed to evaluate future bridge alternatives.

The proposed $474,912 agreement authorizes Phase 1 only. This work will document the bridge's existing condition, identify the major issues and constraints, and establish the technical basis for developing bridge alternatives in a future phase. It will not develop or compare alternatives, estimate alternative-specific costs, select a preferred alternative, or prepare design plans.

Table 1. Phase 1 Scope and Budget

Phase 1 Task	Amount	What It Provides
Task 1 – Project Definition and Funding Strategy	$35,680	Defines the project needs and requirements and confirms the funding pathway with Caltrans.
Task 2 – Existing Conditions	$184,905	Survey, geotechnical testing, traffic data, utility review, and bridge-condition documentation.
Task 3 – Technical Evaluation and Outreach	$206,827	Structural, seismic, hydraulic, traffic, environmental, and historic analysis, plus stakeholder outreach and a Council presentation.
Direct Expenses	$47,500	Field testing, traffic control, permits, research, and other project costs.
Total Phase 1	**$474,912**	Provides the basis for developing alternatives in a future phase.

Table 2 summarizes how the proposed agreement advances each element of the Council's April 9, 2026, direction. Phase 2 is not included in the proposed agreement and would require separate City Council authorization and additional funding.

Table 2. Relationship Between April 9, 2026 Council Direction and the Proposed Scope

April 9, 2026, Council Direction	How It Is Addressed
1. The contract shall provide the City Council with preliminary plans and analysis for multiple bridge replacement options.	Phase 1 establishes the technical basis for this work. Preliminary comparisons of rehabilitation, retrofit, deck-replacement, and replacement alternatives, costs, and comparisons would be completed in Phase 2 – Alternatives Analysis (Task 4), subject to future Council authorization.
2. The contract shall also include evaluation of bridge retrofit and/or bridge deck replacement alternatives.	Phase 1 evaluates the bridge's condition, remaining service life, seismic risk, hydraulics, utilities, traffic, and other constraints. Specific alternatives would be developed and compared in Phase 2.
3. The contract shall allow the City Council to review the alternatives and either select a preferred option.	Alternatives would be presented to the Council following Phase 2 for selection of a preferred option or a decision not to proceed.

4. The contract shall provide the City Council with a realistic plan for evaluating the Capitola Trestle.	Phase 1 evaluates closure impacts, detour needs, and emergency access. The Trestle is being evaluated in a separate assessment pursuant to the MOU with the Regional Transportation Commission.
5. The contract shall verify this approach will satisfy the requirements of the grant received for bridge work.	Proposed scope is consistent with the objectives of the existing grant and supports future funding eligibility.
6. The contract shall provide City Council and the public with a long-term plan for project development and implementation.	Phase 1 identifies the required project-development steps and decision points. A detailed project-development roadmap would be prepared in Phase 2.
7. The contract shall include a traffic flow chart.	Phase 1 includes existing traffic, detour, and emergency-access analysis. Alternative-specific traffic-flow analysis would be completed in Phase 2.

Next Steps: Upon completion of Phase 1, the technical findings will be presented to the City Council. The City Council may then authorize Phase 2, which would develop and compare rehabilitation, retrofit, deck-replacement, and replacement alternatives, including planning-level costs, service life, construction considerations, and permitting constraints.

Phase 2 and all subsequent environmental review, design, right-of-way, and construction work would require separate City Council authorization and additional funding. Approval of the proposed agreement does not commit the City to a particular alternative or future project.

Public Outreach: The proposed scope includes stakeholder outreach and public engagement throughout the existing conditions assessment. Outreach during this phase will help identify community priorities, local concerns, and operational considerations that may influence future project development. Community input will be documented and considered as future bridge alternatives are developed and evaluated.

Fiscal Impact: The Stockton Avenue Bridge project is supported by approximately $500,000 in California Department of Water Resources grant funding and $350,000 in previously appropriated City funding, for a total project budget of approximately $850,000.

To date, approximately $200,000 has been expended for bridge access and investigative construction activities, and approximately $151,000 has been expended for professional engineering services, including the debris mitigation feasibility study, structural evaluation, hydraulic and scour analyses, utility investigations, and related technical studies. Approximately $499,000 remains available for completion of the existing conditions assessment and project development services described in this report.

The proposed agreement utilizes the remaining available project funding for the activities described in the proposed scope. The proposed agreement is anticipated to utilize substantially all of the remaining project budget authorized for this phase of work. No additional appropriation is requested as part of this action.

The proposed scope of work integrates the City Council’s phasing strategy into the Caltrans bridge funding process to help ensure that a potential future project is eligible for state funding should the City Council decide pursue such a project.

Attachments:

1. Professional Services Agreement
2. Scope of Work
3. Executive Summary – Stockton Avenue Bridge Existing Conditions Assessment
4. Existing Conditions Assessment Memorandum
5. Project Development Process Overview
6. Public Comment Received Before Agenda Published

Alignment with 2025-2029 Strategic Plan Priority: Community Safety; Sustainable Infrastructure

Report Prepared By: Jessica Kahn, Public Works Director

Reviewed By: Julia Gautho, City Clerk

Approved By: Jamie Goldstein, City Manager

CITY OF CAPITOLA
PROFESSIONAL SERVICES AGREEMENT
Stockton Avenue Bridge Project
CSWST2

THIS AGREEMENT is entered into on August 27, 2026, by and between the City of Capitola, a Municipal Corporation, hereinafter called "City" and CSWST2, hereinafter called "Consultant".

WHEREAS, City desires certain services described in Appendix One and Consultant is capable of providing and desires to provide these services;

NOW, THEREFORE, City and Consultant for the consideration and upon the terms and conditions hereinafter specified agree as follows:

SECTION 1
Scope of Services

The services to be performed under this Agreement include existing-conditions analysis and technical studies to support evaluation of rehabilitation, retrofit, and/or replacement alternatives for the Stockton Avenue Bridge, as further detailed in Appendix One.

SECTION 2
Duties of Consultant

All work performed by Consultant, or under its direction, shall be sufficient to satisfy the City's objectives for entering into this Agreement and shall be rendered in accordance with the generally accepted practices, and to the standards of, Consultant's profession.

Consultant shall not undertake any work beyond the scope of work set forth in Appendix One unless such additional work is approved in advance and in writing by City. The cost of such additional work shall be reimbursed to Consultant by City on the same basis as provided for in Section 4.

If, in the prosecution of the work, it is necessary to conduct field operations, security and safety of the job site will be the Consultant's responsibility excluding, nevertheless, the security and safety of any facility of City within the job site which is not under the Consultant's control.

Consultant shall meet with Public Works Director, called “Director," or other City personnel, or third parties as necessary, on all matters connected with carrying out of Consultant's services described in Appendix One. Such meetings shall be held at the request of either party hereto. Review and City approval of completed work shall be obtained monthly, or at such intervals as may be mutually agreed upon, during the course of this work.

SECTION 3
Duties of the City

City shall make available to Consultant all data and information in the City's possession which City deems necessary to the preparation and execution of the work, and City shall actively aid and assist Consultant in obtaining such information from other agencies and individuals as necessary.

The Director may authorize a staff person to serve as his or her representative for conferring with Consultant relative to Consultant's services. The work in progress hereunder shall be reviewed from time to time by City at the discretion of City or upon the request of Consultant. If the work is satisfactory, it will be approved. If the work is not satisfactory, City will inform Consultant of the changes or revisions necessary to secure approval.

SECTION 4
Fees and Payment

Payment for the Consultant's services shall be made upon a schedule and within the limit, or limits shown, upon Appendix Two. Such payment shall be considered the full compensation for all personnel, materials, supplies, and equipment used by Consultant in carrying out the work. If Consultant is compensated on an hourly basis, Consultant shall track the number of hours Consultant, and each of Consultant's employees, has worked under this Agreement during each fiscal year (July 1 through June 30) and Consultant shall immediately notify City if the number of hours worked during any fiscal year by any of Consultant's employees reaches 900 hours. In addition, each invoice submitted by Consultant to City shall specify the number of hours to date Consultant, and each of Consultant's employees, has worked under this Agreement during the current fiscal year.

SECTION 5
Changes in Work

City may order major changes in scope or character of the work, either decreasing or increasing the scope of Consultant's services. No changes in the Scope of Work as described in Appendix One shall be made without the City's written approval. Any change requiring compensation in excess of the sum specified in Appendix Two shall be approved in advance in writing by the City.

SECTION 6
Time of Beginning and Schedule for Completion

This Agreement will become effective when signed by both parties and will terminate on the earlier of:

- The date Consultant completes the services required by this Agreement, as agreed by the City; or
- The date either party terminates the Agreement as provided below.

Work shall begin on or about September 1, 2026.

In the event that major changes are ordered or Consultant is delayed in performance of its services by circumstances beyond its control, the City will grant Consultant a reasonable adjustment in the schedule for completion provided that to do so would not frustrate the City's objective for entering into this Agreement. Consultant must submit all claims for adjustments to City within thirty calendar days of the time of occurrence of circumstances necessitating the adjustment.

SECTION 7
Termination

City shall have the right to terminate this Agreement at any time upon giving ten days written notice to Consultant. Consultant may terminate this Agreement upon written notice to City should the City fail to fulfill its duties as set forth in this Agreement. In the event of termination, City shall pay the Consultant for all services performed and accepted under this Agreement up to the date of termination.

SECTION 8
Insurance

Consultant shall procure and maintain for the duration of the contract and for 1 years thereafter, insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Consultant, his agents, representatives, or employees.

Minimum Scope of Insurance

Coverage shall be at least as broad as:

1. Insurance Services Office Commercial General Liability coverage (Occurrence Form CG 0001).

2. Insurance Services office Form Number CA 0001 covering Automobile Liability, Code 1 (any auto).

3. Workers' Compensation insurance as required by the State of California, and Employer's Liability Insurance.

4. Professional (Errors and Omissions) Liability insurance appropriate to the consultant's profession. Architects' and engineers' coverage shall include contractual liability.

Minimum Limits of Insurance

Consultant shall maintain limits no less than:

1.	General Liability: (including operations, products and completed operations)	**$1,000,000** per occurrence and **$2,000,000** in aggregate (including operations, for bodily injury, personal and property damage.
2.	Automobile Liability:	**$1,000,000** per accident for bodily injury and property damage.
3.	Employer's Liability Insurance	**$1,000,000 per accident for bodily injury and property damage.**
4.	Errors and Omissions Liability: Limits	**$1,000,000** per claim and **$2,000,000** in the aggregate.

Other Insurance Provisions

The commercial general liability and automobile liability policies are to contain, or be endorsed to contain, the following provisions:

1. The City of Capitola, its officers, officials, employees and volunteers are to be covered as additional insured's as respects: liability arising out of work or operations performed by or on behalf of the Consultant or automobiles owned, leased, hired or borrowed by the Consultant.
2. For any claims related to this project, the Consultant's insurance coverage shall be primary insurance as respects the City, its officers, officials, employees and volunteers. Any insurance or self-insurance maintained by the City, its officers, officials, employees or volunteers shall be excess of the Consultant's insurance and shall not contribute with it.
3. Each insurance policy required by this clause shall be endorsed to state that coverage shall not be canceled except after prior written notice has been given to the City.

Acceptability of Insurers

Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A:VII, unless otherwise acceptable to the City.

Waiver of Subrogation

Contractor hereby agrees to waive rights of subrogation which any insurer of Contractor may acquire from Contractor by virtue of the payment of any loss. Contractor agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation. **The Workers' Compensation policy shall be endorsed with a waiver of subrogation in favor of the City of Capitola** for all work performed by the Contractor, its employees, agents and subcontractors.

Verification of Coverage

Consultant shall furnish the City with original certificates and amendatory endorsements affecting coverage by this clause. The endorsements should be on forms provided by the City or on other than the City's forms provided those endorsements conform to City requirements. All certificates and endorsements are to be received and approved by the City before work commences. The City reserves the right to require complete, certified copies of all required insurance policies, including endorsements affecting the coverage required by these specifications at any time.

SECTION 9
Indemnification

For General Services: To the fullest extent permitted by law, Consultant agrees to indemnify, defend, and hold harmless the City, its directors, officers, employees from and against any and all claims, demands, actions, liabilities, damages, judgments, or expenses (including attorneys' fees and costs) arising from the acts or omissions of Consultant's employees or agents in any way related to the obligations or in the performance of services under this Agreement, except for design professional services as defined in Civil Code § 2782.8, and except where caused by the sole or active negligence, or willful misconduct of the City.

For Design Professional Services under Civil Code §2782.8: To the fullest extent permitted by law, Consultant agrees to indemnify, defend, and hold harmless the City, its directors, officers, and employees from and against any and all claims, demands, actions, liabilities, damages, or expenses (including attorneys' fees and costs) arising from the negligence, recklessness, or willful misconduct of the Consultant, Consultant's employees, or agents in any way related to the obligations or in the performance of design professional services under this Agreement as defined in Civil Code §2782.8, except where caused by the sole or active negligence, or willful misconduct of the City. The costs to defend charged to the Consultant relating to design professional services shall not exceed the Consultant's proportionate percentage of fault per Civil Code §2782.8.and against all claims, damages, losses, and expenses including attorney fees arising out of the performance of the work described herein, caused in whole or in part by any negligent act or omission of the Consultant, Consultant's employees, agents or subcontractors, except where caused by the active negligence, sole negligence, or willful misconduct of the City.

SECTION 10
Civil Rights Compliance/Equal Opportunity Assurance

Every supplier of materials and services and all consultants doing business with the City of Capitola shall be in compliance with the applicable provisions of the Americans with Disabilities Act of 1990, and shall be an equal opportunity employer as defined by Title VII of the Civil Rights Act of 1964 and including the California Fair Employment and Housing Act of 1980. As such, Consultant shall not discriminate against any person on the basis of race, religious creed, color, national origin, ancestry, disability, medical condition, marital status, age or sex with respect to hiring, application for employment, tenure or terms and conditions of employment. Consultant agrees to abide by all of the foregoing statutes and regulations.

SECTION 11
Legal Action/Attorneys' Fees

If any action at law or in equity is brought to enforce or interpret the provisions of this Agreement, the prevailing party shall be entitled to reasonable attorney's fees in addition to any other relief to which he or she may be entitled. The laws of the State of California shall govern all matters relating to the validity, interpretation, and effect of this Agreement and any authorized or alleged changes, the performance of any of its terms, as well as the rights and obligations of Consultant and the City.

SECTION 12
Assignment

This Agreement shall not be assigned without first obtaining the express written consent of the Director after approval of the City Council.

SECTION 13
Amendments

This Agreement may not be amended in any respect except by way of a written instrument which expressly references and identifies this particular Agreement, which expressly states that its purpose is to amend this particular Agreement, and which is duly executed by the City and Consultant. Consultant acknowledges that no such amendment shall be effective until approved and authorized by the City Council, or an officer of the City when the City Council may from time to time empower an officer of the City to approve and authorize such amendments. No representative of the City is authorized to obligate the City to pay the cost or value of services beyond the scope of services set forth in Appendix Two. Such

authority is retained solely by the City Council. Unless expressly authorized by the City Council, Consultant's compensation shall be limited to that set forth in Appendix Two.

SECTION 14
Miscellaneous Provisions

1. *Project Manager*. Director reserves the right to approve the project manager assigned by Consultant to said work. No change in assignment may occur without prior written approval of the City.

2. *Consultant Service.* Consultant is employed to render professional services only and any payments made to Consultant are compensation solely for such professional services.

3. *Licensure*. Consultant warrants that he or she has complied with any and all applicable governmental licensing requirements.

4. *Other Agreements*. This Agreement supersedes any and all other agreements, either oral or in writing, between the parties hereto with respect to the subject matter, and no other agreement, statement or promise related to the subject matter of this Agreement which is not contained in this Agreement shall be valid or binding.

5. *City Property*. Upon payment for the work performed, or portion thereof, all drawings, specifications, records, or other documents generated by Consultant pursuant to this Agreement are, and shall remain, the property of the City whether the project for which they are made is executed or not. The Consultant shall be permitted to retain copies, including reproducible copies, of drawings and specifications for information and reference in connection with the City's use and/or occupancy of the project. The drawings, specifications, records, documents, and Consultant's other work product shall not be used by the Consultant on other projects, except by agreement in writing and with appropriate compensation to the City.

6. *Consultant's Records*. Consultant shall maintain accurate accounting records and other written documentation pertaining to the costs incurred for this project. Such records and documentation shall be kept available at Consultant's office during the period of this Agreement, and after the term of this Agreement for a period of three years from the date of the final City payment for Consultant's services.

7. *Independent Contractor*. In the performance of its work, it is expressly understood that Consultant, including Consultant's agents, servants, employees, and subcontractors, is an independent contractor solely responsible for its acts and omissions, and Consultant shall not be considered an employee of the City for any purpose.

8. *Conflicts of Interest*. Consultant stipulates that corporately or individually, its firm, its employees and subcontractors have no financial interest in either the success or failure of any project which is, or may be, dependent on the results of the Consultant's work product prepared pursuant to this Agreement.

9. *Notices*. All notices herein provided to be given, or which may be given by either party to the other, shall be deemed to have been fully given and fully received when made in writing and deposited in the United States mail, certified and postage prepaid, and addressed to the respective parties as follows:

CITY	CONSULTANT
CITY OF CAPITOLA 420 Capitola Avenue Capitola, CA 95010 831-475-7300	
By:_____ Benjamin Goldstein, City Manager	By:_____
Dated:_____	Dated:_____

Approved as to Form:

_____
Marc Tran, City Attorney

WORK PLAN

PROJECT PHASING AND AUTHORIZATION

The scope of work is organized into two phases.

Phase 1 Current Authorization (Tasks 1–3): The currently available grant funding is sufficient to complete Tasks 1 through 3. These tasks establish the purpose and need, document existing conditions, complete technical studies, identify deficiencies and constraints, and provide the information necessary for City Council to evaluate potential bridge rehabilitation, retrofit, and replacement alternatives.

Phase 2 Future Council Authorization (Tasks 4–6): Tasks 4 through 6 are not included in the current authorization and are presented for planning purposes only. Upon completion of Tasks 1 through 3 and presentation of findings to the City Council, the Council may elect to authorize Task 4 (Alternatives Analysis and Advance Planning Study). Following completion of Task 4 and selection of a preferred alternative, the Council may separately authorize Tasks 5 and 6 to complete environmental clearance, permitting, and preliminary engineering through approximately 35 percent design.

PHASE 1

TASK 1 – PROJECT INITIATION & SCOPING (PID / PROJECT DEFINITION)

Goal: Establish purpose and need, funding pathway, and baseline scope.

- **1.1 Project Kickoff & Coordination.** Key members of our team will host a meeting with City staff, Caltrans District Local Assistance and stakeholders. The goal of the meeting will be to confirm project goals, schedule, and budget, funding strategy (HBP/BIP/other federal programs), required Caltrans deliverables (PID/PSR-PDS/PEAR/PES as applicable).
- **1.2 Purpose & Need Development.** Our team will meet with the City to finalize the logical termini and project limits and define the deficiencies to be analyzed. We will prepare a Project Charter / Initial Project Definition Memorandum. These deficiencies could include the following:
  - **A.** Structural condition (from inspection reports)
  - **B.** Seismic vulnerability
  - **C.** Hydraulic/scour risk
  - **D.** Functional obsolescence (width, geometrics)
- **1.3 Stakeholder & Outreach Strategy.** Our team will develop an outreach strategy that establishes the project's messaging, key stakeholders, and engagement methods and tools. The strategy may include establishing and updating a project website, small-group stakeholder meetings with adjacent property owners and any other groups identified with City staff, and two on-site pop-up engagement events at the project site. The strategy will address messaging that is aligned with funding priorities (i.e. safety, resilience, equity).
- **1.4 Contract Management.** CSWST2 will be responsible for the overall management of our design team, including the following:

A. Project Management: CSWST2 will manage the design team as well as track progress, schedule, and budget. We will be responsible for documenting all design decisions and keeping an official record of the project. Furthermore, we will submit monthly progress reports identifying tasks completed, budget status, and issues status.

B. Quality Control/ Assurance: As part of the QA/QC process, an independent member of the design team will complete an internal review of our documents checking for errors, perform a constructability review. Our independent QA/QC reviews will occur at the 35%, 65% and 95% PS&E submittals in parallel with the City review process.

C. Meetings: The team will attend up to three (3) meetings during this phase of work.

Task 1 Deliverable:

- Project Charter / Initial Project Definition (PID framework)

TASK 2 – DATA COLLECTION & EXISTING CONDITIONS

Goal: Develop complete technical baseline for analysis.

2.1 Data Collection and Field Review. To support the design effort and refine the extent of technical studies required, our team will complete the following:

A. **Data Collection.** The team will collect and review the following documents:

i. As-Built Records
ii. Previous Environmental Technical Analysis and Documents
iii. Relevant Information from Online Databases
iv. Records from Information Centers
v. Area of Potential Effects (APE) Mapping

B. **Field Investigations.** To support the assessment of existing bridge conditions, our team will perform the following:

i. **Bridge Condition Assessment.** This scope has already been completed.
ii. **Utility Observations.** This scope has already been completed.
iii. **Existing Conditions Mapping.** Our team will complete a survey of the Stockton Avenue Bridge to support the final design process. This will include the following tasks.

a. **Survey:** Our team will perform a topographic survey, which generally will include back of curb, face of curb, street centerline, top of bank, abutments, edge of pavement, and surface utilities. We will depict drainage patterns with spot elevations and contour data at 1-foot intervals.

b. **Prepare Base Map:** CSWST2 will develop a detailed base map integrating topography, boundary, and utility information.

C. **Traffic Data Collection.** Fehr and Peers will collect existing traffic data. The data collected will include:

i. **Vehicular Traffic:** Average Daily Traffic (ADT), Peak hour turning movement counts, Directional distribution, Truck percentages

ii. **Multimodal Data:** Bicycle volumes, Pedestrian activity, Transit routes and stops, School routes and recreational access

iii. **Safety Data:** Collision history review (5-year minimum), SWITRS data evaluation, Identification of collision patterns and safety deficiencies

iv. **Emergency Access:** Coordination with emergency responders and Identification of emergency access constraints during construction

D. **Geotechnical Investigations.** ENGEO will perform a preliminary geotechnical investigation to assess the necessary design criteria for a new foundation to support the bridge and evaluate range of potential capacity of the existing foundation system if the bridge were to remain. ENGEO will retain the services of a subcontractor to push two cone penetration tests (CPTs) to depths up to 100 feet below the ground surface, or refusal, whichever occurs first. ENGEO will collect shear wave velocity measurements at intervals of every 5 vertical feet. ENGEO will retain traffic control services to guide traffic during CPT operations. ENGEO will perform preliminary analyses and prepare a Preliminary Foundation Report that conforms to Caltrans requirements. ENGEO will prepare a single version of the report. The report will be signed by a licensed California Geotechnical Engineer and California Certified Engineering Geologist.

E. **Historic Architect Site Visit.** GPA will conduct a site visit to photograph the bridge and surrounding properties to identify any known or potential historic properties in the APE. Potential historic properties are those with buildings or structures over 45 years of age. Known historic properties are those that are listed or have been determined eligible for listing under the local, state, or federal landmark and historic district programs (including the bridge). Digital photographs will be taken during the field survey. All photographs will be taken from the public right-of-way, unless property access is granted in advance.

2.2 Utility Agency Coordination. The project team will perform a preliminary utilities assessment to identify existing public and private utility infrastructure that may be affected by the proposed bridge rehabilitation or replacement alternatives. This task will include a review of utility records, as-built drawings, field observations, and available mapping to identify overhead and underground facilities, bridge-mounted utilities, drainage infrastructure, and service connections within the project corridor. The team will coordinate with utility providers and the City to evaluate potential utility conflicts, relocation requirements, protection measures, service continuity considerations, and construction constraints associated with each alternative. The assessment will support project planning,

risk evaluation, cost estimating, environmental documentation, and preliminary design development.

2.3 Bridge Condition Assessment Report & Basis of Design Memorandum

A. **Draft.** CSWST2 and BCA will prepare a draft Bridge Condition Report and Preliminary Basis of Design Memorandum. Field Assessment observation results from the interior of the bridge superstructure will be incorporated along with the deck repair recommendations in the Caltrans Bridge Inspection Reports. Report to include Site Photos, relevant Bridge Inspection Reports, and Key Plan of damage locations, design criteria assumptions, constraints and opportunities, and preliminary repair vs. replacement triggers.

B. **Final.** We will address one round of comments and questions by the City and provide a final Bridge Condition Report and Basis of Design Memorandum.

2.4 City Council Update. CSWST2 and BCA will meet with the City Council to provide an update on findings from the Data Collection and Existing Conditions Phase.

2.5 Contract Management. We will perform the tasks outlined in Task 1.4. We anticipate three (3) meetings during this phase of work.

Task 2 Deliverables:

- Topographic Survey Map
- Draft and Final Bridge Conditions Assessment Report & Preliminary Basis of Design Memorandum
- Preliminary Foundation Report.
- Utility Conflict Matrix
- Meeting agendas, presentation, and minutes.

TASK 3 – TECHNICAL STUDIES & DEFICIENCY ANALYSIS

Goal: Quantify deficiencies and constraints that drive alternatives.

3.1 Structural Evaluation. BCA will perform a structural evaluation of the existing Stockton Avenue Bridge to identify structural deficiencies, repair needs, service-life considerations, and factors influencing rehabilitation versus replacement alternatives. The evaluation will build upon available bridge inspection reports, as-built information, field assessment findings, and the Bridge Condition Assessment Report prepared under Task 2.3. The evaluation will include the following:

A. Condition-based assessment

B. Load rating review (if needed)

C. Remaining service life estimate

3.2 Historic Architectural Assessment Reports (HPSR/HRER). GPA will conduct outreach to potentially interested members of the public in accordance with established Caltrans Section 106 procedures. GPA will provide a correspondence log for inclusion in the HPSR. GPA will prepare the draft and final HPSR and incorporate the results of the Archaeological Survey Report (ASR) prepared by Albion. GPA will incorporate comments received from the interested parties outreach and built-environment resources in the APE.

- **A. Archaeological Survey and APE Support.** Denise Duffy & Associates (DDA) has engaged Albion to support preparation of the Historic Property Survey Report (HPSR) by conducting an archaeological records search, developing the archaeological Area of Potential Effects (APE), preparing APE mapping and GIS shapefiles, conducting an archaeological field survey, and preparing an Archaeological Survey Report (ASR) in accordance with Caltrans and Section 106 requirements. Albion will provide the records search results, APE mapping, GIS data, and ASR findings to GPA for incorporation into the HPSR and related cultural resources documentation.

3.3 Preliminary Bridge Hydrology and Hydraulics Report. CSWST2 will prepare a draft hydrology and hydraulics report assessing existing bridge conditions and bridge replacement alternatives on Soquel Creek. The report will include the following:

- **A.** Hydraulic capacity
- **B.** Analysis methodology
- **C.** Debris mitigation
- **D.** Storm selection.
- **E.** Freeboard
- **F.** Scour

3.4 Seismic Screening. BCA will perform a planning-level seismic screening of the existing bridge to identify seismic vulnerabilities and determine how seismic performance may influence rehabilitation, retrofit, or replacement alternatives. The screening will be based on available as-built plans, bridge inspection records, field assessment findings, geotechnical information, and applicable Caltrans seismic design guidance. The evaluation will include the following:

- **A.** Caltrans SDC-based evaluation
- **B.** Retrofit vs. replacement triggers

3.5 Traffic & Operations. The team will evaluate existing transportation operations within the bridge corridor and adjacent intersections. The analysis will address the following:

- **A.** Lane configuration adequacy
- **B.** Intersection operations
- **C.** Queueing observations
- **D.** Sight distance review
- **E.** Pedestrian and bicycle conflicts
- **F.** Freight movement considerations

3.6 Detour & Closure Analysis. The team will evaluate temporary bridge closure scenarios associated with rehabilitation and replacement alternatives. The analysis will include:

- **A.** Identification of feasible detour routes
- **B.** Emergency response implications
- **C.** School and transit impacts
- **D.** Freight routing impacts
- **E.** Estimated detour travel times and user delay

3.7 Environmental Constraints (Planning-Level). DDA will prepare an environmental constraints memorandum. The memorandum will address biological resources, cultural resources, hazardous materials screening and permitting complexity risk.

3.8 Outreach.

- **A. Engagement Toolkit.** CSWST2 will build the engagement toolkit, anticipated to include branding, project website, QR code, key messaging and project description, schedule graphic, and mailer template.
- **B. Stakeholder Meeting.** CSWST2 will coordinate and facilitate a meeting with the local business community to gather initial feedback on the project purpose, goals, and schedule

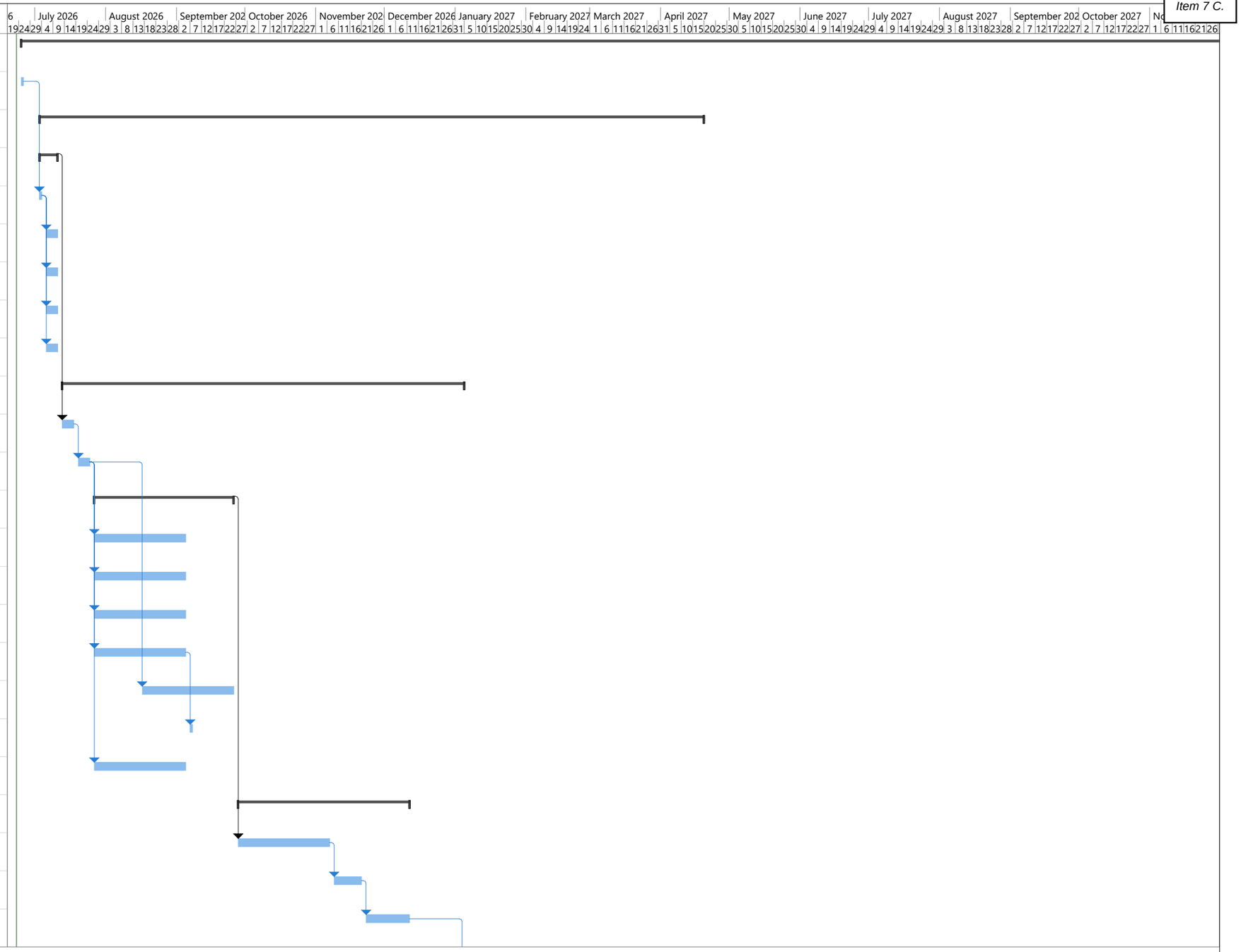
3.9 Council Presentation. CSWST2 and BCA will present the findings of the technical studies and deficiency analysis to the City Council and receive direction.

3.10 Contract Management. We will perform the tasks outlined in Task 1.4. We anticipate three (3) meetings during this phase of work.

Task 3 Deliverables:

- Structural Evaluation Report
- Preliminary Hydraulics Report
- Existing Traffic Operations Technical Memorandum
- Construction Detour & Access Assessment Memorandum
- Environmental Constraints Memorandum
- Archaeological Survey Report
- Draft and Final HPSR

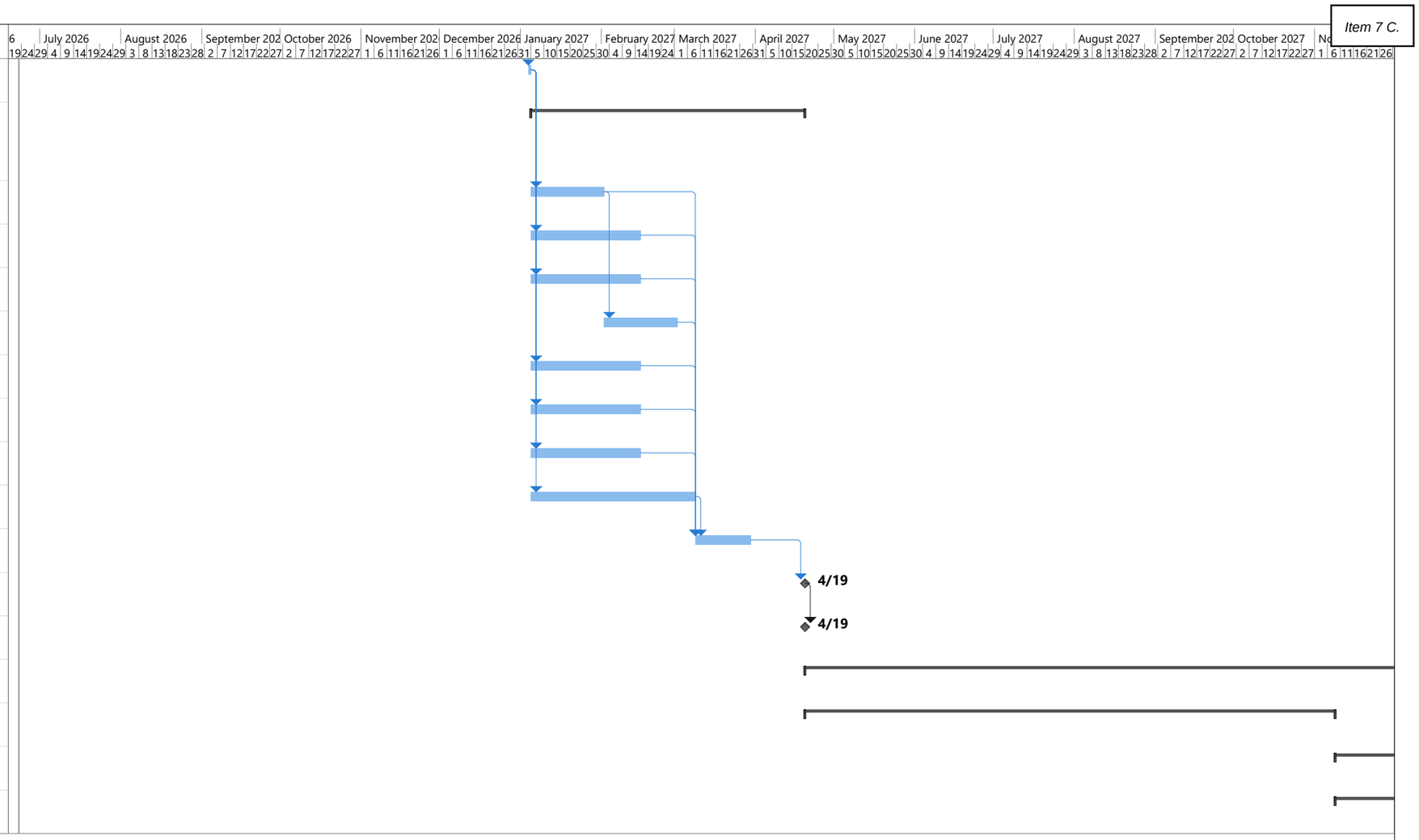
ID	Task Name	Duration	Start
1	**Stockton Avenue Bridge Project**	**662 days**	**Thu 6/25/26**
2	Council Authorization / NTP	1 day	Thu 6/25/26
3	**PHASE 1**	**207 days**	**Fri 7/3/26**
4	**Task 1 Project Initiation**	**6 days**	**Fri 7/3/26**
5	Project Kickoff	1 day	Fri 7/3/26
6	Purpose & Need Workshop	5 days	Mon 7/6/26
7	Funding Strategy Confirmation	5 days	Mon 7/6/26
8	Stakeholder Outreach Plan	5 days	Mon 7/6/26
9	Project Charter	5 days	Mon 7/6/26
10	**Task 2 Data Collection & Existing Conditions**	**126 days**	**Mon 7/13/26**
11	Collect Existing Documents	5 days	Mon 7/13/26
12	Review As-Builts	5 days	Mon 7/20/26
13	**Field Investigation**	**45 days**	**Mon 7/27/26**
14	Topographic Survey	30 days	Mon 7/27/26
15	Utility Mapping	30 days	Mon 7/27/26
16	Traffic Data Collection	30 days	Mon 7/27/26
17	Field Reconnaissance	30 days	Mon 7/27/26
18	Geotechnical Investigation	30 days	Mon 8/17/26
19	Historic Site Visit	1 day	Mon 9/7/26
20	Utility Coordination	30 days	Mon 7/27/26
21	**Bridge Condition Report**	**55 days**	**Mon 9/28/26**
22	Draft	30 days	Mon 9/28/26
23	City Review	10 days	Mon 11/9/26
24	Final	15 days	Mon 11/23/26



Project: Schedule - Final
Date: Tue 6/23/26

Task	Summary	Inactive Milestone	Duration-only	Start-only	External Milestone	Manual Progress		
Split	Project Summary	Inactive Summary	Manual Summary Rollup	Finish-only	Deadline			
Milestone	Inactive Task	Manual Task	Manual Summary	External Tasks	Progress			

ID	Task Name	Duration	Start
25	Council Update	1 day	Mon 1/4/27
26	**Task 3 Technical Studies & Deficiency Analysis**	**75 days**	**Tue 1/5/27**
27	Structural Evaluation	20 days	Tue 1/5/27
28	Historic Assessment	30 days	Tue 1/5/27
29	Hydrology/Hydraulics Study	30 days	Tue 1/5/27
30	Seismic Screening	20 days	Tue 2/2/27
31	Traffic Operations Analysis	30 days	Tue 1/5/27
32	Detour Analysis	30 days	Tue 1/5/27
33	Environmental Constraints Memo	30 days	Tue 1/5/27
34	Outreach	45 days	Tue 1/5/27
35	Technical Findings Report	15 days	Tue 3/9/27
36	Council Presentation	0 days	Mon 4/19/27
37	Council Authorization Task 4	0 days	Mon 4/19/27
38	**Phase 2**	**449 days**	**Tue 4/20/27**
39	**Task 4 Alternatives Analysis & APS**	**145 days**	**Tue 4/20/27**
53	**Task 5 Environmental Clearance**	**304 days**	**Tue 11/9/27**
79	**Task 6 Preliminary Engineering**	**96 days**	**Tue 11/9/27**



Project: Schedule - Final
Date: Tue 6/23/26

Task | Summary | Inactive Milestone | Duration-only | Start-only | External Milestone | Manual Progress
Split | Project Summary | Inactive Summary | Manual Summary Rollup | Finish-only | Deadline
Milestone | Inactive Task | Manual Task | Manual Summary | External Tasks | Progress

APPENDIX ONE
Scope of Services

APPENDIX TWO
Fees and Payments

Consultant will provide invoices to the City for all services and expenses on a monthly basis. City will endeavor to pay all invoices within 30 days of receipt. The total amount billed by Consultant and paid by City pursuant to this agreement shall not exceed $474,912 without written advance authorization from the City.

Consultant hereby represents and warrants, based upon Consultant's independent determination of the time and labor, including overtime, which will be required to perform said services, that Consultant will provide all said services at a cost which will not exceed the maximum price set forth in this agreement for Consultant's services. Consultant hereby assumes the risk that Consultant will perform said services within this maximum price constraint and Consultant acknowledges that its inability to do so shall not excuse completion of the services and shall not provide a basis for additional compensation.

Salary expenses include the actual direct pay of personnel assigned to the project (except for routine secretarial and account services) plus payroll taxes, insurance, sick leave, holidays, vacation, and other fringe benefits. The percentage of compensation attributable to salary expenses includes all of Consultant's indirect overhead costs and fees. For purposes of this Agreement, Consultant's salary expenses and non-salary expenses will be compensated at the rates set forth in the fee schedule attached to this appendix and in accordance with the terms set forth therein. Non-salary expenses include travel, meals and lodging while traveling, materials other than normal office supplies, reproduction and printing costs, equipment rental, computer services, service of subconsultants or subcontractors, and other identifiable job expenses. The use of Consultant's vehicles for travel shall be paid at the current Internal Revenue Service published mileage rate.

Salary payment for personnel time will be made at the rates set forth in the attached fee schedule for all time charged to the project. Normal payroll rates are for 40 hours per week. Consultant shall not charge the City for personnel overtime salary at rates higher than those set forth in the attached fee schedule without the City's prior written authorization.

In no event shall the total fee charged for the scope of work set forth in Appendix One exceed the total budget of $474,912, without specific, written advance authorization from the City.

Payments shall be made monthly by the City, based on itemized invoices from the Consultant which list actual costs and expenses. Such payments shall be for the invoice amount. The monthly statements shall contain the following affidavit signed by a principal of the Consultant's firm:

"I hereby certify as principal of the firm of CSWST2, that the charge of $_____ as summarized above and shown in detail on the attachments is fair and reasonable, is in accordance with the terms of the Agreement dated August 27, 2026, and has not been previously paid."

STOCKTON AVENUE BRIDGE PROJECT **06.23.2026**
SUMMARY OF PROJECT COSTS

Phase 1

Task 1 Project Initiation & Scoping	
CSWST2	$ 11,475
BIGGS CARDOSA	$ 19,869
ENGEO	$ -
DENISE DUFFY & ASSOCIATES	$ -
GPA CONSULTING	$ 2,167
FEHR & PEERS	$ 2,169
Subtotal	**$ 35,680**

Task 2 Data Collection & Existing Conditions	
CSWST2	$ 63,625
BIGGS CARDOSA	$ 47,332
ENGEO	$ 50,068
DENISE DUFFY & ASSOCIATES	$ -
GPA CONSULTING	$ 5,113
FEHR & PEERS	$ 18,769
Subtotal	**$ 184,905**

Task 3 Technical Studies & Deficiency Analysis	
CSWST2	$ 32,300
BIGGS CARDOSA	$ 75,659
ENGEO	$ -
DENISE DUFFY & ASSOCIATES	$ 3,563
GPA CONSULTING	$ 47,663
FEHR & PEERS	$ 47,642
Subtotal	**$ 206,827**

Reimbursable Expenses	
CSWST2	$ 3,500
BIGGS CARDOSA	$ 2,500
ENGEO	$ 28,000
DENISE DUFFY & ASSOCIATES	$ 10,000
GPA CONSULTING	$ -
FEHR & PEERS	$ 3,500
Subtotal	**$ 47,500**

Total Fee - Phase 1		
CSWST2	$ 110,899	9%
BIGGS CARDOSA	$ 145,360	12%
ENGEO	$ 78,068	6%
DENISE DUFFY & ASSOCIATES	$ 13,563	1%
GPA CONSULTING	$ 54,943	4%
FEHR & PEERS	$ 72,079	6%
Total	**$ 474,912**	38%



CITY OF CAPITOLA

STOCKTON AVENUE BRIDGE PROJECT

CAS 04

JUNE 23, 2026

CSW ST2

CSWST2.com

June 23, 2026
Project Number: 2300338.10

Jessica Kahn
Public Works Director
City of Capitola
420 Capitola Avenue
Capitola, CA 95010

SUBJECT: STOCKTON AVENUE BRIDGE PROJECT

Dear Jessica:

The low-lying Capitola Village is a cultural and business center for Capitola. The flood risk debris build up at the Stockton Creek Bridge could be catastrophic to the area. The CSWST2 team presents our proposal to assist the City and community in assessing the historic bridge as a countermeasures and safeguarded this vital transportation asset.

Stockton Avenue Bridge is located in the lower reaches of the Soquel Creek Watershed, which is situated between the cities of Santa Cruz and Watsonville. The Soquel Creek watershed drains an area of approximately 42 square miles. The watershed is comprised of urban development, rural residential development, agriculture, parks and recreation, and mining and timber harvesting. The Village, a cultural and business center in Capitola, is located at the terminus of Soquel Creek, where it enters the Pacific Ocean.



Aerial photograph of Soquel Creek and Stockton Avenue Bridge

Besides State Route 1 Bridge, Stockton Avenue Bridge is the only connection linking east and west Capitola and serves as the primary evacuation route for the low-lying Capitola Village. In addition, the finish line of the popular Wharf to Wharf race is located across the bridge at the Capitola in the Village. Heavy storms that occurred in January 2023 illustrated the increased intensity or rain events occurring as a result of climate change.

In June of 2024 CSWST2 issued the Stockton Avenue Bridge – Bridge Pier Debris Mitigation Feasibility Report that assessed the following counter measures to mitigate the debris risk: debris fins, debris deflectors, debris sweepers and bridge replacement. During the March 2026 City Council Meeting, City staff was directed to utilize the remaining available grant funds to advance the analysis of Stockton Avenue Bridge via the following motion:

"Motion to direct staff to return as soon as possible with a proposed contract to evaluate options for future work on the Stockton Avenue Bridge to include the following: 1) The contract shall provide the City Council with preliminary plans and analysis for multiple bridge replacement options. These options shall include variations in bridge style, width, and constructability, along with associated cost estimates, potential grant opportunities, anticipated construction timelines, environmental constraints, permitting requirements, and historical analysis. 2) The contract shall also include evaluation of bridge retrofit and/or bridge deck replacement alternatives. These alternatives shall include the same level of information provided for the replacement options, as well as estimates of the expected service life for each alternative. 3) The contract shall allow the City Council to review the alternatives and either select a preferred option and authorize preparation of final engineered plans, or discontinue further work under the contract. 4) At the time these bridge alternatives are presented, staff shall also provide the City Council with a realistic plan for evaluating the Capitola Trestle for potential use as a pedestrian and bicycle route during bridge construction, in order to help mitigate impacts to Capitola Village during the construction period. 5) Verify this approach will satisfy the requirements of the grant received for bridge work. 6) Provide City Council and the public with a long-term plan for project development and implementation. 7) Include a traffic flow chart"

We have assembled the following team to support the City in this goal:

- Robert Stevens of CSWST2 will be the principal for the project. Robert led our San Mateo County bluff stabilization and bridge project and has secured CDPs up and down the coastline.
- Julia Harberson of CSWST2 will be the project manager responsible for implementing the work plan and managing the team to seek consensus on design. She is an experienced hydraulics engineer that has worked with FEMA to develop flood control projects throughout the Bay Area.
- Tom Swayze of Biggs Cardosa will be our structural engineer leading our bridge design. Tom was the original engineer for the wall along Cliff Drive and has collaborated with Robert and Julia on our projects in San Mateo County.
- Kristine Pillsbury of CSWST2, will be our Hydraulics Engineer responsible for evaluating creek capacity. She is experienced at modelling open channel flow using HEC RAS and evaluation hydrologic with HEC-HMS.
- Jeanine Ruffoni, PE, GE, of Engeo will be leading our geotechnical evaluation for this project. She has worked on hundreds of relevant projects including investigations of bay and ocean sites, wetlands, and creek and bay channels.

- Matt Johnson and his team from DDA Planning will lead our environmental permitting process.
- Erin Ferguson and her team from Fehr & Peers will lead the traffic analysis.
- Anrea Galvin, of GPA Consultants will provide Historic Architectural services.

We are prepared to support the Capitola community in evaluating alternatives and advancing the Stockton Avenue Bridge project. Consistent with the City Council's direction, the remaining grant funding is sufficient to complete Tasks 1 through 3 of the attached Work Plan, which will establish the project purpose and need, collect and evaluate existing conditions, and complete the technical studies necessary to identify project deficiencies and constraints. These tasks will provide the City Council with the information needed to evaluate bridge replacement, rehabilitation, and retrofit alternatives.

Task 4 represents the culmination of the Council's motion and will synthesize the technical findings into a comprehensive alternatives analysis and Advance Planning Study, including evaluation of replacement and retrofit options, consideration of the Capitola Trestle as a temporary pedestrian and bicycle connection during construction, a recommended preferred alternative, verification of grant compliance, a project development roadmap, and a traffic flow assessment. Following presentation of the findings from Tasks 1 through 3 to the City Council, Task 4 can be authorized as the next phase of work at the Council's discretion.

Should the City elect to continue project development, Tasks 5 and 6 would complete the preliminary engineering phase of the project, including environmental clearance, permitting, and advancement of the preferred alternative through approximately 35 percent design. These efforts would position the project to compete for state and federal funding opportunities and advance toward final design and construction. We have developed the attached Work Plan to be consistent with Caltrans standards and funding requirements to support the City's efforts to secure future implementation funding. In our experience we have developed the following Work Plan, Fee and Schedule.

Thank you for the opportunity to support the development of the project. We look forward to working with you and your team. If I can provide any additional information, please contact me at (415) 884-6443 or by email at juliah@cswst2.com.

Sincerely,
CSWST2

Julia Harberson, R.C.E. No. 76626
Principal

WORK PLAN

PROJECT PHASING AND AUTHORIZATION

The scope of work is organized into two phases.

Phase 1 Current Authorization (Tasks 1–3): The currently available grant funding is sufficient to complete Tasks 1 through 3. These tasks establish the purpose and need, document existing conditions, complete technical studies, identify deficiencies and constraints, and provide the information necessary for City Council to evaluate potential bridge rehabilitation, retrofit, and replacement alternatives.

Phase 2 Future Council Authorization (Tasks 4–6): Tasks 4 through 6 are not included in the current authorization and are presented for planning purposes only. Upon completion of Tasks 1 through 3 and presentation of findings to the City Council, the Council may elect to authorize Task 4 (Alternatives Analysis and Advance Planning Study). Following completion of Task 4 and selection of a preferred alternative, the Council may separately authorize Tasks 5 and 6 to complete environmental clearance, permitting, and preliminary engineering through approximately 35 percent design.

PHASE 1

TASK 1 – PROJECT INITIATION & SCOPING (PID / PROJECT DEFINITION)

Goal: Establish purpose and need, funding pathway, and baseline scope.

- **1.1 Project Kickoff & Coordination.** Key members of our team will host a meeting with City staff, Caltrans District Local Assistance and stakeholders. The goal of the meeting will be to confirm project goals, schedule, and budget, funding strategy (HBP/BIP/other federal programs), required Caltrans deliverables (PID/PSR-PDS/PEAR/PES as applicable).
- **1.2 Purpose & Need Development.** Our team will meet with the City to finalize the logical termini and project limits and define the deficiencies to be analyzed. We will prepare a Project Charter / Initial Project Definition Memorandum. These deficiencies could include the following:
  - **A.** Structural condition (from inspection reports)
  - **B.** Seismic vulnerability
  - **C.** Hydraulic/scour risk
  - **D.** Functional obsolescence (width, geometrics)
- **1.3 Stakeholder & Outreach Strategy.** Our team will develop an outreach strategy that establishes the project's messaging, key stakeholders, and engagement methods and tools. The strategy may include establishing and updating a project website, small-group stakeholder meetings with adjacent property owners and any other groups identified with City staff, and two on-site pop-up engagement events at the project site. The strategy will address messaging that is aligned with funding priorities (i.e. safety, resilience, equity).
- **1.4 Contract Management.** CSWST2 will be responsible for the overall management of our design team, including the following:

A. Project Management: CSWST2 will manage the design team as well as track progress, schedule, and budget. We will be responsible for documenting all design decisions and keeping an official record of the project. Furthermore, we will submit monthly progress reports identifying tasks completed, budget status, and issues status.

B. Quality Control/ Assurance: As part of the QA/QC process, an independent member of the design team will complete an internal review of our documents checking for errors, perform a constructability review. Our independent QA/QC reviews will occur at the 35%, 65% and 95% PS&E submittals in parallel with the City review process.

C. Meetings: The team will attend up to three (3) meetings during this phase of work.

Task 1 Deliverable:

- Project Charter / Initial Project Definition (PID framework)

TASK 2 – DATA COLLECTION & EXISTING CONDITIONS

Goal: Develop complete technical baseline for analysis.

2.1 Data Collection and Field Review. To support the design effort and refine the extent of technical studies required, our team will complete the following:

A. **Data Collection.** The team will collect and review the following documents:

i. As-Built Records
ii. Previous Environmental Technical Analysis and Documents
iii. Relevant Information from Online Databases
iv. Records from Information Centers
v. Area of Potential Effects (APE) Mapping

B. **Field Investigations.** To support the assessment of existing bridge conditions, our team will perform the following:

i. **Bridge Condition Assessment.** This scope has already been completed.
ii. **Utility Observations.** This scope has already been completed.
iii. **Existing Conditions Mapping.** Our team will complete a survey of the Stockton Avenue Bridge to support the final design process. This will include the following tasks.

a. **Survey:** Our team will perform a topographic survey, which generally will include back of curb, face of curb, street centerline, top of bank, abutments, edge of pavement, and surface utilities. We will depict drainage patterns with spot elevations and contour data at 1-foot intervals.

b. **Prepare Base Map:** CSWST2 will develop a detailed base map integrating topography, boundary, and utility information.

C. **Traffic Data Collection.** Fehr and Peers will collect existing traffic data. The data collected will include:
   i. **Vehicular Traffic:** Average Daily Traffic (ADT), Peak hour turning movement counts, Directional distribution, Truck percentages
   ii. **Multimodal Data:** Bicycle volumes, Pedestrian activity, Transit routes and stops, School routes and recreational access
   iii. **Safety Data:** Collision history review (5-year minimum), SWITRS data evaluation, Identification of collision patterns and safety deficiencies
   iv. **Emergency Access:** Coordination with emergency responders and Identification of emergency access constraints during construction

D. **Geotechnical Investigations.** ENGEO will perform a preliminary geotechnical investigation to assess the necessary design criteria for a new foundation to support the bridge and evaluate range of potential capacity of the existing foundation system if the bridge were to remain. ENGEO will retain the services of a subcontractor to push two cone penetration tests (CPTs) to depths up to 100 feet below the ground surface, or refusal, whichever occurs first. ENGEO will collect shear wave velocity measurements at intervals of every 5 vertical feet. ENGEO will retain traffic control services to guide traffic during CPT operations. ENGEO will perform preliminary analyses and prepare a Preliminary Foundation Report that conforms to Caltrans requirements. ENGEO will prepare a single version of the report. The report will be signed by a licensed California Geotechnical Engineer and California Certified Engineering Geologist.

E. **Historic Architect Site Visit.** GPA will conduct a site visit to photograph the bridge and surrounding properties to identify any known or potential historic properties in the APE. Potential historic properties are those with buildings or structures over 45 years of age. Known historic properties are those that are listed or have been determined eligible for listing under the local, state, or federal landmark and historic district programs (including the bridge). Digital photographs will be taken during the field survey. All photographs will be taken from the public right-of-way, unless property access is granted in advance.

2.2 Utility Agency Coordination. The project team will perform a preliminary utilities assessment to identify existing public and private utility infrastructure that may be affected by the proposed bridge rehabilitation or replacement alternatives. This task will include a review of utility records, as-built drawings, field observations, and available mapping to identify overhead and underground facilities, bridge-mounted utilities, drainage infrastructure, and service connections within the project corridor. The team will coordinate with utility providers and the City to evaluate potential utility conflicts, relocation requirements, protection measures, service continuity considerations, and construction constraints associated with each alternative. The assessment will support project planning,

risk evaluation, cost estimating, environmental documentation, and preliminary design development.

2.3 Bridge Condition Assessment Report & Basis of Design Memorandum

A. **Draft.** CSWST2 and BCA will prepare a draft Bridge Condition Report and Preliminary Basis of Design Memorandum. Field Assessment observation results from the interior of the bridge superstructure will be incorporated along with the deck repair recommendations in the Caltrans Bridge Inspection Reports. Report to include Site Photos, relevant Bridge Inspection Reports, and Key Plan of damage locations, design criteria assumptions, constraints and opportunities, and preliminary repair vs. replacement triggers.

B. **Final.** We will address one round of comments and questions by the City and provide a final Bridge Condition Report and Basis of Design Memorandum.

2.4 City Council Update. CSWST2 and BCA will meet with the City Council to provide an update on findings from the Data Collection and Existing Conditions Phase.

2.5 Contract Management. We will perform the tasks outlined in Task 1.4. We anticipate three (3) meetings during this phase of work.

Task 2 Deliverables:

- Topographic Survey Map
- Draft and Final Bridge Conditions Assessment Report & Preliminary Basis of Design Memorandum
- Preliminary Foundation Report.
- Utility Conflict Matrix
- Meeting agendas, presentation, and minutes.

TASK 3 – TECHNICAL STUDIES & DEFICIENCY ANALYSIS

Goal: Quantify deficiencies and constraints that drive alternatives.

3.1 Structural Evaluation. BCA will perform a structural evaluation of the existing Stockton Avenue Bridge to identify structural deficiencies, repair needs, service-life considerations, and factors influencing rehabilitation versus replacement alternatives. The evaluation will build upon available bridge inspection reports, as-built information, field assessment findings, and the Bridge Condition Assessment Report prepared under Task 2.3. The evaluation will include the following:

A. Condition-based assessment

B. Load rating review (if needed)

C. Remaining service life estimate

3.2 Historic Architectural Assessment Reports (HPSR/HRER). GPA will conduct outreach to potentially interested members of the public in accordance with established Caltrans Section 106 procedures. GPA will provide a correspondence log for inclusion in the HPSR. GPA will prepare the draft and final HPSR and incorporate the results of the Archaeological Survey Report (ASR) prepared by Albion. GPA will incorporate comments received from the interested parties outreach and built-environment resources in the APE.

- **A.** **Archaeological Survey and APE Support.** Denise Duffy & Associates (DDA) has engaged Albion to support preparation of the Historic Property Survey Report (HPSR) by conducting an archaeological records search, developing the archaeological Area of Potential Effects (APE), preparing APE mapping and GIS shapefiles, conducting an archaeological field survey, and preparing an Archaeological Survey Report (ASR) in accordance with Caltrans and Section 106 requirements. Albion will provide the records search results, APE mapping, GIS data, and ASR findings to GPA for incorporation into the HPSR and related cultural resources documentation.

3.3 Preliminary Bridge Hydrology and Hydraulics Report. CSWST2 will prepare a draft hydrology and hydraulics report assessing existing bridge conditions and bridge replacement alternatives on Soquel Creek. The report will include the following:

- **A.** Hydraulic capacity
- **B.** Analysis methodology
- **C.** Debris mitigation
- **D.** Storm selection.
- **E.** Freeboard
- **F.** Scour

3.4 Seismic Screening. BCA will perform a planning-level seismic screening of the existing bridge to identify seismic vulnerabilities and determine how seismic performance may influence rehabilitation, retrofit, or replacement alternatives. The screening will be based on available as-built plans, bridge inspection records, field assessment findings, geotechnical information, and applicable Caltrans seismic design guidance. The evaluation will include the following:

- **A.** Caltrans SDC-based evaluation
- **B.** Retrofit vs. replacement triggers

3.5 Traffic & Operations. The team will evaluate existing transportation operations within the bridge corridor and adjacent intersections. The analysis will address the following:

- **A.** Lane configuration adequacy
- **B.** Intersection operations
- **C.** Queueing observations
- **D.** Sight distance review
- **E.** Pedestrian and bicycle conflicts
- **F.** Freight movement considerations

3.6 Detour & Closure Analysis. The team will evaluate temporary bridge closure scenarios associated with rehabilitation and replacement alternatives. The analysis will include:

- **A.** Identification of feasible detour routes
- **B.** Emergency response implications
- **C.** School and transit impacts
- **D.** Freight routing impacts
- **E.** Estimated detour travel times and user delay

3.7 Environmental Constraints (Planning-Level). DDA will prepare an environmental constraints memorandum. The memorandum will address biological resources, cultural resources, hazardous materials screening and permitting complexity risk.

3.8 Outreach.

- **A.** **Engagement Toolkit.** CSWST2 will build the engagement toolkit, anticipated to include branding, project website, QR code, key messaging and project description, schedule graphic, and mailer template.
- **B.** **Stakeholder Meeting.** CSWST2 will coordinate and facilitate a meeting with the local business community to gather initial feedback on the project purpose, goals, and schedule

3.9 Council Presentation. CSWST2 and BCA will present the findings of the technical studies and deficiency analysis to the City Council and receive direction.

3.10 Contract Management. We will perform the tasks outlined in Task 1.4. We anticipate three (3) meetings during this phase of work.

Task 3 Deliverables:

- Structural Evaluation Report
- Preliminary Hydraulics Report
- Existing Traffic Operations Technical Memorandum
- Construction Detour & Access Assessment Memorandum
- Environmental Constraints Memorandum
- Archaeological Survey Report
- Draft and Final HPSR

PHASE 2

TASK 4 – ALTERNATIVES ANALYSIS & ADVANCE PLANNING STUDY (APS / PID)

Goal: Evaluate repair vs. replacement and select preferred alternative. Note, Task 4 is not included in the current authorization. This task may be initiated only upon direction from the City Council following completion of Tasks 1 through 3 and presentation of the technical study findings.

4.1 Develop Alternatives. The project team will develop and evaluate a range of feasible rehabilitation and replacement alternatives for the existing bridge to address identified structural, hydraulic, seismic, operational, and multimodal deficiencies while supporting future federal funding eligibility and environmental clearance. Alternatives will include a No-Build Alternative, rehabilitation concepts, and full replacement concepts with varying bridge types, span arrangements, foundation systems, and construction staging approaches.

4.2 Alternatives Evaluation. Each alternative, developed in Task 4.1, will be evaluated based on the following:

- **A.** Structural performance & service life
- **B.** Seismic performance
- **C.** Hydraulic performance
- **D.** Constructability/staging
- **E.** Environmental impacts
- **F.** Alternative Transportation Operations Evaluation. The team will assess transportation impacts associated with each bridge alternative developed during the Advance Planning Study phase. Evaluation Criteria will include:
  - i. Vehicular capacity
  - ii. Bicycle and pedestrian accommodation
  - iii. ADA compliance
  - iv. Emergency access
  - v. Traffic calming opportunities
  - vi. Complete Streets consistency
  - vii. Compatibility with local and regional plans
- **G.** Cost (capital + lifecycle)
- **H.** Risk

4.3 Bridge Advance Planning Study (APS). BCA will develop an Advance Planning Study for bridge selection report. The study will provide for up to two replacement structure alternatives and two retrofit structure alternatives for recommendation. Coordination with Caltrans Structures Local Assistance is not included in the APS phase. The report will include the following:

- **A.** Project Overview
- **B.** Design Criteria
- **C.** Provides structure depth setting profile
- **D.** Alternatives Analysis and Recommendations
- **E.** Spans, width, depth, and type
- **F.** Bridge rail type
- **G.** Foundation types
- **H.** Vertical clearance
- **I.** Aesthetics and Historic Status
- **J.** Bridge removal, stage Construction
- **K.** Location of cut and fill slopes
- **L.** Stationing for roadway

M. Corrosion control measures

4.4 Recommended Alternative. Based on the results of the alternatives analysis, technical evaluations, stakeholder coordination, environmental considerations, and planning-level cost assessments, the project team will identify and recommend a preferred alternative for advancement into environmental clearance and preliminary engineering. The recommended alternative will be selected based on its ability to best satisfy the project Purpose and Need while balancing structural performance, hydraulic capacity, seismic resilience, multimodal access, constructability, environmental impacts, maintenance requirements, lifecycle cost, and overall project risk. The team will document the justification for selection of the preferred alternative, including a comparative evaluation of alternatives considered, key decision factors, and anticipated project benefits. The recommended alternative will also be evaluated for consistency with Caltrans standards and federal funding priorities, including improvements to safety, infrastructure resilience, emergency access, system reliability, and long-term asset sustainability. The preferred alternative and supporting rationale will be documented in the Advance Planning Study and used as the basis for subsequent environmental documentation, funding applications, and 35% preliminary design development.

4.5 Funding & Programming Support. The project team will support the City in advancing the project for state and federal funding opportunities and regional transportation programming. This task will include preparation of technical information, cost estimates, schedule assumptions, project descriptions, and supporting documentation necessary for applications associated with the Highway Bridge Program (HBP), Bridge Investment Program (BIP), and other applicable state or federal funding sources. The team will also provide project information and coordination support for inclusion in the FTIP/FSTIP and other applicable regional or statewide programming documents. In support of funding efforts, the team will prepare benefit narratives and supporting technical justification describing the project's anticipated improvements related to public safety, structural reliability, emergency access, multimodal connectivity, climate resilience, hydraulic performance, and long-term infrastructure sustainability. Funding support activities will be coordinated with the City, Caltrans, regional agencies, and other stakeholders as necessary to position the project for future grant competitiveness and delivery.

4.6 Outreach. Our team will support the outreach effort to property owners and community members within the project area to gather feedback on the recommended alternative. This effort will include the following activities.

A. **Project Communications.** Our team will update the project website with updated information related to the recommended alternative and schedule, along with opportunities to provide feedback. In addition, we will send mailers via hand delivery and/or USPS to businesses and residences in the project area to build awareness of the project website and opportunities to provide feedback

B. **Stakeholder Meeting.** CSWST2 will coordinate and facilitate a meeting with the project area businesses and residents to gather initial feedback on the recommended alternative.

C. **Pop-up Engagement.** Our team will conduct one on-site pop-up event to share the alternatives analysis, recommended alternative, and gather feedback.

4.7 Council Presentation. CSWST2 and BCA will present the findings of the alternatives analysis to the City Council and receive direction.

4.8 Contract Management. We will perform the tasks outlined in Task 1.4. We anticipate three (3) meetings during this phase of work.

Task 4 Deliverable:

- Recommended Alternative Memorandum
- Advance Planning Study / PID-level Alternatives Analysis Report

TASK 5 – ENVIRONMENTAL (PA&ED / NEPA-CEQA)

Goal: DDA will prepare environmental documentation pursuant to the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA), with the City of Capitola (City) as the lead CEQA agency and Caltrans as the lead NEPA agency (under NEPA Assignment Program Caltrans assumes role for the Federal Highway Administration). DDA assumes that an Initial Study/Environmental Assessment (IS/EA) with a corresponding Mitigated Negative Declaration/Finding of No Significant Impact (MND/FONSI) is the appropriate level of environmental documentation. DDA will also assist the City with procurement of appropriate regulatory permits. Note that if the IS/EA analysis determines that the Project could result in potentially significant impacts that cannot be mitigated to a less than significant level, an Environmental Impact Report and/ or Environmental Impact Statement would be required, and this scope would require amendment. DDA will reference previous environmental studies and use the information as a baseline to streamline the current environmental process as appropriate. It is estimated that the environmental clearance process will take approximately eighteen to thirty-six months to complete.

Note, this work may be amended or re-sequenced after alternative selection to ensure compliance with Caltrans and Regulatory Agency requirements. Task 5 is contingent upon City Council authorization following completion of Task 4 and selection of a preferred alternative. Task 5 would advance the project through environmental review, permitting, and environmental clearance.

5.1 Phase 1 Site Assessment. Sub task 5.1 description DDA's subconsultant will assess the site for potential presence of recognized environmental conditions (RECs) (i.e., levels of hazardous substances and/or petroleum products warranting regulatory cleanup action) and the uses and conditions at properties and facilities in the site vicinities with the potential to cause (or have caused) an REC at the site. The "vicinity" of the site would include properties/facilities within 1/8 mile of the Project area. The Phase I ESA will be performed in general accordance with the ASTM International (ASTM) Designation E 1527-

21 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. Preparation of the Phase I ESA will include a site reconnaissance, visual survey of adjacent properties, review of standard environmental records sources, review geological and other conditions in the Project area, review historical photographs and topographic maps, and review any additional information provided by the client including information obtained during the environmental process for removal of the bridge structure.

5.2 Project Description. Upon completion of the 35% design for the Proposed Project, DDA will initiate the environmental review for the Project. DDA will discuss the proposed improvements included for the Project with City staff and CSWST2, confirm expectations regarding the tasks to be completed, and gather information and data specific to the Project site. DDA will work closely with the Project team to develop the appropriate level of detail for the Project description. The Project description will describe the components of the Project as well as the environmental setting for the Project area. DDA will provide a draft description to the City and other members of the Project team, as appropriate, for review and comment. DDA will revise the Project description based on comments received by the Project team and use it as the basis for the Administrative Draft Initial Study/Environmental Assessment.

5.3 Technical Documentation

1. **Biological Resources Report.** DDA will conduct background research in relevant databases to identify the potential for federally and state-listed species or other special-status species to be within the Project area. DDA will develop a Biological Study Area (BSA) that covers direct and indirect impact areas for the Project. DDA will survey the BSA for plant and wildlife species, their signs, and/or potential habitat. DDA will inventory botanical and wildlife resources observed in the BSA and will identify and record existing vegetation communities in this area. DDA will summarize the results of the research and surveys in a Biological Resources Report (BRR) report. The BRR will include a discussion of the existing biological resources in the BSA, potential impacts on these resources as a result of the Project, and proposed mitigation measures to avoid, minimize, and/or mitigate these impacts to a less than significant level.
2. **Aquatic Resources Delineation.** DDA will delineate jurisdictional wetlands and waters of the United States (U.S.), as defined by the USACE, State Water Resources Control Board, and California Department of Fish and Wildlife (CDFW). To identify the boundaries of the waters of the U.S., DDA will identify the ordinary high-water mark (OHWM) for Soquel Creek within the BSA. The presence or absence of wetlands in the BSA will be verified through an analysis of hydrologic conditions, hydrophytic vegetation, and hydric soils. DDA will summarize existing site conditions

on waters of the U.S. and waters of the state in an Aquatic Resources Delineation (ARD) report. The ARD report will summarize the location of wetlands and other waters under jurisdiction of the USACE, Regional Water Quality Control Board (RWQCB), and CDFW within and immediately adjacent to the Project area.

3. **Noise Study Memorandum.** The Project is not anticipated to be capacity increasing and is not anticipated to be designated as a Type I noise Project per federal or state-recommended guidance. As a result, DDA's subconsultant, Ambient will develop a noise analysis limited to the assessment of short-term, construction-related impacts. A technical memorandum will be prepared to address short-term construction-related impacts associated with the Project. The memorandum will include a summary description of the existing noise environment, based on existing environmental documentation. Up to five short-term (e.g., 10-minute) noise measurements will be included. Noise measurement surveys will be conducted during the daytime hours at nearby land uses. Relevant background information, including noise fundamentals, descriptors, and applicable federal, state, and local regulatory framework, will be described.
   To assess potential construction noise impacts, nearby land uses and their relative exposure to the Project area (considering topographic barriers and distance) will be identified. Predicted construction-generated noise levels will be calculated using the Federal Highway Administration's (FHWA) Roadway Construction Noise Model (version 1.0) based on construction equipment anticipated to be required for the Project. Construction-generated noise levels at the nearest land uses will be identified and summarized in tabular format within the report. The significance of construction-generated noise and vibration impacts will be assessed in comparison to applicable standards and recommended significance thresholds. Mitigation measures will be identified for significant and potentially significant impacts. The effectiveness of proposed mitigation measures will be assessed and presented.
4. **Cultural Resources.** As part of this task, DDA's subcontractor Albion will identify and map the Area of Potential Effect (APE). The APE Map will depict the area that will be impacted by the Project, including staging and construction access area, utility relocation work, and off-site mitigation.

Albion will prepare a Cultural Resources Assessment Report (CRAR), which will follow the USACE, Section 408 and 404 Cultural Resource Assessment Report Guidelines and Template with a Section 106 technical report appendix. The CRAR will present the results of the cultural resource

surveys and analyses and provide recommendations for the City regarding the effect of the Project. The draft report will be subject to one round of review by the City and USACE.

Albion will also prepare a Section 106 Technical Report as an appendix to the CRAR for the proposed demolition of the bridge and construction of a replacement. As permitting agencies, the USACE and others will be responsible for compliance with Section 106 of the NHPA, which requires federal agencies to assess effects of undertakings on properties on or eligible for the NRHP. The technical report will assess the potential adverse effects on historic properties. It will include a description of the undertaking, the APE, the identification and description of the historic properties within the APE, a description of the results of the CRAR, an assessment of adverse effects based on the Criteria of Adverse Effects (36 CFR Section 800.5), and proposed mitigation measures. In addition, outreach will take place to interested parties.

5. **Air Quality/Greenhouse Gas Emissions.** DDA will prepare an Air Quality Study and Greenhouse Gas Emission (AQ/GHG) Assessment for the Project. DDA technical staff will prepare the air quality analysis for the Project using guidance from the Monterey Bay Air Resources District's (MBARD's) adopted CEQA Guidelines and the California Emissions Estimator Model (CalEEMod). The analysis will consider potential air quality related impacts resulting from the Project during construction and operation. The Project site is located in the North-Central Coast Air Basin (NCCAB), which includes all of Monterey, Santa Cruz, and San Benito counties. CalEEMod is a statewide land use emissions computer model designed to provide a uniform platform for government agencies, land use planners, and environmental professionals to quantify potential criteria pollutant and GHG emissions associated with both construction and operations from a variety of land use projects.

6. **Historical Resource Evaluation Report (HRER).** Although the bridge has been previously evaluated by Caltrans and identified as eligible for the NRHP (Category 2 bridge), there are several buildings that are located adjacent to the bridge that are more than 45 years old that will require evaluation for historic significance in accordance with the Caltrans SER. If any of these buildings have been previously identified, GPA will identify whether they would require reevaluation or maintain its prior evaluation status. The scope of work for the HRER includes the following tasks:

   - Research – Property-specific and general research will be conducted to develop relevant historic contexts for the potential historic properties. Research may include general historical information,

building permits, county tax assessor records, historic aerial photos, historic maps, Sanborn maps, etc.

- Evaluations/DPR 523 Inventory Forms – GPA will prepare the relevant historic contexts and evaluate all properties greater than 45 years of age within the project APE. The results of the evaluations will be recorded on DPR 523 inventory forms and included in the HRER. For the purposes of this scope and cost, we assume that no more than six (6) residential properties will require evaluation (not including the bridge). GPA will NOT reevaluate Stockton Avenue Bridge.
- Draft Historical Resource Evaluation Report (HRER) – GPA will prepare the draft HRER according to established Caltrans procedures and submit to the client for review.
- Final Historical Resource Evaluation Report (HRER)– GPA will revise the draft HRER based on comments. We assume three rounds of comments: one from the client, one from the City, and one from Caltrans.

7. **Draft Finding of Effect Document (FAE or FNAE)**. GPA will prepare a Finding of Effect (FOE) according to established Caltrans procedures and submit to the client for review. This scope and cost assumes no more than four (4) historic properties in the APE: the Stockton Bridge, and up to three additional potential historic properties. It is assumed the report's conclusion for the undertaking will be either a Finding of No Adverse Effect with Standard Conditions: SOIS Action Plan (see separate task for SOIS Action Plan) if the bridge can be rehabilitated OR a Finding of Adverse Effect and Memorandum of Agreement (see separate task for MOA below) if the bridge will be replaced in whole. The outline for each document will be prepared in accordance with Caltrans SER requirements.
8. **(Optional) SOIS Action Plan.** Based on GPA's current knowledge of the project, if the existing bridge could be rehabilitated instead of replaced, an SOIS Action Plan will be required to ensure that the project complies with the SOIS and avoids adverse effects to Stockton Bridge, throughout design and construction. The proposed scope of work for the SOIS Action Plan includes the following tasks:
    - Identify Action Plan Tasks and Responsible Parties – GPA will identify all necessary tasks related to plan reviews and construction monitoring to complete the SOIS Action Plan, as well as responsible parties from the project team, City, and Caltrans.

- Draft SOIS Action Plan – GPA will prepare a draft SOIS Action Plan according to Caltrans format and content requirements. It will include a summary of the project, the significance and character-defining features of the historic bridge, plan review and construction monitoring tasks, responsible parties, and required qualifications for members of the project team.
- Final SOIS Action Plan – The draft report will be revised based upon client comments. This scope and cost assumes three rounds of comments: one from the client, one from the City, and one from Caltrans.

9. **(Optional) MOA.** The optional MOA will only be required if the FOE report's conclusion for the undertaking is a Finding of Adverse Effect (for replacement of the bridge and/or effects on any adjacent historic properties, if identified in the HRER stage). The proposed scope of work for the optional MOA includes the following tasks:
    - Draft MOA – If the FOE determines that the undertaking will have an adverse effect on one or more historic property in the APE, GPA will prepare a draft MOA according to established Caltrans procedures and submit it to the client for review. It is assumed that Caltrans will provide a sample MOA for reference. For the purposes of this scope and cost, we assume that Stockton Bridge is the only property that will require resolution of adverse effects in the MOA stipulations.
    - Final MOA – GPA will revise the draft MOA based on comments received. We assume four rounds of comments: one from the client, one from the City, one from Caltrans, and one from SHPO.
10. **(Optional) Programmatic Section 4(f) Analysis.** Stockton Bridge (Bridge No. 36C-0110) is eligible for listing on the National Register of Historic Places and is considered a historic resource for the purposes of Section 4(f) of the Department of Transportation Act of 1966. If there is a Section 106 finding of "Adverse Effect", a Section 4(f) evaluation will be required to analyze potential impacts to this 4(f) resource. GPA will reference all existing documentation and perform any outstanding research related to attributes of the bridge, and will assist the client with the preparation of a Programmatic Section 4(f) Evaluation that will describe the Section 4(f) property, potential project impacts, avoidance alternatives, findings, and measures to minimize project impacts. GPA could be available to perform any necessary public outreach efforts and coordinate, as appropriate, with the agency with jurisdiction over the 4(f) property (State Historic Preservation Officer) to obtain the appropriate concurrence on

the 4(f) determination, as requested by the client, under a separate scope and fee.

5.4 Caltrans Technical Documentation. Pending the results of the Project Study Report (PSR), Preliminary Environmental Analysis Report (PEAR), and/or Preliminary Environmental Study (PES) DDA will prepare technical documentation to satisfy the environmental process for Caltrans. The list below is based upon DDA's experience with previous Caltrans projects and review of the resources associated with the Project. The results of the PSR, PEAR, and/or PES may define additional technical reports for Caltrans environmental compliance

1. **Natural Environmental Study (NES).** The NES will include documentation of the biological resources in the Project area and an assessment of the impacts of the Project alternatives on those resources. For projects with the potential to impact biological resources, a Natural Environment Study (NES) describes the existing biological environment and how the project alternatives affect that environment. A NES or NES Minimal Impact (MI) is prepared for all projects and serves as the technical basis for statements made in the environmental document, concerning plants, animals, and natural communities occurring in the biological study area. The NES summarizes technical documents such as focused species studies, wetland assessments, and biological assessments related to effects on biological resources in the Biological Study Area (BSA) for use in the environmental document. The NES will be developed using the Biological Resources Report and Aquatic Resources Delineation developed in Tasks 4.3.1 and 4.3.2, respectively.
2. **Biological Assessment.** A biological assessment (BA) is required for any project where federally listed species may be adversely affected, resulting in formal consultation, or affected but not adversely affected, resulting in informal consultation. In addition, even if there will be no effect on any federally listed species, the presence of proposed or designated critical habitat may require that a BA be prepared. This will be determined and presented in the BA.
   DDA's subconsultant, Applied Marine Sciences (AMS) will prepare a Biological Assessment (BA) to determine the Project impacts on threatened, endangered, or proposed species and habitats that shall be submitted for review by natural resource agencies (i.e., NMFS, USACE). Avoidance, minimization, and conservation measures will be evaluated as mitigation for the anticipated disturbances during in-water work activities to minimize adverse impacts to any state or federally listed species. This may include best management practices to avoid temporary changes in water quality due to increases in turbidity or

potential release of hazardous materials from onsite construction equipment.

5.5 Administrative Draft Initial Study/Environmental Assessment. Following completion of all appropriate technical analysis described above, DDA will prepare the Administrative Draft IS/EA for the Project in accordance with CEQA and NEPA requirements. The Administrative Draft IS/EA will describe the Project and identify and summarize significant impacts and whether they can or cannot be avoided. The topics expected to be addressed, a description of the analyses to be conducted, and the contents of those sections are discussed below. In addition, the significance of the impacts after implementation of mitigation measures, where necessary, will be included in the analysis. This scope of work includes two (2) rounds of revision on the Administrative Draft IS/EA based on comments received from the City. DDA anticipates that the Administrative Draft IS/EA will consist of the following components.

Introduction/Need for Proposed Action: This section will indicate that the documentation for the Project has been prepared pursuant to CEQA and NEPA regulations and guidance to evaluate the effects of the Project.

Project Description/Goals and Objectives/Affected Environment: The IS/EA will provide a description of the Project based on the data and mapping identified above, supplemental information provided by the Lead Agency, Project Manager, and DDA's data collection and review. As required by CEQA, the Project Description will be complete with the precise location and boundaries of the Project, a statement of the objectives of the Project, and a general description of the Project's technical, economic, environmental, engineering, and/or construction aspects. This section will be illustrated with plans, photographs, and other graphics as needed.

Environmental Setting/Impacts and Mitigation Measures/Consultation Summary: DDA will clearly define the environmental setting for the Project based on applicable environmental and regulatory documents and technical studies. This task includes establishing the baseline environmental conditions within the Project vicinity. This section will describe those aspects of the environment that may be affected by the implementation of the Project, specifically an analysis of the following topics:

- Physical environment – visual resources, air quality, greenhouse gas emissions, geology, soils, and seismic hazards, hydrology and water quality, and hazardous materials.
- Biological environment – vegetation and wildlife, including migratory birds and forestry resources.

- Social environment – cultural and tribal resources, land use, noise, population and housing, public services, utilities, and energy, recreation, and transportation and traffic.

As part of this section, DDA will analyze the environmental impacts that could result from the implementation of the Project. DDA will identify mitigation measures needed to reduce impacts to a less than significant level. DDA assumes that the IS/EA would include an analysis of the following topics:

- Aesthetics/Visual
- Mineral Resources
- Agricultural and Forest Resources
- Noise
- Air Quality
- Population and Housing
- Biological Resources
- Public Services
- Cultural Resources
- Recreation
- Energy
- Socioeconomics/Environmental Justice
- Geology and Soils
- Transportation
- Greenhouse Gas Emissions/Climate
- Change
- Tribal Cultural
- Resources
- Hazards and Hazardous Materials
- Utilities/Service Systems
- Hydrology and Water Quality
- Wildfire
- Land Use/Planning
- Mandatory Findings of Significance

This section would also include a summary of the Native American consultation efforts undertaken for the Project.

Alternatives: In accordance with NEPA requirements, the IS/EA will define and discuss reasonable alternatives to the Project, including the No Project Alternative, that could feasibly meet the Project objectives and potentially avoid or lessen any significant environmental impacts associated with the Project. DDA shall coordinate with the City and CSWST2 to determine a range of feasible

alternatives. The Alternatives Section in the IS/EA will include a comprehensive analysis of the alternatives carried forward for analysis, as well as describe the alternatives eliminated from the analysis and the rationale for elimination. This section will include a comparison of the alternatives and identify the environmentally superior alternative.

Bibliography/Persons Consulted: This section will include all cited background information, persons contacted, and individuals, agencies, and businesses that contributed to report preparation.

5.6 Draft Initial Study/Environmental Assessment. DDA will prepare the Public Review Draft IS/EA following the revisions on the 2nd Administrative Draft IS/EA. DDA will work with the City and CSWST2 to prepare all required notices for public circulation of the IS/EA. DDA will provide a copy in electronic PDF format to City and to responsible agencies. The document will be circulated for a public review period of 30 days, as required for state agency review under CEQA. As part of this task, DDA will be responsible for the development of the Draft and Final Notice of Completion (NOC), Summary Form, and Notice of Intent (NOI) for the Draft IS/EA. DDA is available to upload the environmental documentation and noticing to the Office of Planning and Research (OPR) CEQA Submit system. DDA will also assist with local posting of notices at the Project site, Santa Cruz County Clerk, and other locations as required. DDA will maintain a file of any comments received during the public circulation period for use in preparing the final document. It is assumed that DDA will not attend any public hearings during the public circulation process. Any filing fees associated with the Draft IS/EA MND/FONSI will be paid directly by the City.

5.7 Final Initial Study/Environmental Assessment. DDA will prepare responses to comments for review by City staff prior to completing the final environmental document. The final document will include a Mitigation Monitoring and Reporting Program (MMRP) that includes all mitigation measures that must be incorporated into the Project, or the bid documents, for ease of tracking. If the City decides to approve the Project, the Notice of Determination (NOD) will be filed with the County Clerk within five business days. This scope of work assumes that the City shall be responsible for filing the NOD and paying the required CDFW filing fee.

Following the conclusion of the 30-day review period, DDA will review the comments received on the Draft IS/EA and assist the City with responding to the comments as required. DDA, in consultation with the City, will prepare formal responses to these comments. The comment letters and responses, as well as any necessary changes to the text of the Draft IS/EA, will be the primary components of the Final IS/EA. DDA will provide

the Final IS/EA to the City for review and comment. This scope of work assumes that this would be limited to one (1) round of revisions on the Final IS/EA.

As part of this task, DDA will be responsible for the preparation of the Notice of Determination (NOD) after final adoption of the IS/MND. DDA will also prepare the appropriate CEQA and NEPA findings for the adoption of the MND and FONSI and approval of the Project. This scope of work assumes that the City staff or legal counsel will be responsible for preparing all accompanying staff reports and resolutions. In addition, this scope assumes that the City would file the NOD with the County Clerk and would be responsible for paying all required filing fees.

DDA will prepare a Mitigation Monitoring and Reporting Program (MMRP) in compliance with CEQA Guidelines Section 15091 and include it in the ultimate approval by the City in conjunction with the Project approval. The MMRP, at a minimum, will include the following information:

1. The full text of each mitigation measure
2. The monitoring and reporting requirements
3. The entity or entities responsible for implementation, reporting, and monitoring
4. The timing for implementation and monitoring.

DDA will also be responsible for posting the notices and sending the notices and final document to OPR and CEQAnet.

5.8 Regulatory Permitting. Soquel Creek is expected to fall under the jurisdiction of the USACE, RWQCB, and CDFW. If the Project will result in permanent and/or temporary impacts on Soquel Creek, a Section 404 Permit from the USACE, Water Quality Certification from the RWQCB, and 1602 Streambed Alteration Agreement from CDFW will be required. DDA will prepare the Pre-Construction Notification package for submittal to the USACE, application for a Section 401 Water Quality Certification for submittal to the RWQCB, and Streambed Alteration Notification package for submittal to the CDFW. The applications will include a brief description of the Project, an assessment of impacts on jurisdictional areas, proposed best management practices, and other pertinent Project information, as required by the regulatory agencies. This scope of work assumes that any filing fees associated with the regulatory permits will be paid directly by the City. This task includes one round of coordination with the regulatory agencies after the permit applications have been submitted.

5.9 Coastal Development Permit. As part of this scope of work, DDA will compile the CDP Application in coordination with CSWST2 and the City. DDA will prepare and submit a pre-application request form to the City to initiate the CDP process under the Local Coastal Program. After the City has conducted their initial review, a formal application will be provided by the City at a formal application meeting. DDA will be responsible for the

formal application submittal, and coordination with the City regarding any supplemental requests for information. After the formal submittal of the Project application, the City, as part of their interdepartmental review process, will have 30-days to determine whether the application is "complete." DDA will regularly communicate with the City during their review process to ensure that the Project completion determination is conducted in a timely manner. Please note that, depending on the nature of potential requests, a contract amendment may be necessary. DDA will review all City prepared staff reports and/or other supporting information as part of the City's deliberative process. This task assumes that DDA will coordinate any comments with the City. This task assumes that DDA will be available to participate in one (1) City hearing and one (1) Board of Supervisor's hearing (if the Project is appealed). DDA will be prepared to make presentations to each of the hearing bodies on behalf of the Project and address any potential concerns related to the Project.

5.10 **Project Management and Meeting Attendance.** DDA would provide Project Management services throughout the Project to ensure that key deliverables are completed on schedule and within the contract amount. DDA would routinely coordinate with CSWST2 and the City to provide progress reports as part of this task. DDA would attend to all aspects of managing the Project, including scheduling resources, handling team communication, sub-consultant management, and responding to requests for information. DDA would be available to participate in meetings and/or conference calls with CSWST2, the City, and other Project team members. These meetings would be scheduled on an as-needed basis and are in addition to those meetings identified above. If requested, DDA can be available to attend additional meetings and conference calls beyond those identified within the scope of the budget. This task also includes coordination with Caltrans on technical documentation and environmental clearance.

Task 5 Deliverables We will provide electronic (PDF, and MS Word) of the following documents:

- Phase 1 Site Assessment
- Project Description
- Biological Resources Report
- Aquatic Resources Delineation
- Noise Study Memorandum
- Cultural Resources Assessment Report
- Natural Environment Study
- Biological Assessment
- Section 106 Technical Report
- Administrative Draft Initial Study/Environmental Assessment Mitigated Negative Declaration/Finding of No Significant Impact

- Draft Initial Study/Environmental Assessment Mitigated Negative Declaration/Finding of No Significant Impact, Mitigation Monitoring and Reporting Program, Notice of Intent, and Notice of Completion
- Final Initial Study/Environmental Assessment Mitigated Negative Declaration/Finding of No Significant Impact and Notice of Determination
- Draft and Final HRER
- Draft and Final FOE
- Draft and Final SOIS Action Plan (Optional)
- Draft and Final MOA (Optional)
- Draft and Final Programmatic Section 4(f) Analysis (Optional)

TASK 6 – PRELIMINARY ENGINEERING (0% → 35%)

Goal: Advance preferred alternative to Caltrans Type Selection (35%). Note, Task 6 is contingent upon City Council authorization following completion of Task 4 and selection of a preferred alternative. Task 6 would advance the preferred alternative through preliminary engineering and approximately 35% design, completing the project's preliminary engineering phase.

6.1 Conceptual Design. Our team will develop the following conceptual level documents:

A. Bridge Type Selection Report. Our team will consolidate the collected data and develop a Bridge Type Selection Report in accordance with Caltrans standards. The report will include the following:

i. Proposed Structure Alternative Report and Design Criteria
ii. BSDS Forms
iii. As-built drawings
iv. Bridge plans
v. Project Risk Matrix
vi. Cost Estimate
vii. Preliminary Foundation Report (Engeo)

B. Conceptual Plans. To document the design, we will prepare the following plans:

i. Preliminary Grading and Drainage Plans and Details (CSWST2)
ii. Preliminary Utility Plans and Details (CSWST2)
iii. Horizontal and Vertical Alignment Plans (CSWST2)
iv. Preliminary Bridge General Plan (BCA)
v. Preliminary DRAFT Bridge Foundation Plan (BCA)
vi. Preliminary Staging and Traffic Handling (CSWST2)

6.2 35% Design Development

A. Technical Studies. Our team will prepare the following technical studies:

i. **Photometric Analysis.** Our team will complete a photometric analysis to determine how lighting at the bridge is achievable. We will ensure the proposed pedestrian scale lighting is consistent with City

and State standards. This will include ensuring lighting levels are both dark sky and temperature friendly.

ii. **Stormwater Control Plan.** We will evaluate options to integrate stormwater green infrastructure. Our team will develop these features consistent with Santa Cruz County's C.3 standards.

iii. **Bridge Hydrology and Hydraulics Report.** We will update the preliminary study outlined in Task 3.3.

iv. **Water Quality Study.** We will provide a draft Water Quality Study indicating no adverse impacts to water quality.

B. Plans. To document the design, we will prepare the following plans:

i. Title, Vicinity/Site, Key Map, and General Sheets (CSWST2)
ii. Demolition Plans (CSWST2)
iii. Existing Utility Plans (CSWST2)
iv. Preliminary Grading and Drainage Plans and Details (CSWST2)
v. Preliminary Utility Plans and Details (CSWST2)
vi. Horizontal and Vertical Alignment Plans (CSWST2)
vii. Bridge General Plan (BCA)
viii. DRAFT Bridge Foundation Plan (BCA)
ix. Preliminary Electrical Plans and Details
x. Preliminary Stormwater Management Plan (CSWST2)
xi. Traffic Management Plan (Fehr & Peers)
xii. Specifications Outline

6.3 Bridge Site Data Submittal (BSDS). Our team will prepare a Bridge Site Data Submittal package (BSDS) consistent with the Caltrans Office of Special Funded Projects (OSFP).

6.4 Right of Way Verification. The project team will conduct a preliminary right-of-way assessment to identify potential property, easement, and access constraints associated with the rehabilitation and replacement alternatives. This task will include a review of existing right-of-way records, assessor parcel maps, easements, and available title information to evaluate potential impacts to adjacent properties, access points, temporary construction easements, and staging areas. The assessment will identify potential right-of-way acquisition needs, coordination requirements, and property constraints that may affect project design, constructability, environmental clearance, schedule, or cost. Findings from this effort will be incorporated into the alternatives analysis, project risk assessment, and preliminary engineering development.

6.5 Cost Estimate & Risk. Our team will develop the following.

A. Cost Estimate. We will prepare a cost model consistent with the 35% documents and aligned with the budgets from the various funding sources.

B. Project Risk Matrix. We will develop a project risk matrix.

6.6 Outreach. Our team will support the outreach effort to property owners and community members within the project area to gather feedback on the preliminary design. This effort will include the following activities.

A. Project Communications. Our team will update the project website with updated information related to the preliminary design and schedule, along with opportunities to provide feedback. In addition, we will send mailers via hand delivery and/or USPS to businesses and residences in the project area to build awareness of the project website and opportunities to provide feedback

B. Stakeholder Meeting. CSWST2 will coordinate and facilitate a meeting with the project area businesses and residents to gather initial feedback on the preliminary design.

C. Pop-up Engagement. Our team will conduct one on-site pop-up event to share the alternatives analysis, preliminary design, and gather feedback.

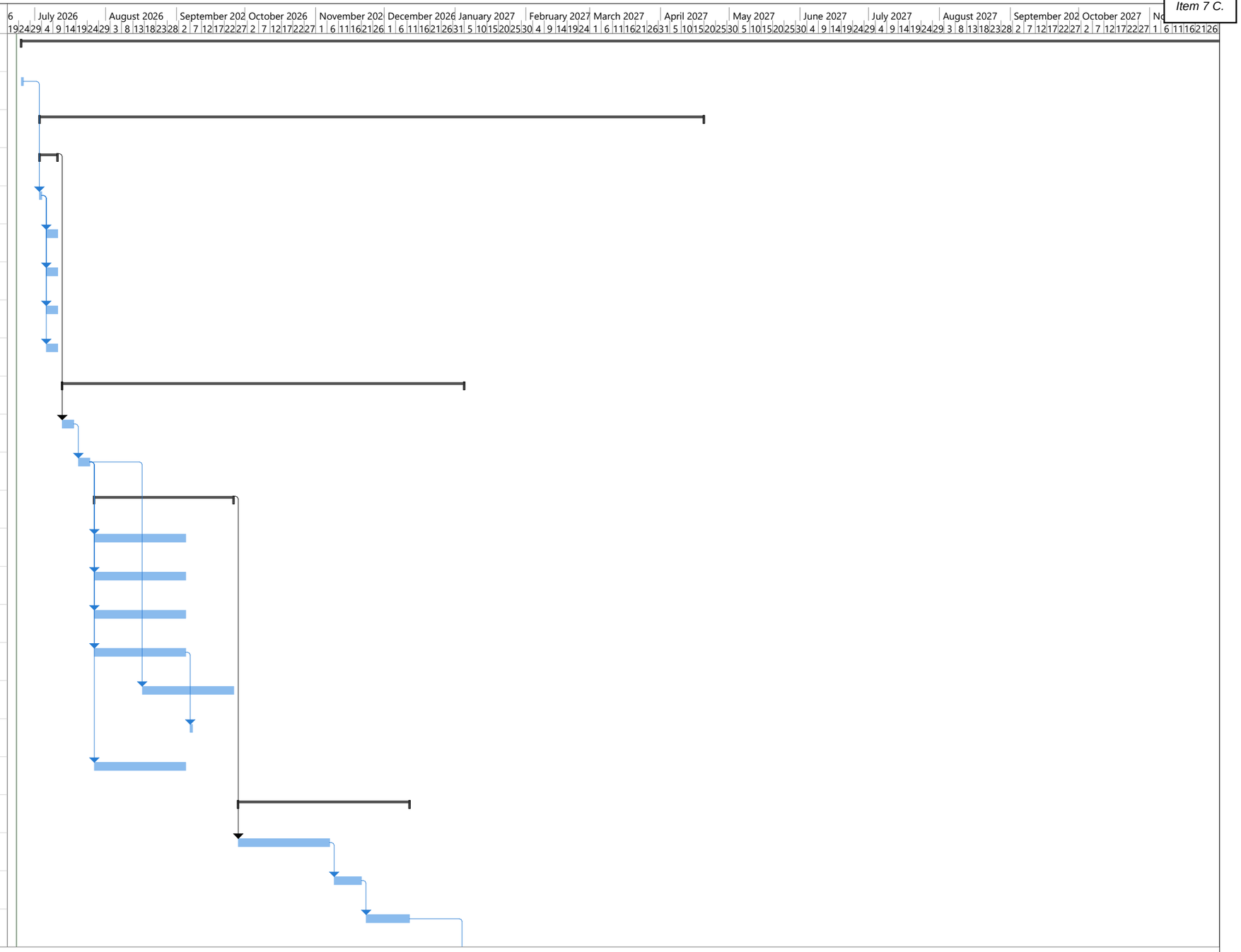
6.7 Council Presentation. CSWST2 and BCA will present the 35% design to the City Council.

6.8 Contract Management. We will perform the tasks outlined in Task 1.4. We anticipate three (3) meetings during this phase of work.

Task 6 Deliverables:

- 35% Plans
- Type Selection Report
- BSDS Package
- Cost Estimate & Risk Matrix

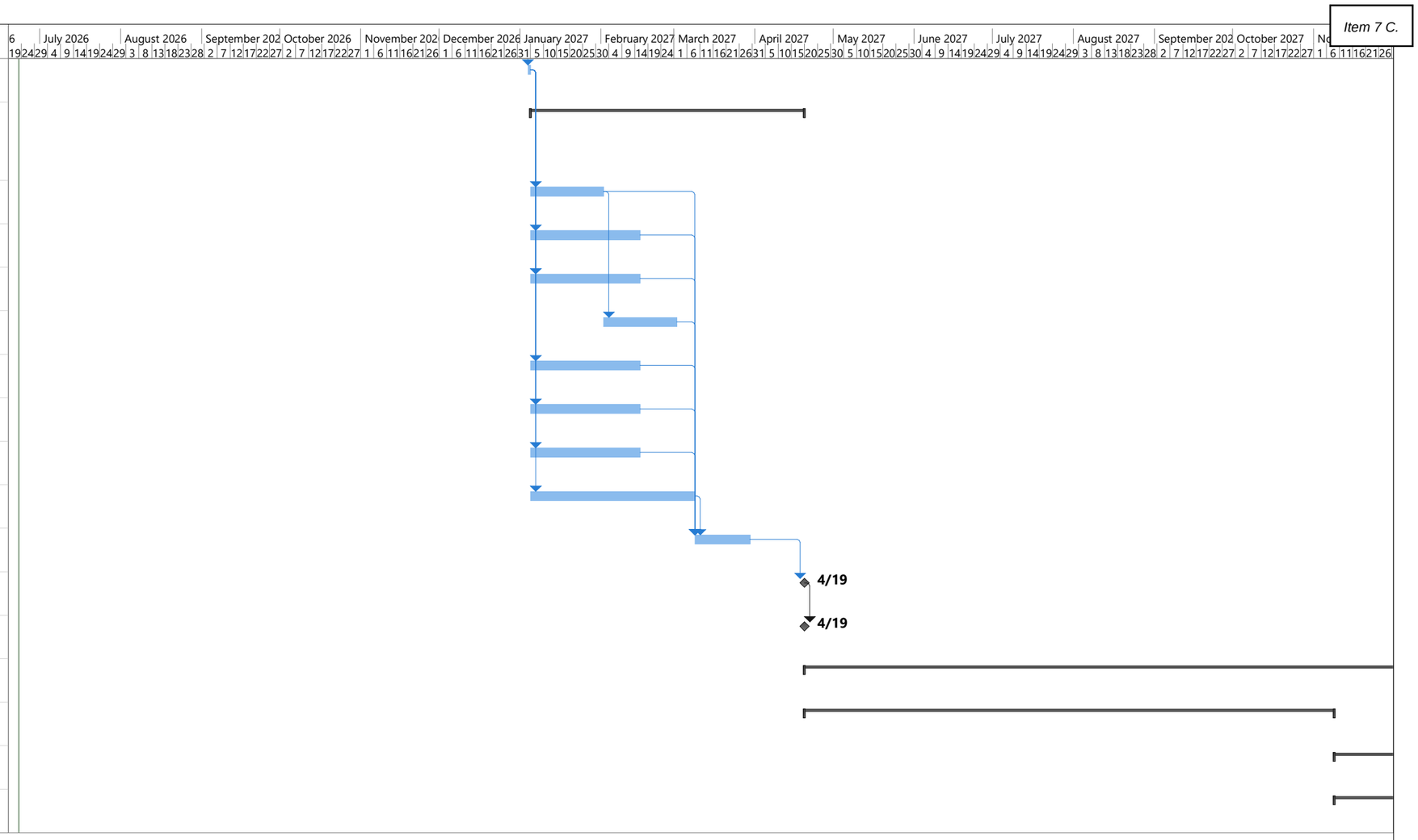
ID	Task Name	Duration	Start
1	**Stockton Avenue Bridge Project**	**662 days**	**Thu 6/25/26**
2	Council Authorization / NTP	1 day	Thu 6/25/26
3	**PHASE 1**	**207 days**	**Fri 7/3/26**
4	**Task 1 Project Initiation**	**6 days**	**Fri 7/3/26**
5	Project Kickoff	1 day	Fri 7/3/26
6	Purpose & Need Workshop	5 days	Mon 7/6/26
7	Funding Strategy Confirmation	5 days	Mon 7/6/26
8	Stakeholder Outreach Plan	5 days	Mon 7/6/26
9	Project Charter	5 days	Mon 7/6/26
10	**Task 2 Data Collection & Existing Conditions**	**126 days**	**Mon 7/13/26**
11	Collect Existing Documents	5 days	Mon 7/13/26
12	Review As-Builts	5 days	Mon 7/20/26
13	**Field Investigation**	**45 days**	**Mon 7/27/26**
14	Topographic Survey	30 days	Mon 7/27/26
15	Utility Mapping	30 days	Mon 7/27/26
16	Traffic Data Collection	30 days	Mon 7/27/26
17	Field Reconnaissance	30 days	Mon 7/27/26
18	Geotechnical Investigation	30 days	Mon 8/17/26
19	Historic Site Visit	1 day	Mon 9/7/26
20	Utility Coordination	30 days	Mon 7/27/26
21	**Bridge Condition Report**	**55 days**	**Mon 9/28/26**
22	Draft	30 days	Mon 9/28/26
23	City Review	10 days	Mon 11/9/26
24	Final	15 days	Mon 11/23/26



Project: Schedule - Final
Date: Tue 6/23/26

Task	Summary	Inactive Milestone	Duration-only	Start-only	External Milestone	Manual Progress
Split	Project Summary	Inactive Summary	Manual Summary Rollup	Finish-only	Deadline	
Milestone	Inactive Task	Manual Task	Manual Summary	External Tasks	Progress	

ID	Task Name	Duration	Start
25	Council Update	1 day	Mon 1/4/27
26	**Task 3 Technical Studies & Deficiency Analysis**	**75 days**	**Tue 1/5/27**
27	Structural Evaluation	20 days	Tue 1/5/27
28	Historic Assessment	30 days	Tue 1/5/27
29	Hydrology/Hydraulics Study	30 days	Tue 1/5/27
30	Seismic Screening	20 days	Tue 2/2/27
31	Traffic Operations Analysis	30 days	Tue 1/5/27
32	Detour Analysis	30 days	Tue 1/5/27
33	Environmental Constraints Memo	30 days	Tue 1/5/27
34	Outreach	45 days	Tue 1/5/27
35	Technical Findings Report	15 days	Tue 3/9/27
36	Council Presentation	0 days	Mon 4/19/27
37	Council Authorization Task 4	0 days	Mon 4/19/27
38	**Phase 2**	**449 days**	**Tue 4/20/27**
39	**Task 4 Alternatives Analysis & APS**	**145 days**	**Tue 4/20/27**
53	**Task 5 Environmental Clearance**	**304 days**	**Tue 11/9/27**
79	**Task 6 Preliminary Engineering**	**96 days**	**Tue 11/9/27**



Project: Schedule - Final
Date: Tue 6/23/26

Task | Summary | Inactive Milestone | Duration-only | Start-only | External Milestone | Manual Progress
Split | Project Summary | Inactive Summary | Manual Summary Rollup | Finish-only | Deadline
Milestone | Inactive Task | Manual Task | Manual Summary | External Tasks | Progress

STOCKTON AVENUE BRIDGE PROJECT **06.23.2026**
SUMMARY OF PROJECT COSTS

Phase 1

Task 1 Project Initiation & Scoping		
CSWST2	$	11,475
BIGGS CARDOSA	$	19,869
ENGEO	$	-
DENISE DUFFY & ASSOCIATES	$	-
GPA CONSULTING	$	2,167
FEHR & PEERS	$	2,169
Subtotal	**$**	**35,680**

Task 2 Data Collection & Existing Conditions		
CSWST2	$	63,625
BIGGS CARDOSA	$	47,332
ENGEO	$	50,068
DENISE DUFFY & ASSOCIATES	$	-
GPA CONSULTING	$	5,113
FEHR & PEERS	$	18,769
Subtotal	**$**	**184,905**

Task 3 Technical Studies & Deficiency Analysis		
CSWST2	$	32,300
BIGGS CARDOSA	$	75,659
ENGEO	$	-
DENISE DUFFY & ASSOCIATES	$	3,563
GPA CONSULTING	$	47,663
FEHR & PEERS	$	47,642
Subtotal	**$**	**206,827**

Reimbursable Expenses		
CSWST2	$	3,500
BIGGS CARDOSA	$	2,500
ENGEO	$	28,000
DENISE DUFFY & ASSOCIATES	$	10,000
GPA CONSULTING	$	-
FEHR & PEERS	$	3,500
Subtotal	**$**	**47,500**

Total Fee - Phase 1			
CSWST2	$	110,899	9%
BIGGS CARDOSA	$	145,360	12%
ENGEO	$	78,068	6%
DENISE DUFFY & ASSOCIATES	$	13,563	1%
GPA CONSULTING	$	54,943	4%
FEHR & PEERS	$	72,079	6%
Total	**$**	**474,912**	38%

Phase 2

Task 4 Alternatives Analysis & Advance Planning Study		
CSWST2	$	73,858
BIGGS CARDOSA	$	90,757
ENGEO	$	6,404
DENISE DUFFY & ASSOCIATES	$	-
GPA CONSULTING	$	2,988
FEHR & PEERS	$	-
Subtotal	**$**	**174,006**

Task 5 Environmental Clearance		
CSWST2	$	14,935
BIGGS CARDOSA	$	584
ENGEO	$	-
DENISE DUFFY & ASSOCIATES	$	269,883
GPA CONSULTING	$	54,132
FEHR & PEERS	$	-
Subtotal	**$**	**339,534**

Task 6 Preliminary Engineering (35%)		
CSWST2	$	93,058
BIGGS CARDOSA	$	107,265
ENGEO	$	6,404
DENISE DUFFY & ASSOCIATES	$	-
GPA CONSULTING	$	-
FEHR & PEERS	$	25,675
Subtotal	**$**	**232,402**

Reimbursable Expenses		
CSWST2	$	7,000
BIGGS CARDOSA	$	2,500
ENGEO	$	-
DENISE DUFFY & ASSOCIATES	$	69,319
GPA CONSULTING	$	-
FEHR & PEERS	$	-
Subtotal	**$**	**78,819**

STOCKTON AVENUE BRIDGE PROJECT **06.23.2026**
SUMMARY OF PROJECT COSTS

Total Fee			
CSWST2	$	296,251	24%
BIGGS CARDOSA	$	343,965	27%
ENGEO	$	62,875	5%
DENISE DUFFY & ASSOCIATES	$	342,765	27%
GPA CONSULTING	$	112,063	9%
FEHR & PEERS	$	94,254	8%
Total	**$**	**1,252,173**	100%

CERTIFICATION OF DIRECT COSTS:

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

1. Generally Accepted Accounting Principles (GAAP)
2. Terms and conditions of the contract
3. Title 23 United States Code Section 112 - Letting of Contracts
4. 48 Code of Federal Regulations Pare 31 - Contact Cost Principles and Procedures
5. 23 Code of Federal Regulations Part 172 - Procurement, Management, and Administration of Engineering and Designee Related Service
6. 48 Code of Federal Regulations Par 9904 - Cost Accounting Standards Board (when applicable

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state Local governments are responsible for applying only cognizant agency approved or CALTRANS accepted Indirect Cost Rate(s).

Prime Consultant

Name: Robert Stevens

Title: President

Signature:

Date: 06.23.2026

Email: rstevens@cswst2.com

Phone Number: 415.533.1864

STOCKTON AVENUE BRIDGE PROJECT

FEE PROPOSAL

CSW ST2

Submittal Date: 06.23.26

					CSWST2 Project Manager, Surveyor, Engineer and Outreach								
		Robert Stevens **Principal**	Julia Harberson **Sr. Project Manager**	Jessie Maran **Sr. Project Manager (Outreach)**	Brenda Payne **Graphic Illustrator**	Kristine Pillsbury **Senior Engineer**	Various **Engineer II**	Various **Engineer I**	Various **Surveyor II**	Various **Surveyor I**	**Two Person Survey Crew**	**Total Hours**	**Total Fee Proposal**
	2025 Hourly Rate ($/ hour)	85.00	85.00	85.00	50.00	70.00	60.00	50.00	60.00	50.00	107.00		
	Fringe	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
	Overhead	175.97%	175.97%	175.97%	175.97%	175.97%	175.97%	175.97%	175.97%	175.97%	175.97%		
	Profit	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%		
	Multiplier	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0		
	Billable Rate ($/ hour)	258.03	258.03	258.03	151.78	212.50	182.14	151.78	182.14	151.78	324.82		
Task 1	**Project Initiation & Scoping**												
1.1	**Project Kickoff**		2	2		2	2					8	$1,821
1.2	**Purpose & Need Development**		2			2	2	2				8	$1,609
1.3	**Stakeholder & Outreach Strategy**			8								8	$2,064
1.4	**Contract Management**												
	Project Management		10			5						15	$3,643
	Quality Control		2									2	$516
	Meetings		2	2		2	2					8	$1,821
	Task 1 Project Initiation & Scoping Subtotal:	**0**	**18**	**12**	**0**	**11**	**6**	**2**	**0**	**0**	**0**	**49**	**$11,475**
Task 2	**Data Collection & Existing Conditions**												
2.1	**Data Collection and Field Review**												
	Data Collection		4			6	8					18	$3,764
	Field Investigation								73	40	67	180	$41,130
	Traffic Data Collection											0	$0
	Geotechnical Investigation		2									2	$516
	Historic Architect Site Visit											0	$0
2.2	**Utility Coordination**		2				20	8				30	$5,373
2.3	**Bridge Condition Assessment Report & Basis of Design**												
	Draft		2			4	12					18	$3,552
	Final		2			2	12					16	$3,127
2.4	**City Council Update**		2			2						4	$941
2.5	**Contract Management**												
	Project Management		8									8	$2,064
	Quality Control	2										2	$516
	Meetings		6				6					12	$2,641
	Task 2 Data Collection & Existing Conditions Subtotal:	**2**	**28**	**0**	**0**	**14**	**58**	**8**	**73**	**40**	**67**	**290**	**$63,625**
Task 3	**Technical Studies & Deficiency Analysis**												
3.1	**Structural Evaluation**											0	$0
3.2	**Historic Architectural Assessment Reports (HPSR/HRER)**											0	$0
3.3	**Preliminary Bridge Hydrology and Hydraulics Report**		8			20	40					68	$13,600
3.4	**Seismic Screening**											0	$0
3.5	**Traffic & Operations**											0	$0
3.6	**Detour & Closure Analysis**											0	$0
3.7	**Environmental Constraints Memorandum**											0	$0
3.8	**Outreach**												
	Engagement Toolkit			12	24							36	$6,739
	Stakeholder Meeting		4	12	8		4					28	$6,071
3.9	**City Council Update**		2			2						4	$941
3.10	**Contract Management**												
	Project Management		2									2	$516
	Quality Control	2										2	$516
	Meetings		6			6	6					18	$3,916
	Task 3 Technical Studies & Deficiency Analysis Subtotal:	**2**	**22**	**24**	**32**	**28**	**50**	**0**	**0**	**0**	**0**	**158**	**$32,300**
Task 4	**Alternatives Analysis & Advance Planning Study**												
4.1	**Develop Alternatives**		12			12	16	16				56	$10,989
4.2	**Alternatives Evaluation**		8			8	20	20				56	$10,443
4.3	**Bridge Advance Planning Study (APS)**											0	$0
4.4	**Recommended Alternative**		8			12	20	8				48	$9,471
4.5	**Funding & Programming Support**		8			8						16	$3,764
4.6	**Detour & Closure Analysis**											0	$0
4.7	**Environmental Constraints Memorandum**											0	$0
4.8	**Outreach**												
	Project Communications			12	18							30	$5,828
	Stakeholder Meeting		4	12	4		4					24	$5,464
	Pop-up Engagement		4	24	24		4					56	$11,596
4.9	**City Council Presentation**		4			4						8	$1,882
4.10	**Contract Management**												
	Project Management		20									20	$5,161
	Quality Control	2										2	$516
	Meetings		16			8	16					40	$8,743
	Task 4 Alternatives Analysis & Advance Planning Study	**2**	**84**	**48**	**46**	**52**	**80**	**44**	**0**	**0**	**0**	**300**	**$73,858**
Task 5	**Environmental Clearance**												
5.1	**Phase 1 Site Assessment**											0	$0
5.2	**Project Description**		4			4						8	$1,882
5.3	**Technical Studies**												
	Biological Resources Assessment											0	$0
	Aquatic Resources Delineation											0	$0
	Noise Study memorandum											0	$0
	Cultural Resources											0	$0
	Air Quality/Greenhouse Gas Emissions											0	$0
	Historic Resources Effects Reports (FAE/FNAE)											0	$0
	(Optional) SOIS Action Plan											0	$0
	(Optional) MOA											0	$0
5.4	**Caltrans Technical Documentation**												
	Natural Environment Study											0	$0
	Biological Assessment											0	$0
5.5	**Administrative Draft Initial Study/Environmental**											0	$0
5.6	**Draft Initial Study/Mitigated Negative Declaration**											0	$0

STOCKTON AVENUE BRIDGE PROJECT

FEE PROPOSAL

CSW ST2

Submittal Date: 06.23.26

		CSWST2 Project Manager, Surveyor, Engineer and Outreach											
		Robert Stevens **Principal**	Julia Harberson **Sr. Project Manager**	Jessie Maran **Sr. Project Manager (Outreach)**	Brenda Payne **Graphic Illustrator**	Kristine Pillsbury **Senior Engineer**	Various **Engineer II**	Various **Engineer I**	Various **Surveyor II**	Various **Surveyor I**	**Two Person Survey Crew**	**Total Hours**	**Total Fee Proposal**
	2025 Hourly Rate ($/ hour)	85.00	85.00	85.00	50.00	70.00	60.00	50.00	60.00	50.00	107.00		
	Fringe	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
	Overhead	175.97%	175.97%	175.97%	175.97%	175.97%	175.97%	175.97%	175.97%	175.97%	175.97%		
	Profit	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%		
	Multiplier	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0		
	Billable Rate ($/ hour)	258.03	258.03	258.03	151.78	212.50	182.14	151.78	182.14	151.78	324.82		
5.7	**Final Initial Study/Mitigated Negative Declaration**											0	$0
5.8	**Regulatory Permitting**		8			8						16	$3,764
5.9	**Coastal Development Permit**		4			4						8	$1,882
5.10	**Contract Management**												
	Project Management		10			5						15	$3,643
	Quality Control											0	$0
	Meetings		8			8						16	$3,764
	Task 5 Environmental Clearance Subtotal:	**0**	**34**	**0**	**0**	**29**	**0**	**0**	**0**	**0**	**0**	**63**	**$14,935**
Task 6	**Preliminary Engineering (35%)**												
6.1	**Conceptual Design**												
	Bridge Type Selection Report		2				2					4	$880
	Conceptual Plans		2			8	20	20				50	$8,895
6.2	**Preliminary Engineering (35%)**												
	Technical Studies												
	Photometric Analysis					1	2	8				11	$1,791
	Stormwater Control Plan					1	2	8				11	$1,791
	Bridge Hydrology and Hydraulics Report		4			8	40					52	$10,018
	Water Quality Study		1			4	4	4				13	$2,444
	Plans		8			16	40	40				104	$18,821
6.3	**Bridge Site Data Submittal Package**											0	$0
6.4	**Right of Way Verification**											0	$0
6.5	**Cost Estimate & Risk**												
	Cost Estimate		2			2	8	8				20	$3,612
	Project Rsk Matrix		8			8	8	8				32	$6,436
6.6	**Outreach**												
	Project Communications			12	18							30	$5,828
	Stakeholder Meeting		4	12	4		4					24	$5,464
	Pop-up Engagement		4	24	24		4					56	$11,596
6.7	**City Council Presentation**		4			4						8	$1,882
6.8	**Contract Management**												
	Project Management		8									8	$2,064
	Quality Control	4										4	$1,032
	Meetings		20			8	20					48	$10,503
	Task 6 Preliminary Engineering (35%) Subtotal:	**4**	**67**	**48**	**46**	**60**	**154**	**96**	**0**	**0**	**0**	**475**	**$93,058**
	Total Labor Expenses:	**10**	**253**	**132**	**124**	**194**	**348**	**150**	**73**	**40**	**67**	**1335**	**$289,251**
Reimbursable Expenses													
General Expenses													$10,500
												Total Reimbursable Expenses:	**$10,500**
												Total CSWST2 Fee:	**$299,751**

Capitola - Stockton Avenue
Bridge Preliminary Evaluation & Design

COST PROPOSAL

Submittal Date: 06.12.25

BIGGS CARDOSA ASSOCIATES INC

			Biggs Cardosa Associates, Inc. Structural Engineering											
			Dan Devlin Senior Principal	Thomas Swayze Principal	John Alciati Associate	Greg Tolan Engineering Manager	Kara Horwald Project Engineer	Natsuki Okuda Project Engineer	Mandy Pederson Project Engineer	Komalpreet Mehroke Assistant Engineer	Pavlik Gribanovsky Junior Engineer	Steve Hickey Sr. CAD/BIM Specialist	Daniel Arredondo Sr. CAD/BIM Specialist	Joseph Doetsch Project Administrator	**Total Hours**	**Total Fee Proposal**
		2026 Hourly Rate ($/ hour)	130.38	114.23	96.06	88.85	63.75	64.62	65.19	46.73	36.00	64.62	51.92	53.94		
		Fringe	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
		Overhead	161.25%	161.25%	161.25%	161.25%	161.25%	161.25%	161.25%	161.25%	161.25%	161.25%	161.25%	161.25%		
		Profit	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%		
		Multiplier	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9		
		Billable Rate ($/ hour)	374.68	328.27	276.05	255.33	183.20	185.70	187.34	134.29	103.46	185.70	149.21	155.01		
Task 1	**Project Initiation & Scoping**															
1.1	**Project Kickoff**			6		6									12	$3,502
1.2	**Purpose & Need Development**			6		6									12	$3,502
1.3	**Stakeholder & Outreach Strategy**			4		2									6	$1,824
1.4	**Contract Management**															
	Project Management			8		8								6	22	$5,599
	Quality Control			2	2	2	4								10	$2,452
	Meetings			6		4									10	$2,991
	Task 1 Project Initiation & Scoping Subtotal:		**0**	**32**	**2**	**28**	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**6**	**72**	**$19,869**
Task 2	**Data Collection & Existing Conditions**															
2.1	**Data Collection and Field Review**															
	Data Collection					4			12						16	$3,269
	Field Investigation					8			8						16	$3,541
	Traffic Data Collection														0	$0
	Geotechnical Investigation		1	6		8									15	$4,387
	Historic Architect Site Visit														0	$0
2.2	**Bridge Condition Assessment Report & Basis of Design**															
	Draft			6		10		24							40	$8,980
	Final		1	6		12		12							31	$7,637
2.3	**City Council Update**			8		6									14	$4,158
2.4	**Contract Management**															
	Project Management			8		8								8	24	$5,909
	Quality Control		1		8		12								21	$4,782
	Meetings			8		8									16	$4,669
	Task 2 Data Collection & Existing Conditions Subtotal:		**3**	**42**	**8**	**64**	**12**	**36**	**20**	**0**	**0**	**0**	**0**	**8**	**193**	**$47,332**
Task 3	**Technical Studies & Deficiency Analysis**															
3.1	**Structural Evaluation**		3	8		16		36		36	16				115	$21,011
3.2	**Historic Architectural Assessment Reports (HPSR/HRER)**			4		4									8	$2,334
3.3	**Preliminary Bridge Hydrology and Hydraulics Report.**		1	4		6									11	$3,220
3.4	**Seismic Screening**		4	8		20		32		32	16				112	$21,127
3.5	**Traffic & Operations**			3		3									6	$1,751
3.6	**Detour & Closure Analysis**			3		3									6	$1,751
3.7	**Environmental Constraints Memorandum**														0	$0
3.8	**Outreach**															
	Electronic Updates/Mailers														0	$0
	Stakeholder Meeting														0	$0
3.9	**City Council Update**			8		6									14	$4,158
3.10	**Contract Management**															
	Project Management			10		8								8	26	$6,565
	Quality Control		2		10		24								36	$7,907
	Meetings			10		10									20	$5,836
	Task 3 Technical Studies & Deficiency Analysis Subtotal:		**10**	**58**	**10**	**76**	**24**	**68**	**0**	**68**	**32**	**0**	**0**	**8**	**354**	**$75,659**
Task 4	**Alternatives Analysis & Advance Planning Study**															
4.1	**Develop Alternatives**		2	6		8		12		24					52	$10,213
4.2	**Alternatives Evaluation**		2	6		16		28		32	32				116	$19,612
4.3	**Bridge Advance Planning Study (APS)**		2	6		16		32				28	16		100	$20,334
4.4	**Recommended Alternative**		1	4		12		20							37	$8,466
4.5	**Funding & Programming Support**			8		8									16	$4,669
4.6	**Detour & Closure Analysis**														0	$0
4.7	**Environmental Constraints Memorandum**														0	$0
4.8	**Outreach**															
	Electronic Updates/Mailers														0	$0
	Stakeholder Meeting														0	$0
	Pop-up Engagement														0	$0
4.9	**City Council Presentation**			10		10									20	$5,836
4.10	**Contract Management**															
	Project Management			8		8								8	24	$5,909
	Quality Control		2		10		32								44	$9,372
	Meetings			10		12									22	$6,347
	Task 4 Alternatives Analysis & Advance Planning Study		**9**	**58**	**10**	**90**	**32**	**92**	**0**	**56**	**32**	**28**	**16**	**8**	**431**	**$90,757**
Task 5	**Environmental Clearance**															
5.1	**Phase 1 Site Assessment**														0	$0
5.2	**Project Description**														0	$0
5.3	**Technical Studies**															
	Biological Resources Assessment														0	$0
	Aquatic Resources Delineation														0	$0
	Noise Study memorandum														0	$0
	Cultural Resources														0	$0
	Air Quality/Greenhouse Gas Emissions														0	$0
	Historic Resources Effects Reports (FAE/FNAE)														0	$0
	(Optional) SOIS Action Plan														0	$0
	(Optional) MOA														0	$0
5.4	**Caltrans Technical Documentation**															
	Natural Environment Study														0	$0
	Biological Assessment														0	$0
5.5	**Assessment**														0	$0
5.6	**Draft Initial Study/Mitigated Negative Declaration**														0	$0
5.7	**Final Initial Study/Mitigated Negative Declaration**														0	$0
5.8	**Regulatory Permitting**														0	$0
5.9	**Coastal Development Permit**														0	$0
5.95	**Historic Approval**			6		8									14	$4,012
5.10	**Contract Management**															
	Project Management			2		2									4	$1,167
	Quality Control														0	$0
	Meetings			1		1									2	$584
	Task 5 Environmental Clearance Subtotal:		**0**	**9**	**0**	**11**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**20**	**$5,763**
Task 6	**Preliminary Engineering (35%)**															
6.1	**Preliminary Engineering (35%)**															
	Bridge Type Selection Report		6	16		16		24		40					102	$21,414
	Conceptual Plans			8		12		24		40		28			112	$20,718
6.2	**Preliminary Engineering (35%)**															
	Technical Studies															
	Photometric Analysis														0	$0
	Stormwater Control Plan														0	$0
	Bridge Hydrology and Hydraulics Report			2		2									4	$1,167
	Water Quality Study														0	$0
	Plans			4		16		36				40	16		112	$21,899
6.3	**Bridge Site Data Submittal Package**			2		8		20			20				50	$8,482

Capitola - Stockton Avenue
Bridge Preliminary Evaluation & Design

COST PROPOSAL

BIGGS CARDOSA ASSOCIATES INC

		Biggs Cardosa Associates, Inc. Structural Engineering													
		Dan Devlin Senior Principal	Thomas Swayze Principal	John Alciati Associate	Greg Tolan Engineering Manager	Kara Horwald Project Engineer	Natsuki Okuda Project Engineer	Mandy Pederson Project Engineer	Komalpreet Mehroke Assistant Engineer	Pavlik Gribanovsky Junior Engineer	Steve Hickey Sr. CAD/BIM Specialist	Daniel Arredondo Sr. CAD/BIM Specialist	Joseph Doetsch Project Administrator	Total Hours	Total Fee Proposal
Submittal Date: 06.12.25															
2026 Hourly Rate ($/ hour)		130.38	114.23	96.06	88.85	63.75	64.62	65.19	46.73	36.00	64.62	51.92	53.94		
Fringe		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
Overhead		161.25%	161.25%	161.25%	161.25%	161.25%	161.25%	161.25%	161.25%	161.25%	161.25%	161.25%	161.25%		
Profit		10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%		
Multiplier		2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9		
Billable Rate ($/ hour)		374.68	328.27	276.05	255.33	183.20	185.70	187.34	134.29	103.46	185.70	149.21	155.01		
6.4	**Right of Way Verification**													0	$0
6.5	**Cost Estimate & Risk**														
	Cost Estimate	1	2		10		10			16				39	$7,097
	Project Rsk Matrix													0	$0
6.6	**Outreach**														
	Electronic Updates													0	$0
	Stakeholder Meeting													0	$0
	Pop-up Engagement													0	$0
6.7	**City Council Presentation**													0	$0
6.8	**Contract Management**														
	Project Management		8		8								8	24	$5,909
	Quality Control			16		48								64	$13,211
	Meetings		10		16									26	$7,368
Task 6 Preliminary Engineering (35%) Subtotal:		**7**	**52**	**16**	**88**	**48**	**114**	**0**	**80**	**36**	**68**	**16**	**8**	**533**	**$107,265**
Total Labor Expenses:		**29**	**251**	**46**	**357**	**120**	**310**	**20**	**204**	**100**	**96**	**32**	**38**	**1603**	**$346,645**
Reimbursable Expenses															
General Expenses															$5,000
														Total Reimbursable Expenses:	**$5,000**
														Total BCA Fee:	**$351,645**

STOCKTON AVENUE BRIDGE PROJECT

FEE PROPOSAL

		ENGEO Geotechnical Engineer								
	Submittal Date: 06.23.26	Various Principal	Various Associate	Various Senior Engineer	Various Project Engineer	Various Staff Engineer	Various CAD Specialist	Various Project Assistant	Total Hours	Total Fee Proposal
	2025 Hourly Rate ($/ hour)	129.81	76.92	62.50	50.48	43.75	53.37	62.50		
	Fringe	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
	Overhead	272.00%	272.00%	272.00%	272.00%	272.00%	272.00%	272.00%		
	Profit	10%	10%	10%	10%	10%	10%	10%		
	Multiplier	4.1	4.1	4.1	4.1	4.1	4.1	4.1		
	Billable Rate ($/ hour)	531.18	314.76	255.75	206.56	179.03	218.39	255.75		
Task 1	**Project Initiation & Scoping**									
1.1	**Project Kickoff**								0	$0
1.2	**Purpose & Need Development**								0	$0
1.3	**Stakeholder & Outreach Strategy**								0	$0
1.4	**Contract Management**									
	Project Management								0	$0
	Quality Control								0	$0
	Meetings								0	$0
	Task 1 Project Initiation & Scoping Subtotal:	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**$0**
Task 2	**Data Collection & Existing Conditions**									
2.1	**Data Collection and Field Review**									
	Data Collection								0	$0
	Field Investigation								0	$0
	Traffic Data Collection								0	$0
	Geotechnical Investigation	30	10	10	80	40	10	10	190	$50,068
	Historic Architect Site Visit								0	$0
2.2	**Utility Coordination**								0	$0
2.3	**Bridge Condition Assessment Report & Basis of Design**									
	Draft								0	$0
	Final								0	$0
2.4	**City Council Update**								0	$0
2.5	**Contract Management**									
	Project Management								0	$0
	Quality Control								0	$0
	Meetings								0	$0
	Task 2 Data Collection & Existing Conditions Subtotal:	**30**	**10**	**10**	**80**	**40**	**10**	**10**	**190**	**$50,068**
Task 3	**Technical Studies & Deficiency Analysis**									
3.1	**Structural Evaluation**								0	$0
3.2	**Historic Architectural Assessment Reports (HPSR/HRER)**								0	$0
3.3	**Preliminary Bridge Hydrology and Hydraulics Report**								0	$0
3.4	**Seismic Screening**								0	$0
3.5	**Traffic & Operations**								0	$0
3.6	**Detour & Closure Analysis**								0	$0
3.7	**Environmental Constraints Memorandum**								0	$0
3.8	**Outreach**									
	Electronic Updates/Mailers								0	$0
	Stakeholder Meeting								0	$0
3.9	**City Council Update**								0	$0
3.10	**Contract Management**									
	Project Management								0	$0
	Quality Control								0	$0
	Meetings								0	$0
	Task 3 Technical Studies & Deficiency Analysis Subtotal:	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**$0**
Task 4	**Alternatives Analysis & Advance Planning Study**									
4.1	**Develop Alternatives**									
4.2	**Alternatives Evaluation**	3	3	3	15				24	$6,404
4.3	**Bridge Advance Planning Study (APS)**								0	$0
4.4	**Recommended Alternative**								0	$0
4.5	**Funding & Programming Support**								0	$0
4.6	**Detour & Closure Analysis**								0	$0
4.7	**Environmental Constraints Memorandum**								0	$0
4.8	**Outreach**									
	Electronic Updates/Mailers								0	$0
	Stakeholder Meeting								0	$0
	Pop-up Engagement								0	$0
4.9	**City Council Presentation**								0	$0
4.10	**Contract Management**									
	Project Management								0	$0
	Quality Control								0	$0
	Meetings								0	$0
	Task 4 Alternatives Analysis & Advance Planning Study	**3**	**3**	**3**	**15**	**0**	**0**	**0**	**24**	**$6,404**
Task 5	**Environmental Clearance**									
5.1	**Phase 1 Site Assessment**								0	$0
5.2	**Project Description**								0	$0
5.3	**Technical Studies**									
	Biological Resources Assessment								0	$0
	Aquatic Resources Delineation								0	$0
	Noise Study memorandum								0	$0
	Cultural Resources								0	$0
	Air Quality/Greenhouse Gas Emissions								0	$0

STOCKTON AVENUE BRIDGE PROJECT

FEE PROPOSAL

		ENGEO Geotechnical Engineer								
	Submittal Date: 06.23.26	Various Principal	Various Associate	Various Senior Engineer	Various Project Engineer	Various Staff Engineer	Various CAD Specialist	Various Project Assistant	Total Hours	Total Fee Proposal
	2025 Hourly Rate ($/ hour)	129.81	76.92	62.50	50.48	43.75	53.37	62.50		
	Fringe	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
	Overhead	272.00%	272.00%	272.00%	272.00%	272.00%	272.00%	272.00%		
	Profit	10%	10%	10%	10%	10%	10%	10%		
	Multiplier	4.1	4.1	4.1	4.1	4.1	4.1	4.1		
	Billable Rate ($/ hour)	531.18	314.76	255.75	206.56	179.03	218.39	255.75		
	Historic Resources Effects Reports (FAE/FNAE)								0	$0
	(Optional) SOIS Action Plan								0	$0
	(Optional) MOA								0	$0
5.4	**Caltrans Technical Documentation**									
	Natural Environment Study								0	$0
	Biological Assessment								0	$0
5.5	**Administrative Draft Initial Study/Environmental**								0	$0
5.6	**Draft Initial Study/Mitigated Negative Declaration**								0	$0
5.7	**Final Initial Study/Mitigated Negative Declaration**								0	$0
5.8	**Regulatory Permitting**								0	$0
5.9	**Coastal Development Permit**								0	$0
5.10	**Contract Management**									
	Project Management								0	$0
	Quality Control								0	$0
	Meetings								0	$0
	Task 5 Environmental Clearance Subtotal:	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**$0**
Task 6	**Preliminary Engineering (35%)**									
6.1	**Conceptual Design**									
	Bridge Type Selection Report	3	3	3	15				24	$6,404
	Conceptual Plans								0	$0
6.2	**Preliminary Engineering (35%)**									
	Technical Studies									
	Photometric Analysis								0	$0
	Stormwater Control Plan								0	$0
	Bridge Hydrology and Hydraulics Report								0	$0
	Water Quality Study								0	$0
	Plans								0	$0
6.3	**Bridge Site Data Submittal Package**								0	$0
6.4	**Right of Way Verification**								0	$0
6.5	**Cost Estimate & Risk**									
	Cost Estimate								0	$0
	Project Rsk Matrix								0	$0
6.6	**Outreach**									
	Electronic Updates								0	$0
	Stakeholder Meeting								0	$0
	Pop-up Engagement								0	$0
6.7	**City Council Presentation**								0	$0
6.8	**Contract Management**									
	Project Management								0	$0
	Quality Control								0	$0
	Meetings								0	$0
	Task 6 Preliminary Engineering (35%) Subtotal:	**3**	**3**	**3**	**15**	**0**	**0**	**0**	**24**	**$6,404**
	Total Labor Expenses:	**36**	**16**	**16**	**110**	**40**	**10**	**10**	**238**	**$62,875**
Reimbursable Expenses										
Task 2.1 - Subcontractors (Traffic Control, CPT rig), Permits, Mileage										$28,000
	Total Reimbursable Expenses:									**$28,000**
	Total Fee:									**$90,875**

STOCKTON AVENUE BRIDGE PROJECT

FEE PROPOSAL

Submittal Date: 06.23.26

	Denise Duffy & Associates Environmental Permitting								
	Principal	Senior Project Manager	Senior Planner/Scientist II	Assoc Planner/Scientist	Asst Planner/Scientist	GIS/Computer Specialist	Admin/Editing	Total Hours	Total Fee Proposal
2025 Hourly Rate ($/ hour)	94.25	68.50	62.75	48.00	41.75	44.75	33.25		
Fringe	58.17%	58.17%	58.17%	58.17%	58.17%	58.17%	58.17%		
Overhead	######	######	######	######	######	######	######		
Profit	10%	10%	10%	10%	10%	10%	10%		
Multiplier	3.1	3.1	3.1	3.1	3.1	3.1	3.1		
Billable Rate ($/ hour)	289.49	210.40	192.74	147.43	128.24	137.45	102.13		
Task 1 Project Initiation & Scoping									
1.1 Project Kickoff								0	$0
1.2 Purpose & Need Development								0	$0
1.3 Stakeholder & Outreach Strategy								0	$0
1.4 Contract Management									
Project Management								0	$0
Quality Control								0	$0
Meetings								0	$0
Task 1 Project Initiation & Scoping Subtotal:	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**$0**
Task 2 Data Collection & Existing Conditions									
2.1 Data Collection and Field Review									
Data Collection								0	$0
Field Investigation								0	$0
Traffic Data Collection								0	$0
Geotechnical Investigation								0	$0
Historic Architect Site Visit								0	$0
2.2 Utility Coordination								0	$0
2.3 Bridge Condition Assessment Report & Basis of Design									
Draft								0	$0
Final								0	$0
2.4 City Council Update								0	$0
2.5 Contract Management									
Project Management								0	$0
Quality Control								0	$0
Meetings								0	$0
Task 2 Data Collection & Existing Conditions Subtotal:	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**$0**
Task 3 Technical Studies & Deficiency Analysis									
3.1 Structural Evaluation								0	$0
3.2 Historic Architectural Assessment Reports (HPSR/HRER)								0	$0
3.3 Preliminary Bridge Hydrology and Hydraulics Report								0	$0
3.4 Seismic Screening								0	$0
3.5 Traffic & Operations								0	$0
3.6 Detour & Closure Analysis								0	$0
3.7 Environmental Constraints Memorandum		4	8	8				20	$3,563
3.8 Outreach									
Electronic Updates/Mailers								0	$0
Stakeholder Meeting								0	$0
3.9 City Council Update								0	$0
3.10 Contract Management									
Project Management								0	$0
Quality Control								0	$0
Meetings								0	$0
Task 3 Technical Studies & Deficiency Analysis Subtotal:	**0**	**4**	**8**	**8**	**0**	**0**	**0**	**20**	**$3,563**
Task 4 Alternatives Analysis & Advance Planning Study									
4.1 Develop Alternatives									
4.2 Alternatives Evaluation								0	$0
4.3 Bridge Advance Planning Study (APS)								0	$0
4.4 Recommended Alterantive								0	$0
4.5 Funding & Programming Support								0	$0
4.6 Detour & Closure Analysis								0	$0
4.7 Environmental Constraints Memorandum								0	$0
4.8 Outreach									
Electronic Updates/Mailers								0	$0
Stakeholder Meeting								0	$0
Pop-up Engagement								0	$0
4.9 City Council Presentation								0	$0
4.10 Contract Management									
Project Management								0	$0
Quality Control								0	$0
Meetings								0	$0
Task 4 Alternatives Analysis & Advance Planning Study	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**$0**
Task 5 Environmental Clearance									
5.1 Phase 1 Site Assessment	2	4					2	8	$1,625
5.2 Project Description	2	16	8	12	16	12	2	68	$11,162
5.3 Technical Studies									
Biological Resources Assessment		8	8	24	16	10	4	70	$10,598
Aquatic Resources Delineation		8	8	24	16	10	4	70	$10,598
Noise Study memorandum		8	4	8	8		2	30	$4,864
Cultural Resources		12	8	8	8		2	38	$6,476
Air Quality/Greenhouse Gas Emissions		8	8	16	24		2	58	$8,866
Historic Resources Effects Reports (FAE/FNAE)		8	8	16	24		2	58	$8,866
(Optional) SOIS Action Plan		8	8	16	24		2	58	$8,866
(Optional) MOA		8	8	16	24		2	58	$8,866
5.4 Caltrans Technical Documentation									
Natural Environment Study	2	16	24	36	48	16	6	148	$22,846

STOCKTON AVENUE BRIDGE PROJECT

FEE PROPOSAL

Submittal Date: 06.23.26

		Denise Duffy & Associates Environmental Permitting								
		Principal	Senior Project Manager	Senior Planner/Scientist II	Assoc Planner/Scientist	Asst Planner/Scientist	GIS/Computer Specialist	Admin/Editing	Total Hours	Total Fee Proposal
	2025 Hourly Rate ($/ hour)	94.25	68.50	62.75	48.00	41.75	44.75	33.25		
	Fringe	58.17%	58.17%	58.17%	58.17%	58.17%	58.17%	58.17%		
	Overhead	######	######	######	######	######	######	######		
	Profit	10%	10%	10%	10%	10%	10%	10%		
	Multiplier	3.1	3.1	3.1	3.1	3.1	3.1	3.1		
	Billable Rate ($/ hour)	289.49	210.40	192.74	147.43	128.24	137.45	102.13		
	Biological Assessment		8	8	16	24	4	4	64	$9,620
5.5	**Administrative Draft Initial Study/Environmental**	6	20	32	60	48	16	8	190	$30,130
5.6	**Draft Initial Study/Mitigated Negative Declaration**	4	16	24	32	40	16	8	140	$22,014
5.7	**Final Initial Study/Mitigated Negative Declaration**	2	4	24	24	24	8	6	92	$14,375
5.8	**Regulatory Permitting**	2	16	16	60	60	32	6	192	$28,581
5.9	**Coastal Development Permit**	4	20	24	36	36	16	6	142	$22,728
5.10	**Contract Management**									
	Project Management		60						60	$12,624
	Quality Control							40	40	$4,085
	Meetings	4	60	16	16	16		8	120	$22,094
	Task 5 Environmental Clearance Subtotal:	**28**	**308**	**236**	**420**	**456**	**140**	**116**	**1704**	**$269,883**
Task 6	**Preliminary Engineering (35%)**									
6.1	**Conceptual Design**									
	Bridge Type Selection Report								0	$0
	Conceptual Plans								0	$0
6.2	**Preliminary Engineering (35%)**									
	Technical Studies									
	Photometric Analysis								0	$0
	Stormwater Control Plan								0	$0
	Bridge Hydrology and Hydraulics Report								0	$0
	Water Quality Study								0	$0
	Plans								0	$0
6.3	**Bridge Site Data Submittal Package**								0	$0
6.4	**Right of Way Verification**								0	$0
6.5	**Cost Estimate & Risk**									
	Cost Estimate								0	$0
	Project Rsk Matrix								0	$0
6.6	**Outreach**									
	Electronic Updates								0	$0
	Stakeholder Meeting								0	$0
	Pop-up Engagement								0	$0
6.7	**City Council Presentation**								0	$0
6.8	**Contract Management**									
	Project Management								0	$0
	Quality Control								0	$0
	Meetings								0	$0
	Task 6 Preliminary Engineering (35%) Subtotal:	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**$0**
	Total Labor Expenses:	**28**	**312**	**244**	**428**	**456**	**140**	**116**	**1724**	**$273,446**
Reimbursable Expenses										
Printing/Copies (assumes 15 hard copies @ $30 ea)										$450
Equipment (GPS, UAV, etc)										$1,750
Mileage (at current IRS mileage rate)										$750
Miscellaneous (hardcopies, phone, fax, cellular, postage, courier etc.)										$1,000
Administration Fee										$7,737
	Total Reimbursable Expenses:									**$11,687**
	Total Fee:									**$285,133**
Subconsultants										
Albion										$16,232
Albion - ASR										$10,000
Applied Marin Science										$19,000
Ambient										$7,900
Phase 1 Subconsultant										$4,500
	Total Subconsultant Fees:									**$57,632**
	Total Project Fee:									**$342,765**

STOCKTON AVENUE BRIDGE PROJECT

FEE PROPOSAL

		GPA Consulting Historic Architectural Studies								
		Andrea Galvin Principal Architectural Historian	Jenna Kachour Sr. Associate Architectural Historian	Amanda Duane Senior Architectural Historian	Audrey vonAhrens Senior Architectural Historian	Phoebe Rayburn Architectural Historian	Martin Rose Sr. GIS Analyst	Jessica Nwankwo Associate Project Coordinator	Total Hours	Total Fee Proposal
Submittal Date: 06.23.26										
2026 Hourly Rate ($/ hour)		100.96	75.72	63.46	52.88	31.80	62.50	40.38		
Fringe		50.48%	50.48%	50.48%	50.48%	50.48%	50.48%	50.48%		
Overhead		93.47%	93.47%	93.47%	93.47%	93.47%	93.47%	93.47%		
Profit		10%	10%	10%	10%	10%	10%	10%		
Multiplier		2.7	2.7	2.7	2.7	2.7	2.7	2.7		
Billable Rate ($/ hour)		270.93	203.20	170.30	141.91	85.34	167.72	108.36		
Task 1	**Project Initiation & Scoping**									
1.1	**Project Kickoff**	2	2						4	$948
1.2	**Purpose & Need Development**								0	$0
1.3	**Stakeholder & Outreach Strategy**								0	$0
1.4	**Contract Management**									
	Project Management								0	$0
	Quality Control								0	$0
	Meetings		6						6	$1,219
	Task 1 Project Initiation & Scoping Subtotal:	**2**	**8**	**0**	**0**	**0**	**0**	**0**	**10**	**$2,167**
Task 2	**Data Collection & Existing Conditions**									
2.1	**Data Collection and Field Review**									
	Data Collection (Records Searches at Info Centers/letters)			8		8			16	$2,045
	Field Investigation								0	$0
	Traffic Data Collection								0	$0
	Geotechnical Investigation								0	$0
	Historic Architect Site Visit			12		12			24	$3,068
2.2	**Utility Coordination**								0	$0
2.3	**Bridge Condition Assessment Report & Basis of Design**									
	Draft								0	$0
	Final								0	$0
2.4	**City Council Update**								0	$0
2.5	**Contract Management**									
	Project Management								0	$0
	Quality Control								0	$0
	Meetings								0	$0
	Task 2 Data Collection & Existing Conditions Subtotal:	**0**	**0**	**20**	**0**	**20**	**0**	**0**	**40**	**$5,113**
Task 3	**Technical Studies & Deficiency Analysis**									
3.1	**Structural Evaluation**								0	$0
3.2	**Historic Architectural Assessment Reports (HPSR/HRER)**		10	102		284	24		420	$47,663
3.3	**Preliminary Bridge Hydrology and Hydraulics Report**								0	$0
3.4	**Seismic Screening**								0	$0
3.5	**Traffic & Operations**								0	$0
3.6	**Detour & Closure Analysis**								0	$0
3.7	**Environmental Constraints Memorandum**								0	$0
3.8	**Outreach**									
	Electronic Updates/Mailers								0	$0
	Stakeholder Meeting								0	$0
3.9	**City Council Update**								0	$0
3.10	**Contract Management**									
	Project Management								0	$0
	Quality Control								0	$0
	Meetings								0	$0
	Task 3 Technical Studies & Deficiency Analysis Subtotal:	**0**	**10**	**102**	**0**	**284**	**24**	**0**	**420**	**$47,663**
Task 4	**Alternatives Analysis & Advance Planning Study**									
4.1	**Develop Alternatives**								0	$0
4.2	**Alternatives Evaluation**		8	8					16	$2,988
4.3	**Bridge Advance Planning Study (APS)**								0	$0
4.4	**Recommended Alterantive**								0	$0
4.5	**Funding & Programming Support**								0	$0
4.6	**Detour & Closure Analysis**								0	$0
4.7	**Environmental Constraints Memorandum**								0	$0
4.8	**Outreach**									
	Electronic Updates/Mailers								0	$0
	Stakeholder Meeting								0	$0
	Pop-up Engagement								0	$0
4.9	**City Council Presentation**								0	$0
4.10	**Contract Management**									
	Project Management								0	$0
	Quality Control								0	$0
	Meetings								0	$0
	Task 4 Alternatives Analysis & Advance Planning Study	**0**	**8**	**8**	**0**	**0**	**0**	**0**	**16**	**$2,988**
Task 5	**Environmental Clearance**									
5.1	**Phase 1 Site Assessment**								0	$0
5.2	**Project Description**								0	$0
5.3	**Technical Studies**									
	Biological Resources Assessment								0	$0
	Aquatic Resources Delineation								0	$0
	Noise Study memorandum								0	$0
	Cultural Resources								0	$0
	Air Quality/Greenhouse Gas Emissions								0	$0
	Historic Resources Effects Reports (FAE/FNAE)		28	136					164	$28,850

STOCKTON AVENUE BRIDGE PROJECT

FEE PROPOSAL

		GPA Consulting Historic Architectural Studies								
	Submittal Date: 06.23.26	Andrea Galvin Principal Architectural Historian	Jenna Kachour Sr. Associate Architectural Historian	Amanda Duane Senior Architectural Historian	Audrey vonAhrens Senior Architectural Historian	Phoebe Rayburn Architectural Historian	Martin Rose Sr. GIS Analyst	Jessica Nwankwo Associate Project Coordinator	**Total Hours**	**Total Fee Proposal**
	2026 Hourly Rate ($/ hour)	100.96	75.72	63.46	52.88	31.80	62.50	40.38		
	Fringe	50.48%	50.48%	50.48%	50.48%	50.48%	50.48%	50.48%		
	Overhead	93.47%	93.47%	93.47%	93.47%	93.47%	93.47%	93.47%		
	Profit	10%	10%	10%	10%	10%	10%	10%		
	Multiplier	2.7	2.7	2.7	2.7	2.7	2.7	2.7		
	Billable Rate ($/ hour)	270.93	203.20	170.30	141.91	85.34	167.72	108.36		
	(Optional) SOIS Action Plan		16	48					64	$11,425
	(Optional) MOA	8	24	40					72	$13,856
5.4	**Caltrans Technical Documentation**									
	Natural Environment Study								0	$0
	Biological Assessment								0	$0
5.5	**Administrative Draft Initial Study/Environmental**								0	$0
5.6	**Draft Initial Study/Mitigated Negative Declaration**								0	$0
5.7	**Final Initial Study/Mitigated Negative Declaration**								0	$0
5.8	**Regulatory Permitting**								0	$0
5.9	**Coastal Development Permit**								0	$0
5.10	**Contract Management**									
	Project Management								0	$0
	Quality Control								0	$0
	Meetings								0	$0
	Task 5 Environmental Clearance Subtotal:	**8**	**68**	**224**	**0**	**0**	**0**	**0**	**300**	**$54,132**
Task 6	**Preliminary Engineering (35%)**									
6.1	**Conceptual Design**									
	Bridge Type Selection Report								0	$0
	Conceptual Plans								0	$0
6.2	**Preliminary Engineering (35%)**									
	Technical Studies									
	Photometric Analysis								0	$0
	Stormwater Control Plan								0	$0
	Bridge Hydrology and Hydraulics Report								0	$0
	Water Quality Study								0	$0
	Plans (Traffic Management Plan)								0	$0
6.3	**Bridge Site Data Submittal Package**								0	$0
6.4	**Right of Way Verification**								0	$0
6.5	**Cost Estimate & Risk**									
	Cost Estimate								0	$0
	Project Rsk Matrix								0	$0
6.6	**Outreach**									
	Electronic Updates								0	$0
	Stakeholder Meeting								0	$0
	Pop-up Engagement								0	$0
6.7	**City Council Presentation**								0	$0
6.8	**Contract Management**									
	Project Management								0	$0
	Quality Control								0	$0
	Meetings								0	$0
	Task 6 Preliminary Engineering (35%) Subtotal:	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**$0**
	Total Labor Expenses:	**10**	**94**	**354**	**0**	**304**	**24**	**0**	**786**	**$112,063**
Reimbursable Expenses										
Airfare										$700
Lodging										$300
Meals										$240
Rental Car/ Fuel										$400
Research Fees										$50
	Total Reimbursable Expenses:									**$1,690**
	Total Fee:									**$113,753**

STOCKTON AVENUE BRIDGE PROJECT

FEE PROPOSAL

		Fehr & Peers Traffic Engineers							
		Steve Davis Principal-in-Charge	Alexandra Lee-Gardner Project Manager | Senior Engineer/Planner III	Suzanne Luckjiff Senior Associate Engineer II	Kevin Zamzow-Pollock Senior Engineer/Planner III	Michelle Chung Graphics	Brandon Aviles Project Coordinator	Total Hours	Total Fee Proposal
Submittal Date: 06.23.26									
2026 Hourly Rate ($/ hour)		97.60	62.74	93.27	62.74	51.20	45.19		
Fringe		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
Overhead		175.97%	175.97%	175.97%	175.97%	175.97%	175.97%		
Profit		10%	10%	10%	10%	10%	10%		
Multiplier		3.0	3.0	3.0	3.0	3.0	3.0		
Billable Rate ($/ hour)		296.28	190.46	283.14	190.46	155.43	137.18		
Task 1	**Project Initiation & Scoping**								
1.1	**Project Kickoff**		4	4			2	10	$2,169
1.2	**Purpose & Need Development**							0	$0
1.3	**Stakeholder & Outreach Strategy**							0	$0
1.4	**Contract Management**								
	Project Management							0	$0
	Quality Control							0	$0
	Meetings							0	$0
Task 1 Project Initiation & Scoping Subtotal:		**0**	**4**	**4**	**0**	**0**	**2**	**10**	**$2,169**
Task 2	**Data Collection & Existing Conditions**								
2.1	**Data Collection and Field Review**								
	Data Collection							0	$0
	Field Investigation							0	$0
	Traffic Data Collection	8	16	12	32	16	10	94	$18,769
	Geotechnical Investigation							0	$0
	Historic Architect Site Visit							0	$0
2.2	**Utility Coordination**							0	$0
2.3	**Bridge Condition Assessment Report & Basis of Design**								
	Draft							0	$0
	Final							0	$0
2.4	**City Council Update**							0	$0
2.5	**Contract Management**								
	Project Management							0	$0
	Quality Control							0	$0
	Meetings							0	$0
Task 2 Data Collection & Existing Conditions Subtotal:		**8**	**16**	**12**	**32**	**16**	**10**	**94**	**$18,769**
Task 3	**Technical Studies & Deficiency Analysis**								
3.1	**Structural Evaluation**							0	$0
3.2	**Historic Architectural Assessment Reports (HPSR/HRER)**							0	$0
3.3	**Preliminary Bridge Hydrology and Hydraulics Report**							0	$0
3.4	**Seismic Screening**							0	$0
3.5	**Traffic & Operations**	4	24	12	32	16	10	98	$19,107
3.6	**Detour & Closure Analysis**	8	16	24	64	16	12	140	$28,535
3.7	**Environmental Constraints Memorandum**							0	$0
3.8	**Outreach**								
	Electronic Updates/Mailers							0	$0
	Stakeholder Meeting							0	$0
3.9	**City Council Update**							0	$0
3.10	**Contract Management**								
	Project Management							0	$0
	Quality Control							0	$0
	Meetings							0	$0
Task 3 Technical Studies & Deficiency Analysis Subtotal:		**12**	**40**	**36**	**96**	**32**	**22**	**238**	**$47,642**
Task 4	**Alternatives Analysis & Advance Planning Study**								
4.1	**Develop Alternatives**								
4.2	**Alternatives Evaluation**							0	$0
4.3	**Bridge Advance Planning Study (APS)**							0	$0
4.4	**Recommended Alterantive**							0	$0
4.5	**Funding & Programming Support**							0	$0
4.6	**Detour & Closure Analysis**							0	$0
4.7	**Environmental Constraints Memorandum**							0	$0
4.8	**Outreach**								
	Electronic Updates/Mailers							0	$0
	Stakeholder Meeting							0	$0
	Pop-up Engagement							0	$0
4.9	**City Council Presentation**							0	$0
4.10	**Contract Management**								
	Project Management							0	$0
	Quality Control							0	$0
	Meetings							0	$0
Task 4 Alternatives Analysis & Advance Planning Study		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**$0**
Task 5	**Environmental Clearance**								
5.1	**Phase 1 Site Assessment**							0	$0
5.2	**Project Description**							0	$0
5.3	**Technical Studies**								
	Biological Resources Assessment							0	$0
	Aquatic Resources Delineation							0	$0
	Noise Study memorandum							0	$0
	Cultural Resources							0	$0
	Air Quality/Greenhouse Gas Emissions							0	$0
	Historic Resources Effects Reports (FAE/FNAE)							0	$0

STOCKTON AVENUE BRIDGE PROJECT

FEE PROPOSAL

		Fehr & Peers Traffic Engineers							
		Steve Davis Principal-in-Charge	Alexandra Lee-Gardner Project Manager | Senior Engineer/Planner III	Suzanne Luckjiff Senior Associate Engineer II	Kevin Zamzow-Pollock Senior Engineer/Planner III	Michelle Chung Graphics	Brandon Aviles Project Coordinator	Total Hours	Total Fee Proposal
	Submittal Date: 06.23.26								
	2026 Hourly Rate ($/ hour)	97.60	62.74	93.27	62.74	51.20	45.19		
	Fringe	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
	Overhead	175.97%	175.97%	175.97%	175.97%	175.97%	175.97%		
	Profit	10%	10%	10%	10%	10%	10%		
	Multiplier	3.0	3.0	3.0	3.0	3.0	3.0		
	Billable Rate ($/ hour)	296.28	190.46	283.14	190.46	155.43	137.18		
	(Optional) SOIS Action Plan							0	$0
	(Optional) MOA							0	$0
5.4	**Caltrans Technical Documentation**								
	Natural Environment Study							0	$0
	Biological Assessment							0	$0
5.5	**Administrative Draft Initial Study/Environmental**							0	$0
5.6	**Draft Initial Study/Mitigated Negative Declaration**							0	$0
5.7	**Final Initial Study/Mitigated Negative Declaration**							0	$0
5.8	**Regulatory Permitting**							0	$0
5.9	**Coastal Development Permit**							0	$0
5.10	**Contract Management**								
	Project Management							0	$0
	Quality Control							0	$0
	Meetings							0	$0
	Task 5 Environmental Clearance Subtotal:	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**$0**
Task 6	**Preliminary Engineering (35%)**								
6.1	**Conceptual Design**								
	Bridge Type Selection Report							0	$0
	Conceptual Plans							0	$0
6.2	**Preliminary Engineering (35%)**								
	Technical Studies								
	Photometric Analysis							0	$0
	Stormwater Control Plan							0	$0
	Bridge Hydrology and Hydraulics Report							0	$0
	Water Quality Study							0	$0
	Plans (Traffic Management Plan)	8	24	32	24	24	10	122	$25,675
6.3	**Bridge Site Data Submittal Package**							0	$0
6.4	**Right of Way Verification**							0	$0
6.5	**Cost Estimate & Risk**								
	Cost Estimate							0	$0
	Project Rsk Matrix							0	$0
6.6	**Outreach**								
	Electronic Updates							0	$0
	Stakeholder Meeting							0	$0
	Pop-up Engagement							0	$0
6.7	**City Council Presentation**							0	$0
6.8	**Contract Management**								
	Project Management							0	$0
	Quality Control							0	$0
	Meetings							0	$0
	Task 6 Preliminary Engineering (35%) Subtotal:	**8**	**24**	**32**	**24**	**24**	**10**	**122**	**$25,675**
	Total Labor Expenses:	**28**	**84**	**84**	**152**	**72**	**44**	**464**	**$94,254**
Reimbursable Expenses									
Direct Costs: Count Data Collection and MileagDirect Costs: Count Data Collection and Mileage									$3,500
								Total Reimbursable Expenses:	**$3,500**
								Total Fee:	**$97,754**

CSWST2.com

EXECUTIVE SUMMARY

DATE: April 2, 2026 **Job No.:** 2300338

TO: Jessica Kahn, City of Capitola

FROM: Julia Harberson, CSWST2

RE: **STOCKTON AVENUE BRIDGE EXISTING CONDITION – EXECUTIVE SUMMARY**

The Stockton Avenue Bridge is an aging structure (approximately 93 years old) that is showing clear signs of deterioration and increasing risk. Recent inspections found significant corrosion in key structural elements, especially in the bridge deck, along with cracking, exposed reinforcement, and ongoing maintenance needs. While the bridge is still safe for use today, its condition will continue to decline over time.

In addition to structural concerns, the bridge is vulnerable to scour (erosion around its foundations) during high flows in Soquel Creek. Analysis indicates the bridge is "scour critical," meaning its foundations could become unstable under severe storm conditions, especially when debris accumulates.

The bridge also carries multiple utilities (sewer, water, and electrical). While some are in acceptable condition, others show deterioration such as corrosion, cracking, and aging infrastructure, and there are discrepancies between existing utilities and historical records.

Key Findings:

- Remaining service life: Estimated at 5–10 years, though uncertain due to hidden deterioration.
- Timing: Replacement planning should begin immediately, as studies and approvals alone may take ~2 years.
- Why not repair: Even major repairs (like full deck replacement) are not cost-effective long-term and would not address underlying issues such as corrosion, debris impacts, and seismic vulnerabilities.
- Risk of delaying replacement: Continued deterioration could lead to severe cracking, unsafe conditions, or even partial closure, with potential for prolonged roadway shutdown if failure occurs.
- Monitoring needs: Increasing deck cracking is the main warning sign; frequent inspections (about every 3 months) are recommended.

Conclusion: While short-term maintenance can keep the bridge operational, the combination of advanced age, structural deterioration, hydraulic/scour risks, and seismic deficiencies make full bridge replacement the most practical and cost-effective long-term solution. Planning should begin now to avoid higher risks, costs, and potential service disruptions in the near future.

CSWST2.com

MEMORANDUM

DATE: April 1, 2026 **Job No.:** 2300338

TO: Jessica Kahn, City of Capitola

FROM: Julia Harberson, CSWST2

RE: **STOCKTON AVENUE BRIDGE EXISITING CONDITION MEMORANDUM**

INTRODUCTION

This memorandum is a summary of the existing condition of the Stockton Avenue Bridge in Capitola, California.

UTILITY INSPECTION RESULTS

Based on the field investigation conducted on July 16, 2025, the Stockton Avenue Bridge contains multiple utilities within two primary corridors, including sanitary sewer, water, electrical, and unknown lines. Most PVC utilities appear to be in generally serviceable condition with no visible signs of distress, while observed conditions of other utilities include cracking and spalling of the 18-inch asbestos cement sanitary sewer force main, corrosion on ductile iron sewer lines, and exposed or aged electrical wiring. The investigation also identified differences between field conditions and available as-built documentation, including the presence of additional utilities not previously recorded. Proper documentation, including the photos and exhibits gathered during this field visit, will support the design team in evaluating feasible utility strategies during the bridge repair or replacement. See Attachment 1 – Utility Inspection Results.

SCOUR ANALYSIS

Stockton Avenue Bridge was evaluated for bridge scour in four flow scenarios, low flow (Q=1,200 cfs) with and without debris, and high flow (Q=17,500 cfs) with and without debris. Based on these evaluations, FHWA Item 113 (Code & Recommendation) is identified as Code 3, and the bridge is classified as scour critical. Detailed results and recommendations are provided in Table 6 of the Scour Analysis. See Attachment 2 – Scour Analysis.

SUPPLEMENTAL STRUCTURAL CONDITION EVALUATION

Excerpt from Attachment 3 - Supplemental Structural Condition Evaluation:

Conclusion

At a minimum, the widespread loss of a significant percentage of transverse deck reinforcement from corrosion requires a full deck slab replacement. Since the lost reinforcing bars are the bottom transverse

bars, their repair cannot be addressed with a deck overlay or methacrylate treatment. The recent records for the bridge indicate substantially increased frequency and cost for structural repairs to address corrosion and corrosion related spalls. Given the advanced age of the bridge (93 years), hydraulic and seismic deficiencies, and the substantial cost to restore the deck slab, a full bridge replacement is recommended. In the interim, a load rating reduction is not regarded as necessary since the lost reinforcement alone will not lead to a collapse risk. The deck will continue to deteriorate showing more numerous and wider surface cracks. Cracking should be monitored and recorded. The deck should be re-assessed if cracking is found to be significantly increased.

Based on the 2022 Caltrans bridge inspection report, this bridge is currently eligible for Bridge Preventive Maintenance Program (BPMP) funding to repair the bridge deck. With the benefit of the photos from our March 2026 observations, Caltrans may reassess the deck and superstructure resulting in HBP funding for rehabilitation and potentially for replacement based on the results of a feasibility study.

Refer to Attachment 3 for complete Supplemental Structural Condition Evaluation.

ATTACHMENTS

Attachment 1: Utility Inspection Results

Attachment 2: Scour Analysis

Attachment 3: Supplemental Structural Condition Evaluation

CSWST2.com

Attachment 1

Utility Inspection Results

CSWST2.com

MEMORANDUM

DATE: September 16, 2025 **Job No.:** 2300338

TO: Jessica Kahn, P.E.

FROM: Julia Harberson, P.E.

RE: Stockton Avenue Bridge Utility Inspection Results

INTRODUCTION

On July 16, 2025, CSWST2, in conjunction with Biggs Cardosa, & Associates (BCA), conducted a field inspection of the utility infrastructure located at Stockton Avenue Bridge in Capitola, California. Our team investigated the utility infrastructure within the existing bridge. Our inspection focused on evaluating the condition of utilities running through two primary utility corridors situated beneath the bridge deck. Prior to the inspection, we reviewed the Caltrans' as-built drawings from the original bridge construction, which provided a baseline understanding of expected utility alignments and types. The inspection was prompted by the ongoing planning for the rehabilitation or replacement of the bridge structure and was intended to document the existing conditions of utility lines and assess whether any adjustments, protections, or replacements will be necessary as part of future work.

The Stockton Avenue Bridge serves as a key vehicular and pedestrian link over Soquel Creek and supports several critical utility lines. As such, understanding the type, size, condition, and relative position of these utilities is essential for both design and construction planning.

METHODS & RESULTS

Utility Corridor 1

The inspection began with access to the manholes associated with Utility Corridor 1, located beneath the existing northern sidewalk, see Figure 1. The corridor houses multiple utility lines and was accessed via the existing manholes, see Attachment 1. After opening the manholes, accumulated dust and debris was cleared from the surfaces to ensure clear visibility and access to the utilities.

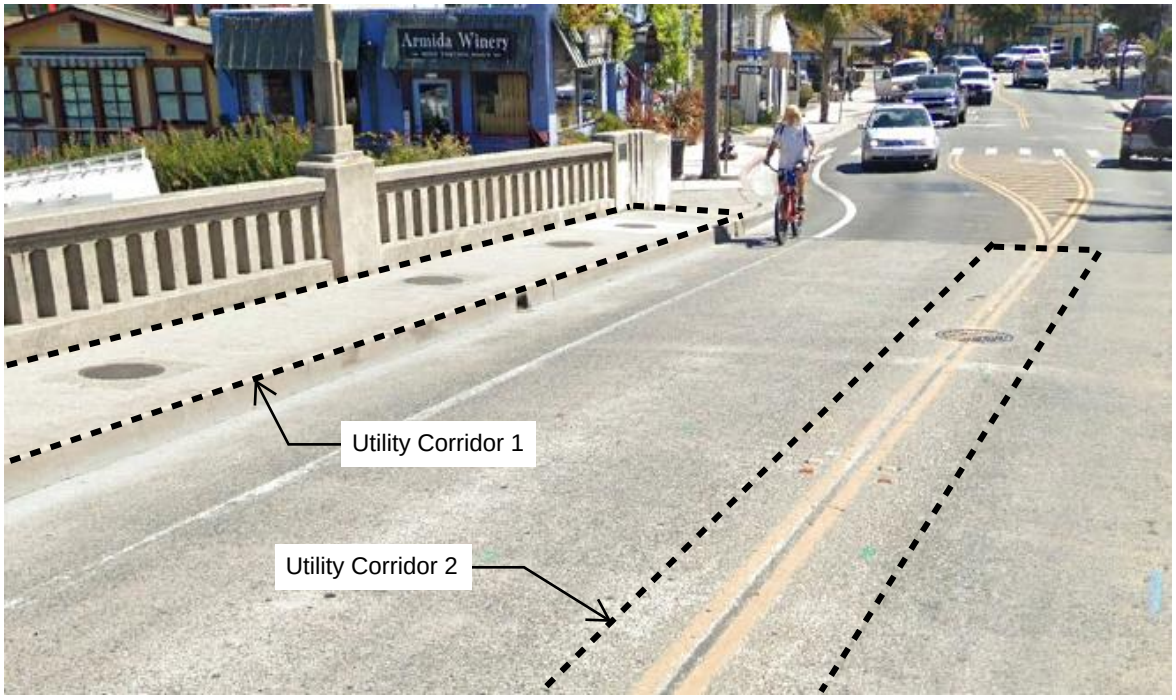


Figure 1. Manhole Access to Utility Corridor 1 & 2

We documented the existing conditions through both direct measurement and photographic records. Photos of Corridor 1 utilities can be found in Attachments 3 through 8. Pipe materials, diameters, and configurations were noted to the extent possible from the limited access. Tables 1 through 6 show the utilities found in this corridor.

Table 1. Manhole 1 Utilities

Manhole 1			
Pipe Size	**Utility Type**	**Material**	**Condition**
18”	Sanitary Sewer Force Main	Asbestos Cement Pipe	Visible cracking and spalling in several sections of the outer encasement.
3”	Unknown	Polyvinyl Chloride (Dark Gray)	No visible signs of deformation, stress, or leaks.
3”	Unknown	Polyvinyl Chloride (Light Gray)	No signs of deformation, stress, or leaks.

Table 2. Manhole 2 Utilities

Manhole 2			
Pipe Size	**Utility Type**	**Material**	**Condition**
18”	Sanitary Sewer Force Main	Asbestos Cement Pipe	Exterior is encrusted in sand. No visible cracks or fractures.
3”	Unknown	Polyvinyl Chloride (Dark Gray)	Surface is dirty. No visible signs of structural damage.
2”	Electrical	Polyvinyl Chloride (White)	Conduit is intact. Wires are exposed and appear tangled and aged.

Table 3. Manhole 3 Utilities

Manhole 3			
Pipe Size	**Utility Type**	**Material**	**Condition**
18”	Sanitary Sewer Force Main	Asbestos Cement Pipe	Visible cracking and spalling in several sections of the outer encasement.
3”	Unknown	Polyvinyl Chloride (Dark Gray)	Joints and fittings intact. No visible evidence of leaking or stress.
3”	Unknown	Polyvinyl Chloride (Light Gray)	Joints and fittings intact. No visible evidence of leaking or stress.
2”	Electrical	Polyvinyl Chloride (White)	Joints and fittings intact. No visible evidence of stress.

Table 4. Manhole 4 Utilities

Manhole 4			
Pipe Size	**Utility Type**	**Material**	**Condition**
18”	Sanitary Sewer Force Main	Asbestos Cement Pipe	Visible cracking and spalling in several sections of the outer encasement.
3”	Unknown	Polyvinyl Chloride (Dark Gray)	Joints and fittings intact. No visible evidence of leaking or stress.
3”	Unknown	Polyvinyl Chloride (Light Gray)	Joints and fittings intact. No visible evidence of leaking or stress.
2”	Electrical	Polyvinyl Chloride (White)	Joints and fittings intact. Minor surface wear.

Table 5. Manhole 5 Utilities

Manhole 5			
Pipe Size	**Utility Type**	**Material**	**Condition**
18”	Sanitary Sewer Force Main	Asbestos Cement Pipe	Visible cracking and spalling in several sections of the outer encasement.
3”	Unknown	Polyvinyl Chloride (Dark Gray)	Joints and fittings intact. No visible evidence of leaking or stress.
3”	Unknown	Polyvinyl Chloride (Light Gray)	Joints and fittings intact. No visible evidence of leaking or stress.
2”	Electrical	Polyvinyl Chloride (White)	Minor surface wear. No visible evidence of stress.

Table 6. Manhole 6 Utilities

Manhole 6			
Pipe Size	**Utility Type**	**Material**	**Condition**
18”	Sanitary Sewer Force Main	Asbestos Cement Pipe	Minor surface wear. Water leaking onto pipe, source untraceable.
3”	Unknown	Polyvinyl Chloride (Dark Gray)	Joints and fittings intact. No visible evidence of leaking or stress.
3”	Unknown	Polyvinyl Chloride (Light Gray)	Joints and fittings intact. No visible evidence of leaking or stress.
2”	Electrical	Polyvinyl Chloride (White)	Joints and fittings intact. No visible evidence of stress.

Utility Corridor 2

Utility Corridor 2 runs along the south side of the bridge, see Figure 1. Similar to Corridor 1, manhole lids were removed and cleared of dust and debris to properly document the utility lines.

We measured visible utilities and took photos from multiple angles to assess their condition and configuration, see Tables 7 and 8. Photos of Corridor 2 utilities can be found in Attachments 9 and 10.

Table 7. Manhole A Utilities

Manhole A			
Pipe Size	**Utility Type**	**Material**	**Condition**
4”	Water	Polyvinyl Chloride (Dark Gray)	Joints and fittings intact. No visible evidence of leaking or stress.
6”	Unknown	Polyvinyl Chloride (White)	Surface is dusty but intact. No visible deformation or major damage.
5”	Unknown	Polyvinyl Chloride (White with Gray joints)	Covered in soil; no visible damage, but full condition not assessable.
5”	Unknown	Polyvinyl Chloride (White with Gray joints)	Buried in soil. No visible defects from exposed sections.
3”	Unknown	Polyvinyl Chloride (Dark gray)	Coated in dust. Appears structurally intact. No visible signs of stress.
2”	Unknown	Polyvinyl Chloride (White)	Mostly buried. Visible section intact, but condition uncertain.
6”	Sanitary Sewer Force Main	Ductile Iron	Surface heavily corroded and flaking. Likely abandoned.
10”	Sanitary Sewer Force Main	Ductile Iron	Outer surface shows some wear. Moderate corrosion present.
8”	Unknown	Polyvinyl Chloride (Gray)	Minor joint staining.

Table 8. Manhole B Utilities

Manhole B			
Pipe Size	**Utility Type**	**Material**	**Condition**
4”	Water	Polyvinyl Chloride (Dark Gray)	Hidden mostly behind other pipes. Visible section intact.
6” (3”)	Unknown	Polyvinyl Chloride (White; interior pipe - Dark Gray)	Surface is dusty but intact. 6” pipe encasing 3” pipe. Both pipes visibly intact.
5”	Unknown	Polyvinyl Chloride (White with Gray joints)	Covered in soil. No visible damage. Joints and fittings intact.
5”	Unknown	Polyvinyl Chloride (White with Gray joints)	Covered in soil. No visible damage Joints and fittings intact.
3”	Unknown	Polyvinyl Chloride (Dark gray)	Buried in dust. Appears structurally intact. No visible signs of stress.
2”	Unknown	Polyvinyl Chloride (White)	Minor dirt and grime. No visible signs of damage.
6”	Sanitary Sewer Force Main	Ductile Iron	Buried in soil. Surface heavily corroded and flaking.
10”	Sanitary Sewer Force Main	Ductile Iron	Outer surface shows some wear. Minor corrosion present.
8”	Unknown	Polyvinyl Chloride (Gray)	Minor staining. No visible signs of damage.

Utility investigation revealed additional utilities to those listed in the as-built documentation, see Attachment 1 for the location of the utilities.

Proper documentation, including the photos and exhibits gathered during this field visit, will support the design team in evaluating feasible utility strategies during the bridge repair or replacement.

ATTACHMENTS

Attachment 1: Stockton Avenue Bridge Utility Inspection Exhibit

Attachment 2: Caltrans Stockton Avenue Bridge As-Builts

Attachment 3: Manhole 1: Interior Picture

Attachment 4: Manhole 2: Interior Picture

Attachment 5: Manhole 3: Interior Picture

Attachment 6: Manhole 4: Interior Picture

Attachment 7: Manhole 5: Interior Picture

Attachment 8: Manhole 6: Interior Picture

Attachment 9: Manhole A: Interior Picture

Attachment 10: Manhole B: Interior Picture

ATTACHMENT 1



PLAN VIEW

SCALE: 1" = 20'

LEGEND

- LIMIT OF UTILITY CORRIDOR
- MANHOLE (WELDED)
- ACCESS MANHOLE (OPENED)
- CATCH BASIN

Date: 07/25/25
Scale: 1" = 20'

Rev
Job No. 2300338

STOCKTON AVENUE BRIDGE BRIDGE UTILITY INSPECTION EXHIBIT (1/2)

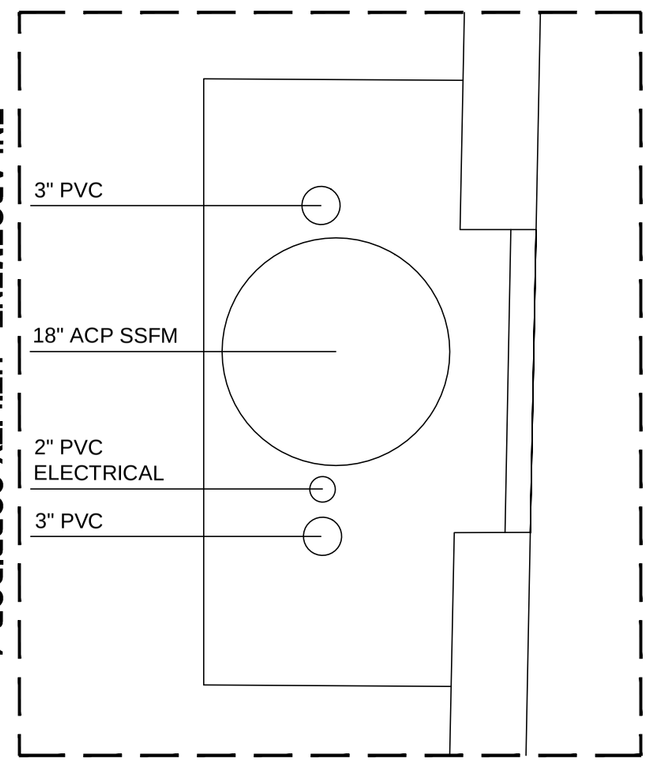
CAPITOLA SANTA CRUZ COUNTY CALIFORNIA

Prepared Under the Direction of:

CSW ST2
504 Redwood Boulevard, #310
Novato, CA 94947
415.533.1864
CSWST2.com

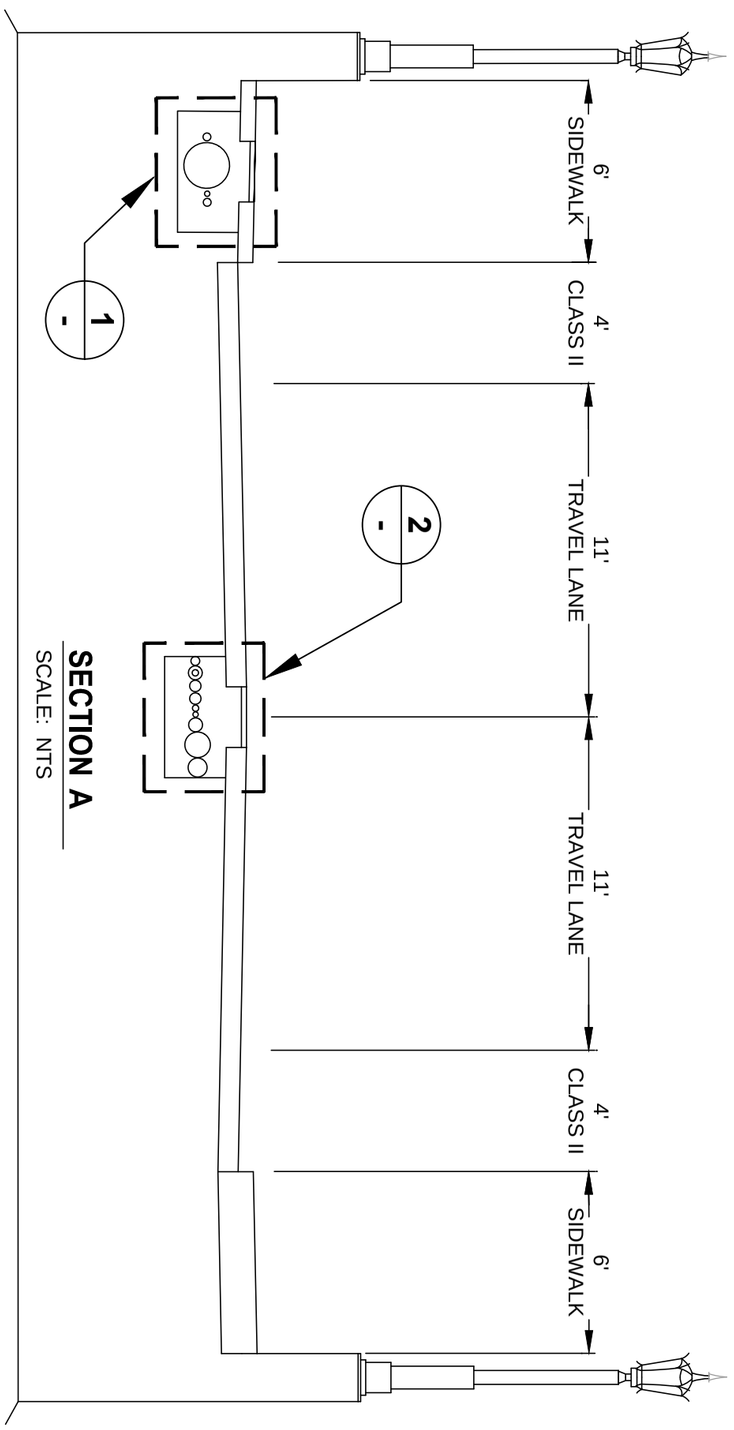
Engineering
Landscape Architecture
Surveying
Urban Planning

C:\Projects\2023\2300338 Capitola Stockton Bridge Replacement\DWG\wd-hd\Stockton Ave Bridge Section.dwg 09/12/2025 - 10:47 AM natalie 1:3.5602



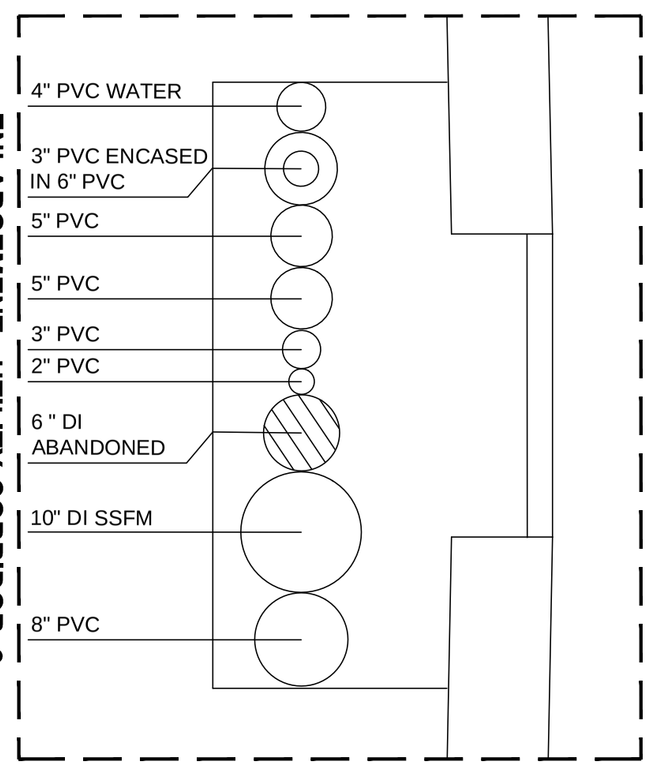
ENLARGEMENT - UTILITY CORRIDOR 1

SCALE: NTS



SECTION A

SCALE: NTS



ENLARGEMENT - UTILITY CORRIDOR 2

SCALE: NTS

CSW ST2

504 Redwood Boulevard, #310
Novato, CA 94947
415.533.1864

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Engineering
Landscape Architecture
Surveying
Urban Planning

Prepared Under the Direction of:

Rev	Date: 07/25/25
Job No. 2300338	Scale: AS SHOWN

STOCKTON AVENUE BRIDGE BRIDGE UTILITY INSPECTION EXHIBIT (2/2)

CAPITOLA SANTA CRUZ COUNTY CALIFORN

Item 7 C.

d\Projects\2023\2300338 Capitola Stockton Bridge Replacement\DWG\wd-nd\Stockton Ave Bridge Section.dwg 09/12/2025 - 01:23 PM natalie 1:3.56

ATTACHMENT 2

California Department of Transportation
Division of Maintenance

Structure Maintenance and Investigations

BRIDGE

INSPECTION

RECORDS

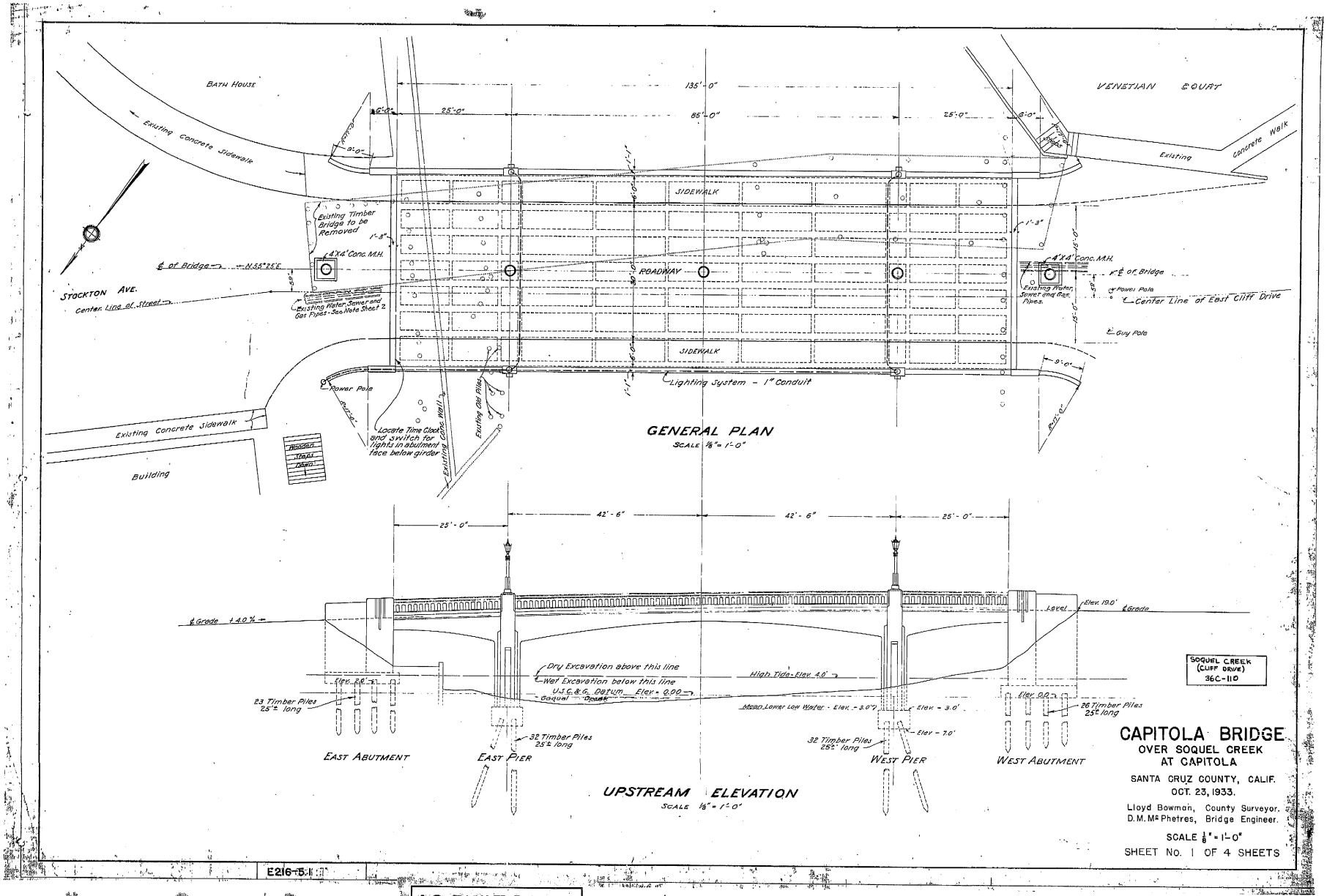
INFORMATION

SYSTEM

The requested documents have been generated by BIRIS.

These documents are the property of the California Department of Transportation and should be handled in accordance with Deputy Directive 55 and the State Administrative Manual.

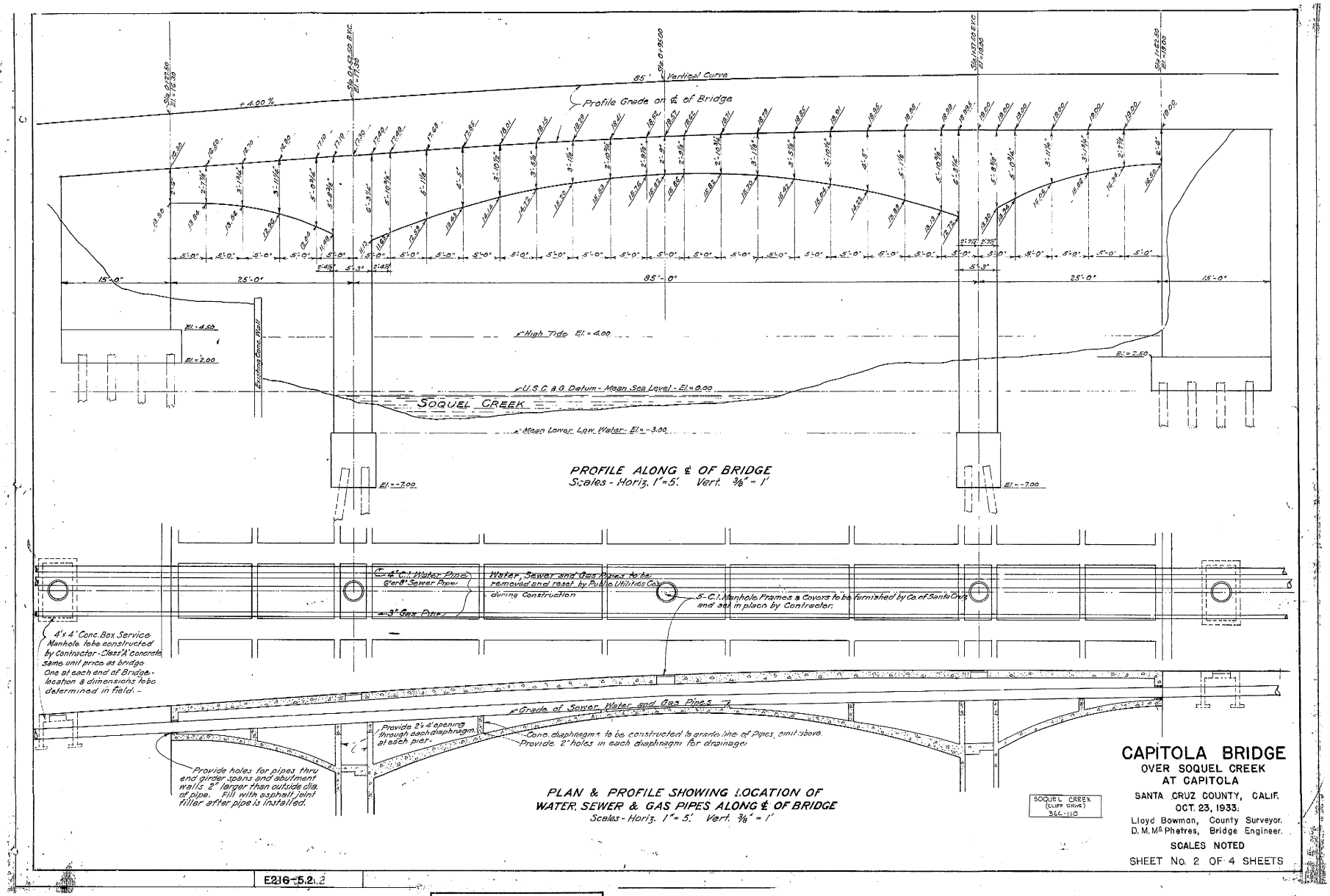
Records for “Confidential” bridges may only be released outside the Department of Transportation upon execution of a confidentiality agreement.



AS BUILT PLANS
Contract No. UNKNOWN
Date Completed
Document No. 4000 8995

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF TRANSPORTATION
DATE 7-27-79 SIGNATURE Joseph M Lastra TITLE Supervising of Materials

MICROFILM - STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - MICROFILM



CAPITOLA BRIDGE

OVER SOQUEL CREEK
AT CAPITOLA

SANTA CRUZ COUNTY, CALIF.
OCT. 23, 1933.

Lloyd Bowman, County Surveyor.
D. M. Mc Phetres, Bridge Engineer.

SCALES NOTED

SHEET No. 2 OF 4 SHEETS

SOQUEL CREEK (CLIFF DRIVE)
36C-110

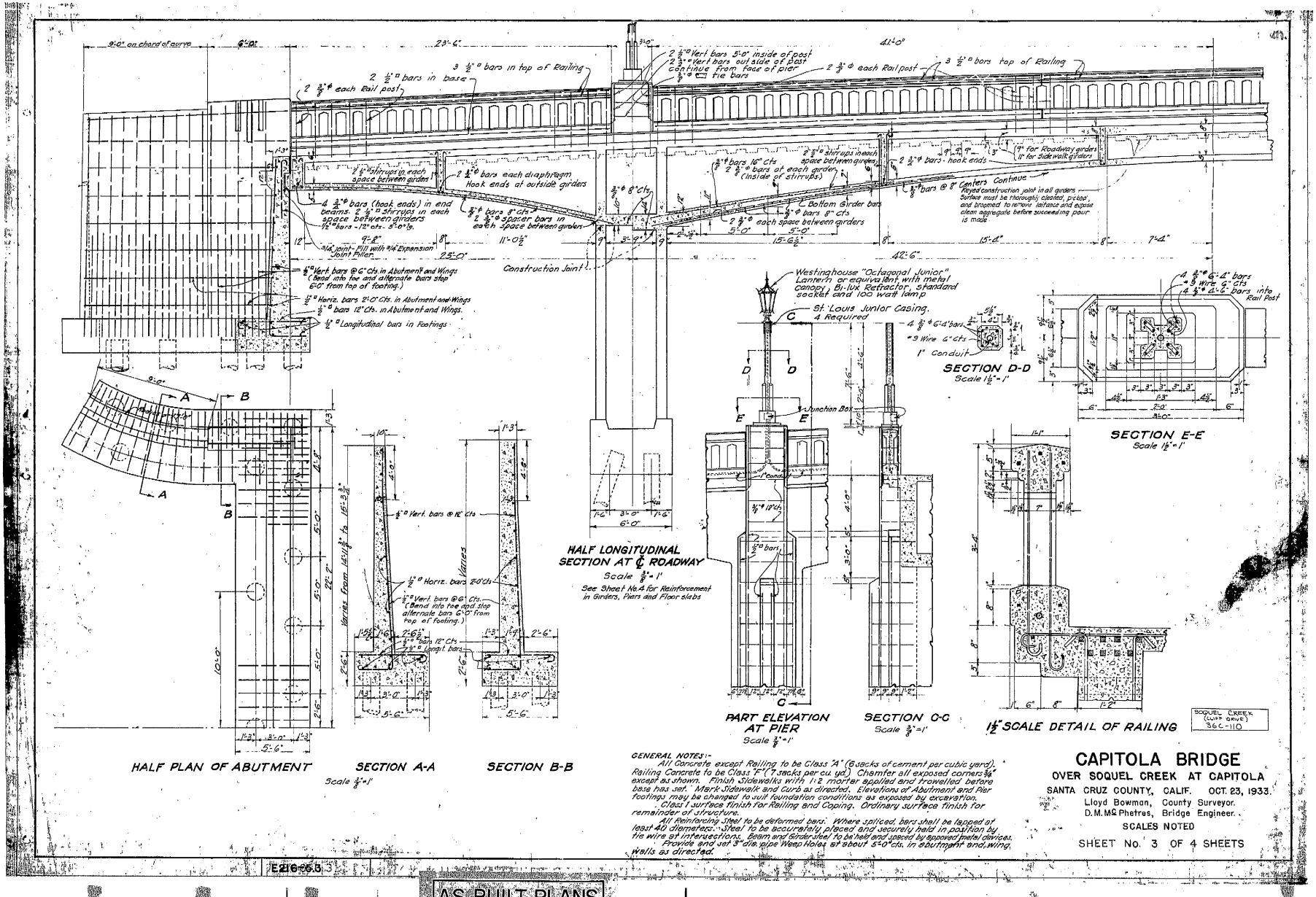
E216-5.2

AS BUILT PLANS
Contract No. UNKNOWN
Date Completed
Document No. 4000899.5

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF TRANSPORTATION.

DATE 7-27-79 SIGNATURE Joseph M Porter TITLE Supervising of Materials

MICROFILM - STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - MICROFILM



GENERAL NOTES:-
All Concrete except Railing to be Class "A" (6 sacks of cement per cubic yard). Railing Concrete to be Class "F" (7 sacks per cu. yd.) Chamfer all exposed corners 3/4" except as shown. Finish Sidewalks with 1:2 mortar applied and trowelled before base has set. Mark Sidewalk and Curb as directed. Elevations of Abutment and Pier footings may be changed to suit foundation conditions as exposed by excavation.
Class I surface finish for Railing and Coping. Ordinary surface finish for remainder of structure.
All Reinforcing Steel to be deformed bars. Where spliced, bars shall be lapped at least 40 diameters. Steel to be accurately placed and securely held in position by tie wire at intersections. Beam and Girder steel to be held and spaced by approved metal devices.
Provide and set 3" dia. pipe Weep Holes at about 5'-0" cts. in abutment and wing walls as directed.

CAPITOLA BRIDGE

OVER SOQUEL CREEK AT CAPITOLA

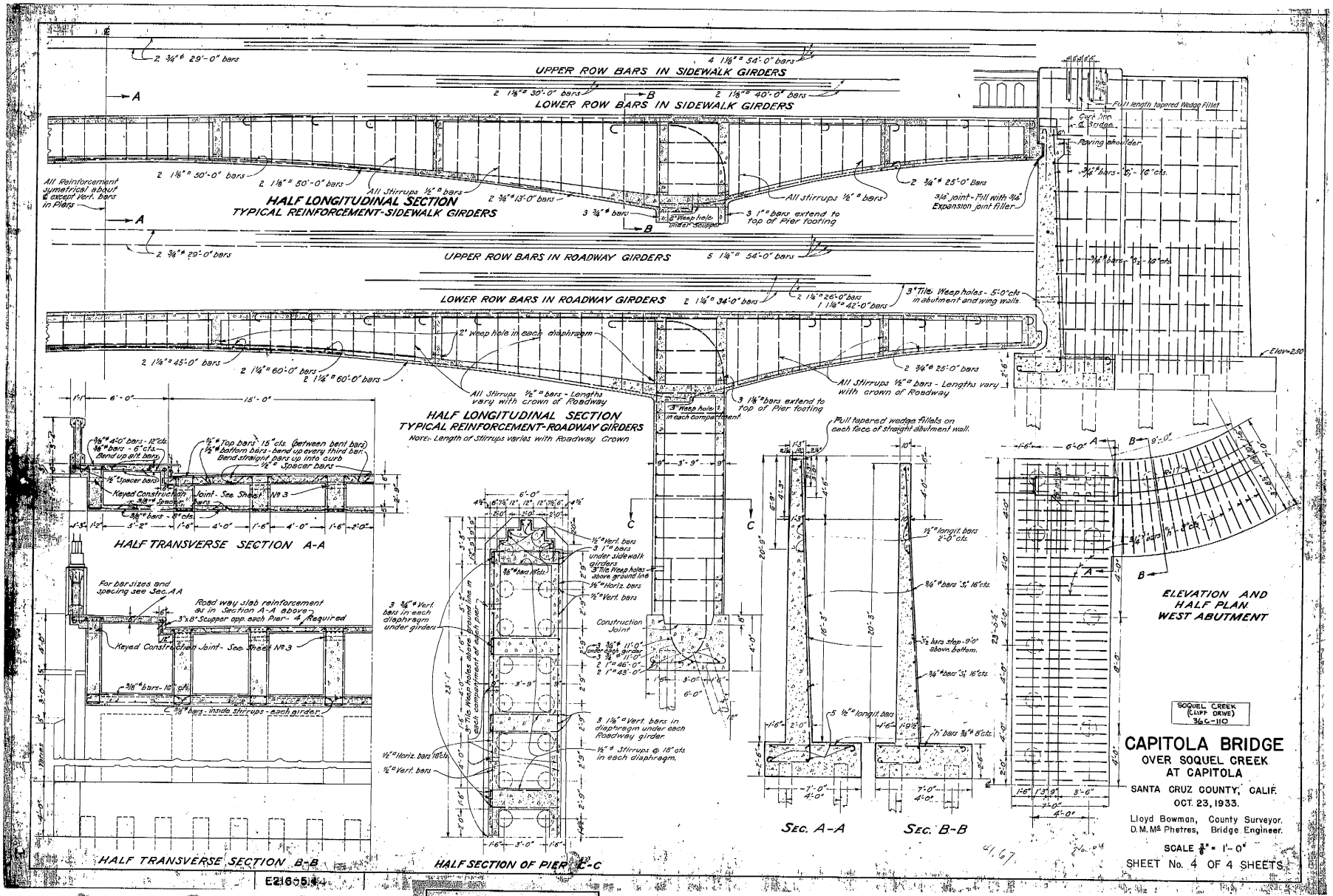
SANTA CRUZ COUNTY, CALIF. OCT. 23, 1933.
Lloyd Bowman, County Surveyor.
D.M. Mc Phetres, Bridge Engineer.
SCALES NOTED
SHEET No. 3 OF 4 SHEETS

EZ16-65.3

AS BUILT PLANS
Contract No. UNKNOWN
Date Completed
Document No. Item 899.5

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF TRANSPORTATION.
DATE 7-27-79 SIGNATURE Joseph M Coito TITLE Supervisor of Microfilm

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A'S BUILT PLANS
Contract No. UNKNOWN
Date Completed
Document No. 4200 8995

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF TRANSPORTATION.
DATE 7-27-79 SIGNATURE Joseph M Potts TITLE Supervising Engr Microfilm

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ATTACHMENT 3

MANHOLE 1: INTERIOR PICTURE



ATTACHMENT 4

MANHOLE 2: INTERIOR PICTURE



ATTACHMENT 5

MANHOLE 3: INTERIOR PICTURE



ATTACHMENT 6

MANHOLE 4: INTERIOR PICTURE



ATTACHMENT 7

MANHOLE 5: INTERIOR PICTURE



ATTACHMENT 8

MANHOLE 6: INTERIOR PICTURE



ATTACHMENT 9

MANHOLE A: INTERIOR PICTURE



ATTACHMENT 10

MANHOLE B: INTERIOR PICTURE



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Attachment 2

Scour Analysis

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MEMORANDUM

DATE: April 1, 2026 **Job No.:** 2300338

TO: Jessica Kahn, City of Capitola

FROM: Julia Harberson, CSWST2

RE: **STOCKTON AVENUE BRIDGE SCOUR ANALYSIS**

INTRODUCTION

This memorandum is prepared to provide a summary of the preliminary findings of the scour analysis for the Stockton Avenue Bridge in Capitola, California as a part of Caltrans Highway Design Manual (HDM), Section 16-1 – Hydraulic Design for Structures Over Walkways. Stockton Avenue Bridge spans the lower reaches of Soquel Creek near the mouth of the creek. Soquel Creek Watershed, which is situated between the cities of Santa Cruz and Watsonville, drains an area of approximately 42 square miles. The watershed is comprised of urban development, rural residential development, agriculture, parks and recreation, and mining and timber harvesting. Stockton Avenue Bridge serves as a key vehicular and pedestrian link and supports several critical utility lines.



Figure 1: Stockton Avenue Bridge Looking Upstream

EXISTING CONDITIONS

The Stockton Avenue Bridge is furthest downstream bridge in the Soquel Creek watershed, which is known to have large woody debris (LWD) that has historically caused flooding by damming up bridges, specifically in

1955 and 1982 storm seasons. Stockton Avenue Bridge has a center clear span of 80 feet and is supported by two piers.

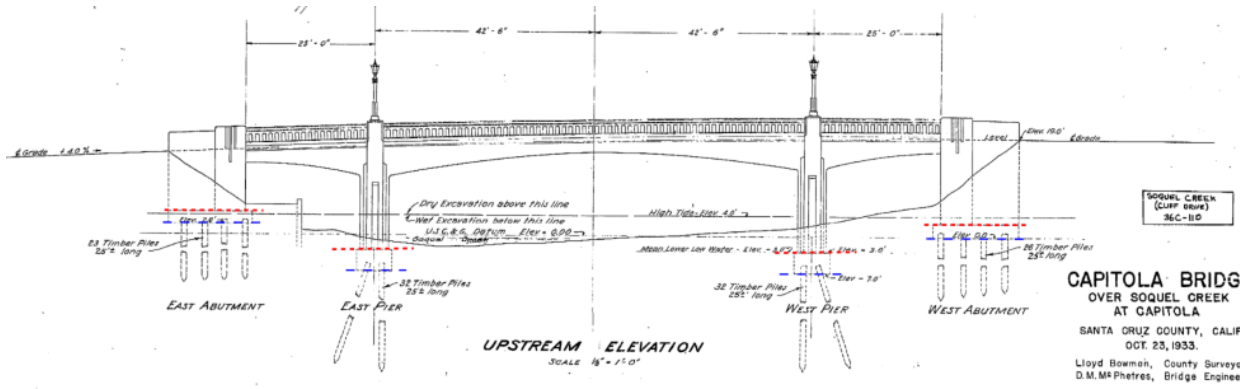


Figure 2: Stockton Avenue Bridge As-Built with Pile Caps Highlighted (Red is the top of the pile cap and blue is the bottom of the pile cap)

At the mouth of Soquel Creek, downstream of the Stockton Avenue Bridge, a lagoon is artificially formed in the summer by building or allowing a sandy berm/sandbar at the creek's outlet. A concrete flume under the sand that allows Soquel Creek to discharge to the ocean when the sandbar is in place. Flow is managed through this flume. Once creek flows rise sufficiently (often in winter / the rainy season), the sandbar is opened or breached so the creek can flow freely to the ocean. This helps prevent flooding, overflow, or other hazards. For the purpose of our analysis, we assume the sandbar has been breached.

METHODOLOGY

In alignment with Caltrans and the Federal Highway Administration (FHWA) guidelines HEC-18, bridge scour analysis was completed utilizing the Army Corp of Engineer's Hydrologic Engineering Center's River Analysis Computer Program (HEC-RAS). Use of HEC-RAS to model channel hydraulics for the scenarios provided is considered appropriate as the water in the channel, at the elevations modeled, is flowing in one direction, downstream, toward the ocean during the flow event. Additionally, HEC-RAS model provides bridge scour depths for contraction, piers and abutments.

Geometry:

The HEC-RAS geometry file which defines the water channel (Soquel Creek) and adjacent topography is based on topographic information of the area sourced from the County of Santa Cruz Geographic Information Systems Department. This topographic information is supplemented by field points taken by CSWST2 in July 2025 utilizing the Trimble Geo 7x Handheld GNSS System. The bridge information is based on the As-Built Plans Set from Caltrans, Document No. 40008995 for Capitola Bridge, dated October 1933.

Peak Flow:

The peak flow used for the 100-year storm event is 17,500 cfs in accordance with the Federal Emergency Management Agency's (FEMA) Flood Insurance Study (FIS) for Santa Cruz County, CA and Incorporated Areas, FIS No. 06087CV001C.

The peak flow for the lower flow event of 1,200 cfs is pulled from the United States Geological Survey's (USGS) website, "USGS Water Data for the Nation" (waterdata.usgs.gov/nwis). USGS provides data retrieved from a flow monitoring location in Soquel Creek. Between January 2024 and March 2024 four storms produced flows of 1000 cfs or more in Soquel Creek. Large woody debris was observed to be caught below the Stockton Avenue Bridge in February 2024 and in March 2024.

Starting Hydraulic Grade Line:

In this preliminary analysis, to evaluate the response of hydraulic grade line upstream of the Stockton Avenue Bridge to each of the Countermeasure Alternatives, it is assumed that the tide is low and Soquel Creek flows freely at normal depth conditions toward the Pacific Ocean.

Channel Roughness:

United States Geological Survey Water-Supply Paper 2339 "Guide for Selecting Manning's Roughness Coefficients for Natural Channels and Flood Plains" G. Arcement, Jr. & V. Schneider

Main Channel:

Table 1. "Base values of Manning's n"

Sand Channel

n = 0.026

Floodplains:

Utilize a base value of 0.026 and add an adjustment factor from:

Table 2. "Adjustment values for factors that affect the roughness of a channel"

Amount of vegetation – medium – adjustment factor 0.010

n = 0.036

Debris Piers:

HEC-RAS includes the ability to identify the width and depth of floating debris caught on bridge piers, which affect the channel cross section geometry. Data is not available for the amount of LWD that could be caught on a structure for any given storm event. Assumptions were made for the amount of floating debris caught on the Stockton Avenue Bridge and the counter measure alternatives. These assumptions are provided below.

- Assumes that debris is caught on the bridge piers.
- Debris capture is represented by debris piers in the HEC-RAS model
- Debris piers extend 15 feet on either side of the centerline of the eastern bridge pier.
- Debris piers extend 10 feet on either side of the centerline of the western bridge pier.
- The debris pier floats below the water surface at 6' deep.

Bridge Scour:

The HEC-RAS program automatically inputs the results of the hydraulic analysis in the bridge scour analysis. To complete the bridge scour analysis, the following assumptions were made:

- The river bed was assumed to be silty sandy DG type soil where D50=1mm and D95=10mm.
- Per the HEC-18 guidelines, the bed was assumed to be clear-water.
- Based on the As-Built drawings of the bridge and a conservative approach, square-nosed piers.
- The water-flow to pier angle is set at 0-degrees as the water flow is perpendicular to the bridge.

SCOUR ANALYSIS AND RESULTS

Four scenarios were considered in the bridge scour analysis of Stockton Avenue Bridge, see Table 1 below.

Flow Scenario	Flow Rate (cfs)
Low Flow no Debris	1,200
Low Flow with Debris	1,200
High Flow no Debris	17,500
High Flow with Debris	17,500

Table 1: Flow Scenarios

From the HEC-RAS analysis, the scour depth is adjusted for the approximate channel invert and an actual approximate scour depth elevation is calculated which is compared to the bridge pier elevations. Table 2 below shows the pier scour depth results from the analysis and adjustment to approximate scour elevation. As shown in Table 1 below, in the low flow condition (Q=1,200 cfs), large woody debris does not impact the scour analysis. In the high flow condition (Q=17,500 cfs), the large woody debris increases the scour depth.

Flow Condition		Pier + Contraction Scour (ft)		Approximate Channel Invert (ft)		Pier + Contraction Scour Depth Elevation (ft)	
Peak Flow (cfs)	Large Woody Debris	North/Right Pier	South/Left Pier	North/Right Pier	South/Left Pier	North/Right Pier	South/Left Pier
1,200	No	5.68	5.68	-1.5	-1.5	-7.18	-7.18
1,200	Yes	5.68	5.68	-1.5	-1.5	-7.18	-7.18
17,500	No	14.39	14.39	-1.5	-1.5	-15.88	-15.88
17,500	Yes	17.15	17.15	-1.5	-1.5	-18.65	-18.65

Table 2: Pier Scour Results

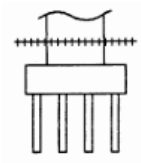
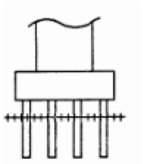
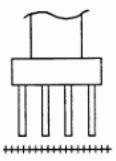
The results of the scour analysis at the abutments as well as the adjustment to scour depth elevation are shown in Table 3 below. As shown in Table 3, only the right bridge abutment in the high flow (Q=17,500 cfs) condition with woody debris, is impacted by pier scour.

Flow Condition		Abutment + Contraction Scour		Approximate Channel Invert (ft)		Abutment + Contraction Scour Depth Elevation (ft)	
Peak Flow (cfs)	Large Woody Debris	North/Right Abutment	South/Left Abutment	North/Right Abutment	South/Left Abutment	North/Right Abutment	South/Left Abutment
1,200	No	n/a	n/a	4.42	8.4	n/a	n/a
1,200	Yes	n/a	n/a	4.42	8.4	n/a	n/a
17,500	No	n/a	n/a	4.42	8.4	n/a	n/a
17,500	Yes	5.95	n/a	4.42	8.4	-1.53	n/a

Table 3: Abutment Scour Results

The following relevant single-digit and bridge condition status are per Attachment B of the FHWA Revision of Coding Guide, Item 113 – Scour Critical Bridges Memorandum dated April 27, 2001 (HIBT-30):

Code	Description
5	Bridge foundations determined to be stable for assessed or calculated scour conditions. Scour is determined to be within the limits of footing or piles (Example B) by assessment (i.e., bridge foundations are on rock formations that have been determined to resist scour within the service life of the bridge), by calculations or by installation of properly designed countermeasures (see HEC 23).
3	Bridge is scour critical; bridge foundations determined to be unstable for assessed or calculated scour conditions: -Scour within limits of footing or piles (Example B) -Scour below spread footing base or pile tips.

Examples	Calculated Scour Depth	Action Needed
A. Above Top of Footing		None – indicate rating of 8 for this item
B. Within Limits of piles		Conduct foundation structural analysis
C. Below pile tips		Provide for monitoring and scour countermeasures as necessary

As shown in Table 4 below, for all flow scenarios, the entire pier caps are exposed. In the low flow condition (Q=1,200 cfs), the length of pier exposure may vary over the course of a storm event with the possible variance in the channel bed elevation at the piers. The scour depth falls between the top of the pile cap and the bottom of the pile but near the pile cap which, per FHWA Item 113 is coded as 3 or 5 meaning additional structural analysis is required to determine whether the bridge foundations are stable or not and additional measures to protect the exposed foundations may be required.

Per the as-built drawings, the length of the pier pile timbers is approximately 25' long. As such, in the high flow conditions (Q=17,500 cfs), the scour depth falls in the bottom half of the exposed pier pile. Per Item 113 (FHWA NBIP), the bridge is coded as 3 which indicates the bridge is scour critical and additional foundation structural analysis is needed.

Flow Condition		Pier + Contraction Scour Depth Elevation (ft)		Pier Cap Top/Bottom Elevation (ft)		Pier Cap Exposed Top/Bottom (Yes/No)	
Peak Flow (cfs)	Large Woody Debris	North/Right Pier	South/Left Pier	North/Right Pier	South/Left Pier	North/Right Pier	South/Left Pier
1,200	No	-7.18	-7.18	-3 / -7	-3 / -7	Yes / Yes	Yes / Yes
1,200	Yes	-7.18	-7.18	-3 / -7	-3 / -7	Yes / Yes	Yes / Yes
17,500	No	-15.88	-15.88	-3 / -7	-3 / -7	Yes / Yes	Yes / Yes
17,500	Yes	-18.65	-18.65	-3 / -7	-3 / -7	Yes / Yes	Yes / Yes

Table 4: Pier Scour – Adjusted Scour Depth

As noted in Table 3, only the northern (right) abutment is impacted by bridge scour in the high flow scenario accounting for debris. As shown in Table 5 below, the entire abutment pier cap is exposed. Approximately 2-feet of the piles are exposed and per FHWA Item 113, the bridge is coded as 3 or 5 which means additional structural analysis is required to determine whether the bridge foundations are stable or not and additional measures to protect the exposed foundations may be required.

Flow Condition		Abutment + Contraction Scour Depth Elevation (ft		Abutment Pier Cap Top/Bottom Elevation (ft)		Abutment Pier Cap Exposed Top/Bottom (Yes/No)	
Peak Flow (cfs)	Large Woody Debris	North/Right Abutment	South/Left Abutment	North/Right Abutment	South/Left Abutment	North/Right Abutment	South/Left Abutment
1,200	No	n/a	n/a	2.5 / 0	4.5 / 2	n/a	n/a
1,200	Yes	n/a	n/a	2.5 / 0	4.5 / 2	n/a	n/a
17,500	No	n/a	n/a	2.5 / 0	4.5 / 2	n/a	n/a
17,500	Yes	-1.53	n/a	2.5 / 0	4.5 / 2	Yes / Yes	n/a

Table 5: Abutment Scour – Adjusted Depth

CONCLUSION

Stockton Avenue Bridge was analyzed for bridge scour in four flow scenarios, low flow (Q=1,200 cfs) with and without debris, and high flow (Q=17,500 cfs) with and without debris. As seen in Table 2, debris doesn't impact the low flow bridge scour results. See Table 6 below.

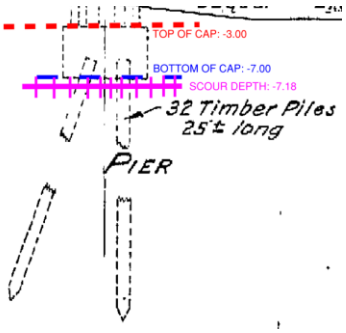
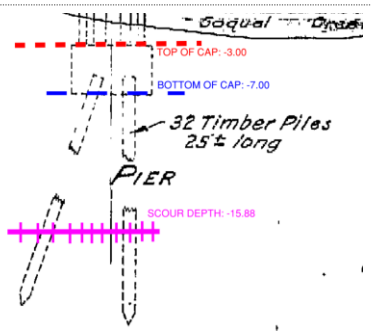
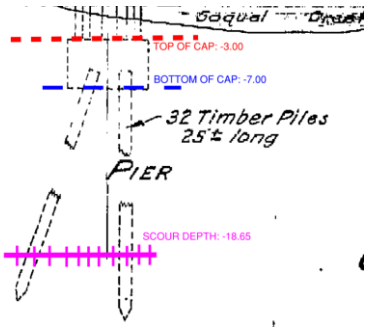
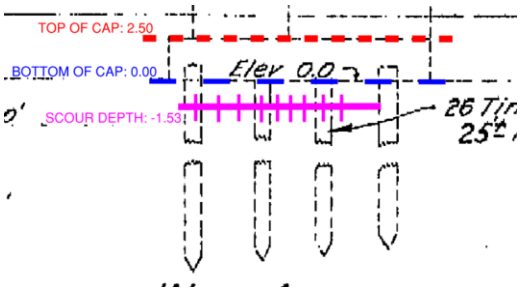
Location	Flow Scenario	Scour Depth	FHWA Item 113 Code & Recommendation
Bridge Piers (north & south)	Low Flow with and without Debris (Q=1,200 cfs)		3 or 5: • additional structural analysis is needed to determine bridge foundation stability
	High Flow no Debris (Q=17,500 cfs)		3: • bridge is scour critical • additional foundation structural analysis is needed to determine foundation stability
	High Flow with Debris (Q=17,500 cfs)		3: • bridge is scour critical • additional foundation structural analysis is needed to determine foundation stability
Bridge Abutment (north/right)	High Flow with Debris (Q=17,500 cfs)		3 or 5: • additional structural analysis is needed to determine bridge foundation stability

Table 6: Results Summary

ATTACHMENTS

Attachment 1: HEC-RAS Model Bridge Scour Results Table

Attachment 2: HEC-RAS Model Bridge Scour Section Plots

Attachment 3: Stockton Avenue Bridge As-Built Drawings

Attachment 4: Hydraulic Assessment of Debris Countermeasure Alternatives Preliminary Results

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ATTACHMENT 1:

HEC-RAS Model Bridge Scour Results Table

LOW FLOW (Q=1,200 CFS) NO DEBRIS

Contraction Scour

		Left	Channel	Right
Input Data				
	Average Depth (ft):		6.38	
	Approach Velocity (ft/s):		1.56	
	Br Average Depth (ft):		6.43	
	BR Opening Flow (cfs):		1200.00	
	BR Top WD (ft):		110.30	
	Grain Size D50 (mm):		1	
	Approach Flow (cfs):		1200.00	
	Approach Top WD (ft):		120.65	
	K1 Coefficient:		0.590	
Results				
	Scour Depth Ys (ft):		0.00	
	Critical Velocity (ft/s):		2.27	
	Equation:		Clear	

Pier Scour

All piers have the same scour depth

Input Data		
	Pier Shape:	Square nose
	Pier Width (ft):	5.50
	Grain Size D50 (mm):	1.00000
	Depth Upstream (ft):	7.34
	Velocity Upstream (ft/s):	1.68
	K1 Nose Shape:	1.10
	Pier Angle:	0.00
	Pier Length (ft):	44.17
	K2 Angle Coef:	1.00
	K3 Bed Cond Coef:	1.10
	Grain Size D90 (mm):	10.00000
	K4 Armouring Coef:	1.00
Results		
	Scour Depth Ys (ft):	5.68
	Froude #:	0.11
	Equation:	CSU equation

LOW FLOW (Q=1,200 CFS) WITH DEBRIS

Contraction Scour

		Left	Channel	Right
Input Data				
	Average Depth (ft):		6.40	
	Approach Velocity (ft/s):		1.55	
	Br Average Depth (ft):		7.05	
	BR Opening Flow (cfs):		1200.00	
	BR Top WD (ft):		71.29	
	Grain Size D50 (mm):		1.00	1.00
	Approach Flow (cfs):		1200.00	
	Approach Top WD (ft):		120.66	
	K1 Coefficient:		0.590	
Results				
	Scour Depth Ys (ft):		0.00	
	Critical Velocity (ft/s):		2.27	
	Equation:		Clear	

Pier Scour

All piers have the same scour depth

Input Data		
	Pier Shape:	Square nose
	Pier Width (ft):	5.50
	Grain Size D50 (mm):	1.00000
	Depth Upstream (ft):	7.36
	Velocity Upstream (ft/s):	1.67
	K1 Nose Shape:	1.10
	Pier Angle:	0.00
	Pier Length (ft):	44.17
	K2 Angle Coef:	1.00
	K3 Bed Cond Coef:	1.10
	Grain Size D90 (mm):	10.00000
	K4 Armouring Coef:	1.00
Results		
	Scour Depth Ys (ft):	5.68
	Froude #:	0.11
	Equation:	CSU equation

HIGH FLOW (Q=17,500 CFS) NO DEBRIS

Contraction Scour

		Left	Channel	Right
Input Data				
	Average Depth (ft):		14.29	2.49
	Approach Velocity (ft/s):		9.99	2.35
	Br Average Depth (ft):		16.46	
	BR Opening Flow (cfs):		17500.00	
	BR Top WD (ft):		94.74	
	Grain Size D50 (mm):		1.00	1
	Approach Flow (cfs):		17385.30	114.70
	Approach Top WD (ft):		121.86	19.60
	K1 Coefficient:		0.640	0.640
Results				
	Scour Depth Ys (ft):		0.42	
	Critical Velocity (ft/s):		2.59	
	Equation:		Live	

Pier Scour

All piers have the same scour depth

Input Data		
	Pier Shape:	Square nose
	Pier Width (ft):	5.50
	Grain Size D50 (mm):	1.00000
	Depth Upstream (ft):	15.37
	Velocity Upstream (ft/s):	10.79
	K1 Nose Shape:	1.10
	Pier Angle:	0.00
	Pier Length (ft):	44.17
	K2 Angle Coef:	1.00
	K3 Bed Cond Coef:	1.10
	Grain Size D90 (mm):	10.00000
	K4 Armouring Coef:	1.00
Results		
	Scour Depth Ys (ft):	13.97
	Froude #:	0.48
	Equation:	CSU equation

Combined Scour Depths

Pier Scour + Contraction Scour (ft):

Channel:	14.39

HIGH FLOW (Q=17,500 CFS) WITH DEBRIS

Contraction Scour

		Left	Channel	Right
Input Data				
	Average Depth (ft):	0.21	14.89	1.47
	Approach Velocity (ft/s):	0.29	9.56	2.15
	Br Average Depth (ft):		15.79	
	BR Opening Flow (cfs):		17500.00	
	BR Top WD (ft):		80.59	
	Grain Size D50 (mm):		1.00	1.00
	Approach Flow (cfs):	0.04	17350.87	149.10
	Approach Top WD (ft):	0.58	121.87	47.14
	K1 Coefficient:		0.590	
Results				
	Scour Depth Ys (ft):		3.35	
	Critical Velocity (ft/s):		2.61	
	Equation:		Live	

Pier Scour

All piers have the same scour depth

Input Data		
	Pier Shape:	Square nose
	Pier Width (ft):	5.50
	Grain Size D50 (mm):	1.00000
	Depth Upstream (ft):	15.97
	Velocity Upstream (ft/s):	10.35
	K1 Nose Shape:	1.10
	Pier Angle:	0.00
	Pier Length (ft):	44.17
	K2 Angle Coef:	1.00
	K3 Bed Cond Coef:	1.10
	Grain Size D90 (mm):	10.00000
	K4 Armouring Coef:	1.00
Results		
	Scour Depth Ys (ft):	13.79
	Froude #:	0.46
	Equation:	CSU equation

Abutment Scour

		Left	Right
Input Data			
	Station at Toe (ft):	182.41	313.87
	Toe Sta at appr (ft):	181.09	312.85
	Abutment Length (ft):	0.61	50.29
	Depth at Toe (ft):	-1.98	0.59
	K1 Shape Coef:	1.00 - Vertical abutment	
	Degree of Skew (degrees):	90.00	90.00
	K2 Skew Coef:	1.00	1.00
	Projected Length L' (ft):	0.61	50.29
	Avg Depth Obstructed Ya (ft):	0.86	1.42
	Flow Obstructed Qe (cfs):	2.71	164.78
	Area Obstructed Ae (sq ft):	0.53	71.34
Results			
	Scour Depth Ys (ft):		2.60
	Froude #:		0.22

Equation:	Default	HIRE

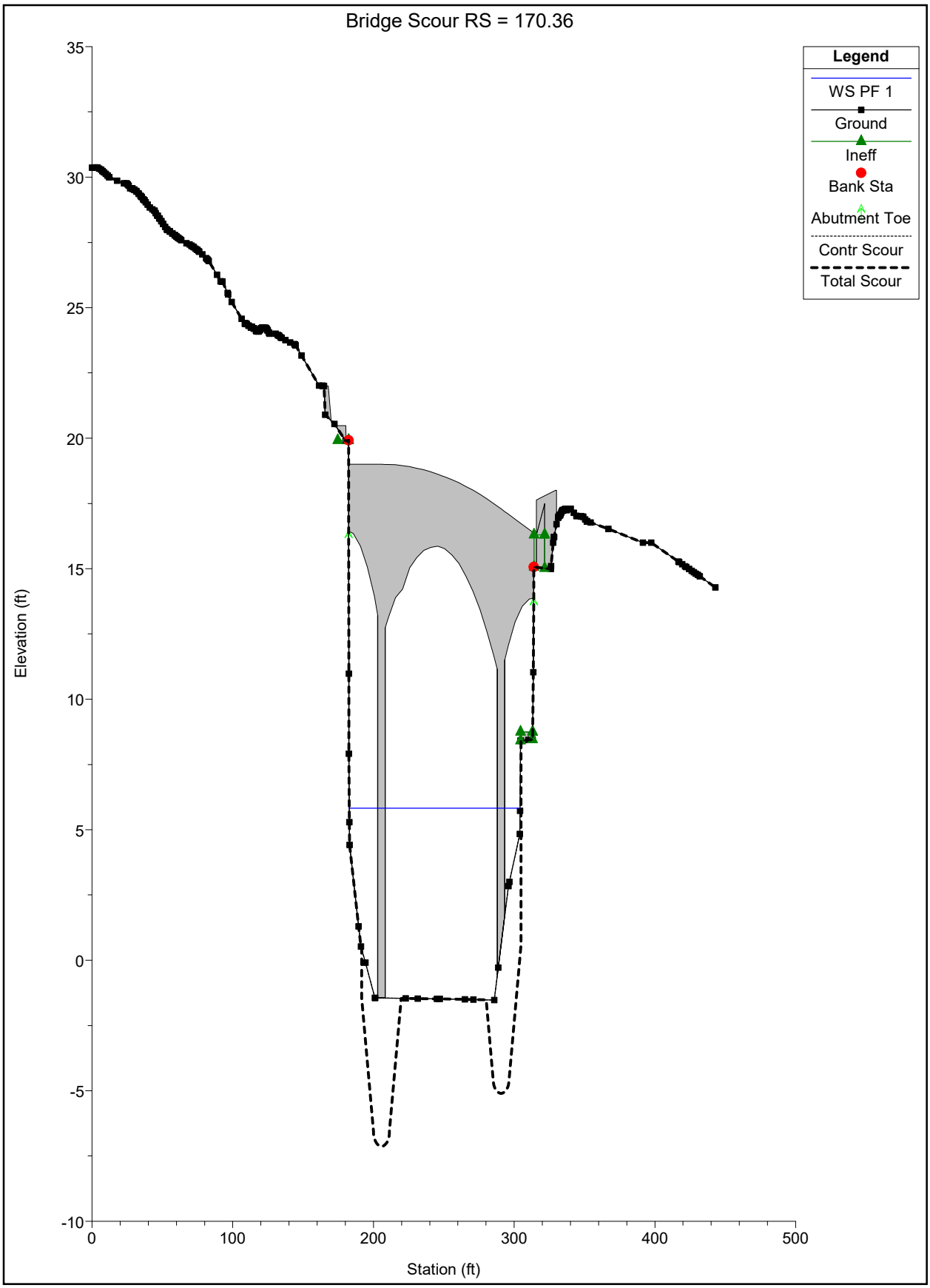
Combined Scour Depths

Pier Scour + Contraction Scour (ft):		
	Channel:	17.15
Right abutment scour + contraction scour (ft):	5.95	

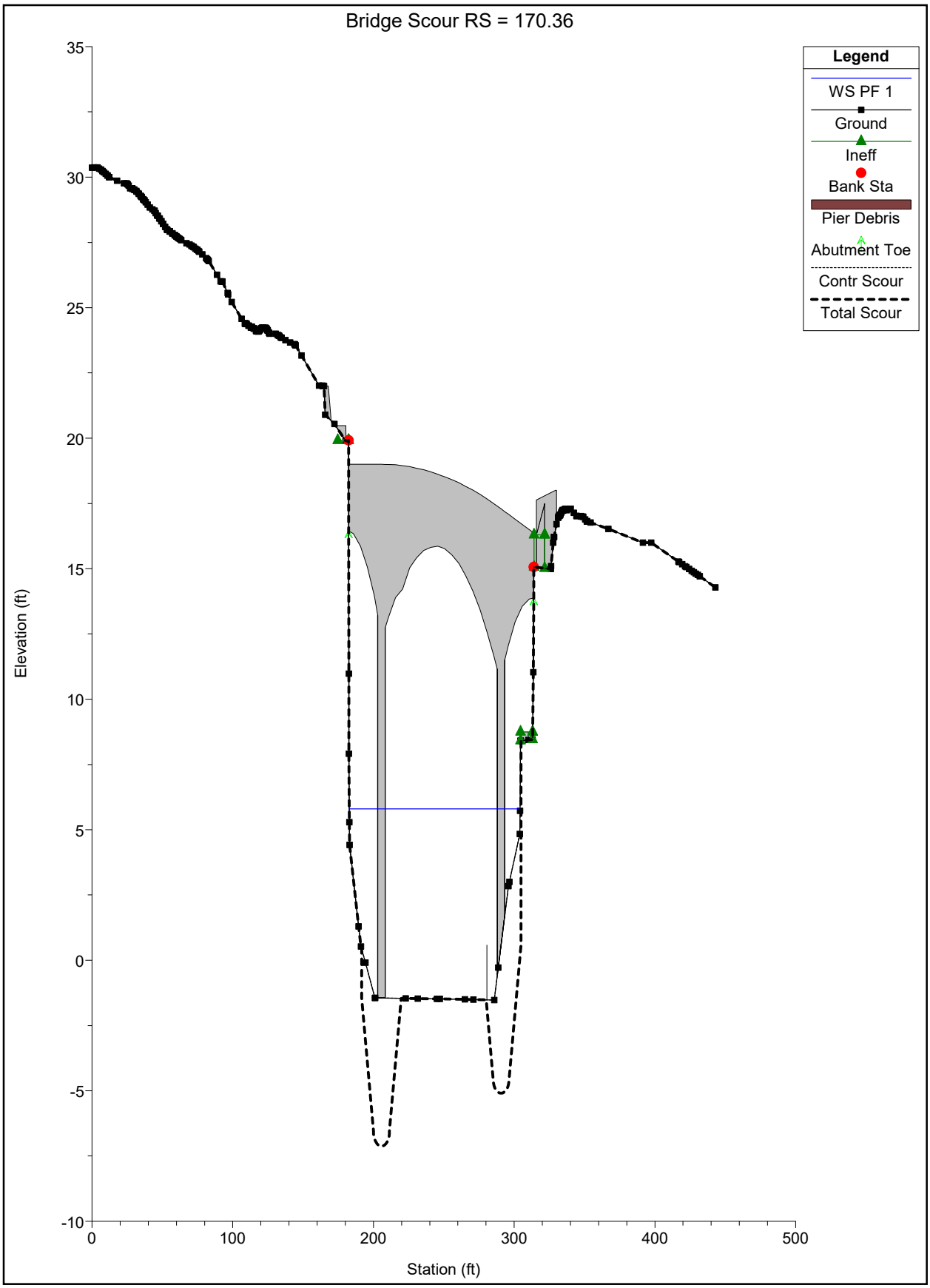
ATTACHMENT 2:

HEC-RAS Model Bridge Scour Section Plots

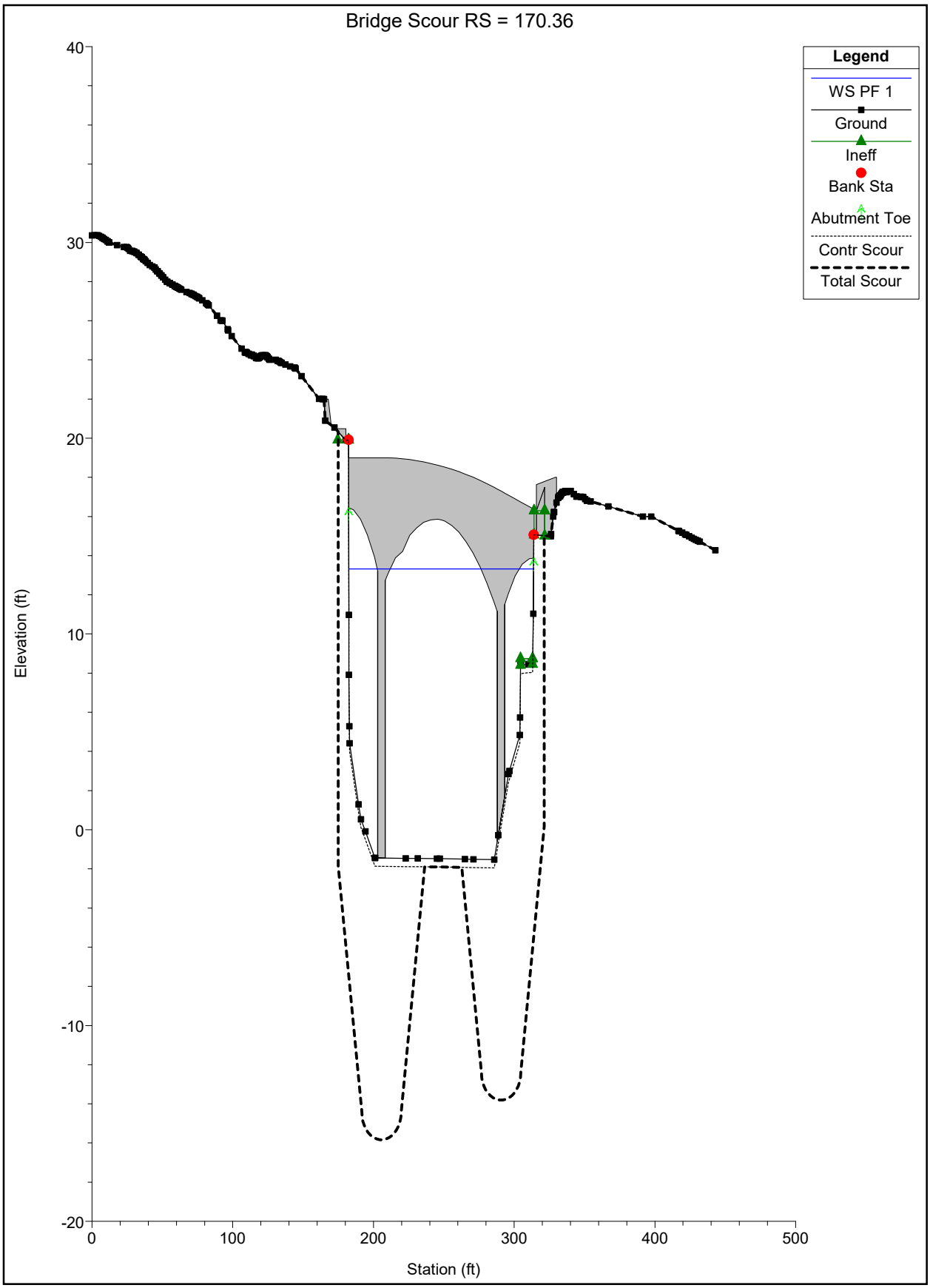
LOW FLOW (Q=1,200 CFS) NO DEBRIS



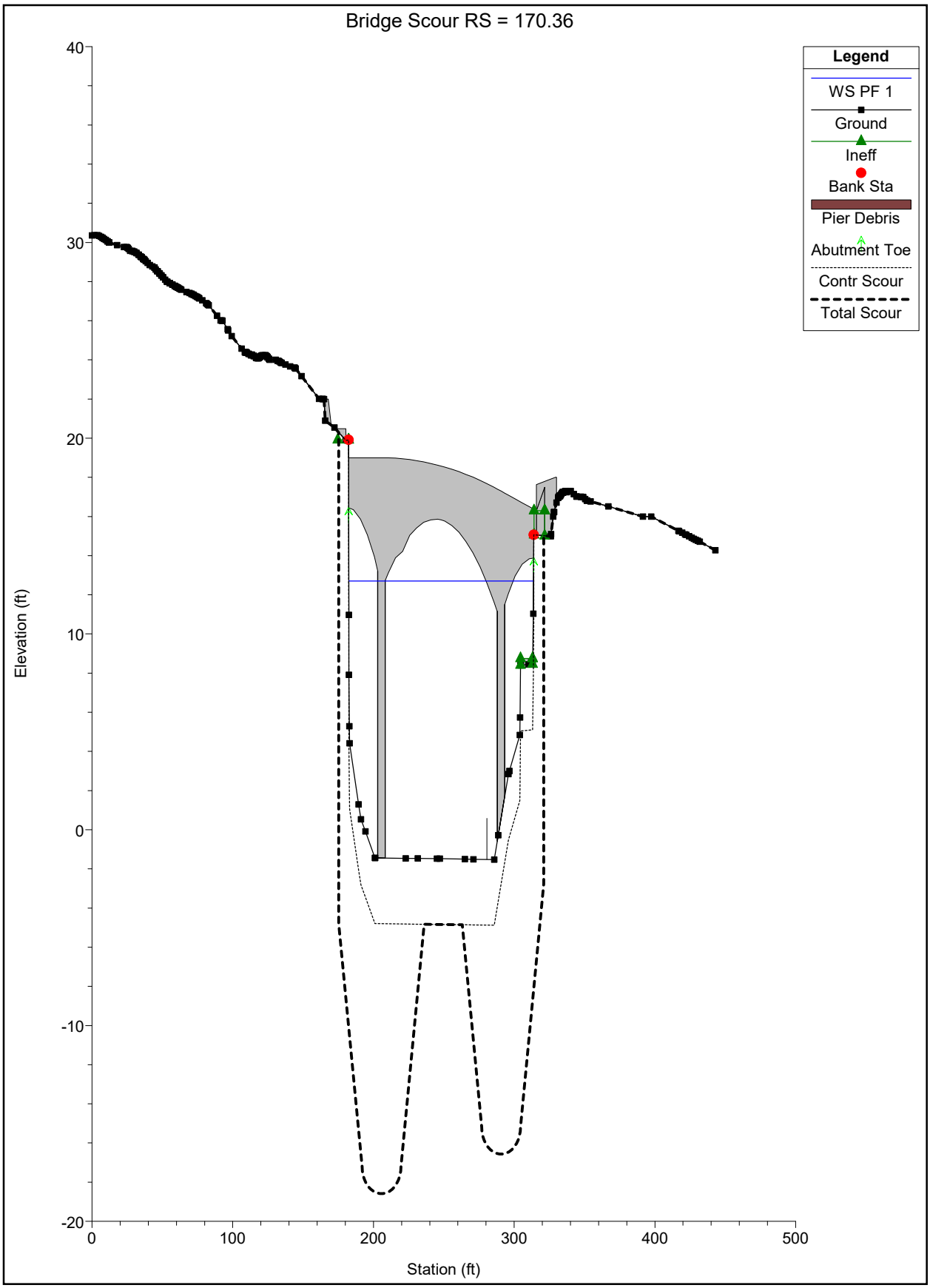
LOW FLOW (Q=1,200 CFS) WITH DEBRIS



HIGH FLOW (Q=17,500 CFS) NO DEBRIS



HIGH FLOW (Q=17,500 CFS) WITH DEBRIS



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ATTACHMENT 3:

Stockton Avenue Bridge As-Built Drawings

California Department of Transportation
Division of Maintenance

Structure Maintenance and Investigations

BRIDGE

INSPECTION

RECORDS

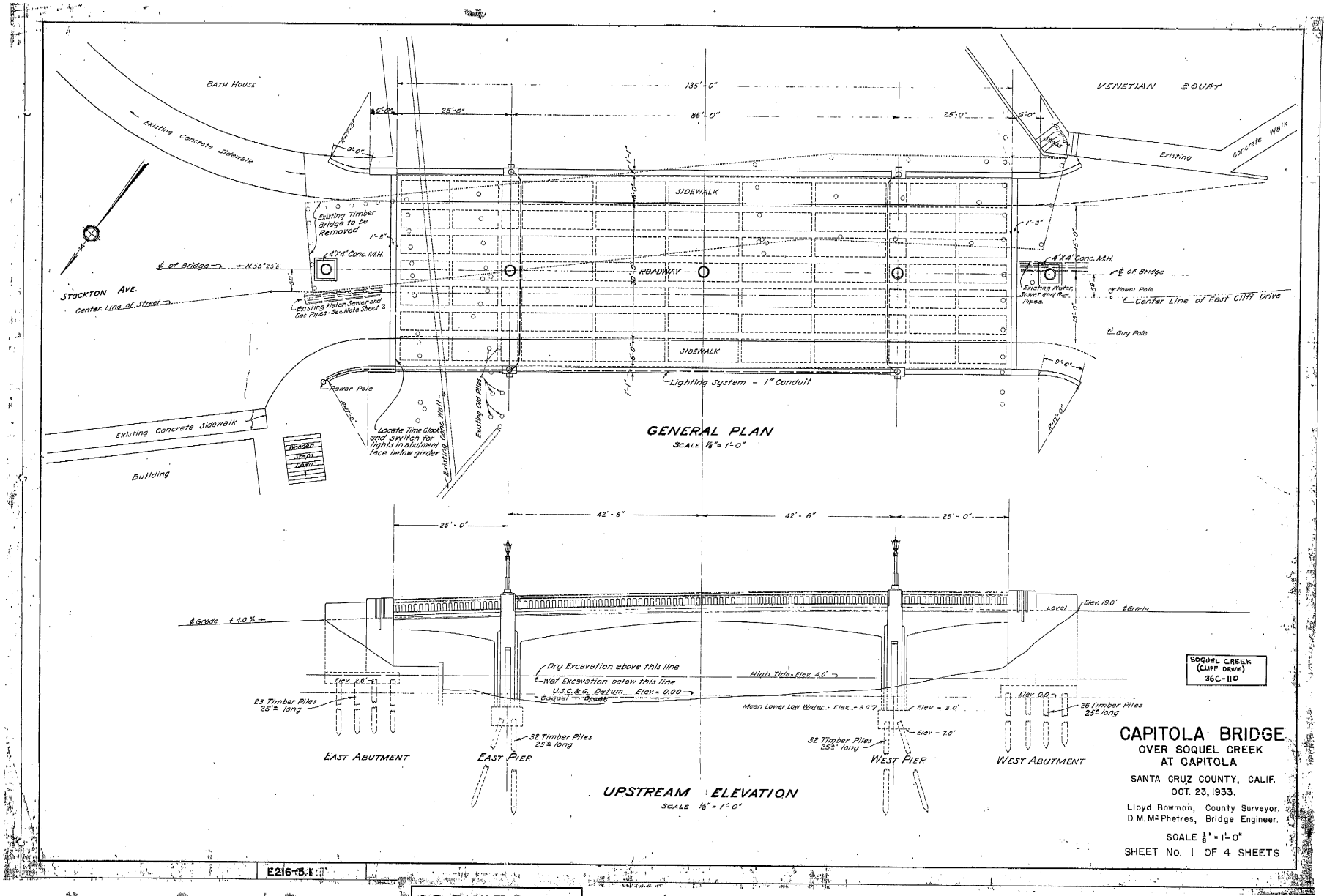
INFORMATION

SYSTEM

The requested documents have been generated by BIRIS.

These documents are the property of the California Department of Transportation and should be handled in accordance with Deputy Directive 55 and the State Administrative Manual.

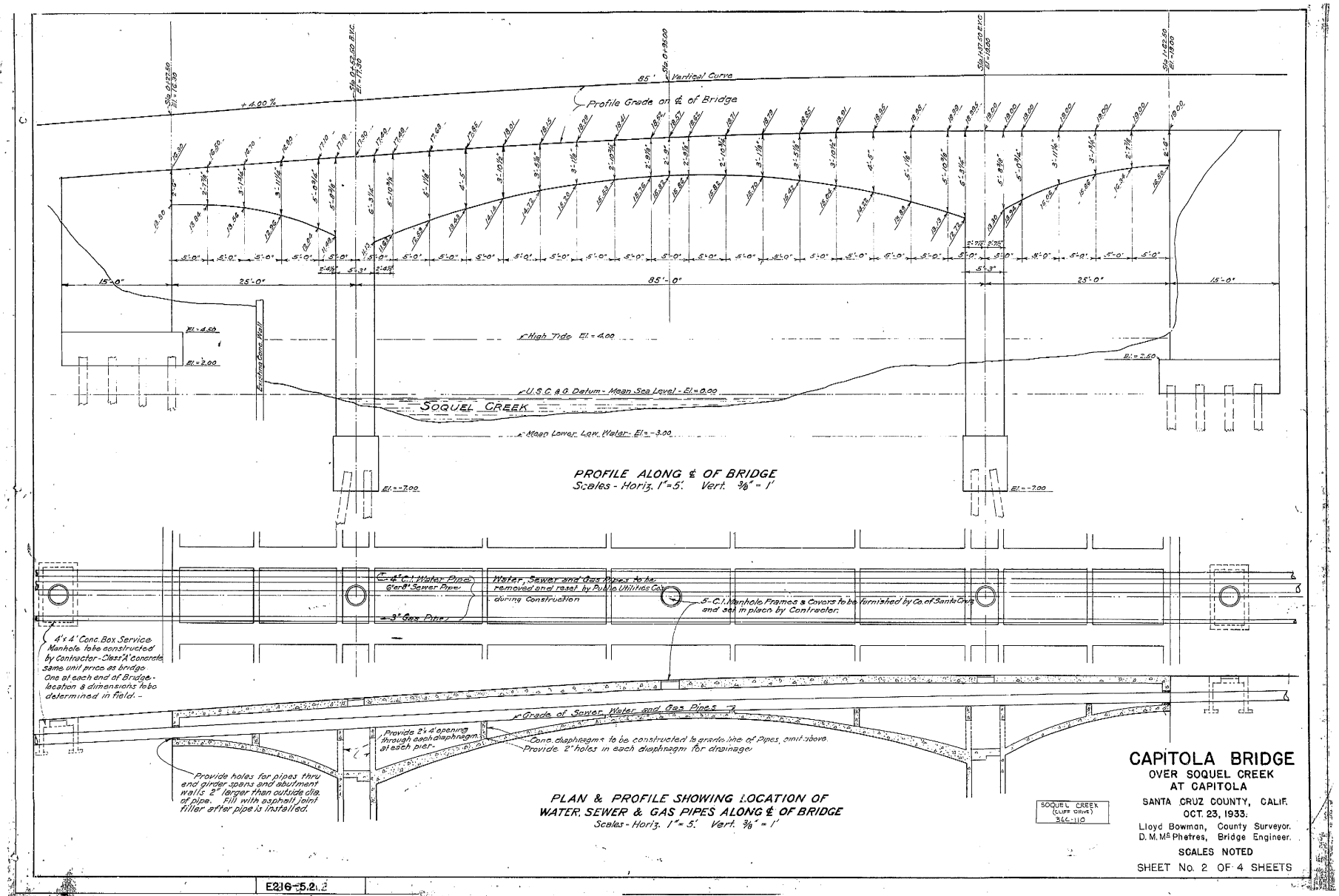
Records for “Confidential” bridges may only be released outside the Department of Transportation upon execution of a confidentiality agreement.



AS BUILT PLANS
Contract No. UNKNOWN
Date Completed
Document No. 4000 8995

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF TRANSPORTATION
DATE 7-27-79 SIGNATURE Joseph M Lastra TITLE Supervising of Materials

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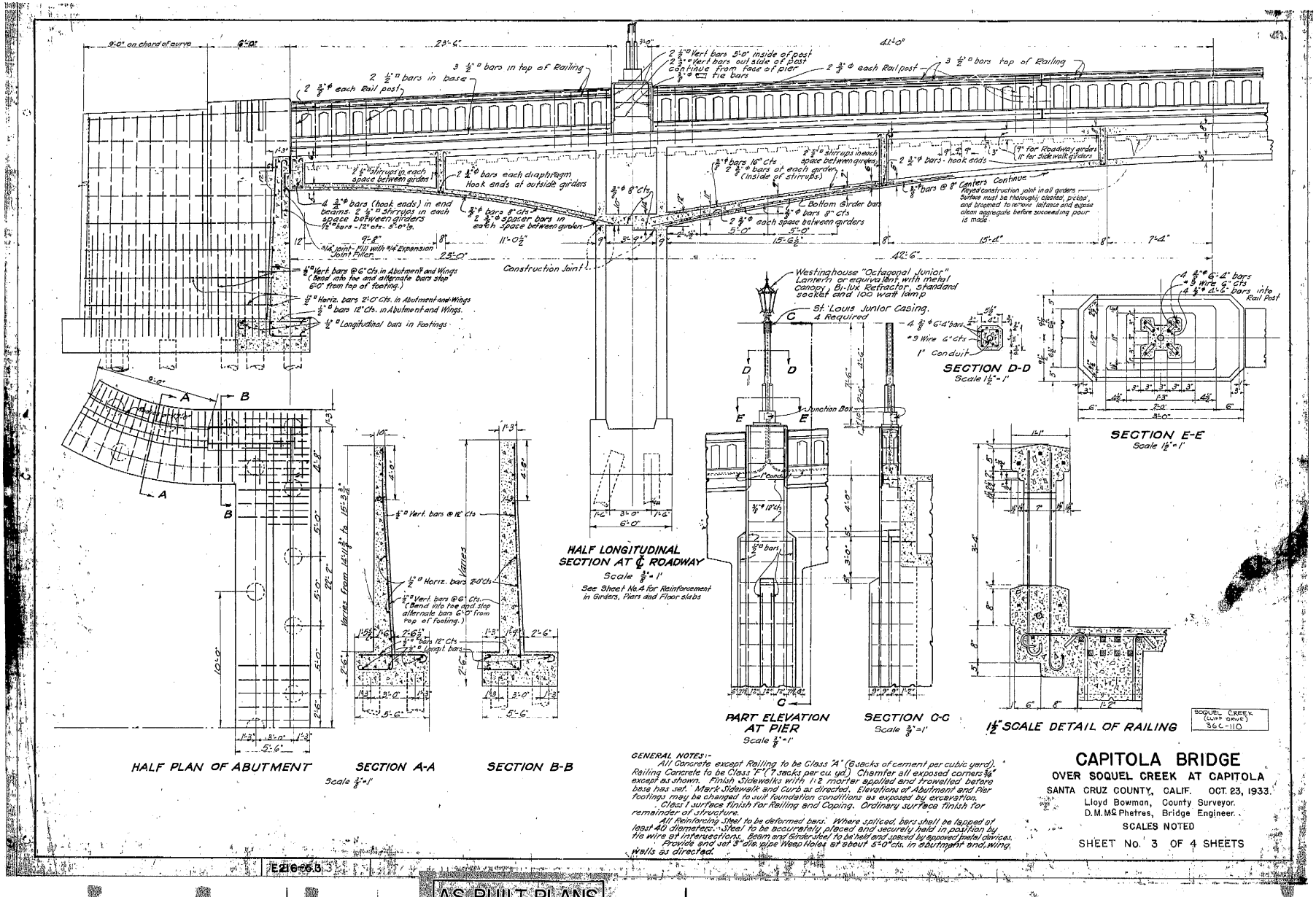


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Contract No. UNKNOWN
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Document No. 4000899.5

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DATE 7-27-79 SIGNATURE Joseph M Porter TITLE Supervising of Materials

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GENERAL NOTES:-

All Concrete except Railing to be Class "A" (6 sacks of cement per cubic yard). Railing Concrete to be Class "F" (7 sacks per cu. yd.) Chamfer all exposed corners ¾" except as shown. Finish Sidewalks with 1:2 mortar applied and trowelled before base has set. Mark Sidewalk and Curb as directed. Elevations of Abutment and Pier footings may be changed to suit foundation conditions as exposed by excavation.

Class I surface finish for Railing and Coping. Ordinary surface finish for remainder of structure.

All Reinforcing Steel to be deformed bars. Where spliced, bars shall be lapped at least 40 diameters. Steel to be accurately placed and securely held in position by tie wire at intersections. Beam and Girder steel to be held and spaced by approved metal devices.

Provide and set 3" dia. pipe Weep Holes at about 5'-0" cts. in abutment and wing walls as directed.

CAPITOLA BRIDGE

OVER SOQUEL CREEK AT CAPITOLA

SANTA CRUZ COUNTY, CALIF. OCT. 23, 1933.

Lloyd Bowman, County Surveyor.

D.M. Mc Phetres, Bridge Engineer.

SCALES NOTED

SHEET No. 3 OF 4 SHEETS

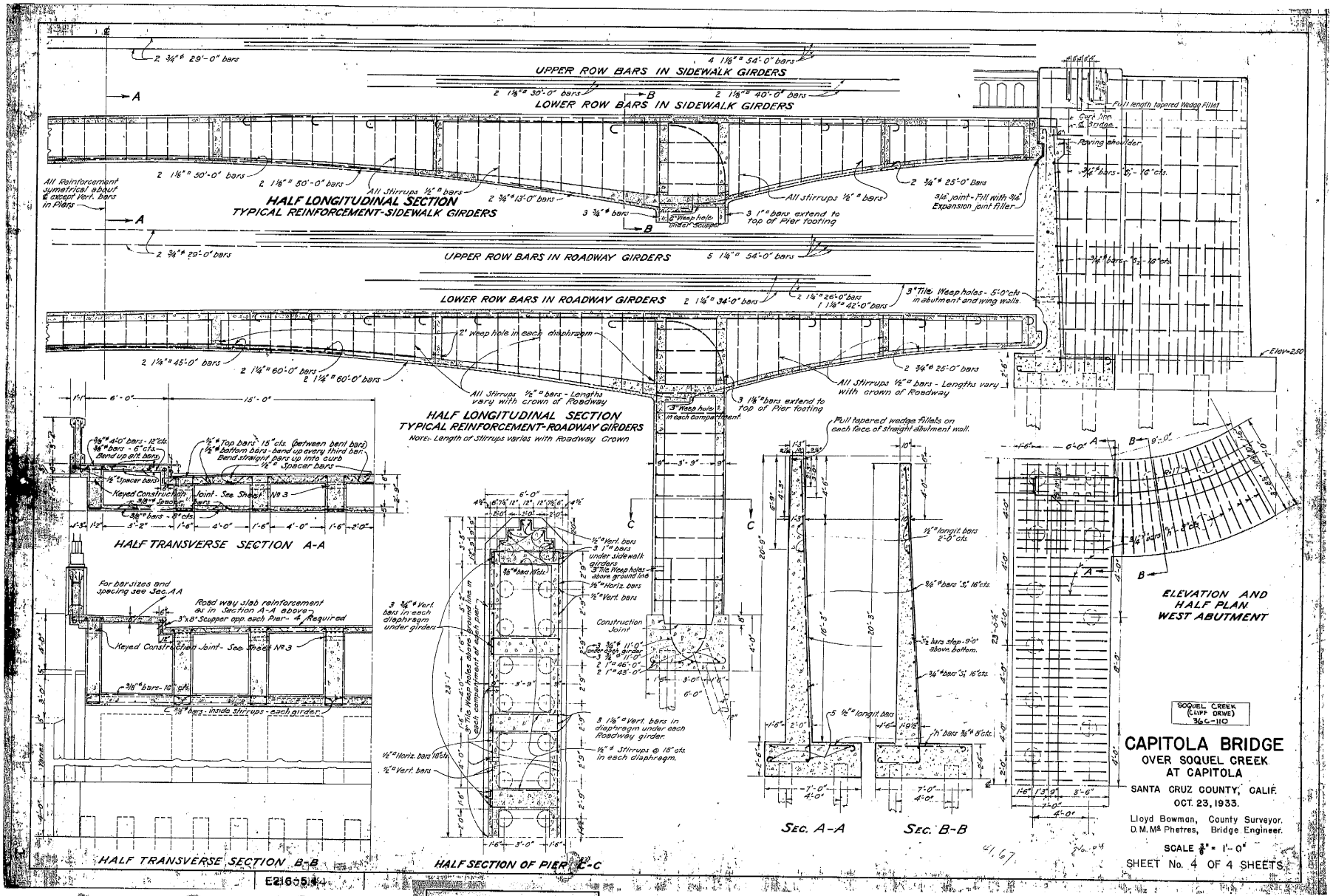
EZ16-65.3

AS BUILT PLANS
Contract No. UNKNOWN
Date Completed
Document No. Item 8995

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DATE 7-27-79 SIGNATURE Joseph M Coito TITLE Supervisor of Microfilm

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A'S BUILT PLANS
Contract No. UNKNOWN
Date Completed
Document No. 4200 8995

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7-27-79 Joseph M Potter Supervising Mtce

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ATTACHMENT 4:

Hydraulic Assessment of Debris Countermeasure Alternatives Preliminary Results

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MEMORANDUM

DATE: June 28, 2024 **FILE:** 2300338

TO: Julia Harberson

FROM: Kristine Pillsbury and Brianna Bright

RE: **STOCKTON AVENUE BRIDGE DEBRIS MITIGATION FEASIBILITY HYDRAULIC ASSESSMENT OF DEBRIS COUNTERMEASURE ALTERNATIVES PRELIMINARY RESULTS**

This memorandum is prepared to provide a summary of the findings of the hydraulic assessment of the debris countermeasure alternatives proposed for the Stockton Avenue Bridge in Capitola, California.

This memorandum includes the following Attachments:

Attachment 1 – HEC-RAS Model Results Tables

Attachment 2 – HEC-RAS Model Cross Section Plots

Introduction

Stockton Avenue Bridge is located in the lower reaches of the Soquel Creek Watershed, which is situated between the cities of Santa Cruz and Watsonville. The Soquel Creek watershed drains an area of approximately 42 square miles. The watershed is comprised of urban development, rural residential development, agriculture, parks and recreation, and mining and timber harvesting.

The University of California Berkeley study "Large Woody Debris in Urban Stream Channels: Redefining the Problem" identified large woody debris (LWD) as an important ecological element in Soquel Creek. LWD is defined as a dead piece of wood that is at least 10 cm in diameter and at least one-meter long. The Soquel Creek watershed includes rural, agricultural and timber harvesting areas, which generate LWD. LWD of this size and larger can remain in the river channels for years and play an important role in shaping channel form and influencing function. However, when LWD accumulates around obstructions in the channel, capacity for conveyance is be reduced, leading to flooding of areas adjacent to the stream. As well, critical infrastructure can be damaged.

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Hydraulic Assessment of Debris Countermeasure Alternatives
June 28, 2024

LWD management has evolved over the years from removal of debris to a long term passing management approach. A LWD passing approach would cause large wooden logs and branches to rotate parallel with the flow of the creek to pass beneath bridges.

The average tree length in the Soquel Creek watershed was identified as being between 15 and 30 feet long. The narrowest clear span of the Stockton Avenue Bridge is 10 feet. This appears to cause buildup of debris that can span the whole creek width, cause damage to the bridge, and cause significant flooding to adjacent areas.

The 2016 Due Diligence memorandum, prepared by Kimley Horn, identified four potential debris control countermeasures: debris sweeper, debris fins, debris deflectors (cage and pier variants) and bridge replacement. The purpose of this report is to analyze each debris diversion countermeasure and potential flood risk along Soquel Creek.



Figure: 1982 Debris Accumulation upstream of Soquel Drive Bridge.

Existing Conditions

The Stockton Avenue Bridge is furthest downstream bridge in the Soquel Creek watershed, which is known to have LWD that has historically caused flooding by damming up bridges, specifically in 1955 and 1982 storm seasons. Bridges upstream from the site, at Soquel Drive and Highway 1, have larger spans than the Stockton Avenue Bridge. The span of the Soquel Drive Bridge, which was replaced in 1890, 1927, 1956 and most recently in 2003 with the added intent to facilitate the passage of LWD, now has a span of 140 feet compared to the Stockton Avenue Bridge center clear span of 80 feet.

This increase in bridge clear span at Soquel Drive Bridge creates a higher potential than historically existed for debris to accumulate upstream of Stockton Avenue Bridge and cause flooding risk to low laying areas. During a March 18th, 2024 site visit, LWD was observed in the eastern bridge span. Sediment accumulated around the LWD reducing the hydraulic capacity of the bridge.

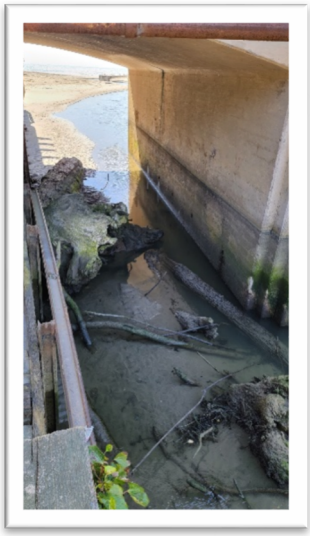


Figure: Debris Accumulation in Eastern Span of Stockton Avenue Bridge

Countermeasure Alternatives

Alternative 1: Debris Diversion Fin

Debris diversion fins are comprised of vertical, free-standing, reinforced concrete walls extending upstream from, but not connected to, the existing bridge piers. The top of the fin wall can be sloping or horizontal. In the proposed alternative, the top of the fin wall is sloping; higher adjacent to the bridge and declining into the fin wall footing at the opposite end. The eastern fin wall is suggested to be installed at an angle to minimize debris catch between the bridge pier and the creek wall; a space that is approximately 8 feet to 9 feet wide at the narrowest.

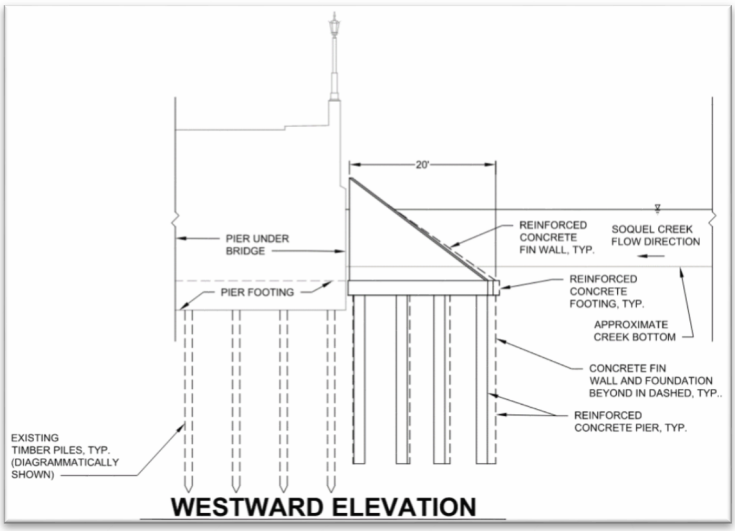


Figure: Debris Diversion Fin

Alternative 2: Debris Diversion Cage

Debris diversion cages are meant to orient large debris to flow under the bridge. The debris diversion cages are comprised of a prefabricated steel triangular cage upstream of a bridge that are designed to orient debris such as trees or logs so that they pass under the bridge longitudinally. The cage may also be located directly in front of a pier. For bridge deflectors to work, the flow direction needs to be fairly stable.

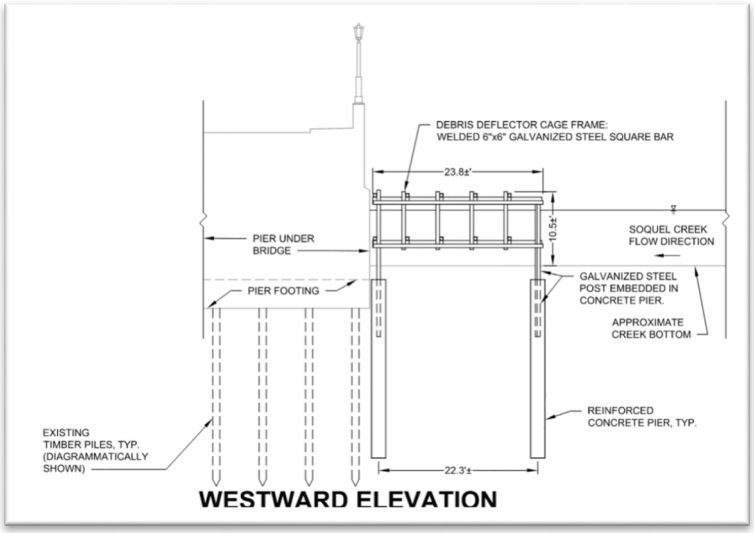


Figure: Debris Diversion Cage

Installation of a debris diversion cages at the Stockton Avenue Bridge would be comprised of cages at each bridge pier, placed on three reinforced concrete piers within the Soquel Creek channel.

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Hydraulic Assessment of Debris Countermeasure Alternatives
June 28, 2024

Alternative 3: Debris Deflector Piers

Debris diversion piers are meant to orient large debris to flow under the bridge. The debris deflectors are comprised of vertical poles upstream of a bridge that are designed to orient debris such as trees or logs so that it passes under the bridge longitudinally. The deflectors may also be located directly in front of a pier. For bridge deflectors to work, the flow direction needs to be fairly stable. The design of this type of system is complicated, and physical model tests may be necessary.

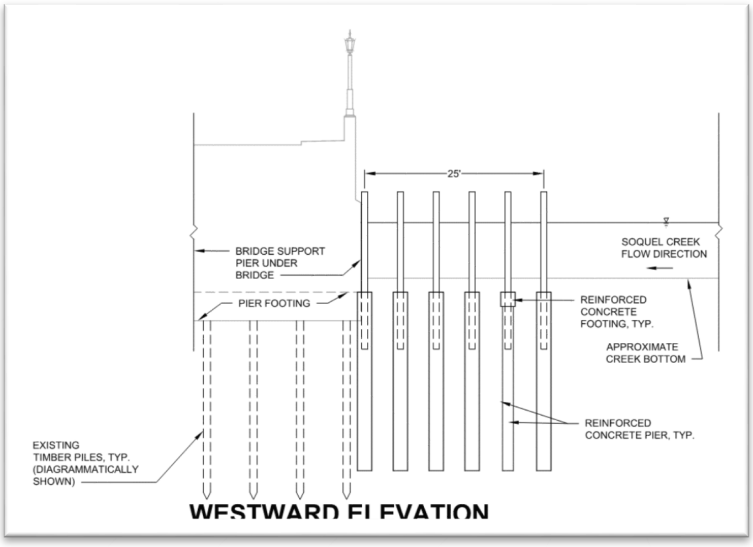


Figure: Debris Diversion Piers

Implementation of a debris diversion piers at the Stockton Avenue Bridge would be comprised of eleven (11) piers at each bridge pier, placed on reinforced concrete piers with in the Soquel Creek channel.

Alternative 4: Debris Sweeper

Debris sweepers are a vaned cylinder located in front of a pier that rotates with the flow and "sweeps" the debris away from the pier and into the flow between bridge piers. Sweepers are usually polyethylene and float up and down so they can move with the water surface.

Implementation at the Stockton Avenue Bridge would include the installation of two manufactured floating debris sweepers adjacent to the existing piers within the channel of Soquel Creek. The sweepers would be installed on reinforced concrete piers, and the sweepers would rise and fall with the water level of the creek.

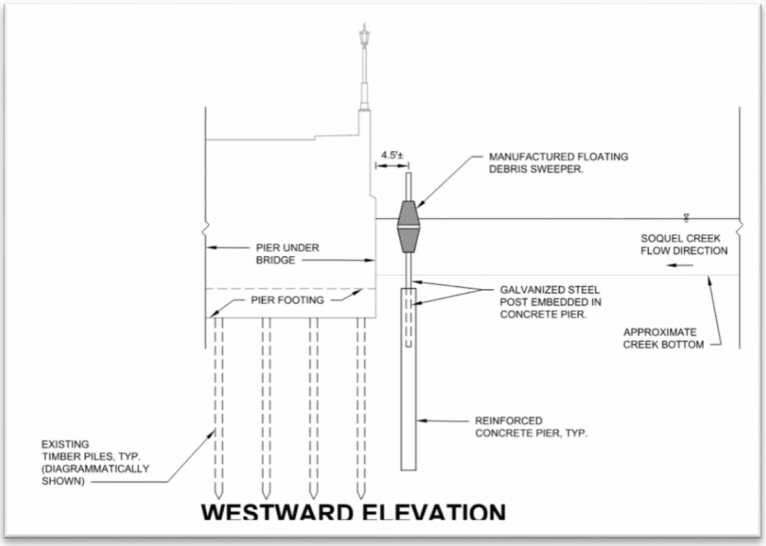


Figure: Debris Sweeper

Alternative 5: Bridge Replacement

Replacement of the Stockton Avenue Bridge would include a 135 foot clear span bridge, with abutments in the same location as the existing bridge and a six (6) foot deck structure. The replacement would widen the bridge by eight (8) feet to 52 feet wide. The widened bridge will accommodate the increased street section.

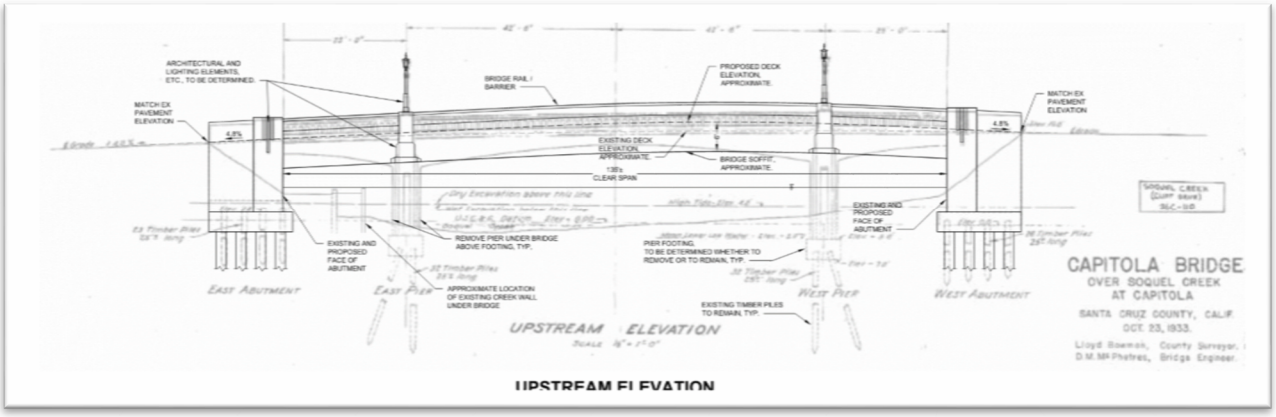


Figure: Preliminary Longitudinal Section of Bridge Replacement

Hydraulic Analysis

Water surface elevations within Soquel Creek at the Stockton Avenue Bridge were calculated using HEC-RAS version 6.5, the Army Corps of Engineer's Hydrologic Engineering Center's River Analysis System computer program. Use of HEC-RAS to model channel hydraulics for the scenarios provided is considered appropriate as the water in the channel, at the elevations modeled, is flowing in one direction, downstream, toward the ocean during the flow event.

Topography

The source for topographic information in the area of the project is the County of Santa Cruz Geographic Information Systems Department.

Bridge

The source for dimensions of the Stockton Avenue Bridge is the As Built Plans Set from Caltrans, Document No. 40008995 for Capitola Bridge, dated October 1933.

Peak Flow

The peak flow used for the 100-year storm event is 17,500 cfs in accordance with the Federal Emergency Management Agency's (FEMA) Flood Insurance Study (FIS) for Santa Cruz County, CA and Incorporated Areas, FIS No. 06087CV001C.

The peak flow for the lower flow event of 1,200 cfs is pulled from the United States Geological Survey's (USGS) website, "USGS Water Data for the Nation" (waterdata.usgs.gov/nwis). USGS provides data retrieved from a flow monitoring location in Soquel Creek. Between January 2024 and March 2024 four storms produced flows of 1000 cfs or more in Soquel Creek. Large woody debris was observed to be caught below the Stockton Avenue Bridge in February 2024 and in March 2024.

Hydrograph for Unsteady Flow Analysis

A simplified hydrograph was developed based upon the flow data for the lower peak flow storm of January 2024. The hydrograph assumes a storm flow duration of 24 hours with peak flow occurring at 9 hours and 15 minutes after the start of the flow event.

Starting Hydraulic Grade Line

In this preliminary analysis, to evaluate the response of hydraulic grade line upstream of the Stockton Avenue Bridge to each of the Countermeasure Alternatives, it is assumed that the tide is low and Soquel Creek flows freely at normal depth conditions toward the Pacific Ocean.

Channel Roughness

United States Geological Survey Water-Supply Paper 2339 "Guide for Selecting Manning's Roughness Coefficients for Natural Channels and Flood Plains" G. Arcement, Jr. & V. Schneider

Main Channel:

Table 1. "Base values of Manning's n"

Sand Channel

n = 0.026

Floodplains:

Utilize a base value of 0.026 and add an adjustment factor from:

Table 2. "Adjustment values for factors that affect the roughness of a channel"

Amount of vegetation – medium – adjustment factor 0.010

n = 0.036

Debris Piers

HEC-RAS includes the ability to identify the width and depth of floating debris caught on bridge piers, which affect the channel cross section geometry. Data is not available for the amount of LWD that could be caught on a structure for any given storm event. Assumptions were made for the amount of floating debris caught on the Stockton Avenue Bridge and the counter measure alternatives. These assumptions are provided below.

Additional Assumptions for Existing Condition and Countermeasure Alternatives

Existing Condition

- Assumes that debris is caught on the bridge piers.
- Debris capture is represented by debris piers in the HEC-RAS model
- Debris piers extend 15 feet on either side of the centerline of the eastern bridge pier.
- Debris piers extend 10 feet on either side of the centerline of the western bridge pier.
- The debris pier floats below the water surface at 6' deep.

Alternative 1: Debris Diversion Fin

- Fins are represented by a blockage in the channel.
- Because the fin is angled toward the creek wall, it is assumed that LWD for the most part, continues to flow past and under the bridge to the ocean. However, it is assumed that some amount of debris will be caught on "v" that the fin forms with the creek wall. The

LWD retained on the angled fin is assumed to block the flow of water from passing under the small eastern span of the bridge.

Goal of analysis: See whether there is a reduction in capacity of the channel and resulting increase in water surface elevation, assuming that the fins are mostly functioning but some debris is caught on them.

Alternative 2: Debris Diversion Cage

- Both cages are represented as the piers of a false bridge inserted upstream of the Stockton Avenue Bridge
- The center of the false bridge is at the midpoint of the triangle made by the cage.
- The diversion cages are represented as piers of the false bridge. It is assumed that some amount of debris will be caught on the cages, rendering the space inside the cage an area of ineffective flow.
- The width of the false bridge is the same as the length of the triangle made by the cage in the stream.
- The piers of the false bridge vary in width from upstream to downstream. Pier widths up and downstream match the width of the cage in the stream.
- The floating pier debris option is turned on to account for some amount of debris caught on the debris diversion cage.
- The width of the debris is assumed to extend 4.75 feet on either side of the nose of the cage.
- The depth of debris is assumed to extend 9.5 feet below the water surface.

Goal of analysis: See the reduction in capacity of the channel and resulting increase in water surface elevation assuming that the diversion cages are mostly functioning but some debris is caught on them.

Alternative 3: Debris Deflector Piers

- Both sets of piers are represented as the piers of a false bridge inserted upstream of the Stockton Avenue Bridge
- The center of the false bridge is at the midpoint of the pier triangle.
- It is assumed that some amount of debris will be caught on the piers, rendering the space inside the pier configuration, behind the debris, an area of ineffective flow.
- The width of the false bridge is the same as the length of the triangle in the stream.
- The piers of the false bridge vary in width from upstream to downstream. Pier widths up and downstream match the width of the debris piers in the stream.
- The floating pier debris option is turned on to account for some amount of debris caught on the piers.

- The width of the debris is assumed to extend 4.75 feet on either side of the pier.
- The depth of debris is assumed to be 4 feet below the water surface.

Goal of analysis: See the whether there is a reduction in capacity of the channel and resulting increase in water surface elevation assuming that the deflector piers are mostly functioning but some debris is caught on them. The amount of debris is less than for the Debris Diversion Cages.

Alternative 4: Debris Sweeper

- Both sweepers are represented as the piers of a false bridge inserted upstream of the Stockton Avenue Bridge
- The center of the false bridge is at the centerline of the sweeper and its supporting pole.
- It is assumed that some amount of debris will be caught on the sweeper.
- The floating pier debris option is turned on to account for some amount of debris caught on the sweeper.
- The width of the debris is assumed to extend 2.75 feet on either side of the sweeper.
- The depth of debris is assumed to be 4 feet below the water surface.

Goal of the analysis: See the whether there is a reduction in capacity of the channel and resulting increase in water surface elevation assuming that the debris sweepers are mostly functioning but some debris is caught on them.

Alternative 5: Bridge Replacement

Goal of the analysis: See the change in capacity of the channel, over existing conditions, with the construction of a clear span bridge and removal of existing bridge and bridge piers in the channel.

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Hydraulic Assessment of Debris Countermeasure Alternatives
June 28, 2024

Results

Table 1: Depth at Upstream Side of Stockton Avenue Bridge

All Alternatives with Debris Capture

Model Station 170.36	Existing Conditions (with debris) (feet)	Alternative 1 Debris Fin (feet)	Alternative 2 Debris Cage (feet)	Alternative 3 Debris Piers (feet)	Alternative 4 Debris Sweeper (feet)
Q_{100} 17,500 cfs	11.29	12.82	11.72	11.72	11.66
$Q_{Jan2024}$ 1,200 cfs	3.96	5.50	4.02	4.02	4.01

Table 2: Depth 50 feet upstream of Stockton Avenue Bridge

All Alternatives with Debris Capture

Model Station 218.85	Existing Conditions (with debris) (feet)	Alternative 1 Debris Fin (feet)	Alternative 2 Debris Cage (feet)	Alternative 3 Debris Piers (feet)	Alternative 4 Debris Sweeper (feet)
Q_{100} 17,500 cfs	15.61	18.11	14.20	13.90	14.17
$Q_{Jan2024}$ 1,200 cfs	4.18	6.53	4.18	4.17	4.18

Table 3: Depth at Upstream Side of Stockton Avenue Bridge

Existing Conditions and Alternative 5 (Clear Span Bridge)

Model Station 170.36	Existing Conditions (feet)	Alternative 5 Clear Span Bridge (feet)
Q_{100} 17,500 cfs	11.71	11.91
$Q_{Jan2024}$ 1,200 cfs	4.02	4.03

Table 4: Depth 50 feet upstream of Stockton Avenue Bridge

Existing Conditions and Alternative 5 (Clear Span Bridge)

Model Station 218.85	Existing Conditions (feet)	Alternative 5 Clear Span Bridge (feet)
Q_{100} 17,500 cfs	13.06	12.20
$Q_{Jan2024}$ 1,200 cfs	4.05	4.02

Conclusions

As seen in Tables 1 and 2, above, with the exception of Alternative 1, the debris fin, water surface elevations on the upstream side of the Stockton Avenue Bridge for Alternatives 2 through 4, are within 6" of the existing condition water surface elevations. The debris diversion fin alternative shows an increase in water surface elevation by 1.5' at the bridge. This increase is due to a partial blockage of the channel by the eastern fin. The blockage is caused by angling the fin toward the creek wall to deflect LWD away from the narrow span underneath the bridge on its east side.

Further upstream, however, water surface elevations associated with debris countermeasure Alternatives 2 through 4 are lower by 1.4 to 1.7 feet than existing conditions for the 100-year event, indicating a relief in backwater conditions due to the change in LWD capture at the bridge. For the lower flow event, there is negligible difference in water surface elevation upstream due to the installation of Alternatives 2 through 4. Backwater effects upstream are exacerbated by the blockage of the channel caused by the eastern fin for both the 100-year and lower flow event.

Tables 3 and 4 provide a comparison of water surface elevations, for the 100-year and lower flow events, between the bridge in Existing Condition, and the Alternative 5 Clear Span Bridge. Both scenarios were modeled assuming no debris accumulation in order to compare channel capacity. At the upstream side of the bridge, the water surface elevation increases by 0.2' for the 100-year event and 0.1' for the lower flow event. While there is a loss of the existing bridge piers in the middle of the channel for the clear span bridge, the clear span bridge has a deeper deck section which becomes submerged on the eastern side during the 100-year event, causing

a constriction in the model. Upstream of the bridge, water surface elevation goes down with Alternative 5. The increased capacity at the channel bottom under the bridge by removal of the existing bridge piers may be alleviating backwater effects upstream in spite of the new, deeper bridge deck being partially submerged during the 100-year event.

It is noted that at the bridge for the existing condition, the 100-year water surface elevation is slightly less (approximately 5") for the model which includes debris. This is due to a velocity difference in the channel under the bridge. The model with the debris included indicates that water velocity under the bridge is higher under the debris condition, 13.7 +/- feet per second vs. 10.9 +/- feet per second for the no-debris condition. But while water surface is elevated by 0.2' at the bridge, further upstream, water surface elevation for the 100-year event is decreased. For the lower flow event, changes in water surface elevation between existing condition and Alternative 5, the clear span bridge, are negligible.

When upstream conditions are compared for the Existing Conditions with Debris (the existing bridge with no diversion measures and capturing debris on the existing bridge piers) and Alternative 5 (clear span bridge), the models show an approximately 2.6 feet decrease in water surface elevation.

Attachment 1

HEC-RAS Model Results Tables

Existing C
Q1200
With Debris

HEC-RAS Plan: ExCondStead1200 River: SoquelCreek Reach: SoquelCreekUP Profile: PF 1

Reach	River Sta	Profile	E.G. Elev	W.S. Elev	Crit W.S.	Frctn Loss	C & E Loss	Top Width	Q Left	Q Channel	Q Right	Vel Chnl
			(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(cfs)	(cfs)	(cfs)	(ft/s)
SoquelCreekUP	203.28	PF 1	4.16	4.07		0.00	0.00	120.81		1200.00		2.44
SoquelCreekUP	195.4	PF 1	4.16	4.07	1.45	0.00	0.01	121.47		1200.00		2.44
SoquelCreekUP	170.36 BR U	PF 1	4.15	4.01	1.63	0.02	0.01	101.95		1200.00		2.93
SoquelCreekUP	170.36 BR D	PF 1	4.11	4.00	1.50	0.00	0.01	115.03		1200.00		2.61
SoquelCreekUP	145.32	PF 1	4.10	4.01		0.00	0.00	126.03		1200.00		2.38
SoquelCreekUP	140.31	PF 1	4.10	4.01		0.00	0.00	124.07		1200.00		2.42

Existing C
Q17500
With Debris

HEC-RAS Plan: ExCondStead1 River: SoquelCreek Reach: SoquelCreekUP Profile: PF 1

Reach	River Sta	Profile	E.G. Elev	W.S. Elev	Crit W.S.	Frctn Loss	C & E Loss	Top Width	Q Left	Q Channel	Q Right	Vel Chnl
			(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(cfs)	(cfs)	(cfs)	(ft/s)
SoquelCreekUP	203.28	PF 1	14.96	13.25		0.01	0.02	149.14		17500.00		10.47
SoquelCreekUP	195.4	PF 1	14.93	13.16	8.71	0.01	0.34	148.55		17500.00		10.67
SoquelCreekUP	170.36 BR U	PF 1	14.58	11.67	9.65	0.20	0.18	115.52		17500.00		13.68
SoquelCreekUP	170.36 BR D	PF 1	14.19	11.64	9.13	0.01	0.26	121.12		17500.00		12.80
SoquelCreekUP	145.32	PF 1	13.93	11.89		0.01	0.00	148.64		17500.00		11.45
SoquelCreekUP	140.31	PF 1	13.92	11.87		0.02	0.09	143.71		17500.00		11.47

Existing C
Q17500
No Debris

HEC-RAS Plan: QS 17500 No Debris River: SoquelCreek Reach: SoquelCreekUP Profile: PF 1

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)	(ft)	
SoquelCreekUP	457.43	PF 1	17500.00	0.00	13.82		15.37	0.001307	10.45	2033.18	289.28	0.51
SoquelCreekUP	447.43	PF 1	17500.00	0.00	13.79		15.36	0.001337	10.50	2018.04	288.34	0.52
SoquelCreekUP	433.47	PF 1	17500.00	0.00	13.81		15.33	0.001355	10.28	2033.95	293.08	0.52
SoquelCreekUP	423.47	PF 1	17500.00	0.00	13.79		15.31	0.001363	10.26	2024.38	290.99	0.52
SoquelCreekUP	413.47	PF 1	17500.00	0.00	13.65		15.29	0.001368	10.69	1996.93	293.06	0.52
SoquelCreekUP	393.46	PF 1	17500.00	0.00	13.72		15.22	0.001374	10.10	2017.60	297.27	0.51
SoquelCreekUP	373.46	PF 1	17500.00	0.00	13.56		15.18	0.001446	10.49	1949.61	302.70	0.53
SoquelCreekUP	353.46	PF 1	17500.00	0.00	13.43		15.14	0.001473	10.74	1890.19	297.99	0.54
SoquelCreekUP	333.46	PF 1	17500.00	0.00	13.41		15.10	0.001469	10.65	1888.57	297.93	0.54
SoquelCreekUP	313.46	PF 1	17500.00	0.00	13.24		15.06	0.001492	10.98	1799.80	294.97	0.55
SoquelCreekUP	293.46	PF 1	17500.00	0.00	13.19		15.03	0.001501	10.95	1737.53	296.86	0.55
SoquelCreekUP	273.46	PF 1	17500.00	0.00	13.17		15.00	0.001486	10.93	1698.64	214.35	0.55
SoquelCreekUP	253.46	PF 1	17500.00	0.00	13.29		14.90	0.001922	10.17	1721.48	194.88	0.60
SoquelCreekUP	245.93	PF 1	17500.00	0.00	13.28		14.88	0.001893	10.13	1727.34	193.41	0.60
SoquelCreekUP	228.95	PF 1	17500.00	0.00	13.20		14.84	0.001874	10.26	1705.25	185.14	0.60
SoquelCreekUP	218.85	PF 1	17500.00	0.00	13.06		14.81	0.001641	10.63	1661.97	171.40	0.57
SoquelCreekUP	211.97	PF 1	17500.00	0.00	13.05		14.80	0.001725	10.60	1651.43	158.21	0.58
SoquelCreekUP	203.28	PF 1	17500.00	0.00	12.97		14.77	0.001666	10.74	1629.34	147.62	0.57
SoquelCreekUP	195.4	PF 1	17500.00	0.00	12.89	8.71	14.74	0.001455	10.91	1603.46	147.53	0.56
SoquelCreekUP	170.36		Bridge									
SoquelCreekUP	145.32	PF 1	17500.00	0.00	11.89		13.93	0.001851	11.45	1528.91	148.64	0.60
SoquelCreekUP	140.31	PF 1	17500.00	0.00	11.87		13.92	0.002036	11.47	1525.11	143.71	0.62
SoquelCreekUP	130.3	PF 1	17500.00	0.00	11.45		13.80	0.002425	12.31	1421.37	137.80	0.68
SoquelCreekUP	120.28	PF 1	17500.00	0.00	10.98		13.67	0.002923	13.16	1331.51	137.93	0.74
SoquelCreekUP	110.27	PF 1	17500.00	0.00	10.88	9.27	13.64	0.003633	13.34	1312.21	156.21	0.81
SoquelCreekUP	103.87	PF 1	17500.00	0.00	9.62	9.62	13.50	0.005676	15.80	1111.51	147.73	1.00
SoquelCreekUP	86.16	PF 1	17500.00	0.00	8.15	8.15	12.16	0.005653	16.06	1090.40	139.30	1.00
SoquelCreekUP	76.02	PF 1	17500.00	0.00	7.37	7.37	11.05	0.005689	15.38	1137.69	154.86	1.00
SoquelCreekUP	65.88	PF 1	17500.00	0.00	6.92	6.92	10.38	0.005723	14.92	1173.01	169.85	1.00
SoquelCreekUP	59.74	PF 1	17500.00	0.00	6.73	6.73	10.09	0.005734	14.70	1190.18	177.25	1.00
SoquelCreekUP	49.6	PF 1	17500.00	0.00	6.97	6.49	9.78	0.004561	13.44	1302.23	187.14	0.90
SoquelCreekUP	38.98	PF 1	17500.00	0.00	7.30		9.57	0.003460	12.08	1448.60	198.82	0.79
SoquelCreekUP	28.98	PF 1	17500.00	0.00	7.44		9.46	0.003134	11.41	1533.92	206.96	0.74
SoquelCreekUP	18.98	PF 1	17500.00	0.00	7.23		9.41	0.003478	11.86	1475.24	211.82	0.79
SoquelCreekUP	10	PF 1	17500.00	0.00	7.16	6.26	9.38	0.003730	11.96	1462.96	219.52	0.82
SoquelCreekUP	0	PF 1	17500.00	0.00	6.41	6.41	9.27	0.005792	13.56	1290.64	226.00	1.00

Alternative
Q17500

HEC-RAS Plan: PCOpt117500 River: SoquelCreek Reach: SoquelCreekUP Profile: PF 1

Reach	River Sta	Profile	E.G. Elev	W.S. Elev	Crit W.S.	Frctn Loss	C & E Loss	Top Width	Q Left	Q Channel	Q Right	Vel Chnl
			(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(cfs)	(cfs)	(cfs)	(ft/s)
SoquelCreekUP	203.28	PF 1	18.71	17.95		0.05	0.31	327.16	335.08	17164.93		7.05
SoquelCreekUP	195.4	PF 1	18.35	16.55	12.58	0.01	0.86	235.59	9.77	17490.23		10.77
SoquelCreekUP	170.36 BR U	PF 1	17.48	12.82	12.82	0.24	1.06	108.41		17500.00		17.32
SoquelCreekUP	170.36 BR D	PF 1	14.19	11.64	9.13	0.01	0.26	121.12		17500.00		12.80
SoquelCreekUP	145.32	PF 1	13.93	11.89		0.01	0.00	148.64		17500.00		11.45
SoquelCreekUP	140.31	PF 1	13.92	11.87		0.02	0.09	143.71		17500.00		11.47

Alternati
Q1200

HEC-RAS Plan: Opt2QS1200 River: SoquelCreek Reach: SoquelCreekUP Profile: PF 1

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)	(ft)	
SoquelCreekUP	457.43	PF 1	1200.00	0.00	4.24		4.35	0.000356	2.68	447.13	105.78	0.23
SoquelCreekUP	447.43	PF 1	1200.00	0.00	4.24		4.35	0.000352	2.67	449.28	106.26	0.23
SoquelCreekUP	433.47	PF 1	1200.00	0.00	4.23		4.34	0.000348	2.65	452.30	107.07	0.23
SoquelCreekUP	423.47	PF 1	1200.00	0.00	4.23		4.34	0.000345	2.64	454.47	107.65	0.23
SoquelCreekUP	413.47	PF 1	1200.00	0.00	4.23		4.34	0.000341	2.63	456.63	108.23	0.23
SoquelCreekUP	393.46	PF 1	1200.00	0.00	4.22		4.33	0.000335	2.60	460.98	109.40	0.22
SoquelCreekUP	373.46	PF 1	1200.00	0.00	4.22		4.32	0.000329	2.58	465.31	110.56	0.22
SoquelCreekUP	353.46	PF 1	1200.00	0.00	4.21		4.31	0.000323	2.56	469.61	111.73	0.22
SoquelCreekUP	333.46	PF 1	1200.00	0.00	4.21		4.31	0.000318	2.53	473.94	112.89	0.22
SoquelCreekUP	313.46	PF 1	1200.00	0.00	4.20		4.30	0.000312	2.51	478.26	114.06	0.22
SoquelCreekUP	293.46	PF 1	1200.00	0.00	4.20		4.29	0.000307	2.49	482.59	115.23	0.21
SoquelCreekUP	273.46	PF 1	1200.00	0.00	4.19		4.29	0.000302	2.46	486.90	116.39	0.21
SoquelCreekUP	253.46	PF 1	1200.00	0.00	4.19		4.28	0.000296	2.44	491.19	117.55	0.21
SoquelCreekUP	245.93	PF 1	1200.00	0.00	4.19		4.28	0.000295	2.43	492.85	117.99	0.21
SoquelCreekUP	228.95	PF 1	1200.00	0.00	4.18		4.27	0.000290	2.42	496.48	118.98	0.21
SoquelCreekUP	218.85	PF 1	1200.00	0.00	4.18		4.27	0.000288	2.41	498.60	119.55	0.21
SoquelCreekUP	216	PF 1	1200.00	0.00	4.18	1.46	4.27	0.000286	2.40	500.05	119.95	0.21
SoquelCreekUP	204.45		Bridge									
SoquelCreekUP	193.2	PF 1	1200.00	0.00	4.08		4.17	0.000291	2.43	492.98	121.47	0.21
SoquelCreekUP	193.1	PF 1	1200.00	0.00	4.06		4.16	0.000294	2.44	491.10	121.47	0.21
SoquelCreekUP	193	PF 1	1200.00	0.00	4.05	1.45	4.14	0.000298	2.45	489.17	121.47	0.22
SoquelCreekUP	170.36		Bridge									
SoquelCreekUP	145.32	PF 1	1200.00	0.00	4.01		4.10	0.000294	2.38	505.04	126.03	0.21
SoquelCreekUP	140.31	PF 1	1200.00	0.00	4.01		4.10	0.000305	2.42	496.53	124.07	0.21
SoquelCreekUP	130.3	PF 1	1200.00	0.00	4.00		4.09	0.000324	2.48	483.37	121.08	0.22
SoquelCreekUP	120.28	PF 1	1200.00	0.00	3.99		4.09	0.000344	2.55	470.22	118.09	0.23
SoquelCreekUP	110.27	PF 1	1200.00	0.00	3.98		4.08	0.000366	2.62	457.24	115.10	0.23
SoquelCreekUP	103.87	PF 1	1200.00	0.00	3.97		4.08	0.000387	2.69	445.35	112.37	0.24
SoquelCreekUP	86.16	PF 1	1200.00	0.00	3.99		4.07	0.000266	2.26	531.51	133.52	0.20
SoquelCreekUP	76.02	PF 1	1200.00	0.00	4.00		4.06	0.000196	1.95	616.19	154.32	0.17
SoquelCreekUP	65.88	PF 1	1200.00	0.00	4.00		4.05	0.000161	1.77	677.47	169.42	0.16
SoquelCreekUP	59.74	PF 1	1200.00	0.00	4.00		4.05	0.000147	1.70	707.58	176.85	0.15
SoquelCreekUP	49.6	PF 1	1200.00	0.00	4.01		4.05	0.000131	1.61	747.58	186.74	0.14
SoquelCreekUP	38.98	PF 1	1200.00	0.00	4.01		4.04	0.000116	1.51	794.27	198.32	0.13
SoquelCreekUP	28.98	PF 1	1200.00	0.00	4.01		4.04	0.000107	1.46	824.57	206.33	0.13
SoquelCreekUP	18.98	PF 1	1200.00	0.00	4.01		4.04	0.000117	1.49	804.02	206.12	0.13
SoquelCreekUP	10	PF 1	1200.00	0.00	4.00		4.04	0.000123	1.52	791.15	206.16	0.14
SoquelCreekUP	0	PF 1	1200.00	0.00	4.00	1.32	4.04	0.000138	1.57	766.39	209.47	0.14

HEC-RAS Plan: Opt2QS17500 River: SoquelCreek Reach: SoquelCreekUP Profile: PF 1

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)	(ft)	
SoquelCreekUP	457.43	PF 1	17500.00	0.00	14.85		16.05	0.000950	9.31	2336.19	297.43	0.44
SoquelCreekUP	447.43	PF 1	17500.00	0.00	14.83		16.04	0.000967	9.34	2323.40	296.52	0.44
SoquelCreekUP	433.47	PF 1	17500.00	0.00	14.85		16.01	0.000974	9.13	2343.73	301.52	0.44
SoquelCreekUP	423.47	PF 1	17500.00	0.00	14.84		16.00	0.000985	9.12	2333.31	300.12	0.44
SoquelCreekUP	413.47	PF 1	17500.00	0.00	14.76		15.99	0.000978	9.45	2324.77	301.99	0.44
SoquelCreekUP	393.46	PF 1	17500.00	0.00	14.80		15.94	0.000971	8.95	2341.85	304.84	0.44
SoquelCreekUP	373.46	PF 1	17500.00	0.00	14.71		15.92	0.001003	9.20	2304.51	313.17	0.45
SoquelCreekUP	353.46	PF 1	17500.00	0.00	14.62		15.89	0.001013	9.40	2252.35	308.12	0.45
SoquelCreekUP	333.46	PF 1	17500.00	0.00	14.62		15.86	0.001008	9.30	2253.42	308.92	0.45
SoquelCreekUP	313.46	PF 1	17500.00	0.00	14.49		15.83	0.001006	9.61	2175.55	306.77	0.46
SoquelCreekUP	293.46	PF 1	17500.00	0.00	14.43		15.81	0.001022	9.63	2112.24	308.75	0.46
SoquelCreekUP	273.46	PF 1	17500.00	0.00	14.33		15.78	0.001063	9.81	2025.39	309.02	0.47
SoquelCreekUP	253.46	PF 1	17500.00	0.00	14.46		15.69	0.001364	8.90	2014.82	305.21	0.51
SoquelCreekUP	245.93	PF 1	17500.00	0.00	14.45		15.68	0.001338	8.88	2015.14	301.75	0.51
SoquelCreekUP	228.95	PF 1	17500.00	0.00	14.39		15.65	0.001360	9.02	1967.84	298.82	0.51
SoquelCreekUP	218.85	PF 1	17500.00	0.00	14.20		15.62	0.001192	9.58	1876.80	227.45	0.49
SoquelCreekUP	216	PF 1	17500.00	0.00	14.21	8.78	15.60	0.001349	9.47	1855.09	210.80	0.51
SoquelCreekUP	204.45		Bridge									
SoquelCreekUP	193.2	PF 1	17500.00	0.00	13.11		14.89	0.001367	10.71	1633.96	148.35	0.54
SoquelCreekUP	193.1	PF 1	17500.00	0.00	13.00		14.81	0.001411	10.81	1618.60	147.94	0.55
SoquelCreekUP	193	PF 1	17500.00	0.00	12.88	8.71	14.73	0.001457	10.92	1602.85	147.52	0.56
SoquelCreekUP	170.36		Bridge									
SoquelCreekUP	145.32	PF 1	17500.00	0.00	11.89		13.93	0.001851	11.45	1528.91	148.64	0.60
SoquelCreekUP	140.31	PF 1	17500.00	0.00	11.87		13.92	0.002036	11.47	1525.11	143.71	0.62
SoquelCreekUP	130.3	PF 1	17500.00	0.00	11.45		13.80	0.002425	12.31	1421.37	137.80	0.68
SoquelCreekUP	120.28	PF 1	17500.00	0.00	10.98		13.67	0.002923	13.16	1331.51	137.93	0.74
SoquelCreekUP	110.27	PF 1	17500.00	0.00	10.88	9.27	13.64	0.003633	13.34	1312.21	156.21	0.81
SoquelCreekUP	103.87	PF 1	17500.00	0.00	9.62	9.62	13.50	0.005676	15.80	1111.51	147.73	1.00
SoquelCreekUP	86.16	PF 1	17500.00	0.00	8.15	8.15	12.16	0.005653	16.06	1090.40	139.30	1.00
SoquelCreekUP	76.02	PF 1	17500.00	0.00	7.37	7.37	11.05	0.005689	15.38	1137.69	154.86	1.00
SoquelCreekUP	65.88	PF 1	17500.00	0.00	6.92	6.92	10.38	0.005723	14.92	1173.01	169.85	1.00
SoquelCreekUP	59.74	PF 1	17500.00	0.00	6.73	6.73	10.09	0.005734	14.70	1190.18	177.25	1.00
SoquelCreekUP	49.6	PF 1	17500.00	0.00	6.97	6.49	9.78	0.004561	13.44	1302.23	187.14	0.90
SoquelCreekUP	38.98	PF 1	17500.00	0.00	7.30		9.57	0.003460	12.08	1448.60	198.82	0.79
SoquelCreekUP	28.98	PF 1	17500.00	0.00	7.44		9.46	0.003134	11.41	1533.92	206.96	0.74
SoquelCreekUP	18.98	PF 1	17500.00	0.00	7.23		9.41	0.003478	11.86	1475.24	211.82	0.79
SoquelCreekUP	10	PF 1	17500.00	0.00	7.16	6.26	9.38	0.003730	11.96	1462.96	219.52	0.82
SoquelCreekUP	0	PF 1	17500.00	0.00	6.41	6.41	9.27	0.005792	13.56	1290.64	226.00	1.00

Alternati
Q1200

HEC-RAS Plan: Opt3QS1200 River: SoquelCreek Reach: SoquelCreekUP Profile: PF 1

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)	(ft)	
SoquelCreekUP	457.43	PF 1	1200.00	0.00	4.23		4.34	0.000359	2.69	445.98	105.77	0.23
SoquelCreekUP	447.43	PF 1	1200.00	0.00	4.23		4.34	0.000355	2.68	448.13	106.26	0.23
SoquelCreekUP	433.47	PF 1	1200.00	0.00	4.22		4.33	0.000351	2.66	451.14	107.07	0.23
SoquelCreekUP	423.47	PF 1	1200.00	0.00	4.22		4.33	0.000348	2.65	453.29	107.65	0.23
SoquelCreekUP	413.47	PF 1	1200.00	0.00	4.22		4.32	0.000344	2.63	455.45	108.23	0.23
SoquelCreekUP	393.46	PF 1	1200.00	0.00	4.21		4.32	0.000338	2.61	459.78	109.39	0.22
SoquelCreekUP	373.46	PF 1	1200.00	0.00	4.21		4.31	0.000332	2.59	464.08	110.56	0.22
SoquelCreekUP	353.46	PF 1	1200.00	0.00	4.20		4.30	0.000326	2.56	468.37	111.72	0.22
SoquelCreekUP	333.46	PF 1	1200.00	0.00	4.20		4.30	0.000320	2.54	472.68	112.89	0.22
SoquelCreekUP	313.46	PF 1	1200.00	0.00	4.19		4.29	0.000315	2.52	476.98	114.05	0.22
SoquelCreekUP	293.46	PF 1	1200.00	0.00	4.19		4.28	0.000309	2.49	481.29	115.23	0.22
SoquelCreekUP	273.46	PF 1	1200.00	0.00	4.18		4.28	0.000304	2.47	485.58	116.38	0.21
SoquelCreekUP	253.46	PF 1	1200.00	0.00	4.18		4.27	0.000299	2.45	489.86	117.55	0.21
SoquelCreekUP	245.93	PF 1	1200.00	0.00	4.17		4.27	0.000297	2.44	491.51	117.99	0.21
SoquelCreekUP	228.95	PF 1	1200.00	0.00	4.17		4.26	0.000293	2.42	495.12	118.98	0.21
SoquelCreekUP	218.85	PF 1	1200.00	0.00	4.17	1.46	4.26	0.000291	2.41	497.23	119.55	0.21
SoquelCreekUP	205.45		Bridge									
SoquelCreekUP	193.2	PF 1	1200.00	0.00	4.08		4.17	0.000291	2.43	492.98	121.47	0.21
SoquelCreekUP	193.1	PF 1	1200.00	0.00	4.06		4.16	0.000294	2.44	491.10	121.47	0.21
SoquelCreekUP	193	PF 1	1200.00	0.00	4.05	1.45	4.14	0.000298	2.45	489.17	121.47	0.22
SoquelCreekUP	170.36		Bridge									
SoquelCreekUP	145.32	PF 1	1200.00	0.00	4.01		4.10	0.000294	2.38	505.04	126.03	0.21
SoquelCreekUP	140.31	PF 1	1200.00	0.00	4.01		4.10	0.000305	2.42	496.53	124.07	0.21
SoquelCreekUP	130.3	PF 1	1200.00	0.00	4.00		4.09	0.000324	2.48	483.37	121.08	0.22
SoquelCreekUP	120.28	PF 1	1200.00	0.00	3.99		4.09	0.000344	2.55	470.22	118.09	0.23
SoquelCreekUP	110.27	PF 1	1200.00	0.00	3.98		4.08	0.000366	2.62	457.24	115.10	0.23
SoquelCreekUP	103.87	PF 1	1200.00	0.00	3.97		4.08	0.000387	2.69	445.35	112.37	0.24
SoquelCreekUP	86.16	PF 1	1200.00	0.00	3.99		4.07	0.000266	2.26	531.51	133.52	0.20
SoquelCreekUP	76.02	PF 1	1200.00	0.00	4.00		4.06	0.000196	1.95	616.19	154.32	0.17
SoquelCreekUP	65.88	PF 1	1200.00	0.00	4.00		4.05	0.000161	1.77	677.47	169.42	0.16
SoquelCreekUP	59.74	PF 1	1200.00	0.00	4.00		4.05	0.000147	1.70	707.58	176.85	0.15
SoquelCreekUP	49.6	PF 1	1200.00	0.00	4.01		4.05	0.000131	1.61	747.58	186.74	0.14
SoquelCreekUP	38.98	PF 1	1200.00	0.00	4.01		4.04	0.000116	1.51	794.27	198.32	0.13
SoquelCreekUP	28.98	PF 1	1200.00	0.00	4.01		4.04	0.000107	1.46	824.57	206.33	0.13
SoquelCreekUP	18.98	PF 1	1200.00	0.00	4.01		4.04	0.000117	1.49	804.02	206.12	0.13
SoquelCreekUP	10	PF 1	1200.00	0.00	4.00		4.04	0.000123	1.52	791.15	206.16	0.14
SoquelCreekUP	0	PF 1	1200.00	0.00	4.00	1.32	4.04	0.000138	1.57	766.39	209.47	0.14

HEC-RAS Plan: Opt3QS17500 River: SoquelCreek Reach: SoquelCreekUP Profile: PF 1

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)	(ft)	
SoquelCreekUP	457.43	PF 1	17500.00	0.00	14.58		15.87	0.001029	9.59	2257.76	295.35	0.46
SoquelCreekUP	447.43	PF 1	17500.00	0.00	14.57		15.86	0.001048	9.62	2244.73	294.44	0.46
SoquelCreekUP	433.47	PF 1	17500.00	0.00	14.58		15.83	0.001057	9.41	2263.94	299.38	0.46
SoquelCreekUP	423.47	PF 1	17500.00	0.00	14.57		15.82	0.001068	9.39	2253.59	297.72	0.46
SoquelCreekUP	413.47	PF 1	17500.00	0.00	14.48		15.80	0.001062	9.74	2241.30	299.66	0.46
SoquelCreekUP	393.46	PF 1	17500.00	0.00	14.53		15.75	0.001058	9.22	2259.18	302.91	0.45
SoquelCreekUP	373.46	PF 1	17500.00	0.00	14.43		15.72	0.001096	9.50	2215.17	310.58	0.47
SoquelCreekUP	353.46	PF 1	17500.00	0.00	14.33		15.69	0.001108	9.71	2161.81	305.54	0.47
SoquelCreekUP	333.46	PF 1	17500.00	0.00	14.32		15.66	0.001104	9.61	2162.26	306.20	0.47
SoquelCreekUP	313.46	PF 1	17500.00	0.00	14.18		15.63	0.001106	9.93	2081.84	304.14	0.48
SoquelCreekUP	293.46	PF 1	17500.00	0.00	14.13		15.61	0.001122	9.94	2018.54	306.06	0.48
SoquelCreekUP	273.46	PF 1	17500.00	0.00	14.02		15.57	0.001167	10.13	1929.74	306.18	0.49
SoquelCreekUP	253.46	PF 1	17500.00	0.00	14.16		15.48	0.001518	9.22	1922.52	301.62	0.54
SoquelCreekUP	245.93	PF 1	17500.00	0.00	14.15		15.46	0.001492	9.19	1923.76	298.84	0.53
SoquelCreekUP	228.95	PF 1	17500.00	0.00	14.08		15.43	0.001511	9.33	1881.73	253.06	0.54
SoquelCreekUP	218.85	PF 1	17500.00	0.00	13.90	8.78	15.40	0.001292	9.84	1813.46	191.79	0.51
SoquelCreekUP	205.45		Bridge									
SoquelCreekUP	193.2	PF 1	17500.00	0.00	13.11		14.89	0.001367	10.71	1633.96	148.35	0.54
SoquelCreekUP	193.1	PF 1	17500.00	0.00	13.00		14.81	0.001411	10.81	1618.60	147.94	0.55
SoquelCreekUP	193	PF 1	17500.00	0.00	12.88	8.71	14.73	0.001457	10.92	1602.85	147.52	0.56
SoquelCreekUP	170.36		Bridge									
SoquelCreekUP	145.32	PF 1	17500.00	0.00	11.89		13.93	0.001851	11.45	1528.91	148.64	0.60
SoquelCreekUP	140.31	PF 1	17500.00	0.00	11.87		13.92	0.002036	11.47	1525.11	143.71	0.62
SoquelCreekUP	130.3	PF 1	17500.00	0.00	11.45		13.80	0.002425	12.31	1421.37	137.80	0.68
SoquelCreekUP	120.28	PF 1	17500.00	0.00	10.98		13.67	0.002923	13.16	1331.51	137.93	0.74
SoquelCreekUP	110.27	PF 1	17500.00	0.00	10.88	9.27	13.64	0.003633	13.34	1312.21	156.21	0.81
SoquelCreekUP	103.87	PF 1	17500.00	0.00	9.62	9.62	13.50	0.005676	15.80	1111.51	147.73	1.00
SoquelCreekUP	86.16	PF 1	17500.00	0.00	8.15	8.15	12.16	0.005653	16.06	1090.40	139.30	1.00
SoquelCreekUP	76.02	PF 1	17500.00	0.00	7.37	7.37	11.05	0.005689	15.38	1137.69	154.86	1.00
SoquelCreekUP	65.88	PF 1	17500.00	0.00	6.92	6.92	10.38	0.005723	14.92	1173.01	169.85	1.00
SoquelCreekUP	59.74	PF 1	17500.00	0.00	6.73	6.73	10.09	0.005734	14.70	1190.18	177.25	1.00
SoquelCreekUP	49.6	PF 1	17500.00	0.00	6.97	6.49	9.78	0.004561	13.44	1302.23	187.14	0.90
SoquelCreekUP	38.98	PF 1	17500.00	0.00	7.30		9.57	0.003460	12.08	1448.60	198.82	0.79
SoquelCreekUP	28.98	PF 1	17500.00	0.00	7.44		9.46	0.003134	11.41	1533.92	206.96	0.74
SoquelCreekUP	18.98	PF 1	17500.00	0.00	7.23		9.41	0.003478	11.86	1475.24	211.82	0.79
SoquelCreekUP	10	PF 1	17500.00	0.00	7.16	6.26	9.38	0.003730	11.96	1462.96	219.52	0.82
SoquelCreekUP	0	PF 1	17500.00	0.00	6.41	6.41	9.27	0.005792	13.56	1290.64	226.00	1.00

Alternati
Q1200

HEC-RAS Plan: Opt4QS1200 River: SoquelCreek Reach: SoquelCreekUP Profile: PF 1

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)	(ft)	
SoquelCreekUP	457.43	PF 1	1200.00	0.00	4.24		4.35	0.000357	2.69	446.84	105.78	0.23
SoquelCreekUP	447.43	PF 1	1200.00	0.00	4.23		4.35	0.000353	2.67	448.99	106.26	0.23
SoquelCreekUP	433.47	PF 1	1200.00	0.00	4.23		4.34	0.000349	2.65	452.00	107.07	0.23
SoquelCreekUP	423.47	PF 1	1200.00	0.00	4.23		4.34	0.000345	2.64	454.17	107.65	0.23
SoquelCreekUP	413.47	PF 1	1200.00	0.00	4.23		4.33	0.000342	2.63	456.33	108.23	0.23
SoquelCreekUP	393.46	PF 1	1200.00	0.00	4.22		4.33	0.000336	2.60	460.67	109.39	0.22
SoquelCreekUP	373.46	PF 1	1200.00	0.00	4.21		4.32	0.000330	2.58	464.99	110.56	0.22
SoquelCreekUP	353.46	PF 1	1200.00	0.00	4.21		4.31	0.000324	2.56	469.29	111.73	0.22
SoquelCreekUP	333.46	PF 1	1200.00	0.00	4.20		4.30	0.000318	2.53	473.62	112.89	0.22
SoquelCreekUP	313.46	PF 1	1200.00	0.00	4.20		4.30	0.000313	2.51	477.93	114.06	0.22
SoquelCreekUP	293.46	PF 1	1200.00	0.00	4.19		4.29	0.000307	2.49	482.25	115.23	0.21
SoquelCreekUP	273.46	PF 1	1200.00	0.00	4.19		4.28	0.000302	2.47	486.56	116.39	0.21
SoquelCreekUP	253.46	PF 1	1200.00	0.00	4.18		4.28	0.000297	2.44	490.85	117.55	0.21
SoquelCreekUP	245.93	PF 1	1200.00	0.00	4.18		4.27	0.000295	2.44	492.50	117.99	0.21
SoquelCreekUP	228.95	PF 1	1200.00	0.00	4.18		4.27	0.000291	2.42	496.13	118.98	0.21
SoquelCreekUP	218.85	PF 1	1200.00	0.00	4.18		4.27	0.000289	2.41	498.25	119.55	0.21
SoquelCreekUP	216	PF 1	1200.00	0.00	4.17		4.26	0.000289	2.41	498.01	119.55	0.21
SoquelCreekUP	211.97	PF 1	1200.00	0.00	4.17		4.26	0.000287	2.40	499.45	119.95	0.21
SoquelCreekUP	206	PF 1	1200.00	0.00	4.17		4.26	0.000284	2.39	502.91	120.83	0.21
SoquelCreekUP	203.28	PF 1	1200.00	0.00	4.17		4.26	0.000284	2.39	502.62	120.83	0.21
SoquelCreekUP	199	PF 1	1200.00	0.00	4.17	1.45	4.25	0.000271	2.38	503.49	121.48	0.21
SoquelCreekUP	196.94		Bridge									
SoquelCreekUP	193.2	PF 1	1200.00	0.00	4.10		4.19	0.000286	2.42	495.52	121.47	0.21
SoquelCreekUP	193.1	PF 1	1200.00	0.00	4.08		4.18	0.000289	2.43	493.68	121.47	0.21
SoquelCreekUP	193	PF 1	1200.00	0.00	4.07	1.45	4.16	0.000293	2.44	491.76	121.47	0.21
SoquelCreekUP	170.36		Bridge									
SoquelCreekUP	145.32	PF 1	1200.00	0.00	4.01		4.10	0.000294	2.38	505.04	126.03	0.21
SoquelCreekUP	140.31	PF 1	1200.00	0.00	4.01		4.10	0.000305	2.42	496.53	124.07	0.21
SoquelCreekUP	130.3	PF 1	1200.00	0.00	4.00		4.09	0.000324	2.48	483.37	121.08	0.22
SoquelCreekUP	120.28	PF 1	1200.00	0.00	3.99		4.09	0.000344	2.55	470.22	118.09	0.23
SoquelCreekUP	110.27	PF 1	1200.00	0.00	3.98		4.08	0.000366	2.62	457.24	115.10	0.23
SoquelCreekUP	103.87	PF 1	1200.00	0.00	3.97		4.08	0.000387	2.69	445.35	112.37	0.24
SoquelCreekUP	86.16	PF 1	1200.00	0.00	3.99		4.07	0.000266	2.26	531.51	133.52	0.20
SoquelCreekUP	76.02	PF 1	1200.00	0.00	4.00		4.06	0.000196	1.95	616.19	154.32	0.17
SoquelCreekUP	65.88	PF 1	1200.00	0.00	4.00		4.05	0.000161	1.77	677.47	169.42	0.16
SoquelCreekUP	59.74	PF 1	1200.00	0.00	4.00		4.05	0.000147	1.70	707.58	176.85	0.15
SoquelCreekUP	49.6	PF 1	1200.00	0.00	4.01		4.05	0.000131	1.61	747.58	186.74	0.14
SoquelCreekUP	38.98	PF 1	1200.00	0.00	4.01		4.04	0.000116	1.51	794.27	198.32	0.13
SoquelCreekUP	28.98	PF 1	1200.00	0.00	4.01		4.04	0.000107	1.46	824.57	206.33	0.13
SoquelCreekUP	18.98	PF 1	1200.00	0.00	4.01		4.04	0.000117	1.49	804.02	206.12	0.13
SoquelCreekUP	10	PF 1	1200.00	0.00	4.00		4.04	0.000123	1.52	791.15	206.16	0.14
SoquelCreekUP	0	PF 1	1200.00	0.00	4.00	1.32	4.04	0.000138	1.57	766.39	209.47	0.14

HEC-RAS Plan: Opt4QS17500 River: SoquelCreek Reach: SoquelCreekUP Profile: PF 1

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)	(ft)	
SoquelCreekUP	457.43	PF 1	17500.00	0.00	14.82		16.03	0.000957	9.34	2328.16	297.23	0.44
SoquelCreekUP	447.43	PF 1	17500.00	0.00	14.80		16.02	0.000975	9.37	2315.35	296.31	0.45
SoquelCreekUP	433.47	PF 1	17500.00	0.00	14.82		15.99	0.000982	9.16	2335.57	301.30	0.45
SoquelCreekUP	423.47	PF 1	17500.00	0.00	14.81		15.99	0.000993	9.15	2325.16	299.87	0.45
SoquelCreekUP	413.47	PF 1	17500.00	0.00	14.73		15.97	0.000986	9.47	2316.26	301.75	0.44
SoquelCreekUP	393.46	PF 1	17500.00	0.00	14.77		15.92	0.000979	8.98	2333.41	304.64	0.44
SoquelCreekUP	373.46	PF 1	17500.00	0.00	14.68		15.89	0.001012	9.23	2295.41	312.91	0.45
SoquelCreekUP	353.46	PF 1	17500.00	0.00	14.59		15.87	0.001022	9.43	2243.15	307.86	0.45
SoquelCreekUP	333.46	PF 1	17500.00	0.00	14.59		15.84	0.001017	9.34	2244.16	308.64	0.45
SoquelCreekUP	313.46	PF 1	17500.00	0.00	14.46		15.81	0.001016	9.64	2166.05	306.51	0.46
SoquelCreekUP	293.46	PF 1	17500.00	0.00	14.40		15.79	0.001032	9.66	2102.58	308.47	0.46
SoquelCreekUP	273.46	PF 1	17500.00	0.00	14.30		15.76	0.001073	9.84	2015.51	308.73	0.47
SoquelCreekUP	253.46	PF 1	17500.00	0.00	14.43		15.67	0.001379	8.93	2005.27	304.83	0.52
SoquelCreekUP	245.93	PF 1	17500.00	0.00	14.42		15.65	0.001353	8.91	2005.69	301.45	0.51
SoquelCreekUP	228.95	PF 1	17500.00	0.00	14.35		15.63	0.001375	9.06	1958.40	298.51	0.52
SoquelCreekUP	218.85	PF 1	17500.00	0.00	14.17		15.60	0.001203	9.61	1869.82	225.95	0.49
SoquelCreekUP	216	PF 1	17500.00	0.00	14.16		15.59	0.001206	9.62	1867.36	225.42	0.49
SoquelCreekUP	211.97	PF 1	17500.00	0.00	14.17		15.57	0.001366	9.50	1846.33	209.10	0.52
SoquelCreekUP	206	PF 1	17500.00	0.00	14.06		15.54	0.001281	9.76	1792.39	175.32	0.50
SoquelCreekUP	203.28	PF 1	17500.00	0.00	14.04		15.53	0.001285	9.77	1790.35	174.81	0.51
SoquelCreekUP	199	PF 1	17500.00	0.00	13.93	8.71	15.49	0.001099	10.03	1744.56	151.65	0.49
SoquelCreekUP	196.94		Bridge									
SoquelCreekUP	193.2	PF 1	17500.00	0.00	13.36		15.07	0.001278	10.50	1667.22	149.36	0.53
SoquelCreekUP	193.1	PF 1	17500.00	0.00	13.26		15.00	0.001314	10.58	1653.42	148.95	0.53
SoquelCreekUP	193	PF 1	17500.00	0.00	13.14	8.71	14.92	0.001355	10.68	1638.31	148.49	0.54
SoquelCreekUP	170.36		Bridge									
SoquelCreekUP	145.32	PF 1	17500.00	0.00	11.89		13.93	0.001851	11.45	1528.91	148.64	0.60
SoquelCreekUP	140.31	PF 1	17500.00	0.00	11.87		13.92	0.002036	11.47	1525.11	143.71	0.62
SoquelCreekUP	130.3	PF 1	17500.00	0.00	11.45		13.80	0.002425	12.31	1421.37	137.80	0.68
SoquelCreekUP	120.28	PF 1	17500.00	0.00	10.98		13.67	0.002923	13.16	1331.51	137.93	0.74
SoquelCreekUP	110.27	PF 1	17500.00	0.00	10.88	9.27	13.64	0.003633	13.34	1312.21	156.21	0.81
SoquelCreekUP	103.87	PF 1	17500.00	0.00	9.62	9.62	13.50	0.005676	15.80	1111.51	147.73	1.00
SoquelCreekUP	86.16	PF 1	17500.00	0.00	8.15	8.15	12.16	0.005653	16.06	1090.40	139.30	1.00
SoquelCreekUP	76.02	PF 1	17500.00	0.00	7.37	7.37	11.05	0.005689	15.38	1137.69	154.86	1.00
SoquelCreekUP	65.88	PF 1	17500.00	0.00	6.92	6.92	10.38	0.005723	14.92	1173.01	169.85	1.00
SoquelCreekUP	59.74	PF 1	17500.00	0.00	6.73	6.73	10.09	0.005734	14.70	1190.18	177.25	1.00
SoquelCreekUP	49.6	PF 1	17500.00	0.00	6.97	6.49	9.78	0.004561	13.44	1302.23	187.14	0.90
SoquelCreekUP	38.98	PF 1	17500.00	0.00	7.30		9.57	0.003460	12.08	1448.60	198.82	0.79
SoquelCreekUP	28.98	PF 1	17500.00	0.00	7.44		9.46	0.003134	11.41	1533.92	206.96	0.74

Alternative 4
Q17500

HEC-RAS Plan: Opt4QS17500 River: SoquelCreek Reach: SoquelCreekUP Profile: PF 1 (Continued)

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)	(ft)	
SoquelCreekUP	18.98	PF 1	17500.00	0.00	7.23		9.41	0.003478	11.86	1475.24	211.82	0.79
SoquelCreekUP	10	PF 1	17500.00	0.00	7.16	6.26	9.38	0.003730	11.96	1462.96	219.52	0.82
SoquelCreekUP	0	PF 1	17500.00	0.00	6.41	6.41	9.27	0.005792	13.56	1290.64	226.00	1.00

Alternati
Q1200

HEC-RAS Plan: Opt5QS1200 River: SoquelCreek Reach: SoquelCreekUP Profile: PF 1

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)	(ft)	
SoquelCreekUP	457.43	PF 1	1200.00	0.00	4.10		4.22	0.000397	2.78	432.30	105.69	0.24
SoquelCreekUP	447.43	PF 1	1200.00	0.00	4.10		4.22	0.000393	2.76	434.34	106.24	0.24
SoquelCreekUP	433.47	PF 1	1200.00	0.00	4.09		4.21	0.000388	2.74	437.19	107.04	0.24
SoquelCreekUP	423.47	PF 1	1200.00	0.00	4.09		4.21	0.000385	2.73	439.23	107.63	0.24
SoquelCreekUP	413.47	PF 1	1200.00	0.00	4.09		4.20	0.000381	2.72	441.27	108.21	0.24
SoquelCreekUP	393.46	PF 1	1200.00	0.00	4.08		4.19	0.000375	2.69	445.38	109.37	0.24
SoquelCreekUP	373.46	PF 1	1200.00	0.00	4.07		4.18	0.000368	2.67	449.45	110.53	0.23
SoquelCreekUP	353.46	PF 1	1200.00	0.00	4.07		4.18	0.000362	2.65	453.51	111.70	0.23
SoquelCreekUP	333.46	PF 1	1200.00	0.00	4.06		4.17	0.000356	2.62	457.59	112.86	0.23
SoquelCreekUP	313.46	PF 1	1200.00	0.00	4.06		4.16	0.000350	2.60	461.66	114.03	0.23
SoquelCreekUP	293.46	PF 1	1200.00	0.00	4.05		4.15	0.000344	2.58	465.74	115.20	0.23
SoquelCreekUP	273.46	PF 1	1200.00	0.00	4.04		4.15	0.000339	2.55	469.80	116.36	0.22
SoquelCreekUP	253.46	PF 1	1200.00	0.00	4.04		4.14	0.000333	2.53	473.84	117.53	0.22
SoquelCreekUP	245.93	PF 1	1200.00	0.00	4.04		4.14	0.000331	2.52	475.40	117.97	0.22
SoquelCreekUP	228.95	PF 1	1200.00	0.00	4.03		4.13	0.000327	2.51	478.81	118.96	0.22
SoquelCreekUP	218.85	PF 1	1200.00	0.00	4.03		4.13	0.000324	2.50	480.82	119.53	0.22
SoquelCreekUP	211.97	PF 1	1200.00	0.00	4.03		4.12	0.000322	2.49	482.18	119.92	0.22
SoquelCreekUP	203.28	PF 1	1200.00	0.00	4.03		4.12	0.000318	2.47	485.48	120.80	0.22
SoquelCreekUP	195.4	PF 1	1200.00	0.00	4.02	1.45	4.12	0.000304	2.47	486.29	121.46	0.22
SoquelCreekUP	170.36		Bridge									
SoquelCreekUP	145.32	PF 1	1200.00	0.00	4.01		4.10	0.000294	2.38	505.04	126.03	0.21
SoquelCreekUP	140.31	PF 1	1200.00	0.00	4.01		4.10	0.000305	2.42	496.53	124.07	0.21
SoquelCreekUP	130.3	PF 1	1200.00	0.00	4.00		4.09	0.000324	2.48	483.37	121.08	0.22
SoquelCreekUP	120.28	PF 1	1200.00	0.00	3.99		4.09	0.000344	2.55	470.22	118.09	0.23
SoquelCreekUP	110.27	PF 1	1200.00	0.00	3.98		4.08	0.000366	2.62	457.24	115.10	0.23
SoquelCreekUP	103.87	PF 1	1200.00	0.00	3.97		4.08	0.000387	2.69	445.35	112.37	0.24
SoquelCreekUP	86.16	PF 1	1200.00	0.00	3.99		4.07	0.000266	2.26	531.51	133.52	0.20
SoquelCreekUP	76.02	PF 1	1200.00	0.00	4.00		4.06	0.000196	1.95	616.19	154.32	0.17
SoquelCreekUP	65.88	PF 1	1200.00	0.00	4.00		4.05	0.000161	1.77	677.47	169.42	0.16
SoquelCreekUP	59.74	PF 1	1200.00	0.00	4.00		4.05	0.000147	1.70	707.58	176.85	0.15
SoquelCreekUP	49.6	PF 1	1200.00	0.00	4.01		4.05	0.000131	1.61	747.58	186.74	0.14
SoquelCreekUP	38.98	PF 1	1200.00	0.00	4.01		4.04	0.000116	1.51	794.27	198.32	0.13
SoquelCreekUP	28.98	PF 1	1200.00	0.00	4.01		4.04	0.000107	1.46	824.57	206.33	0.13
SoquelCreekUP	18.98	PF 1	1200.00	0.00	4.01		4.04	0.000117	1.49	804.02	206.12	0.13
SoquelCreekUP	10	PF 1	1200.00	0.00	4.00		4.04	0.000123	1.52	791.15	206.16	0.14
SoquelCreekUP	0	PF 1	1200.00	0.00	4.00	1.32	4.04	0.000138	1.57	766.39	209.47	0.14

Alternative 5
Q17500

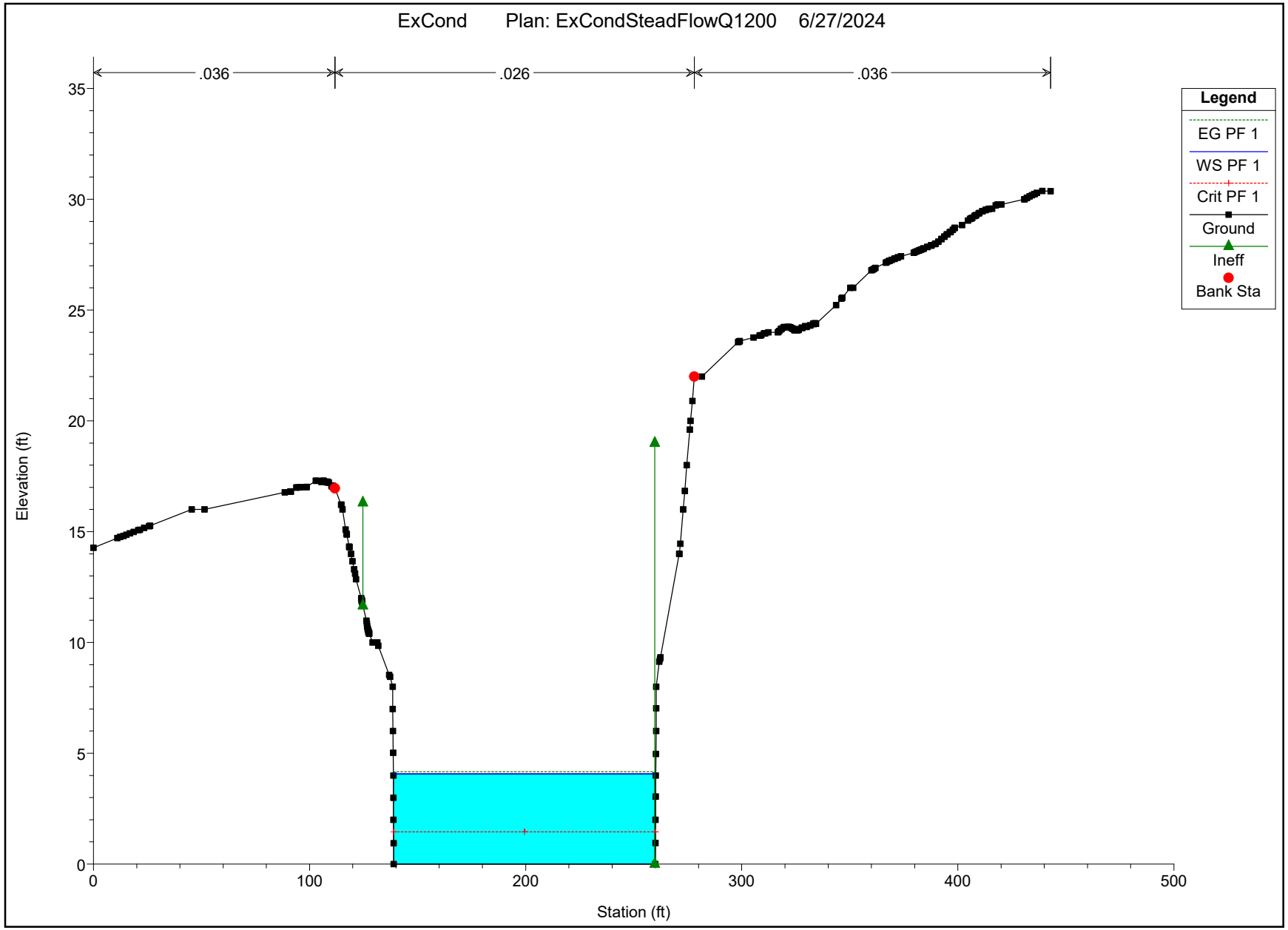
HEC-RAS Plan: Opt5QS17500 River: SoquelCreek Reach: SoquelCreekUP Profile: PF 1

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)	(ft)	
SoquelCreekUP	457.43	PF 1	17500.00	0.00	13.13		15.00	0.001634	11.32	1836.27	283.91	0.57
SoquelCreekUP	447.43	PF 1	17500.00	0.00	13.09		14.98	0.001679	11.39	1817.73	282.83	0.58
SoquelCreekUP	433.47	PF 1	17500.00	0.00	13.11		14.94	0.001713	11.17	1830.46	287.45	0.58
SoquelCreekUP	423.47	PF 1	17500.00	0.00	13.09		14.92	0.001725	11.15	1821.71	285.66	0.58
SoquelCreekUP	413.47	PF 1	17500.00	0.00	12.87		14.89	0.001762	11.71	1769.96	287.16	0.58
SoquelCreekUP	393.46	PF 1	17500.00	0.00	12.97		14.79	0.001780	11.05	1794.74	292.15	0.58
SoquelCreekUP	373.46	PF 1	17500.00	0.00	12.70		14.73	0.001920	11.59	1694.13	294.87	0.60
SoquelCreekUP	353.46	PF 1	17500.00	0.00	12.52	9.23	14.68	0.001986	11.92	1622.94	290.55	0.62
SoquelCreekUP	333.46	PF 1	17500.00	0.00	12.50	9.15	14.63	0.001981	11.82	1619.37	289.58	0.62
SoquelCreekUP	313.46	PF 1	17500.00	0.00	12.33	9.10	14.58	0.001999	12.09	1536.21	254.15	0.62
SoquelCreekUP	293.46	PF 1	17500.00	0.00	12.34		14.52	0.001936	11.86	1532.54	200.49	0.62
SoquelCreekUP	273.46	PF 1	17500.00	0.00	12.31		14.47	0.001912	11.82	1532.60	184.58	0.61
SoquelCreekUP	253.46	PF 1	17500.00	0.00	12.41		14.37	0.002435	11.24	1556.87	179.15	0.67
SoquelCreekUP	245.93	PF 1	17500.00	0.00	12.40		14.34	0.002365	11.19	1563.72	177.11	0.66
SoquelCreekUP	228.95	PF 1	17500.00	0.00	12.32		14.31	0.002315	11.29	1549.77	169.75	0.66
SoquelCreekUP	218.85	PF 1	17500.00	0.00	12.20		14.27	0.002117	11.54	1520.05	161.74	0.64
SoquelCreekUP	211.97	PF 1	17500.00	0.00	12.20		14.26	0.002138	11.52	1519.73	150.45	0.64
SoquelCreekUP	203.28	PF 1	17500.00	0.00	12.14		14.23	0.002074	11.61	1507.90	143.18	0.63
SoquelCreekUP	195.4	PF 1	17500.00	0.00	12.08	8.71	14.21	0.001841	11.71	1494.36	143.82	0.62
SoquelCreekUP	170.36		Bridge									
SoquelCreekUP	145.32	PF 1	17500.00	0.00	11.89		13.93	0.001851	11.45	1528.91	148.64	0.60
SoquelCreekUP	140.31	PF 1	17500.00	0.00	11.87		13.92	0.002036	11.47	1525.11	143.71	0.62
SoquelCreekUP	130.3	PF 1	17500.00	0.00	11.45		13.80	0.002425	12.31	1421.37	137.80	0.68
SoquelCreekUP	120.28	PF 1	17500.00	0.00	10.98		13.67	0.002923	13.16	1331.51	137.93	0.74
SoquelCreekUP	110.27	PF 1	17500.00	0.00	10.88	9.27	13.64	0.003633	13.34	1312.21	156.21	0.81
SoquelCreekUP	103.87	PF 1	17500.00	0.00	9.62	9.62	13.50	0.005676	15.80	1111.51	147.73	1.00
SoquelCreekUP	86.16	PF 1	17500.00	0.00	8.15	8.15	12.16	0.005653	16.06	1090.40	139.30	1.00
SoquelCreekUP	76.02	PF 1	17500.00	0.00	7.37	7.37	11.05	0.005689	15.38	1137.69	154.86	1.00
SoquelCreekUP	65.88	PF 1	17500.00	0.00	6.92	6.92	10.38	0.005723	14.92	1173.01	169.85	1.00
SoquelCreekUP	59.74	PF 1	17500.00	0.00	6.73	6.73	10.09	0.005734	14.70	1190.18	177.25	1.00
SoquelCreekUP	49.6	PF 1	17500.00	0.00	6.97	6.49	9.78	0.004561	13.44	1302.23	187.14	0.90
SoquelCreekUP	38.98	PF 1	17500.00	0.00	7.30		9.57	0.003460	12.08	1448.60	198.82	0.79
SoquelCreekUP	28.98	PF 1	17500.00	0.00	7.44		9.46	0.003134	11.41	1533.92	206.96	0.74
SoquelCreekUP	18.98	PF 1	17500.00	0.00	7.23		9.41	0.003478	11.86	1475.24	211.82	0.79
SoquelCreekUP	10	PF 1	17500.00	0.00	7.16	6.26	9.38	0.003730	11.96	1462.96	219.52	0.82
SoquelCreekUP	0	PF 1	17500.00	0.00	6.41	6.41	9.27	0.005792	13.56	1290.64	226.00	1.00

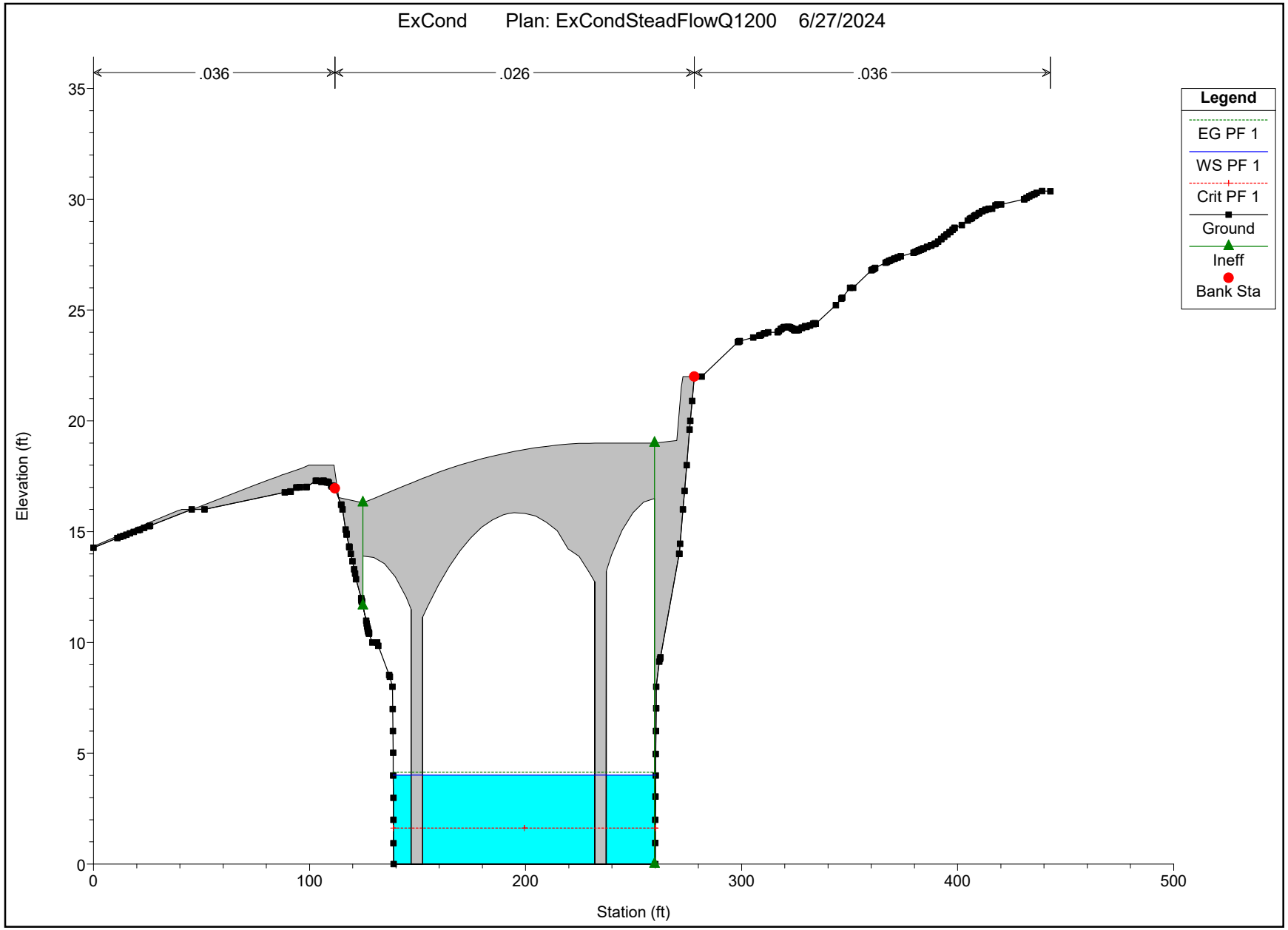
Attachment 2

HEC-RAS Model Cross Section Plots

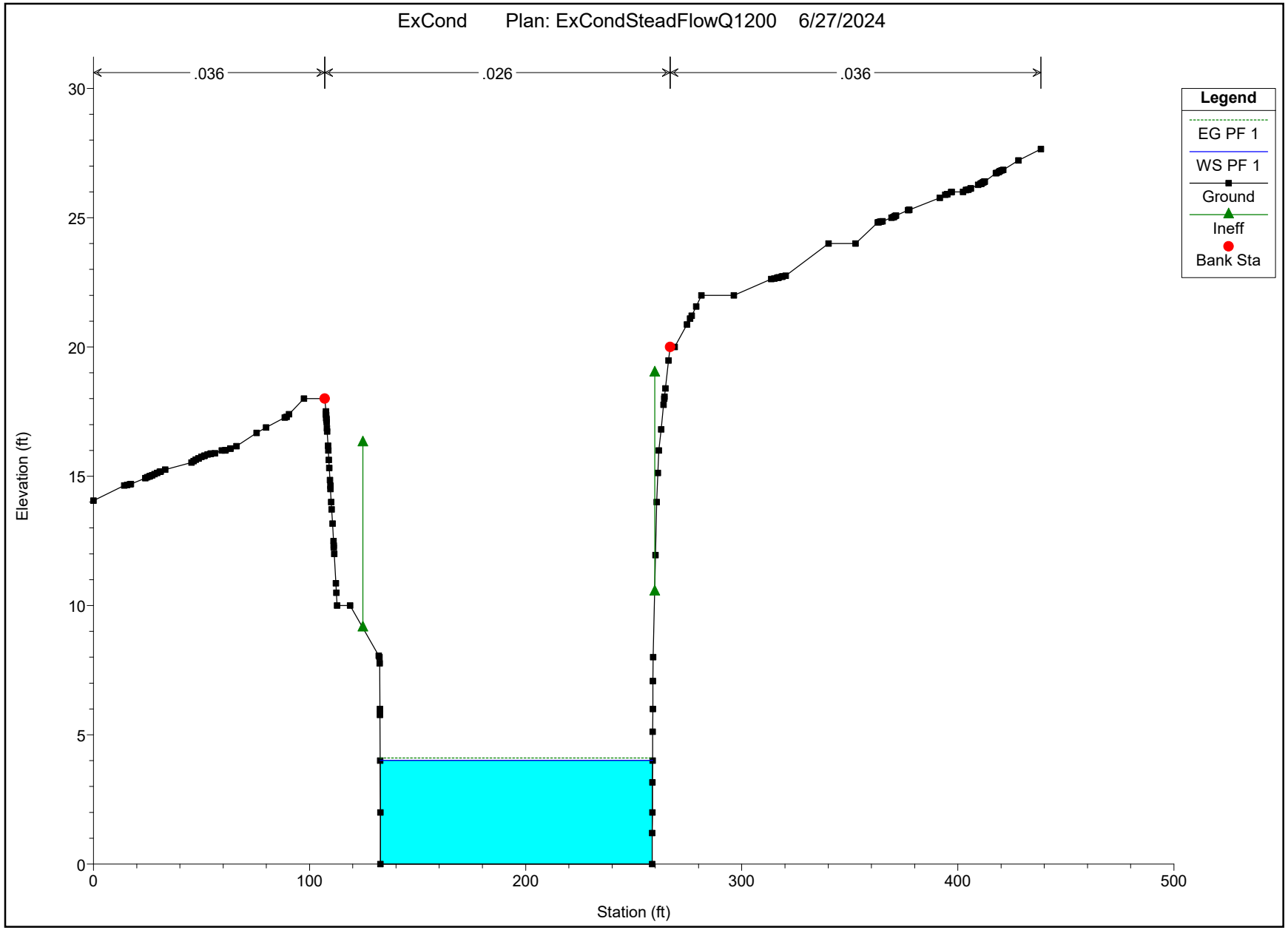
Existing Conditions Q1200



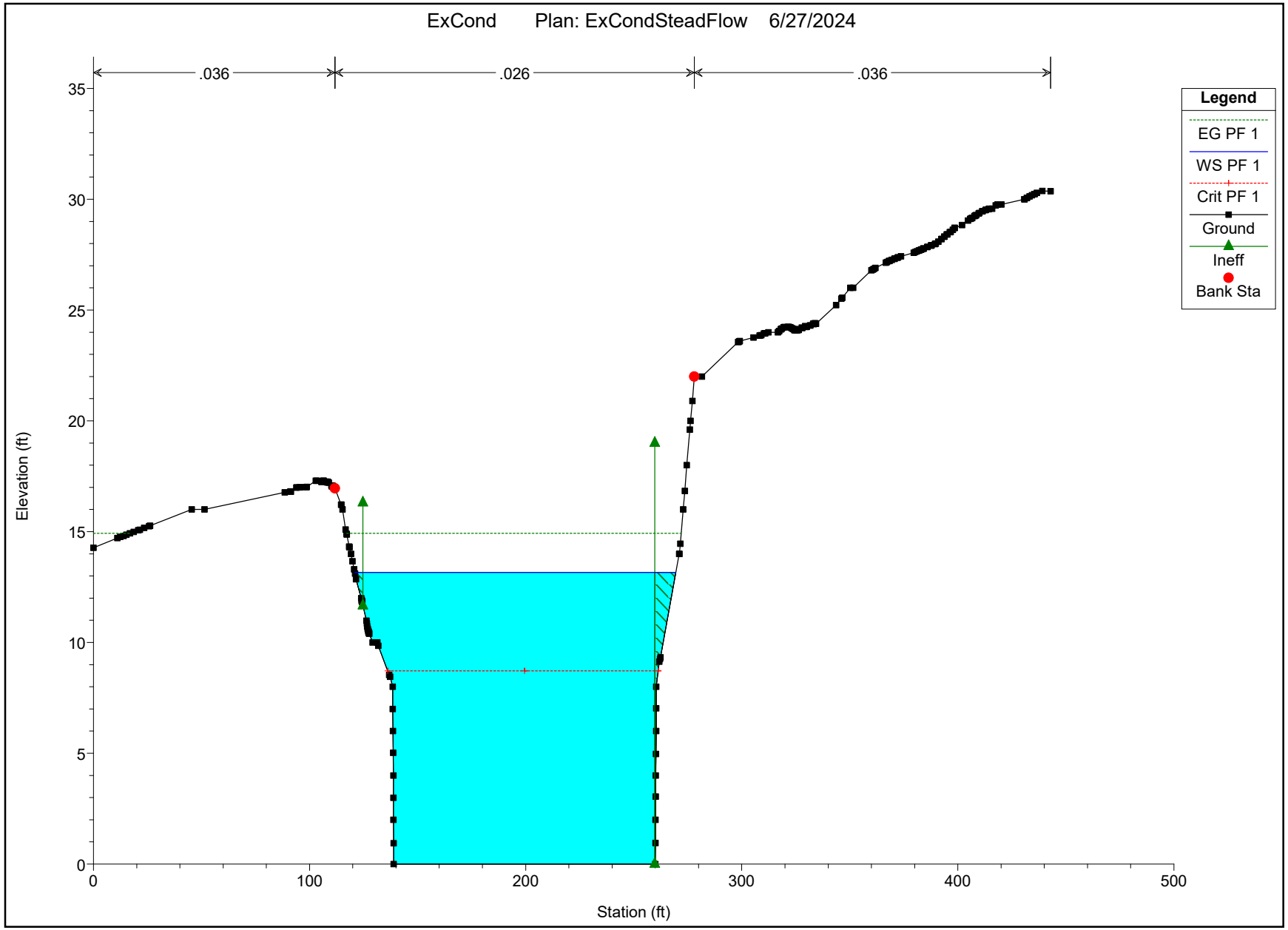
Existing Conditions Q1200



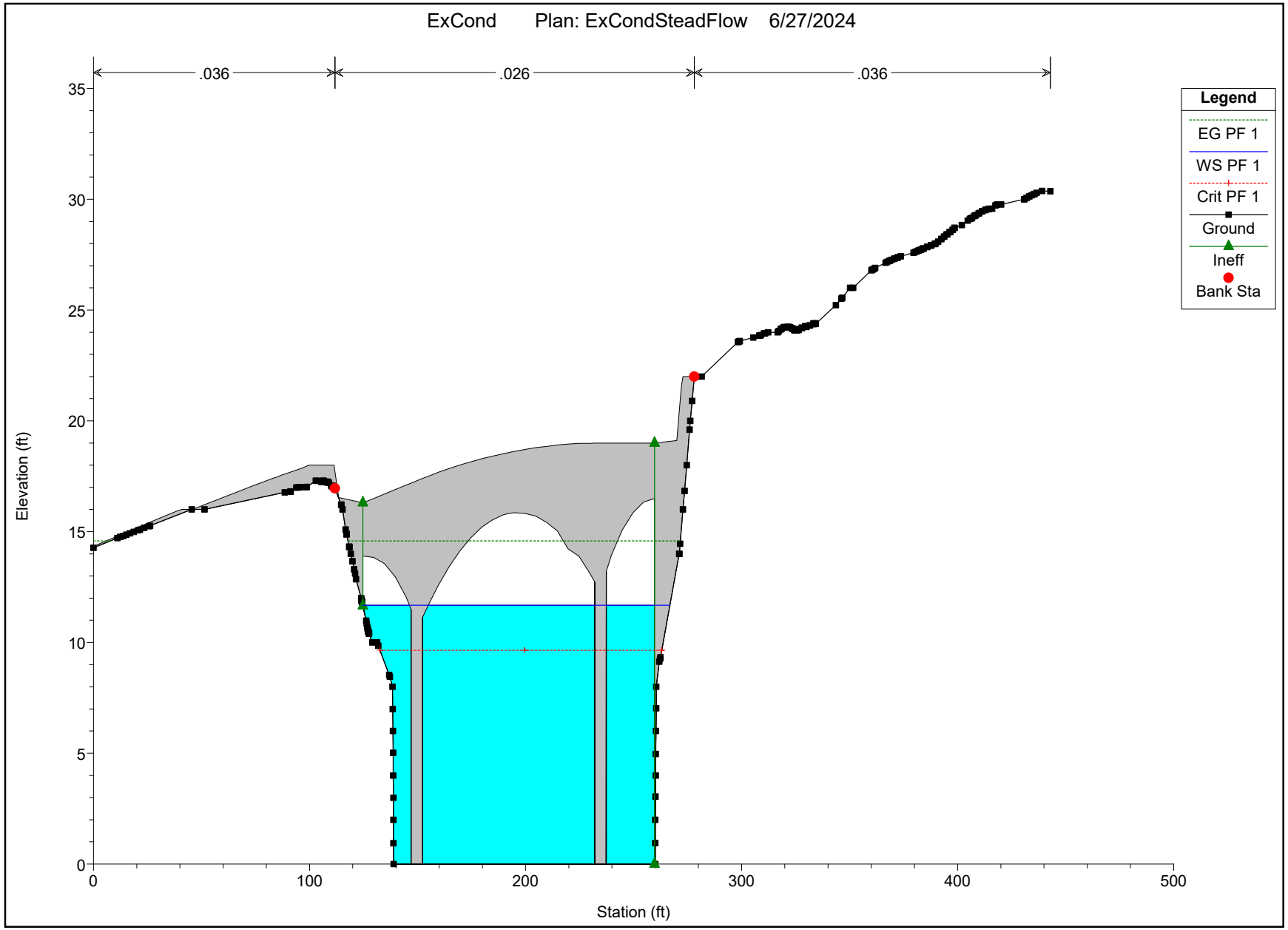
Existing Conditions Q1200



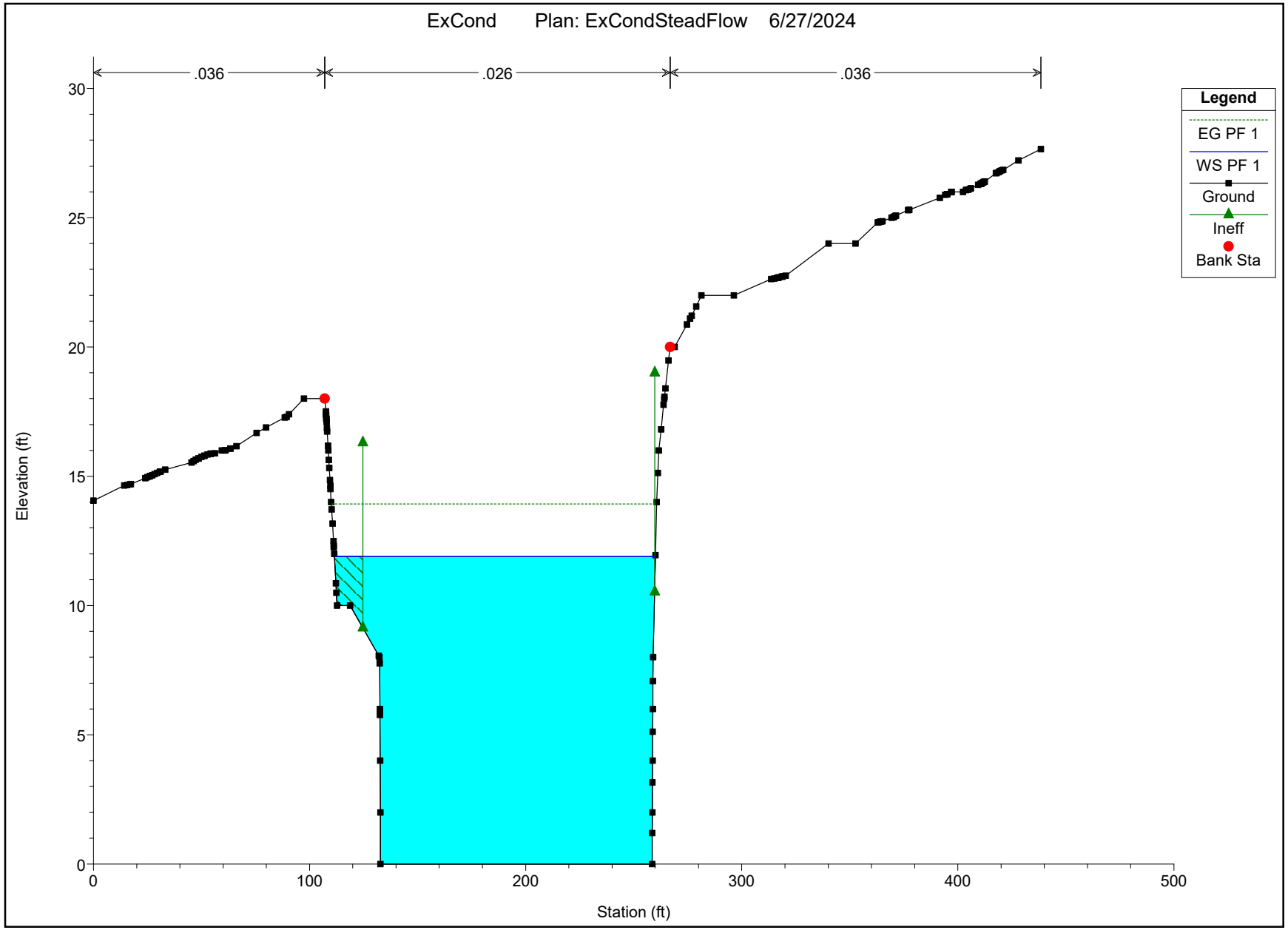
Existing Conditions Q17500



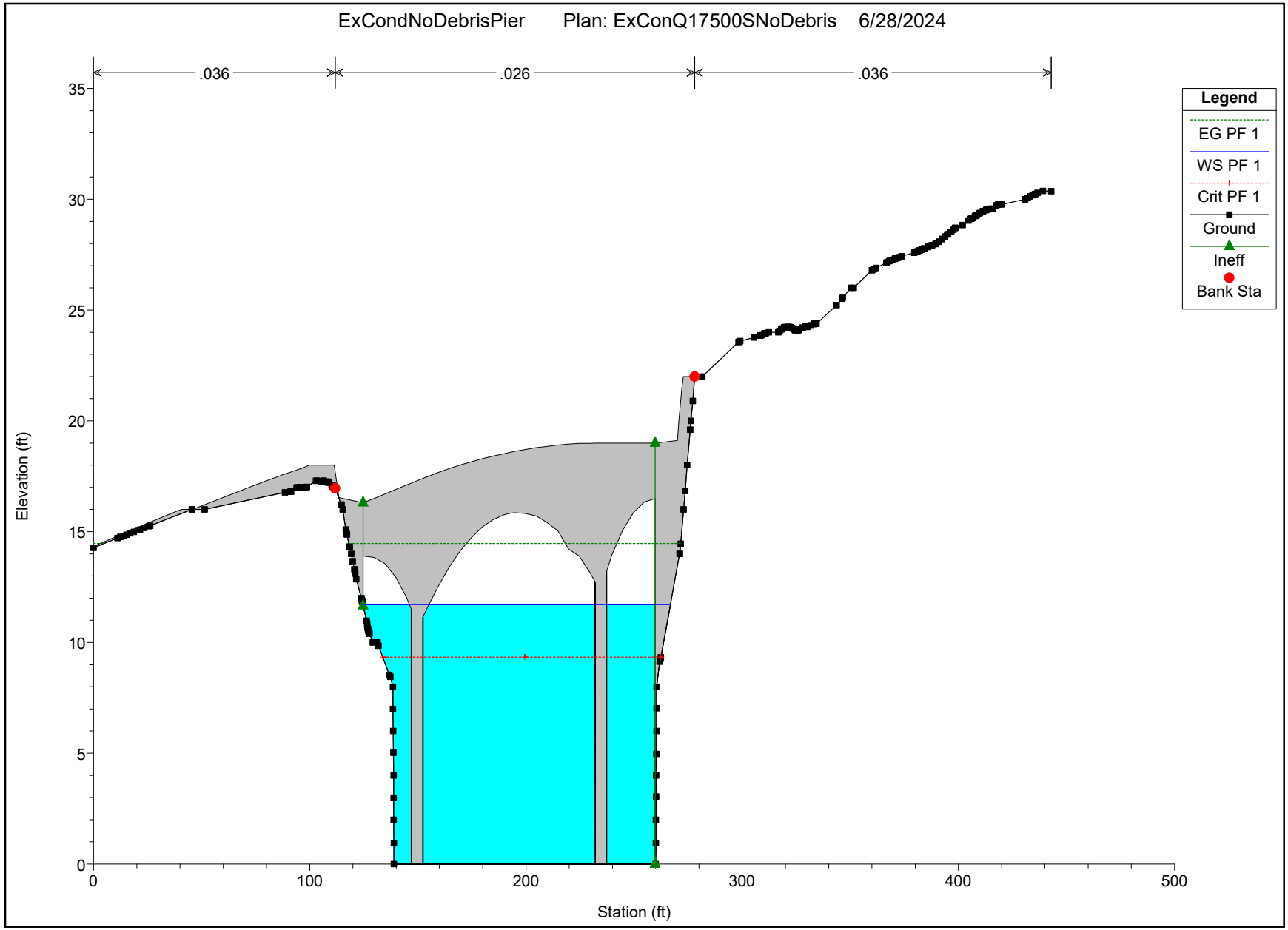
Existing Conditions Q17500



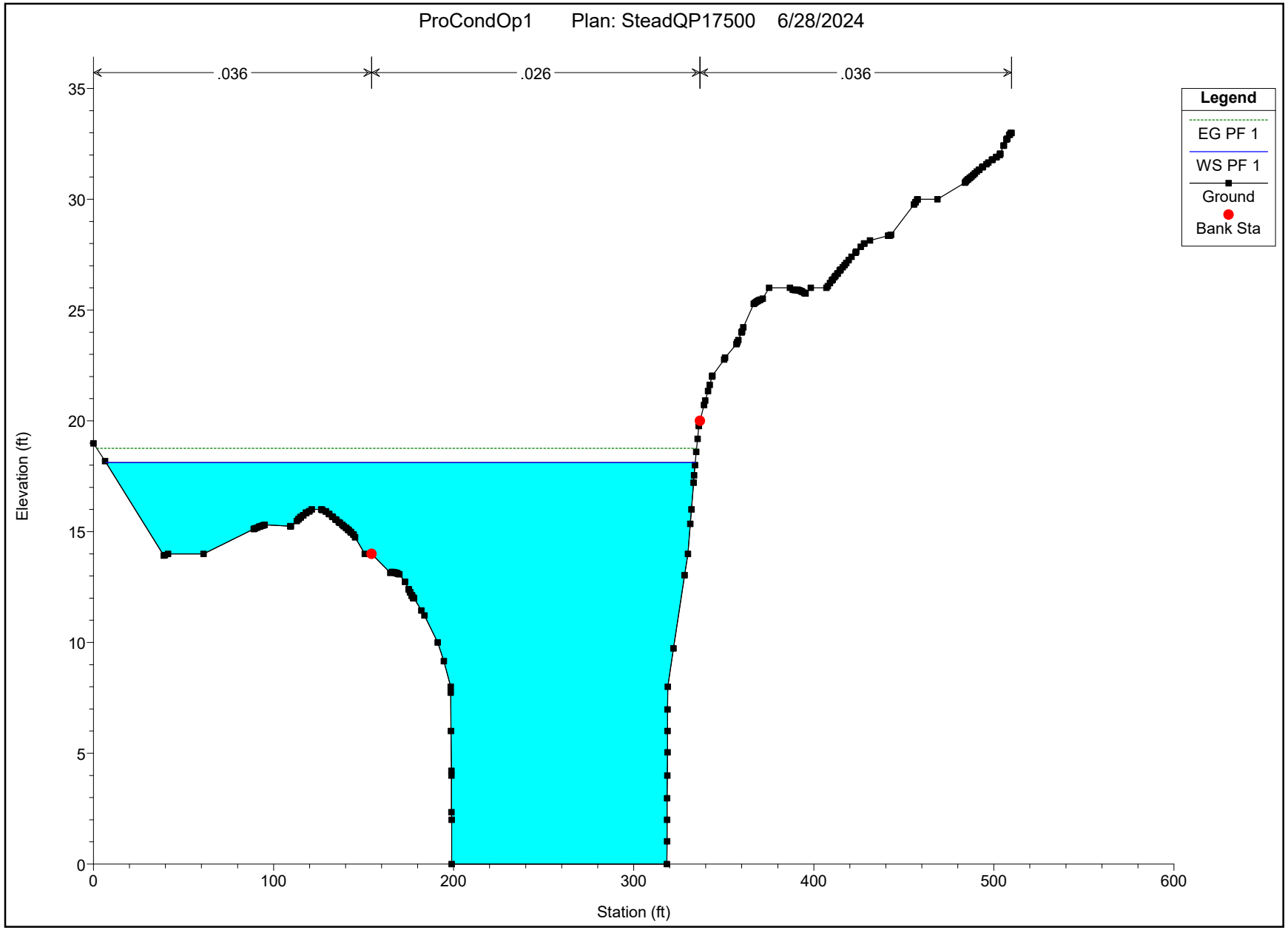
Existing Conditions Q17500



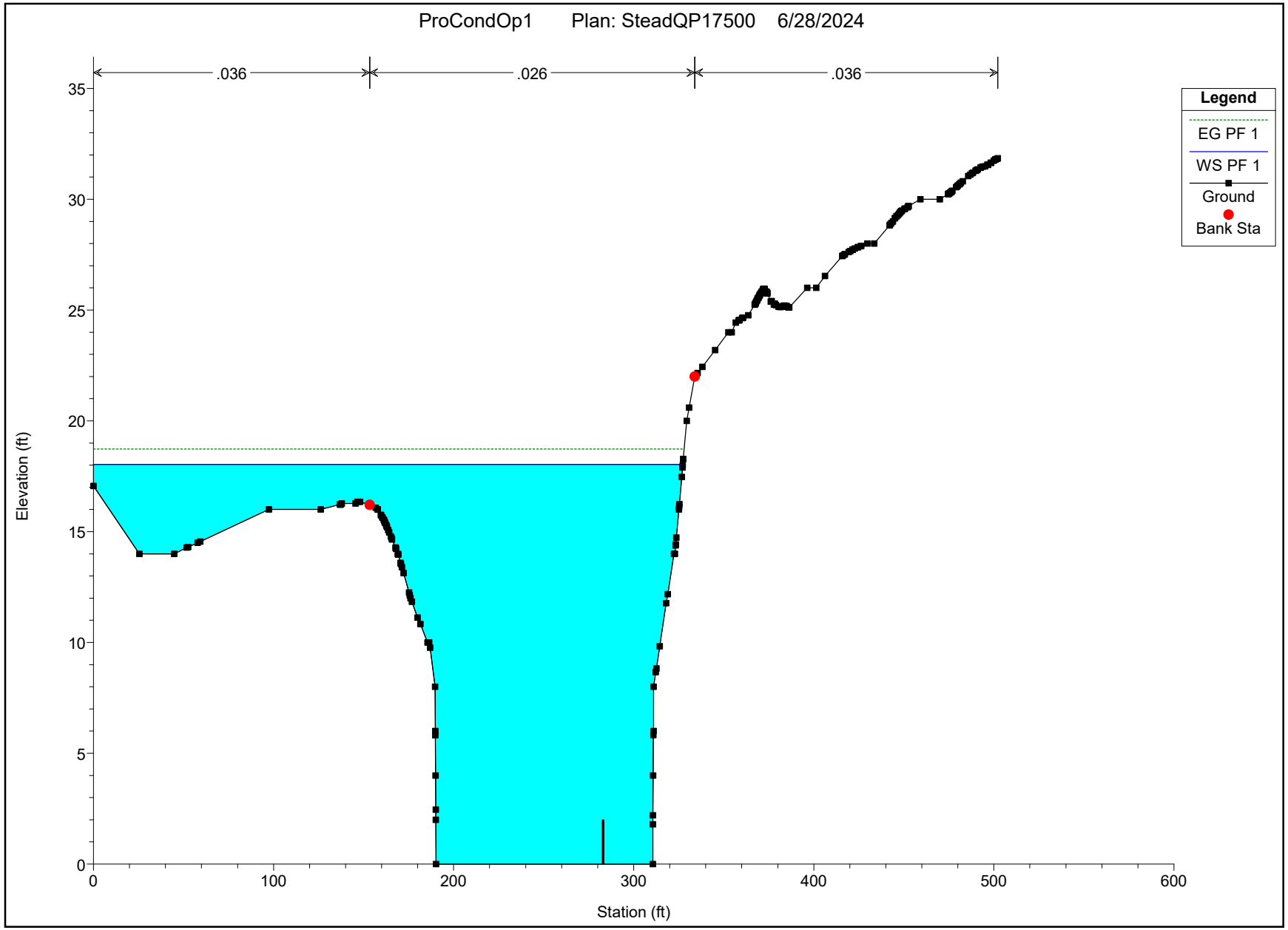
Existing Conditions - No Debris



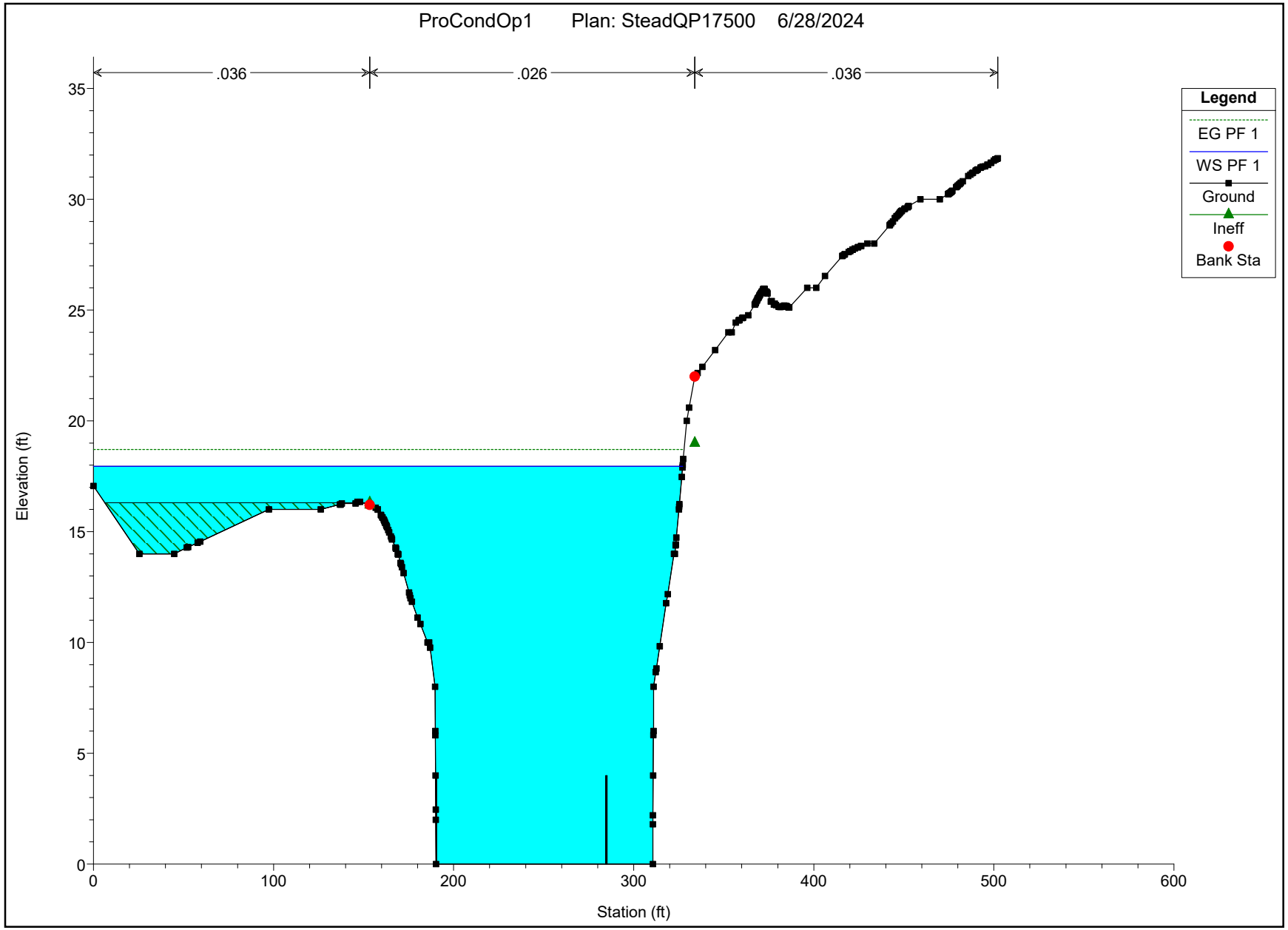
Alternative 1



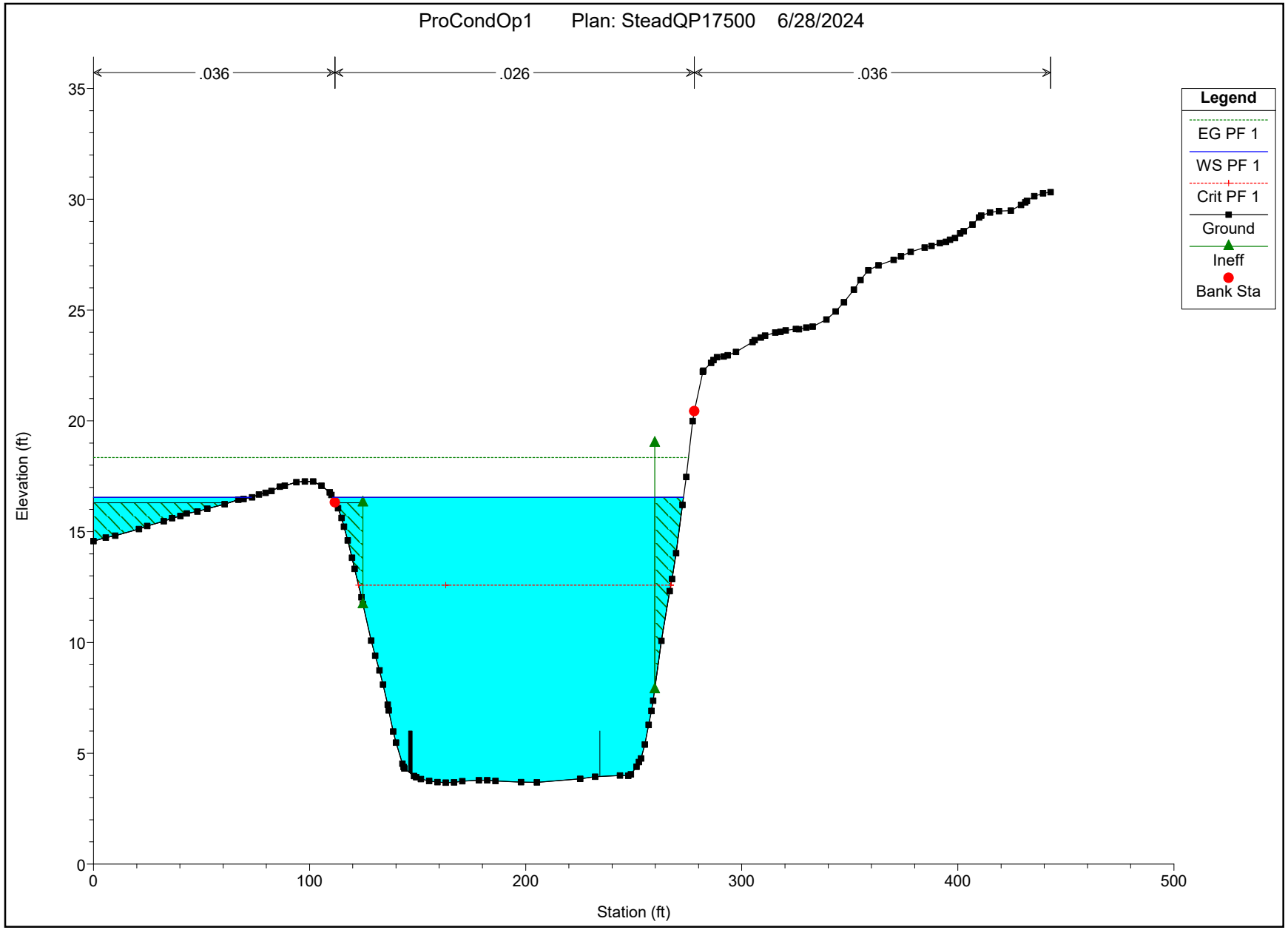
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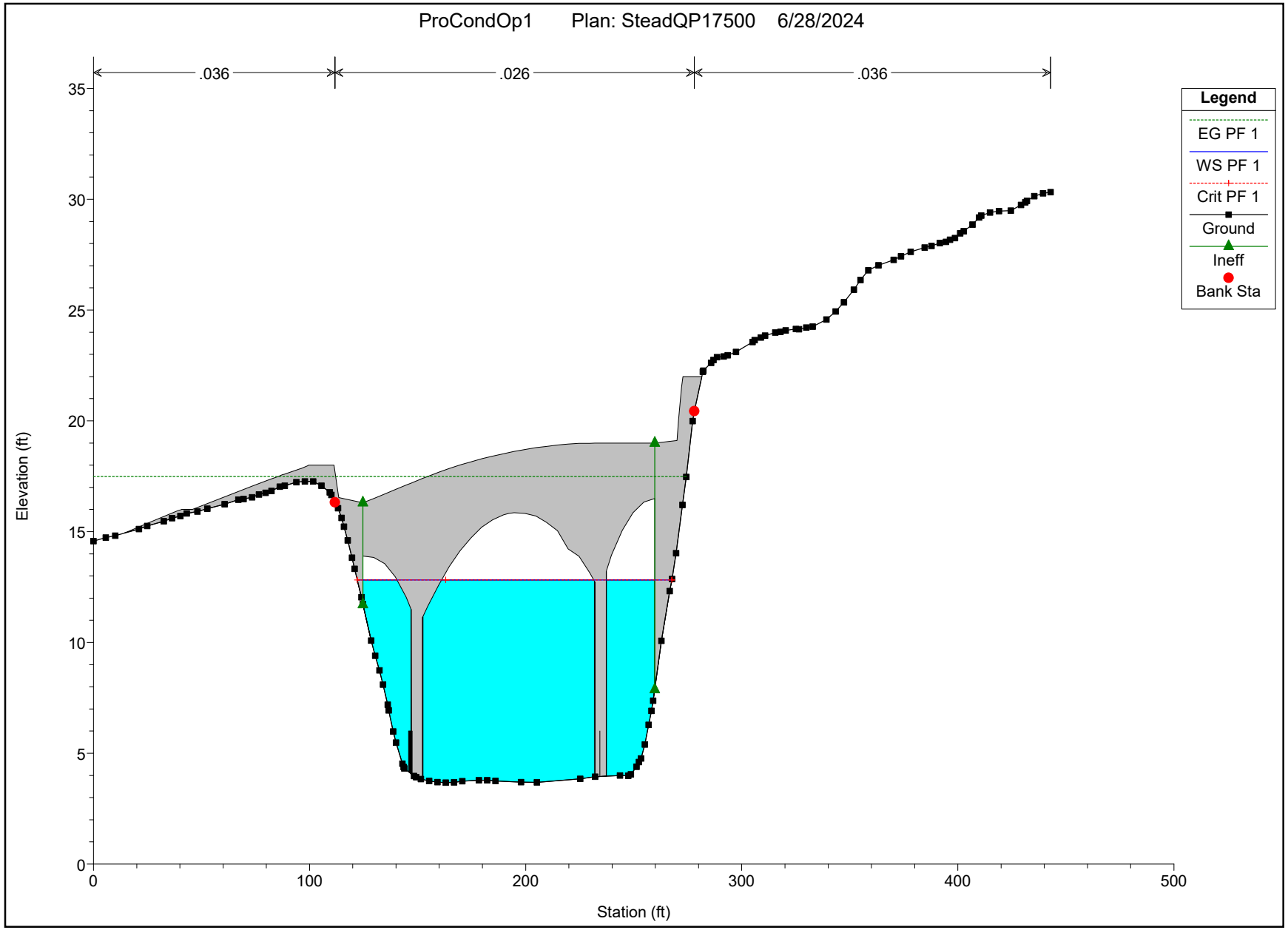
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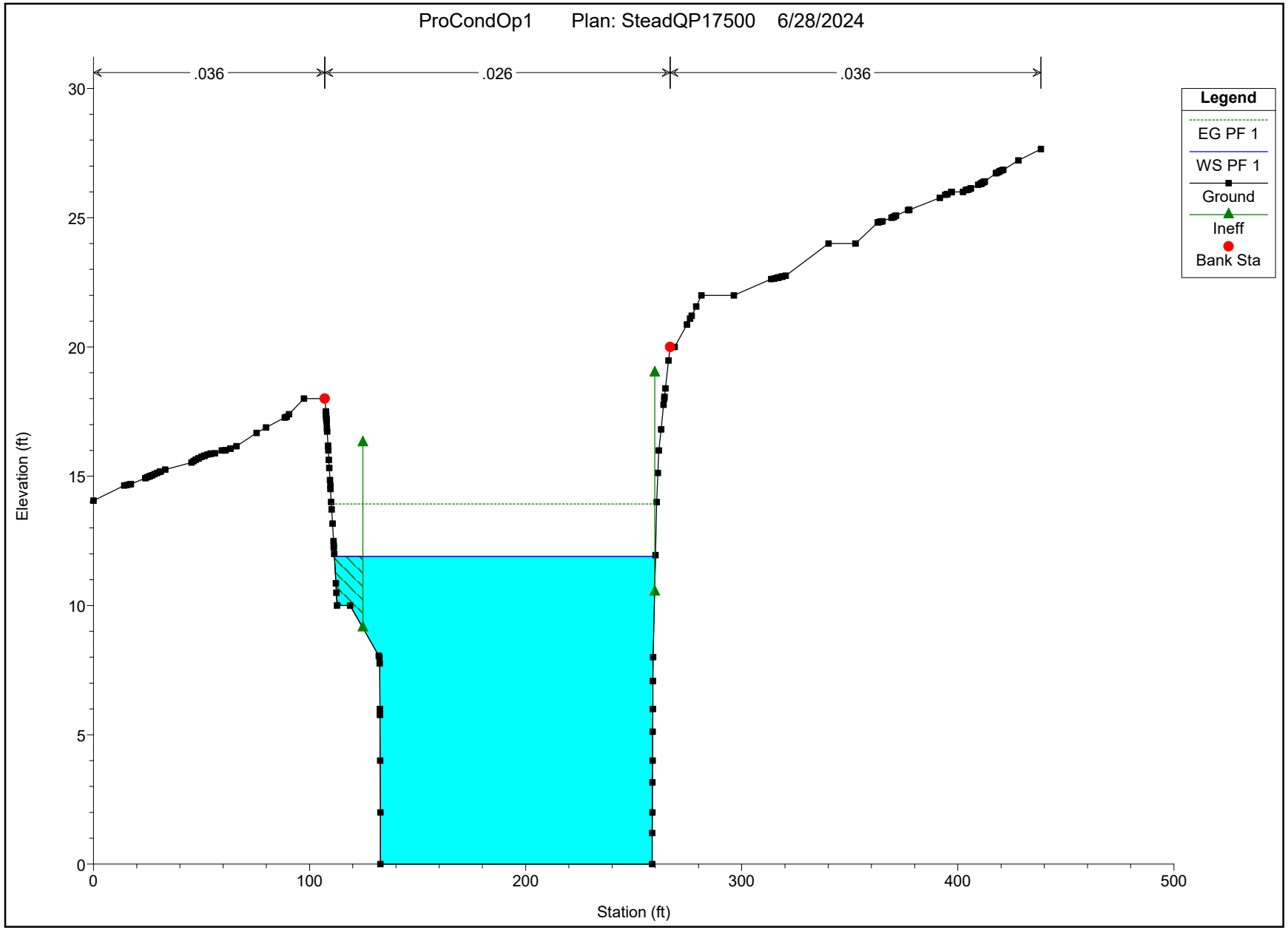
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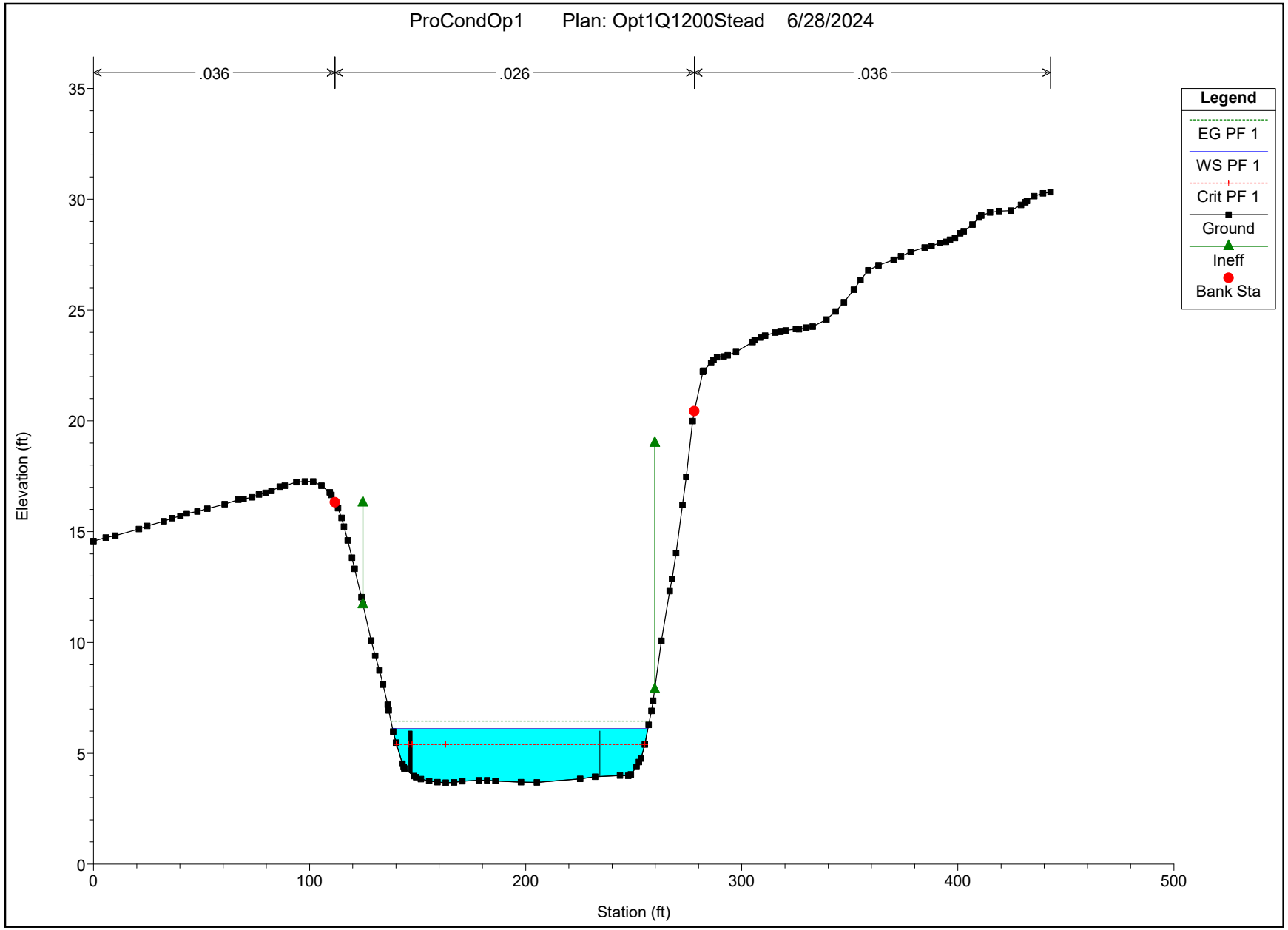
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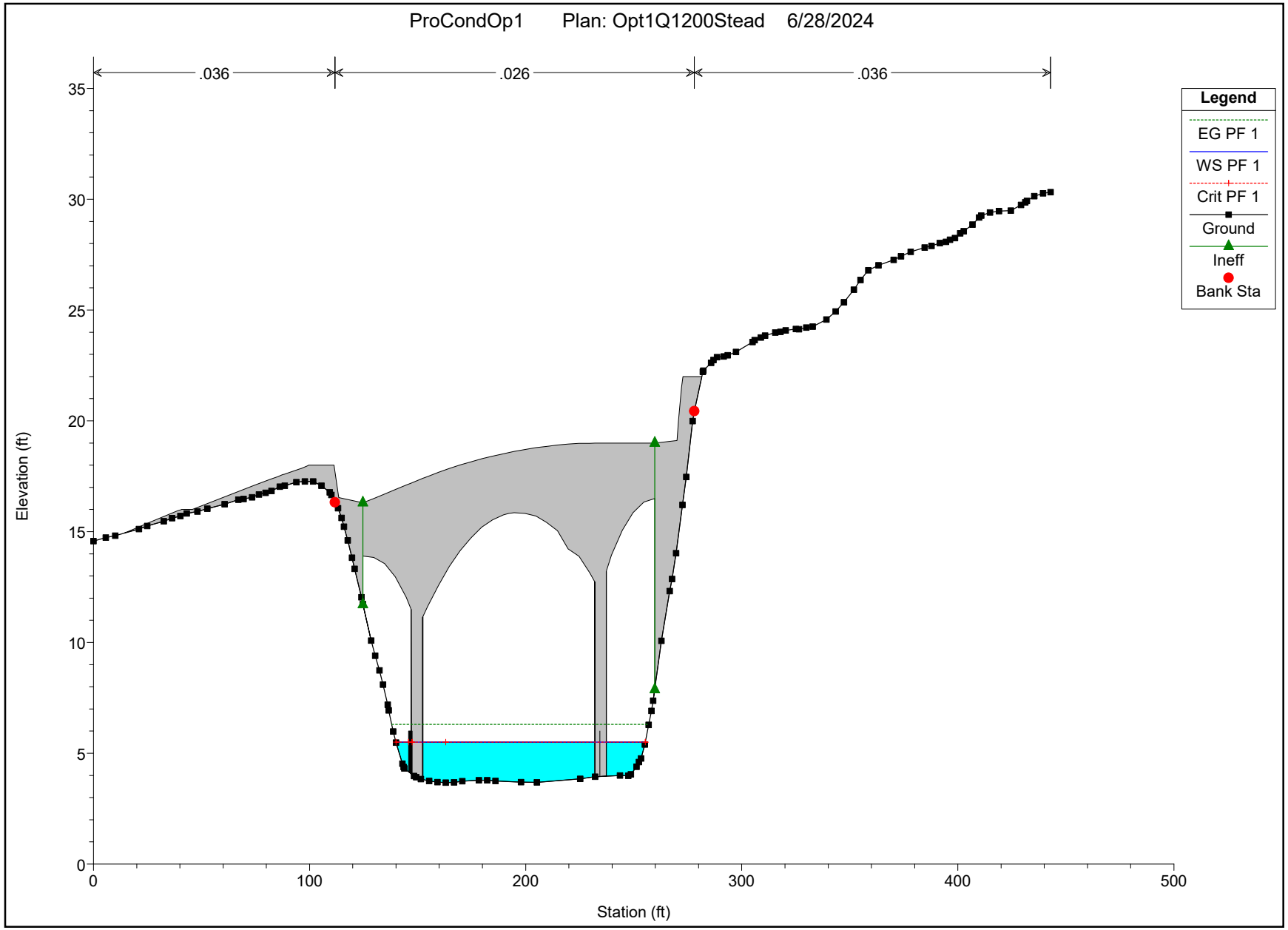
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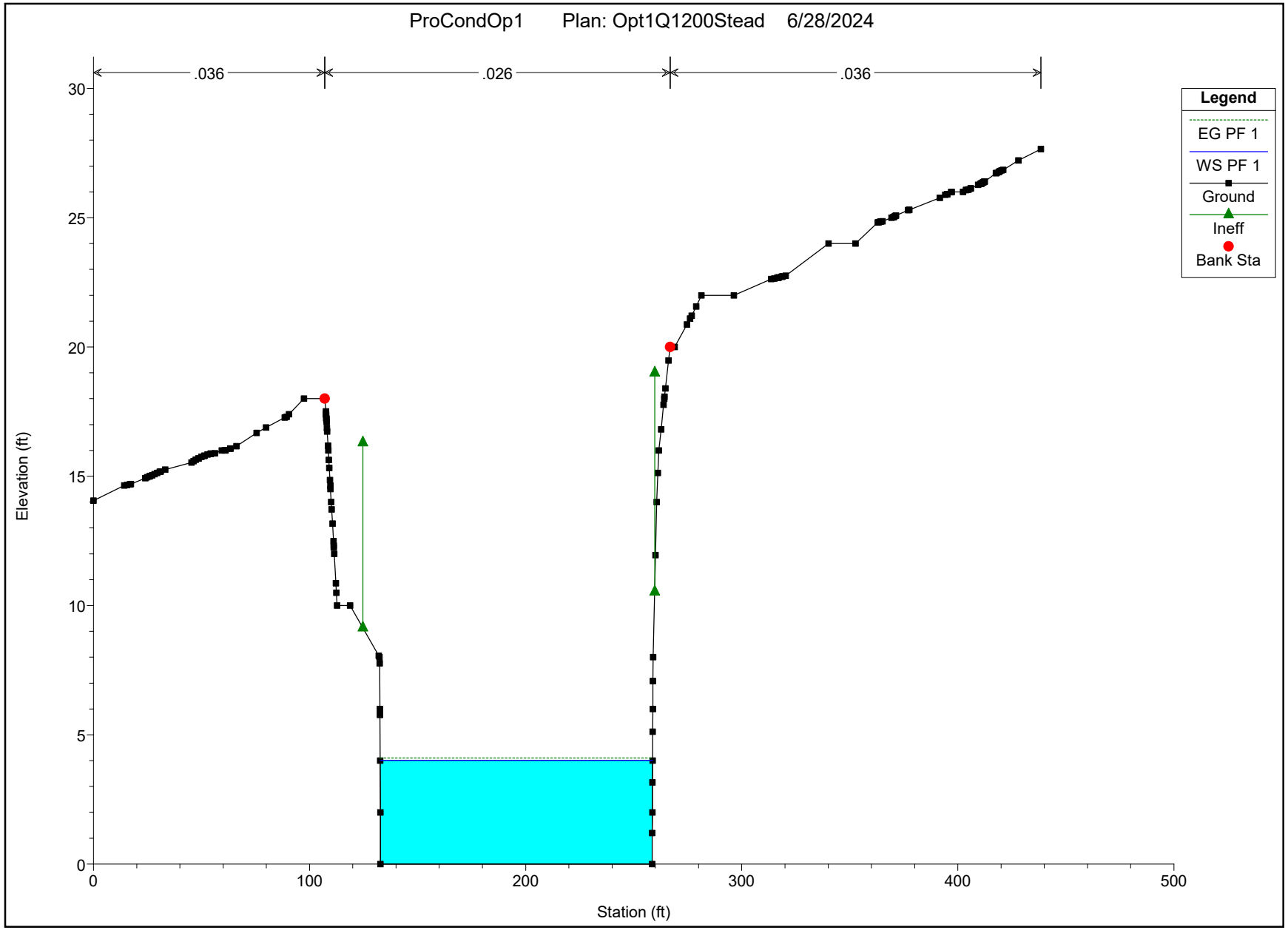
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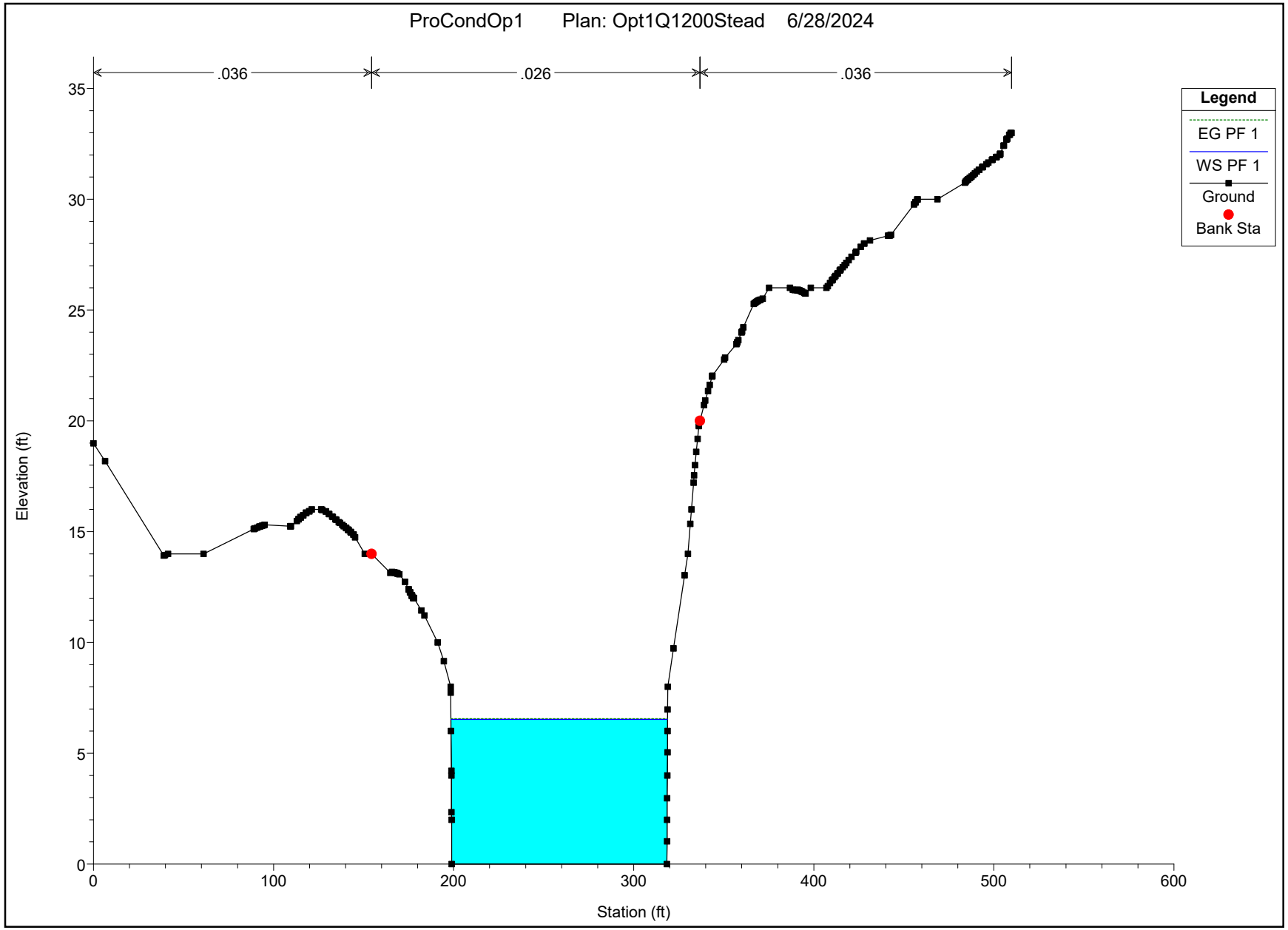
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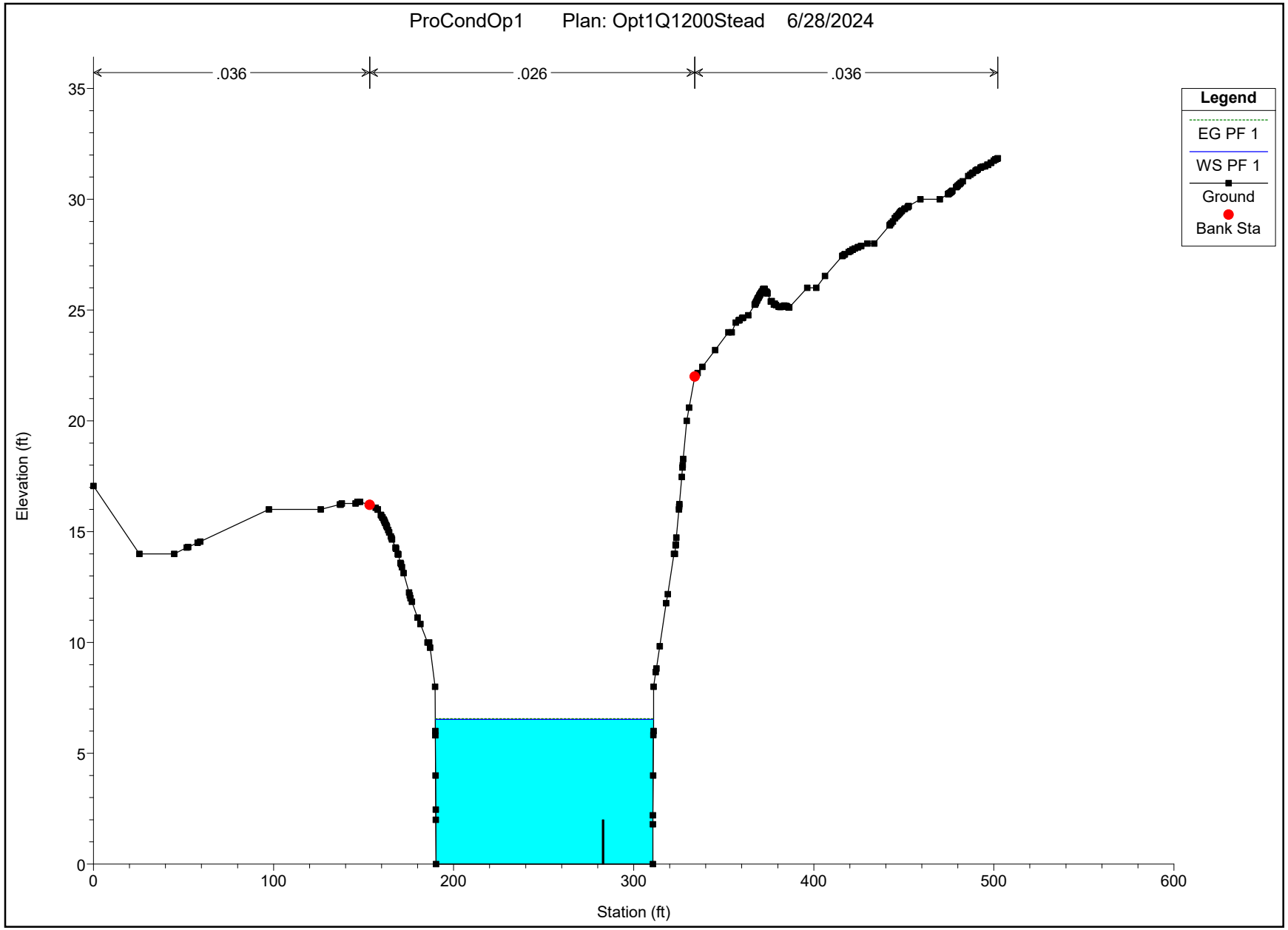
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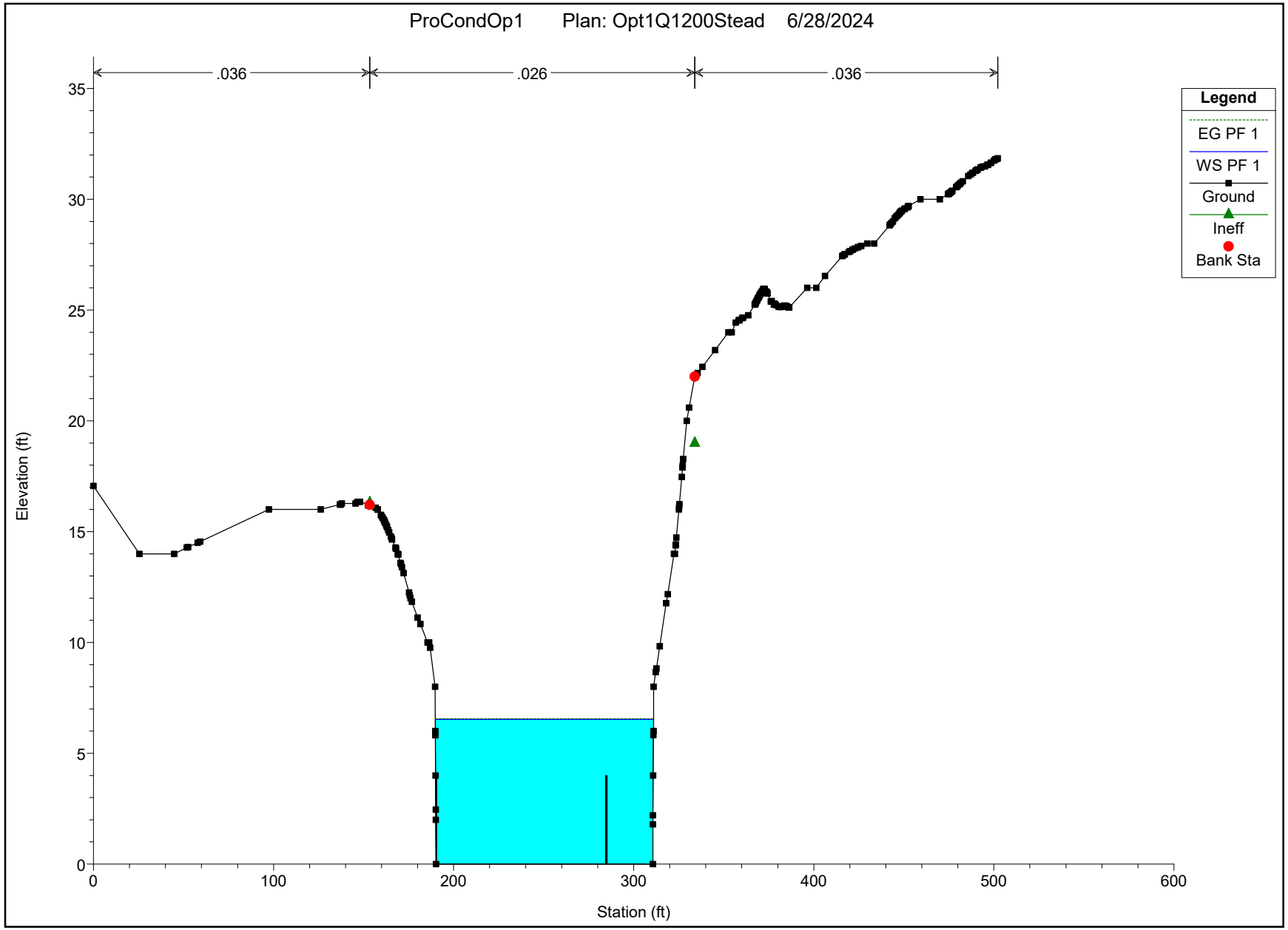
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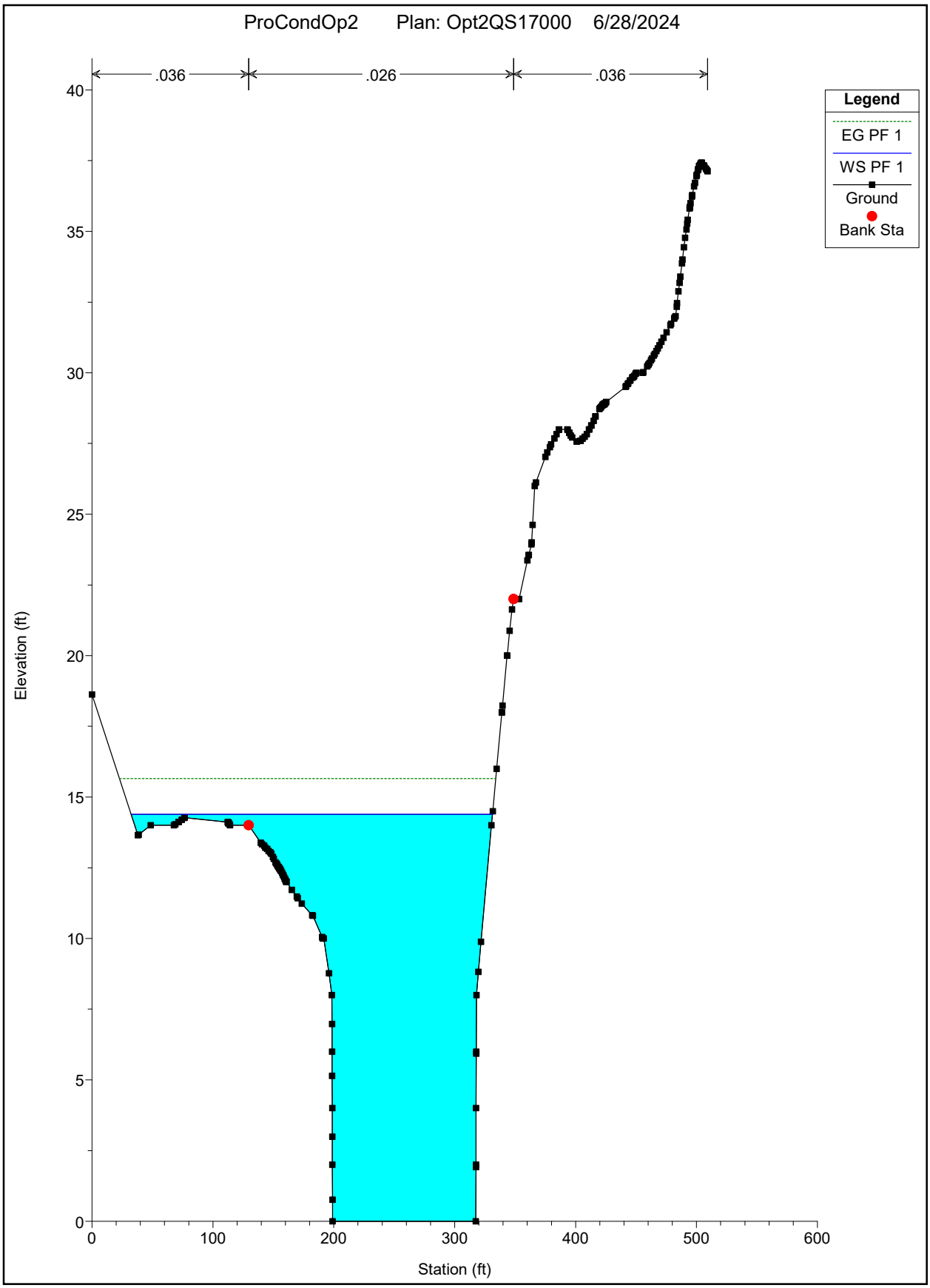
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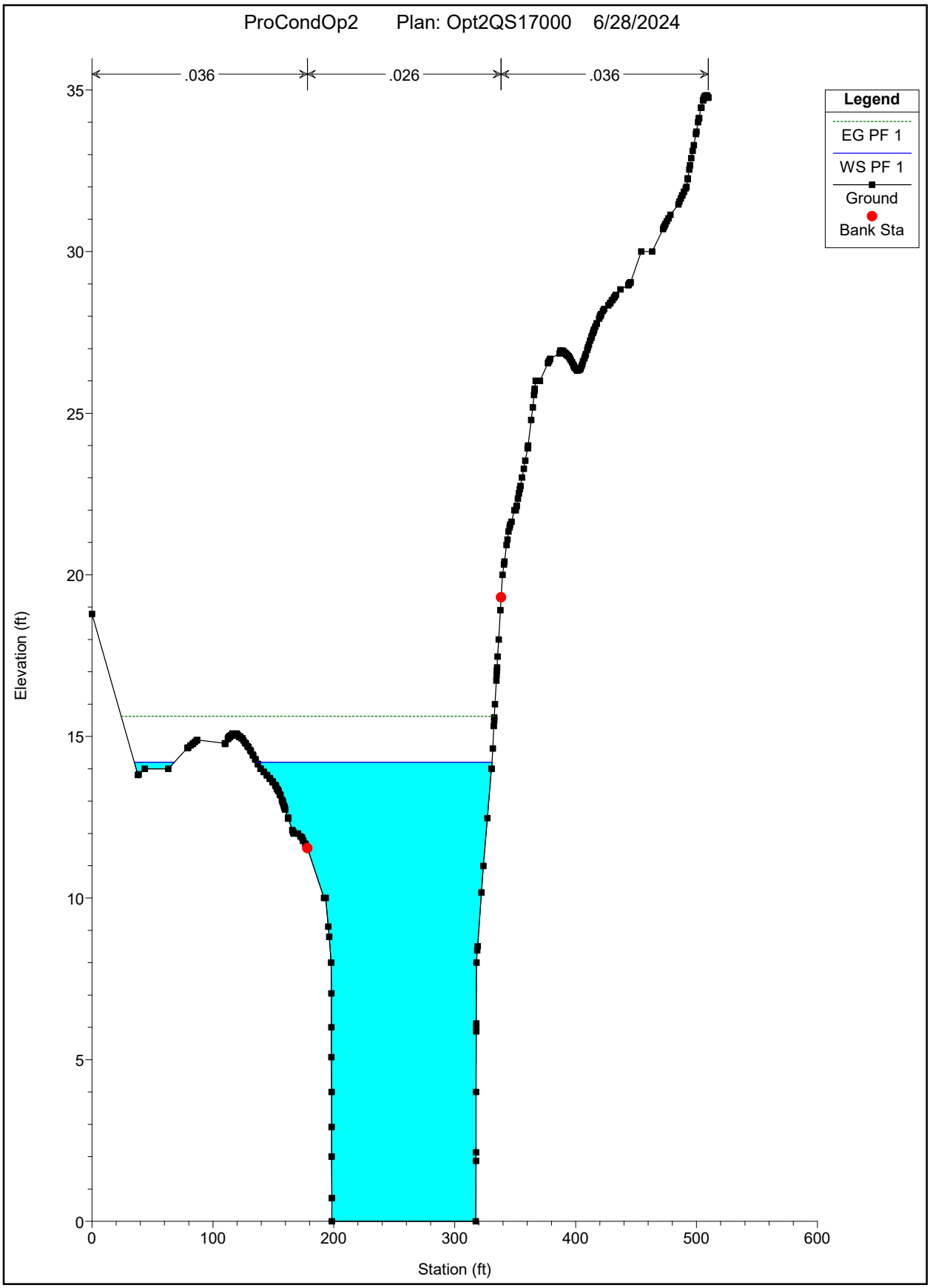
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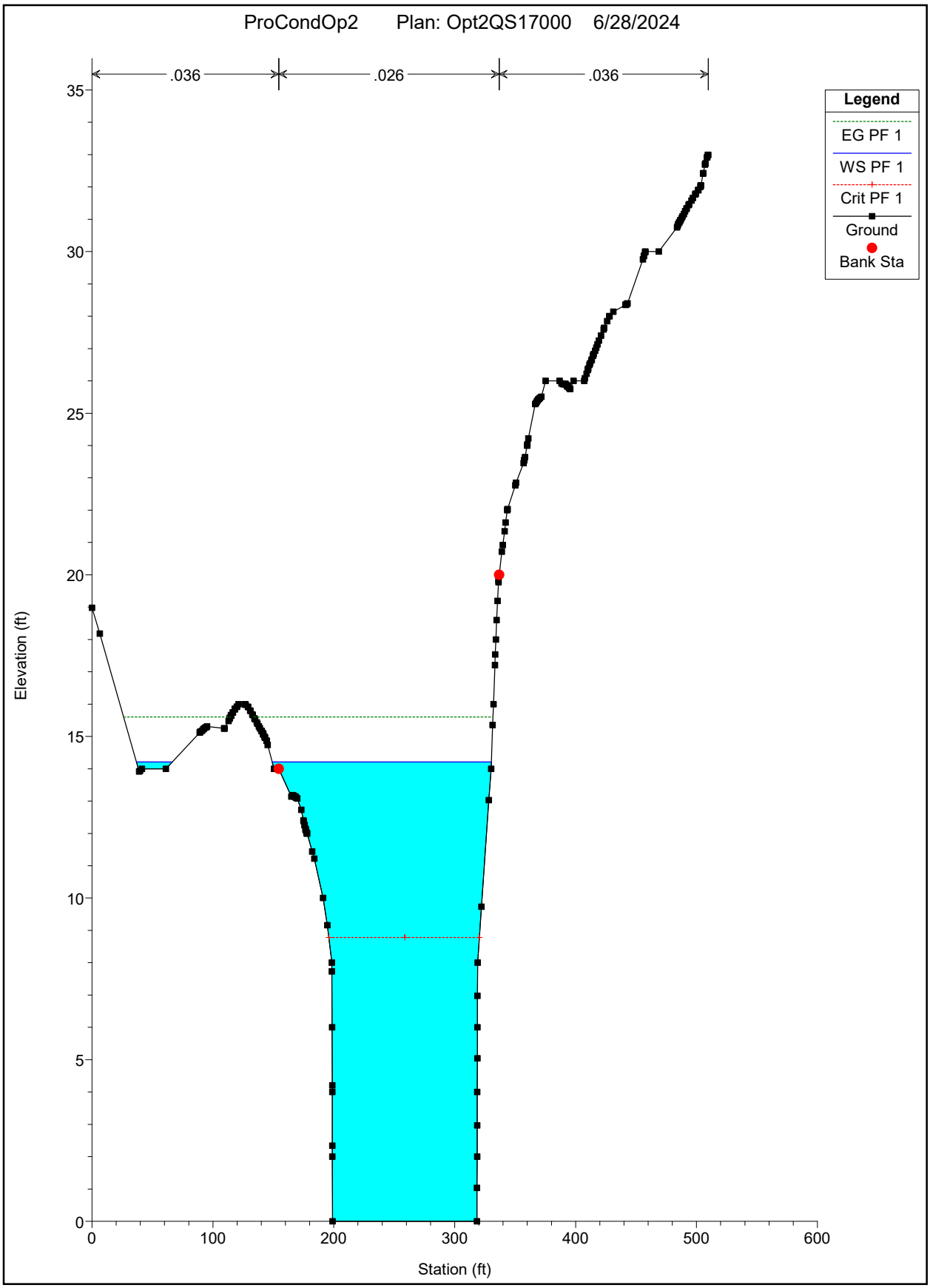
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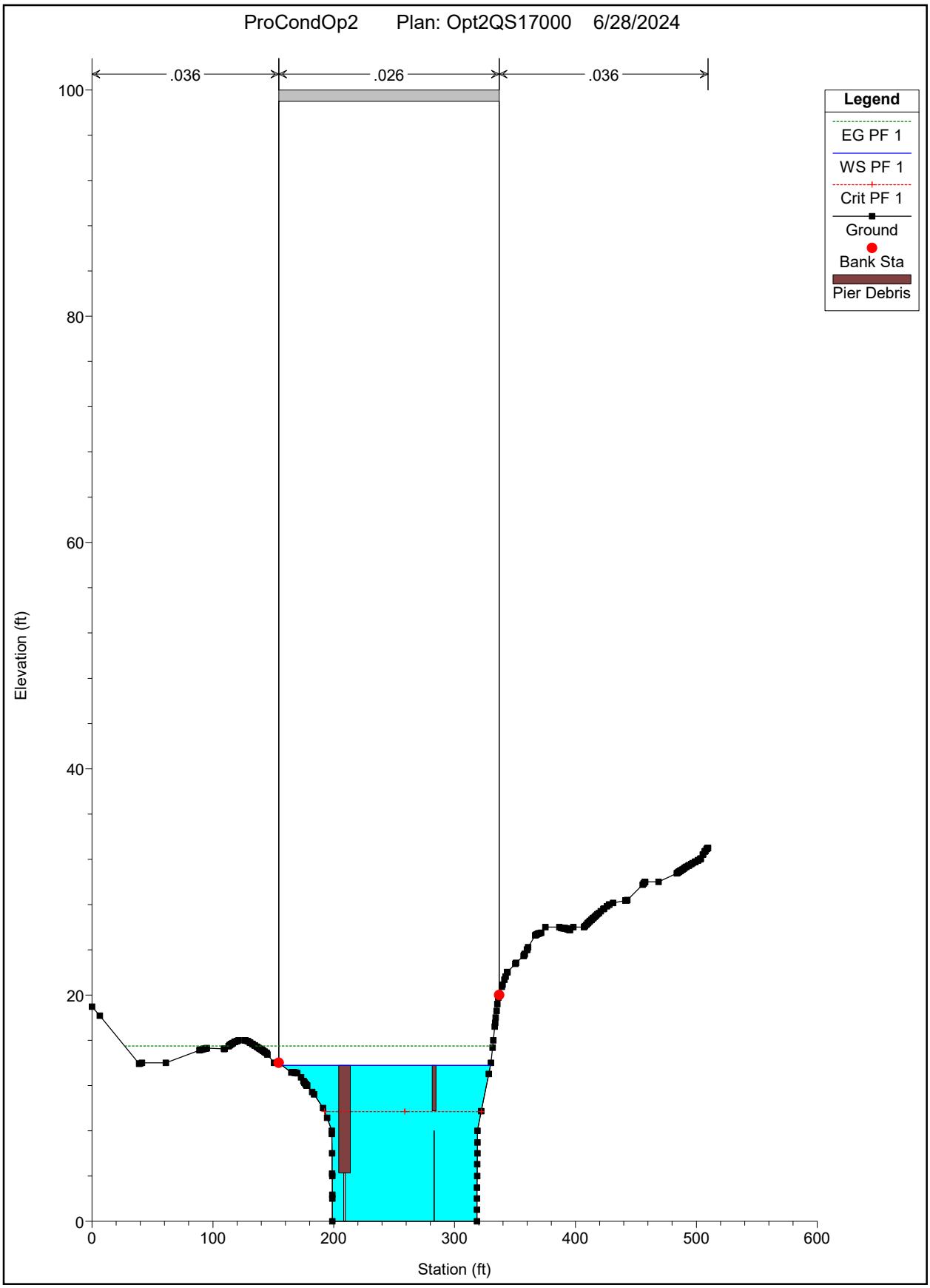
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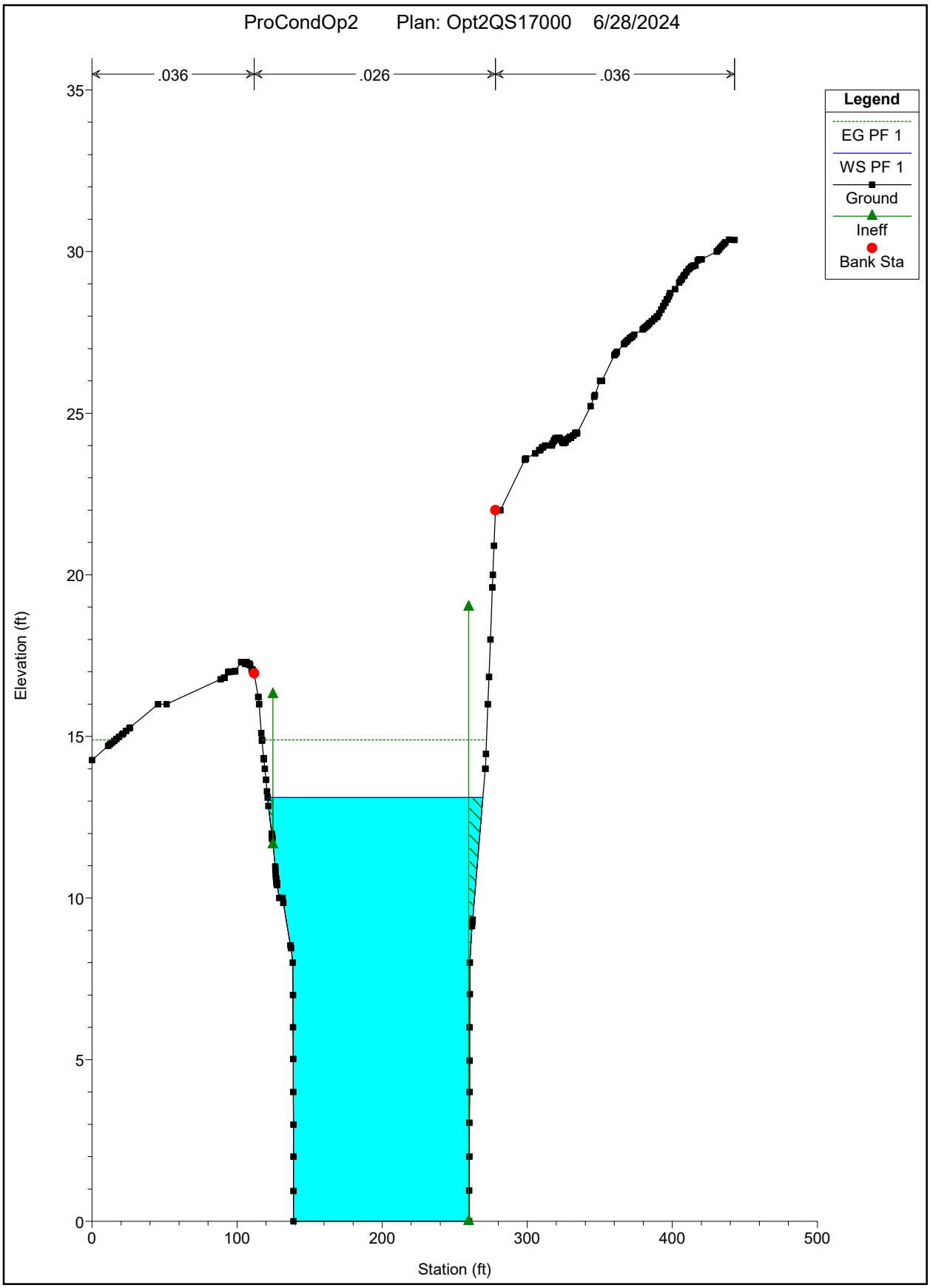
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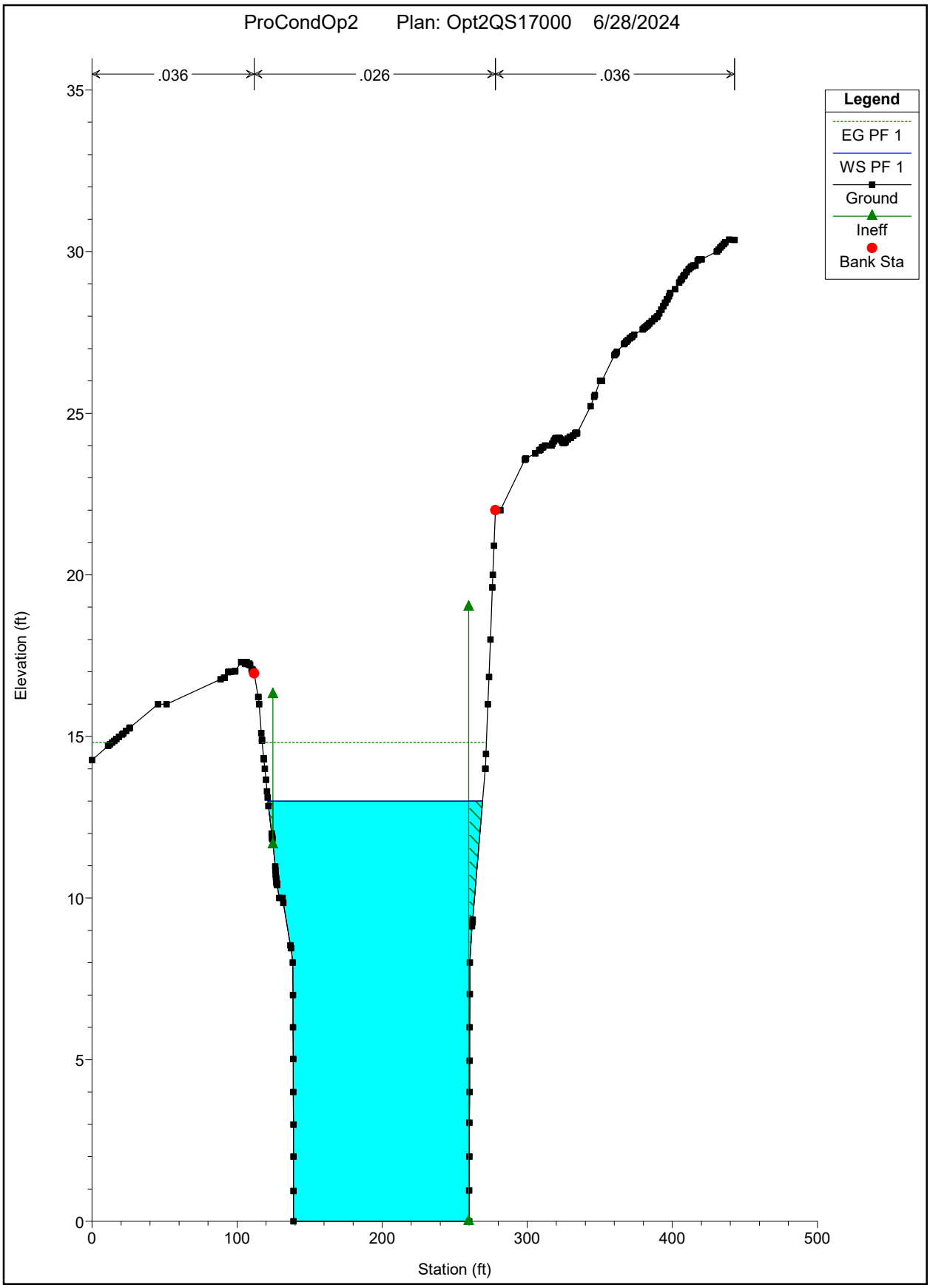
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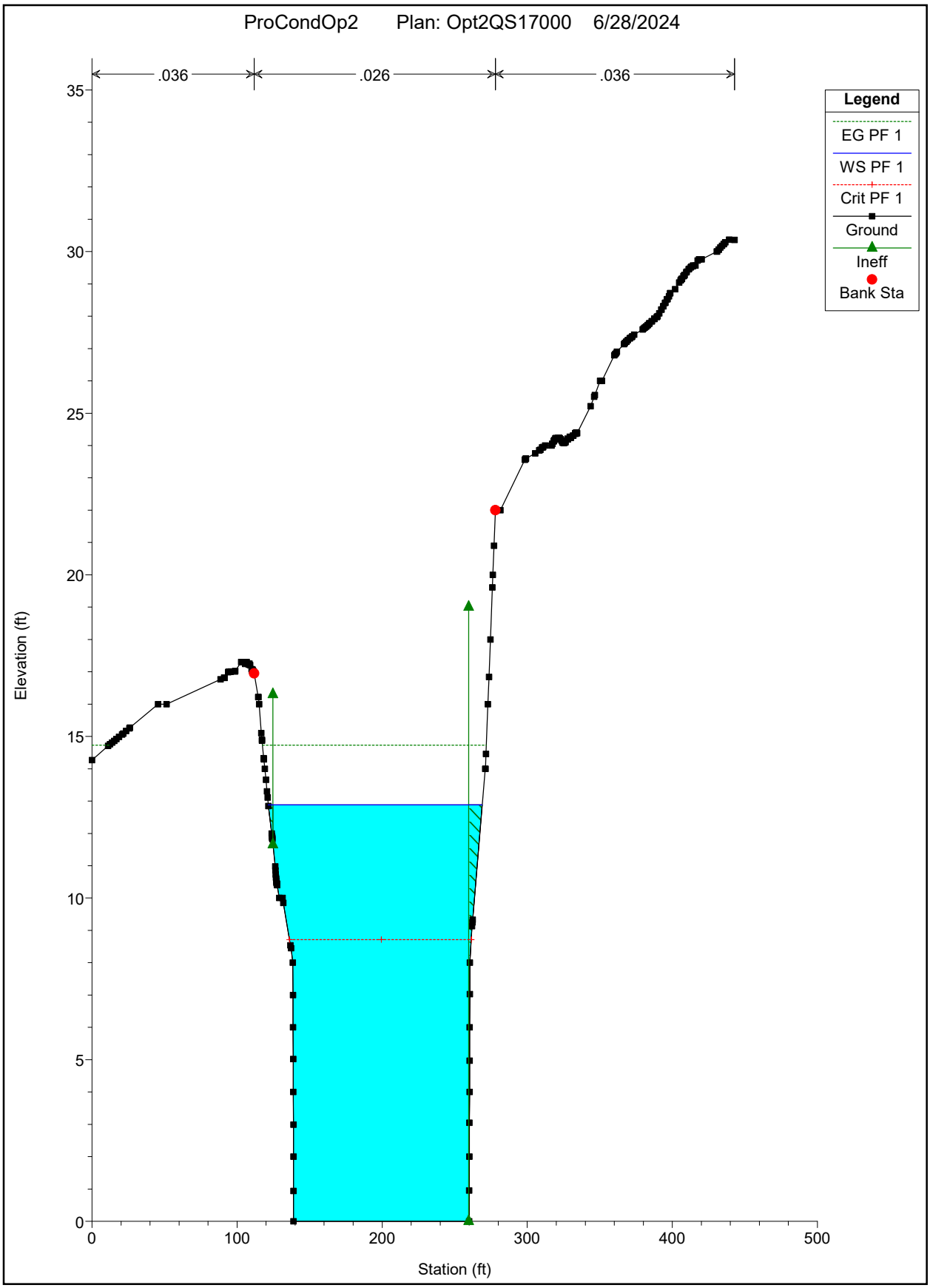
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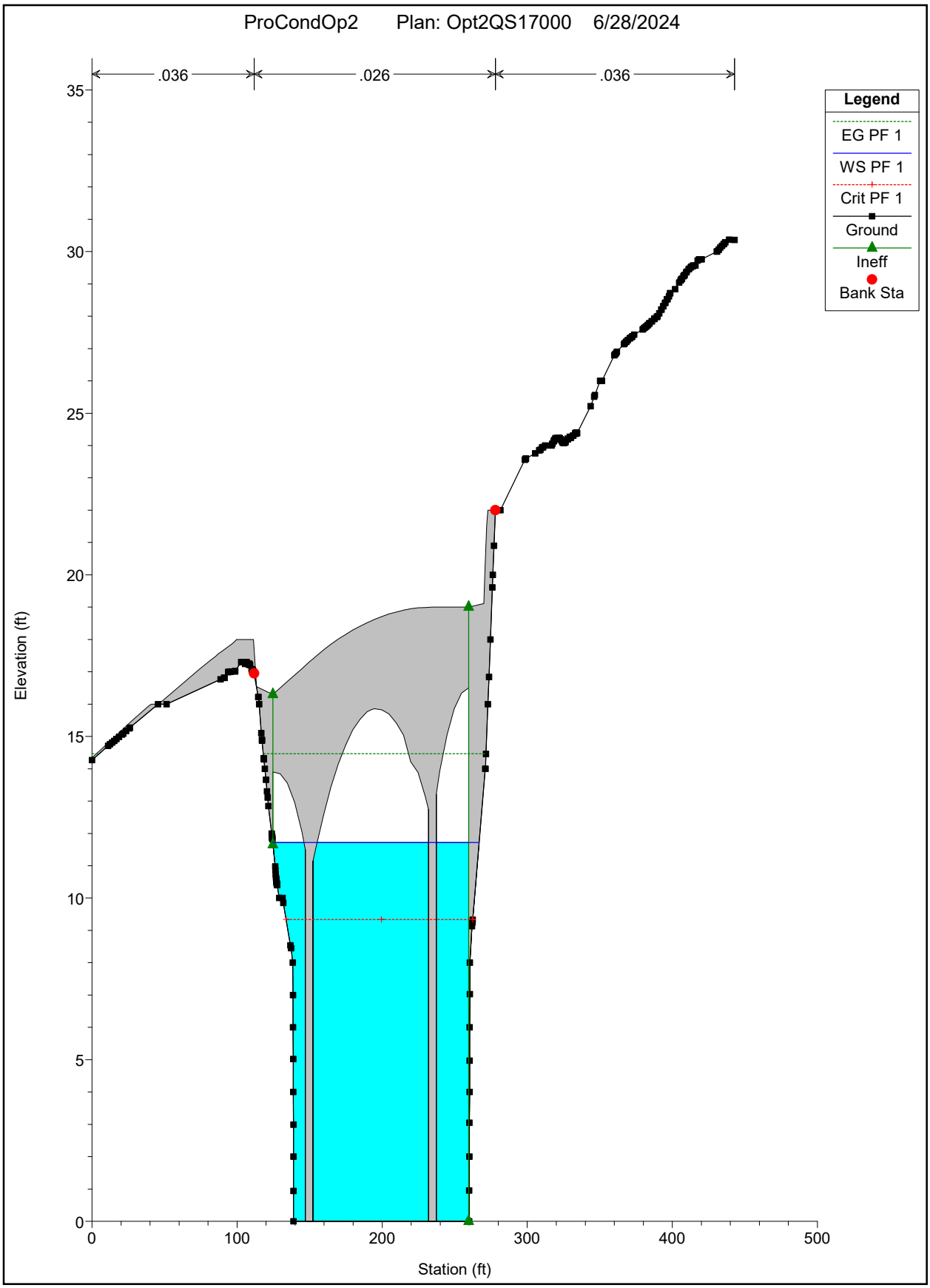
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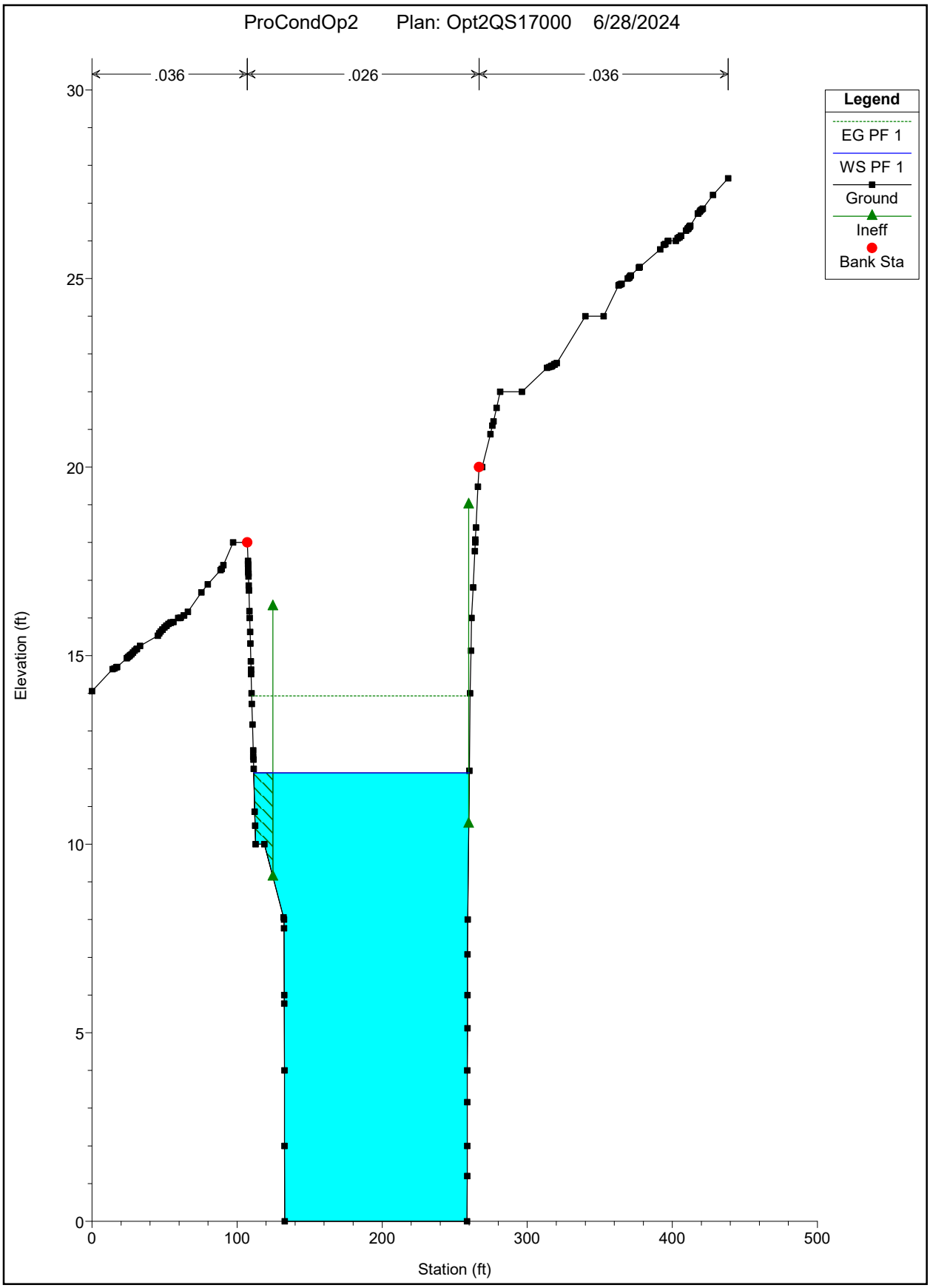
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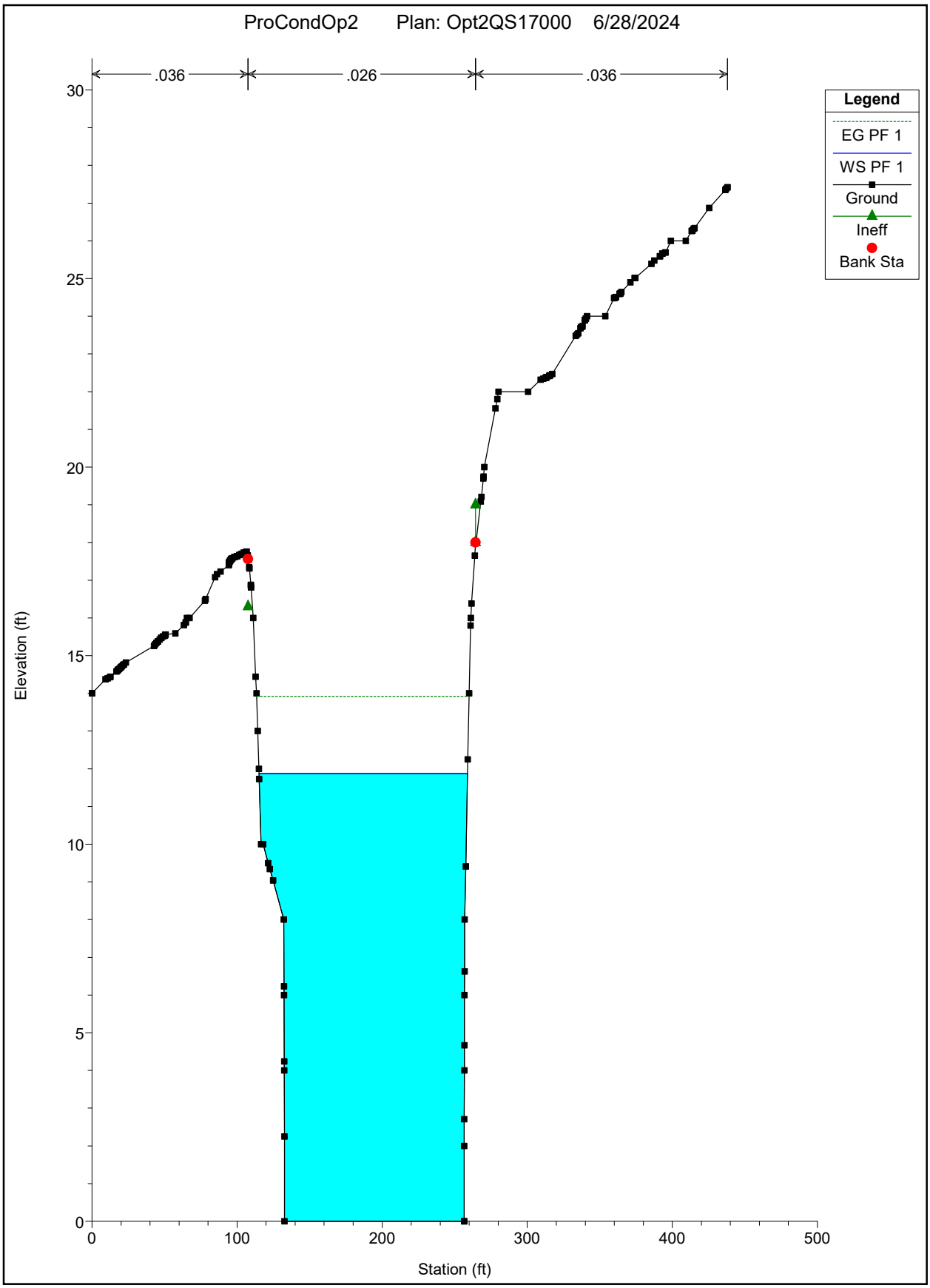
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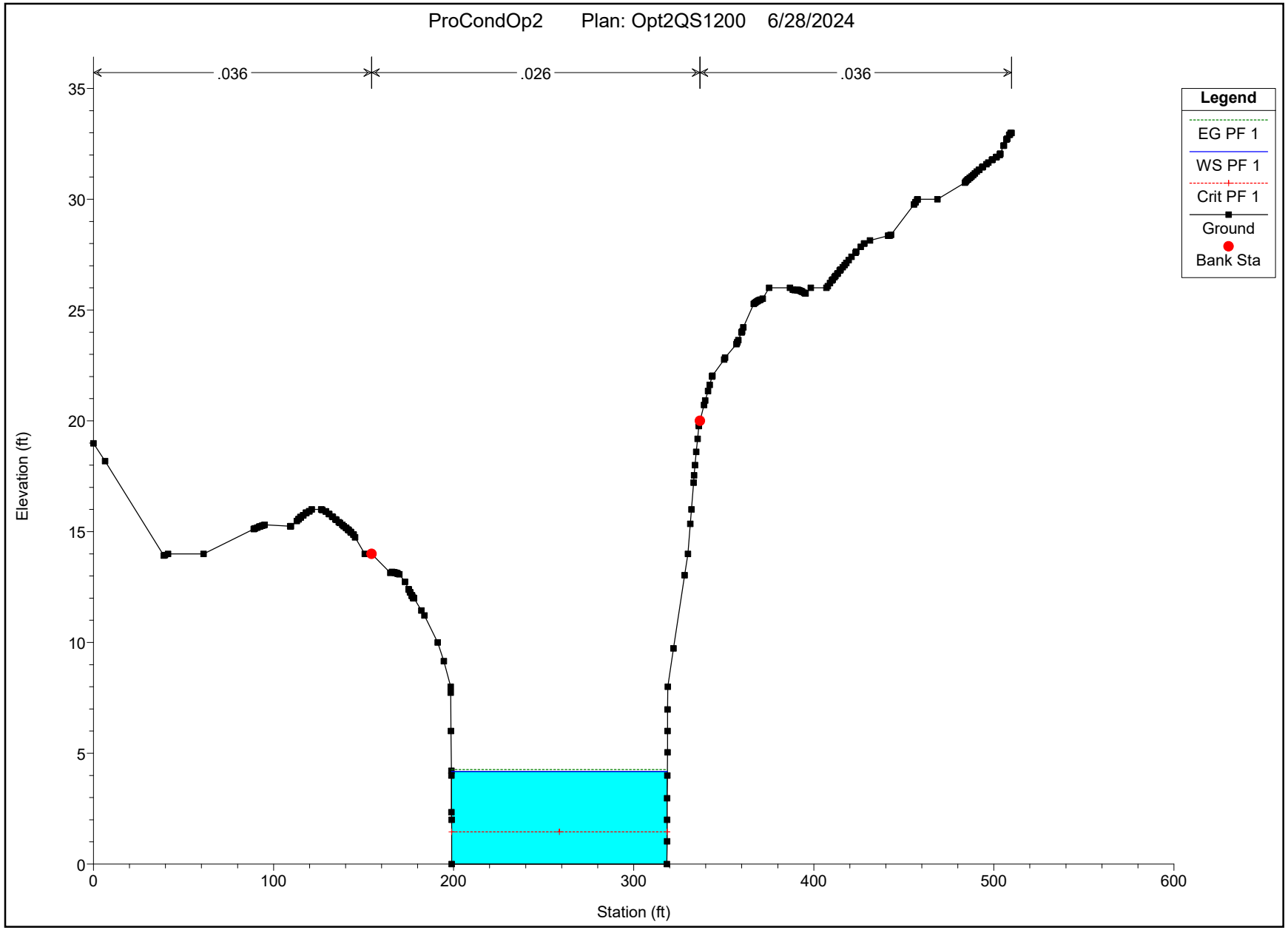
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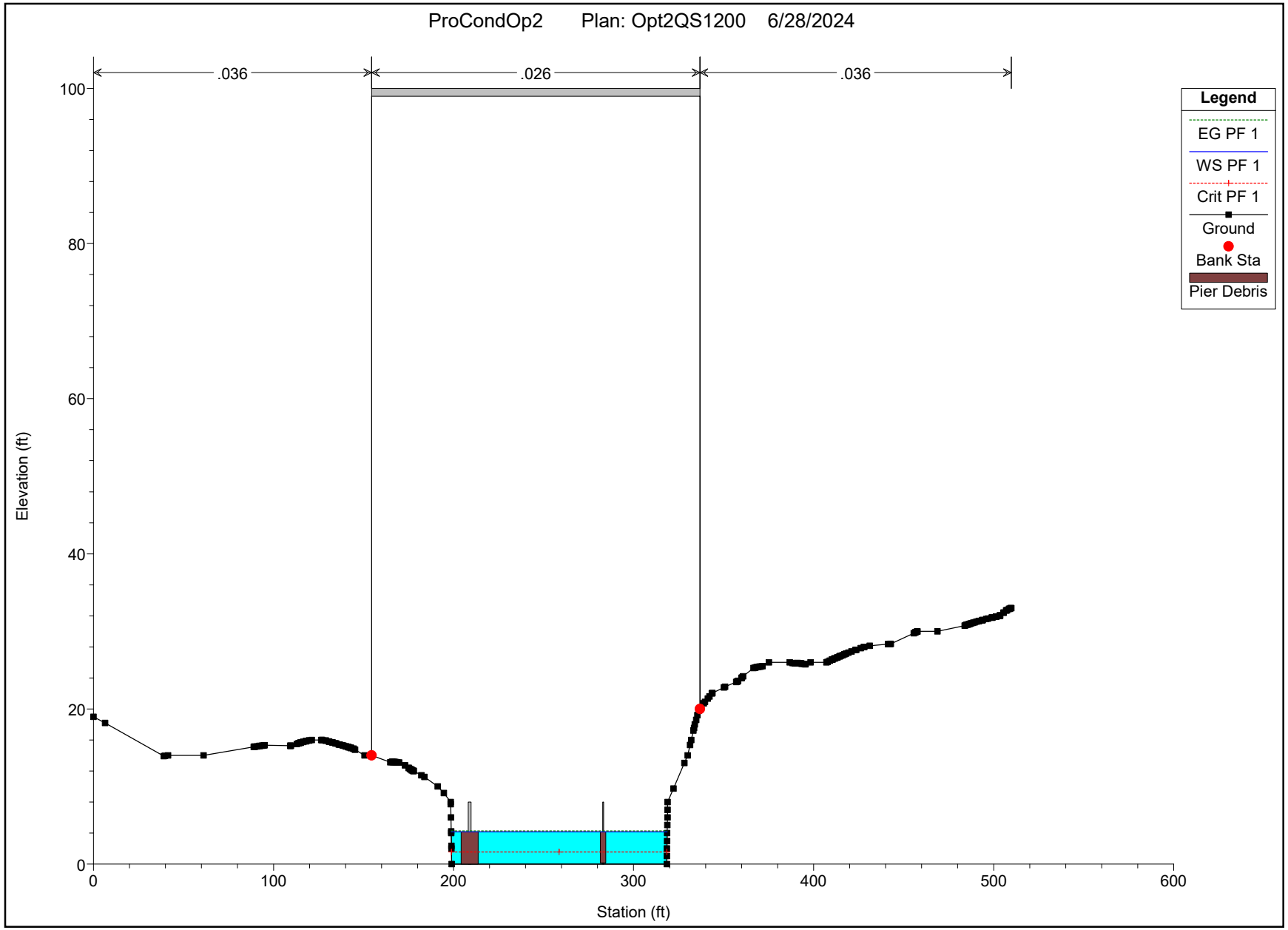
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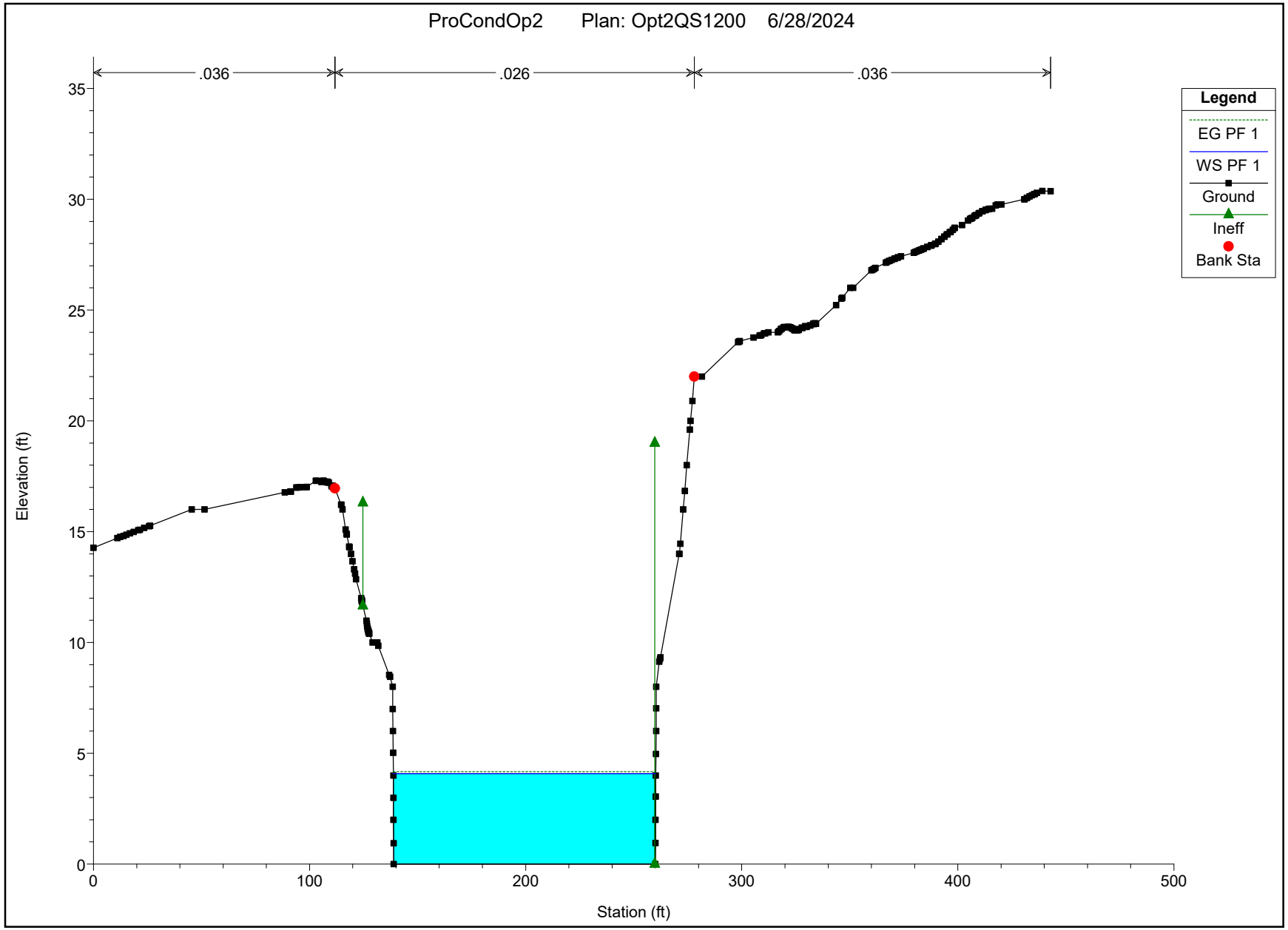
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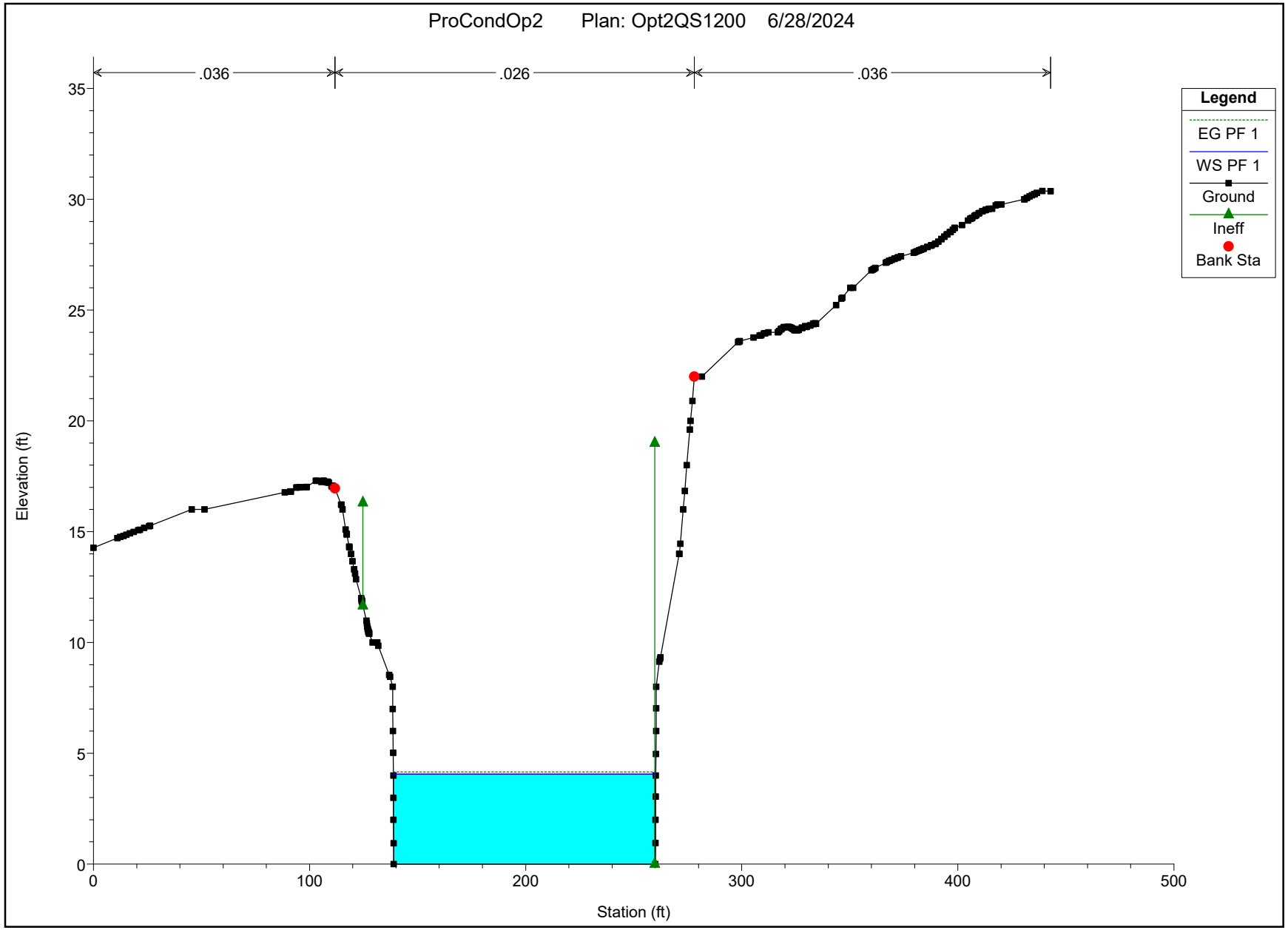
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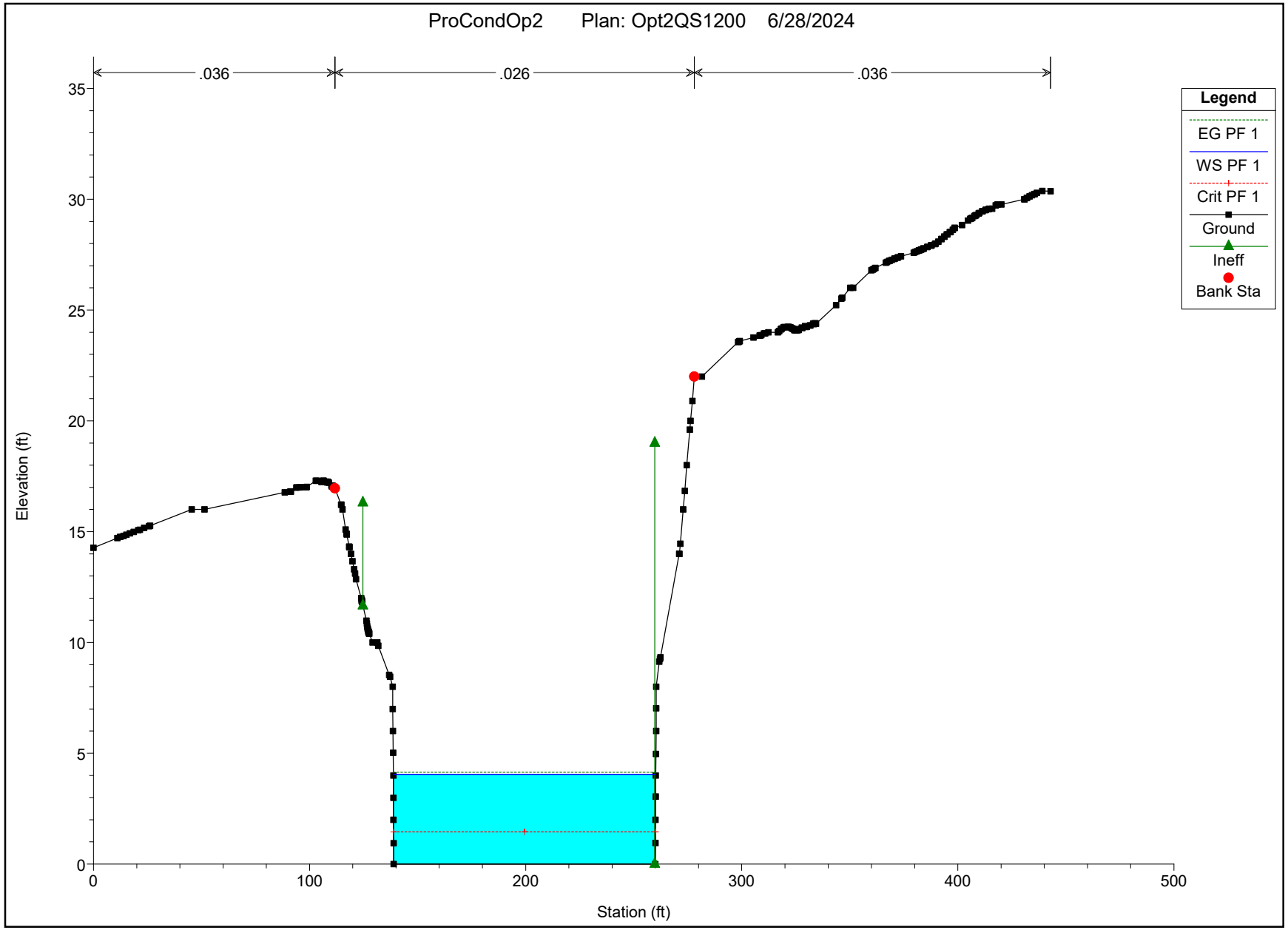
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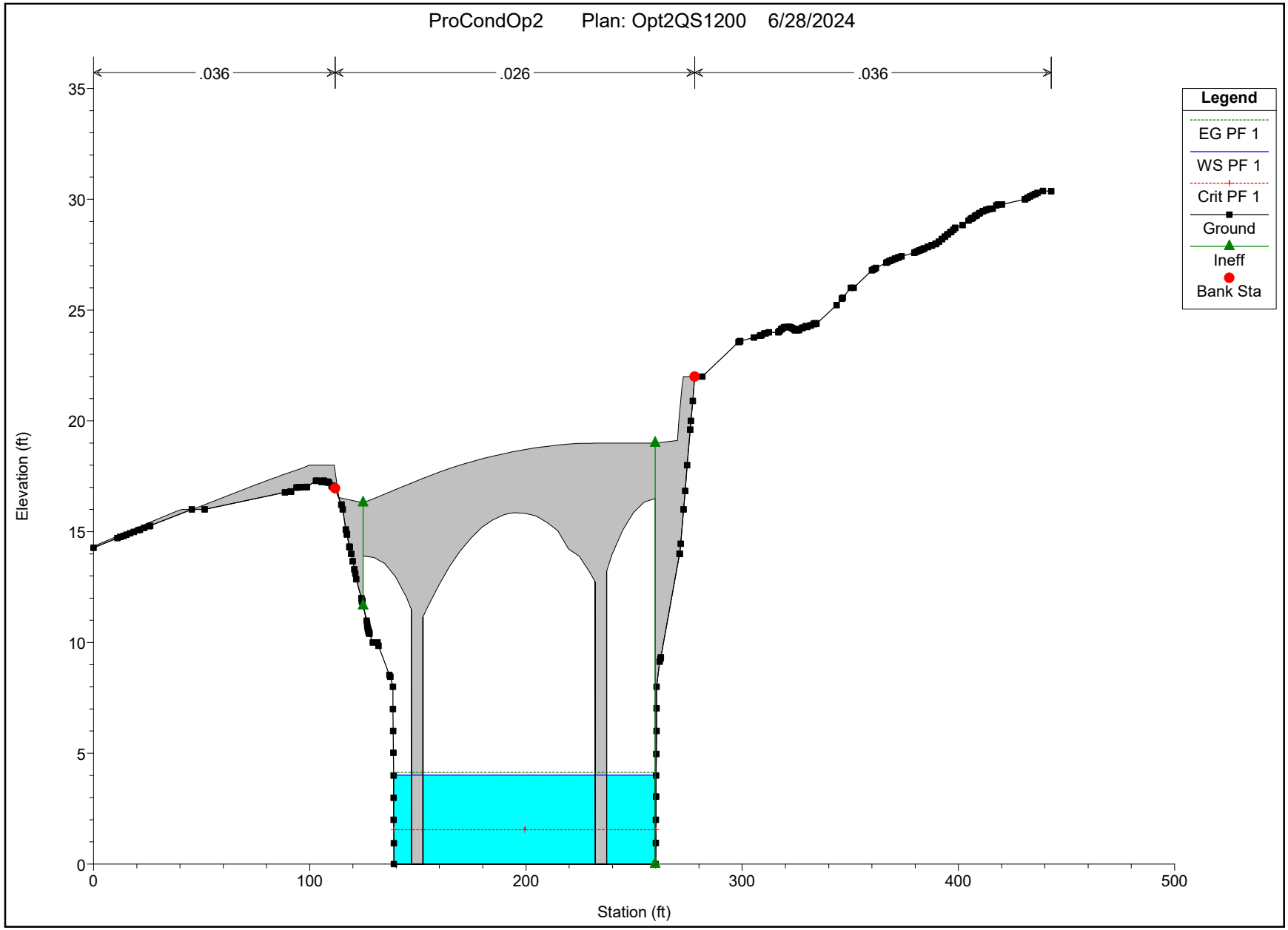
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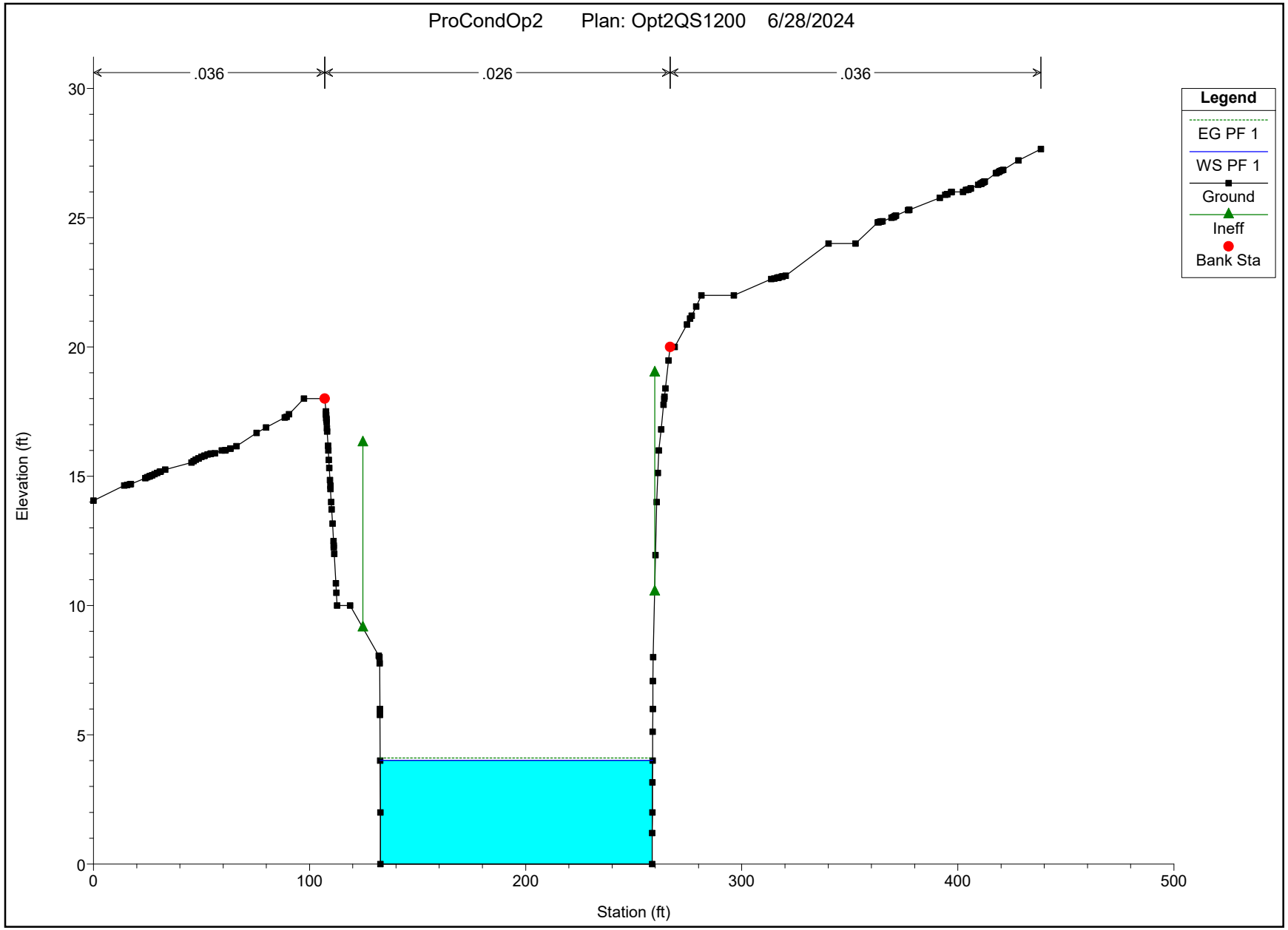
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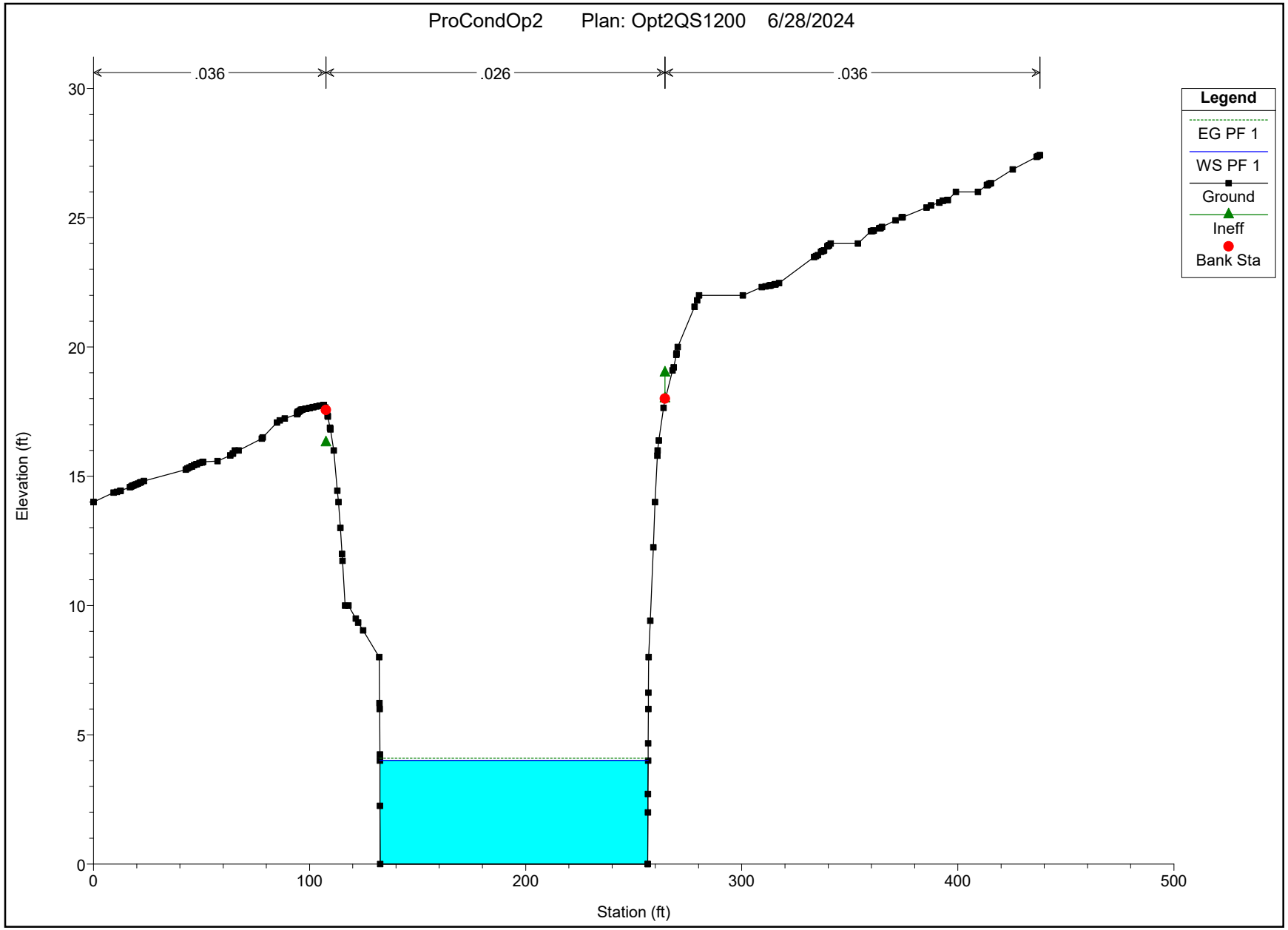
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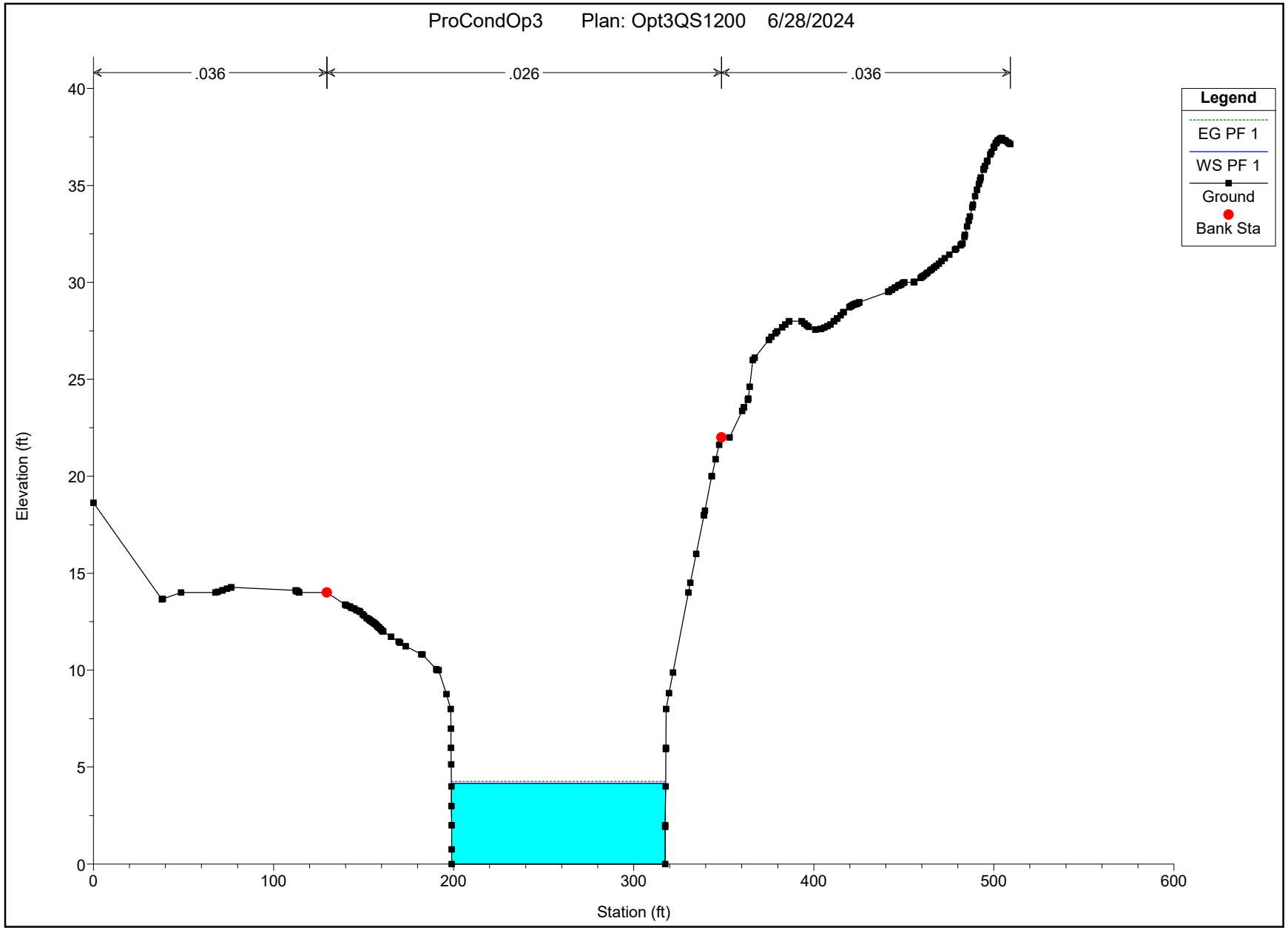
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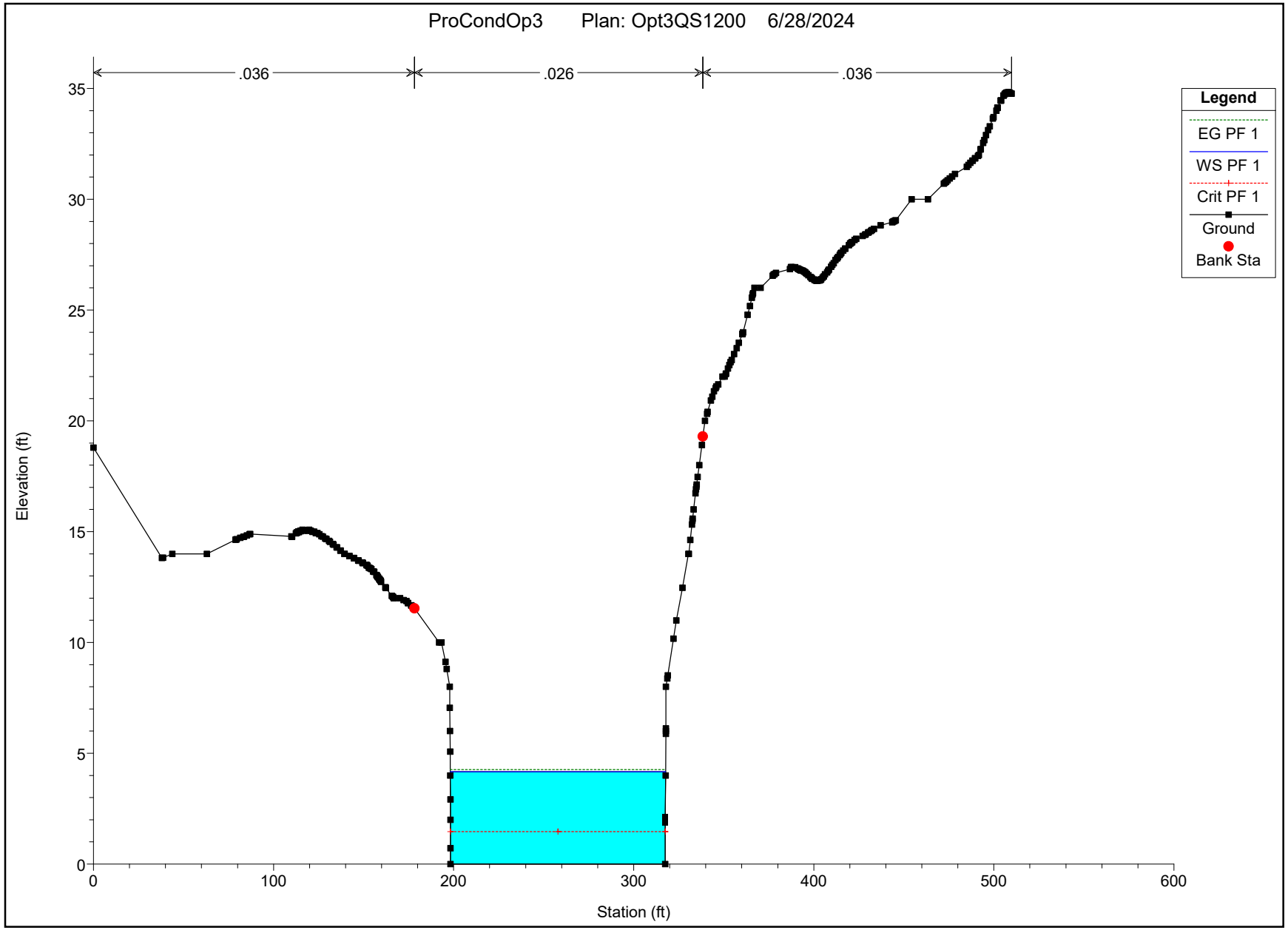
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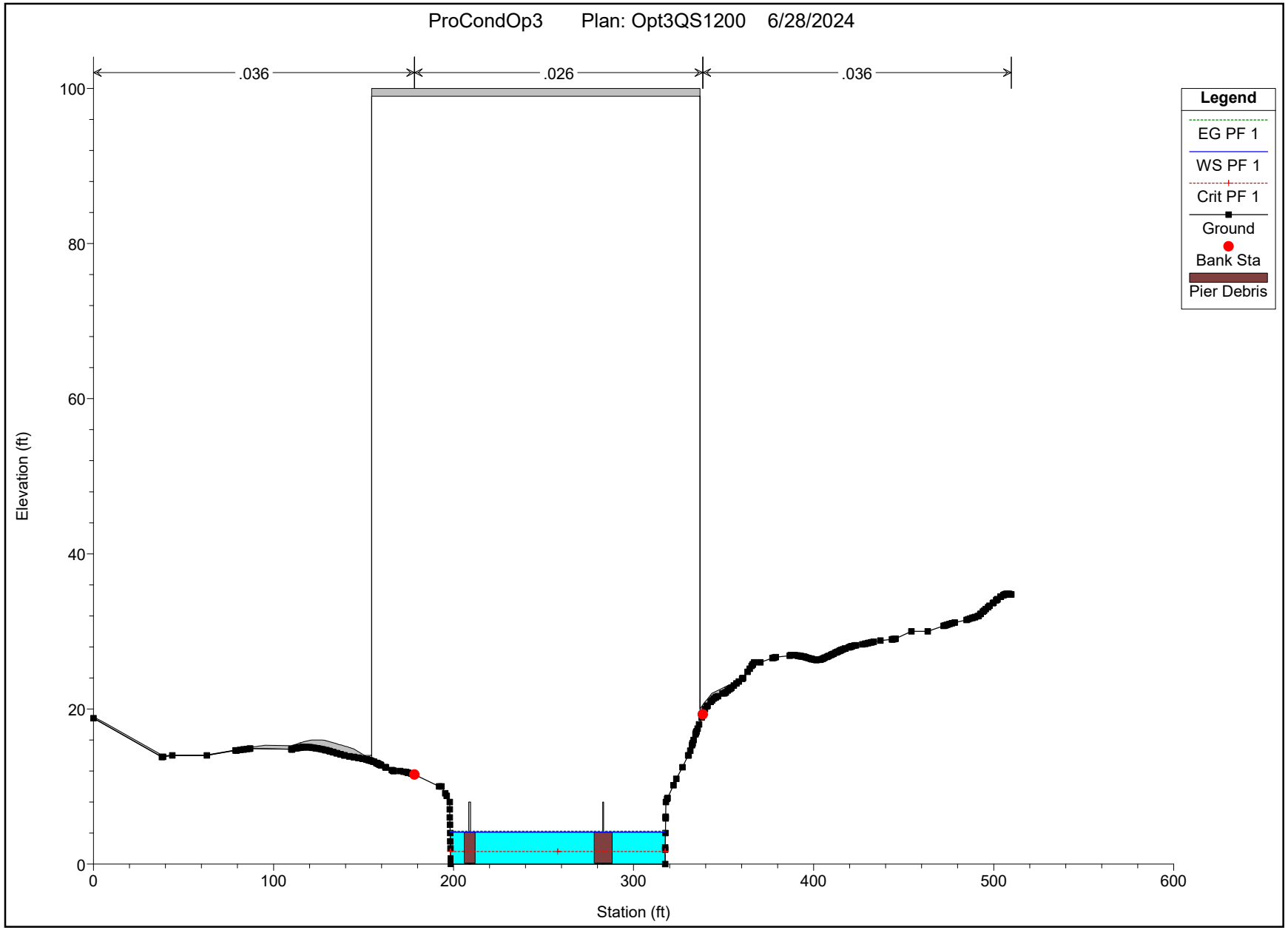
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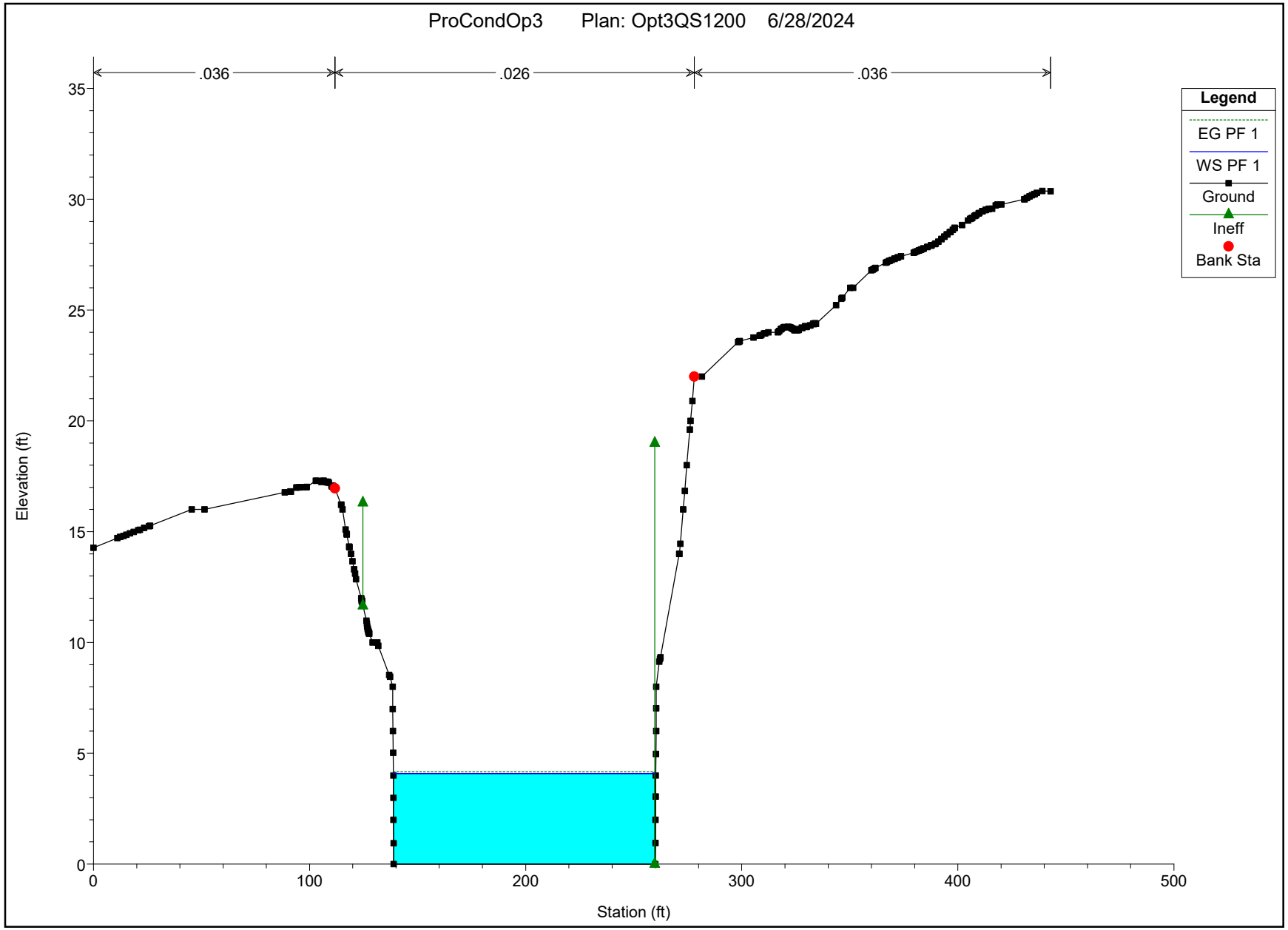
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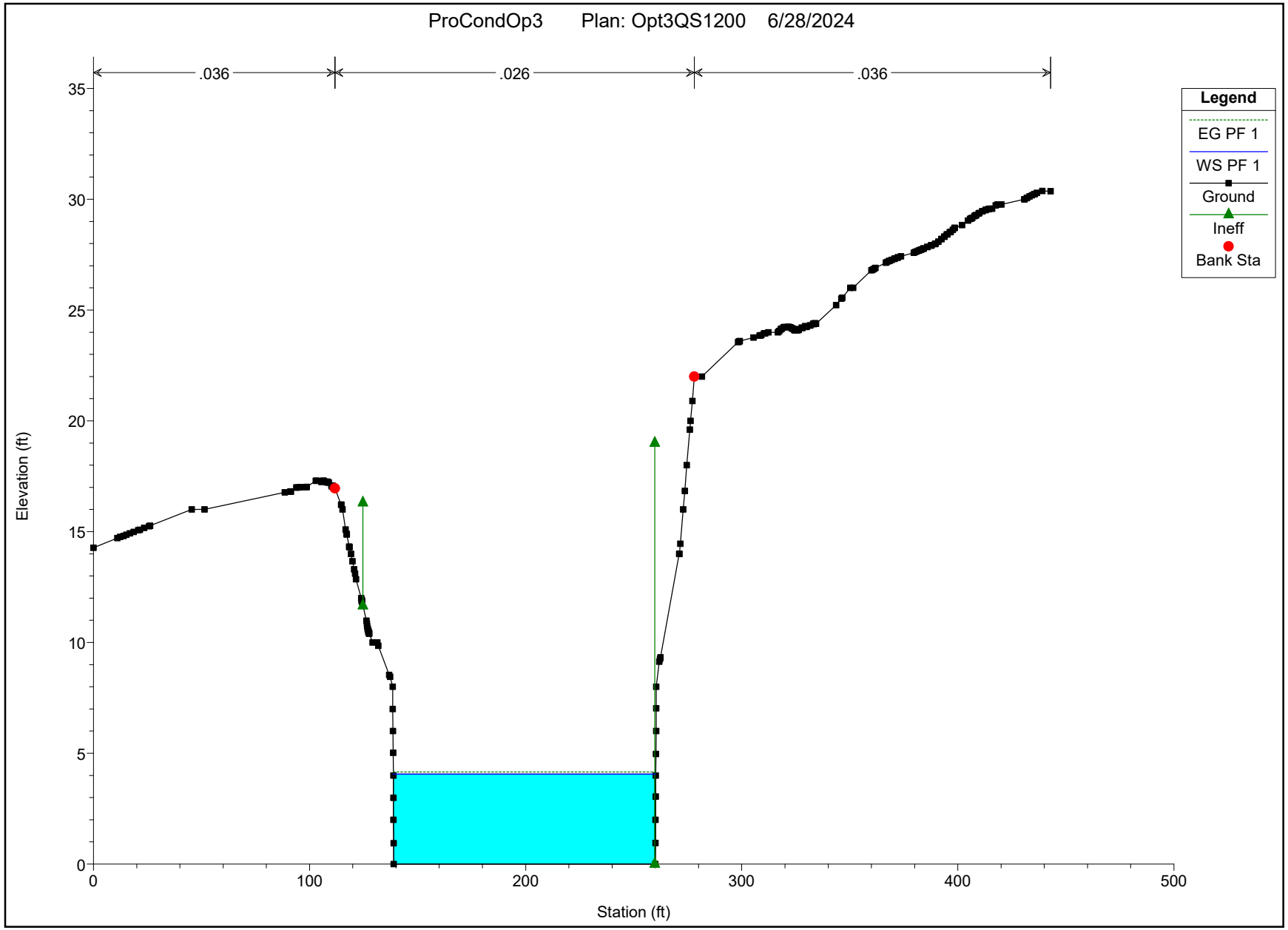
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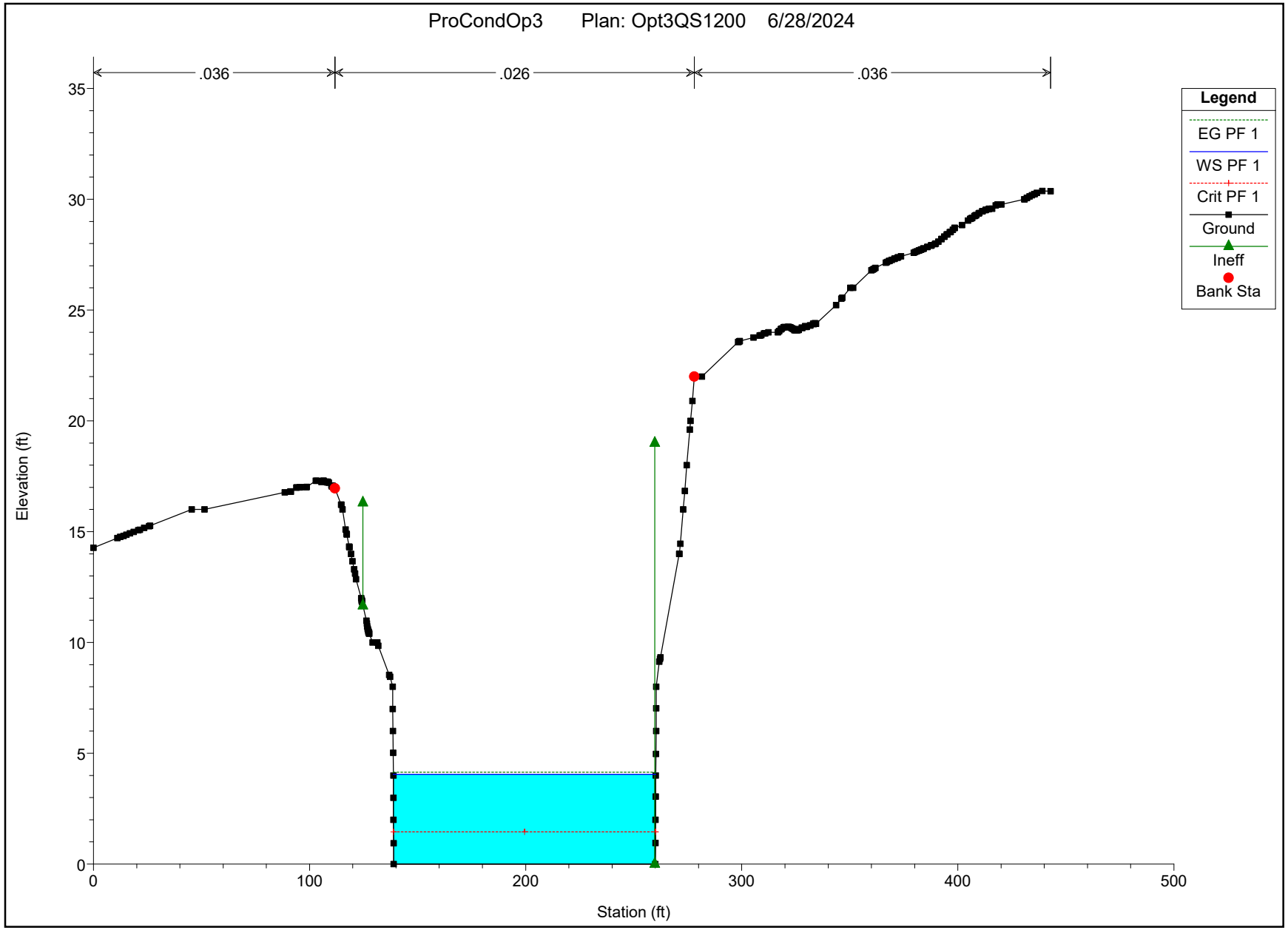
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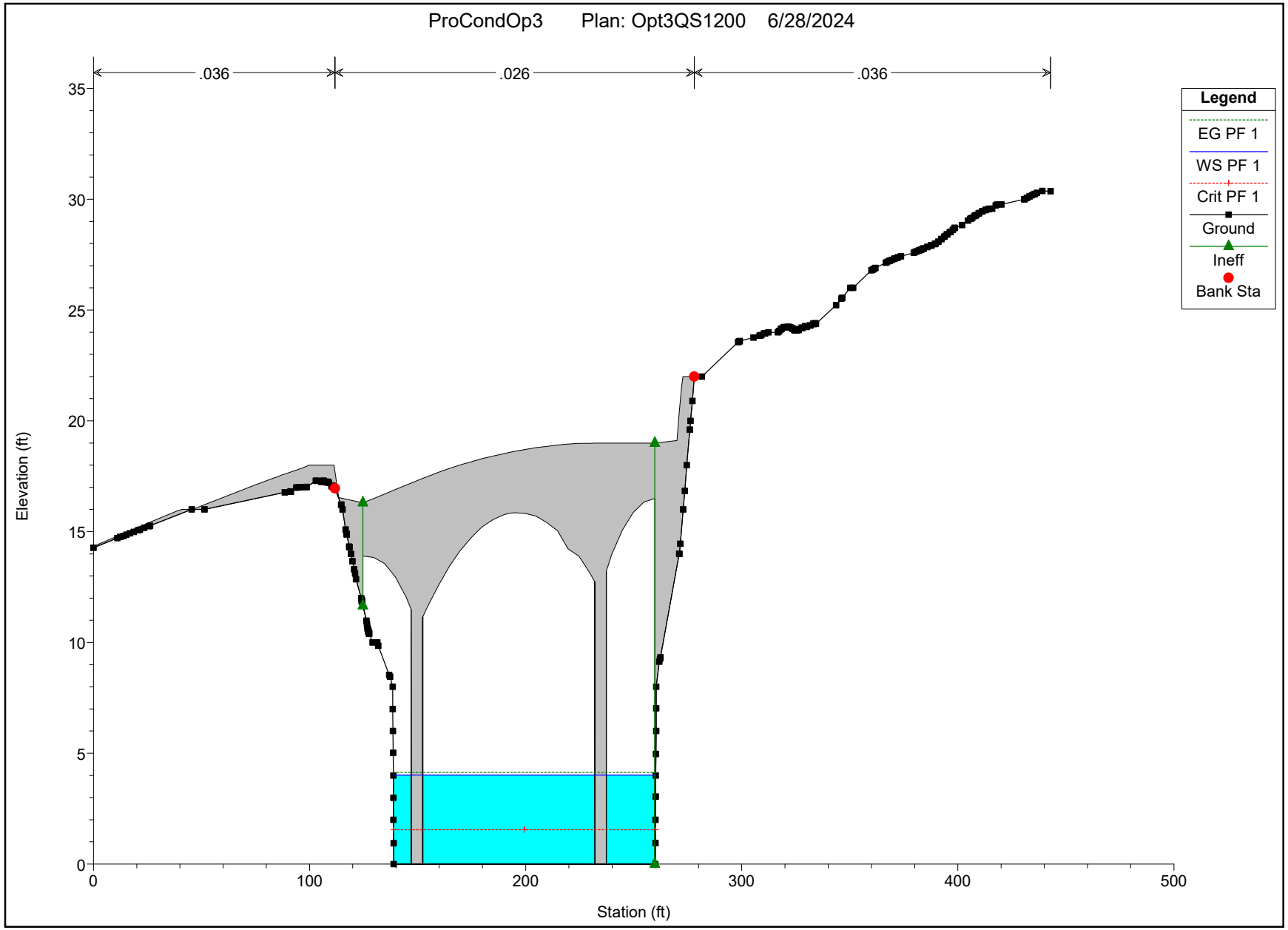
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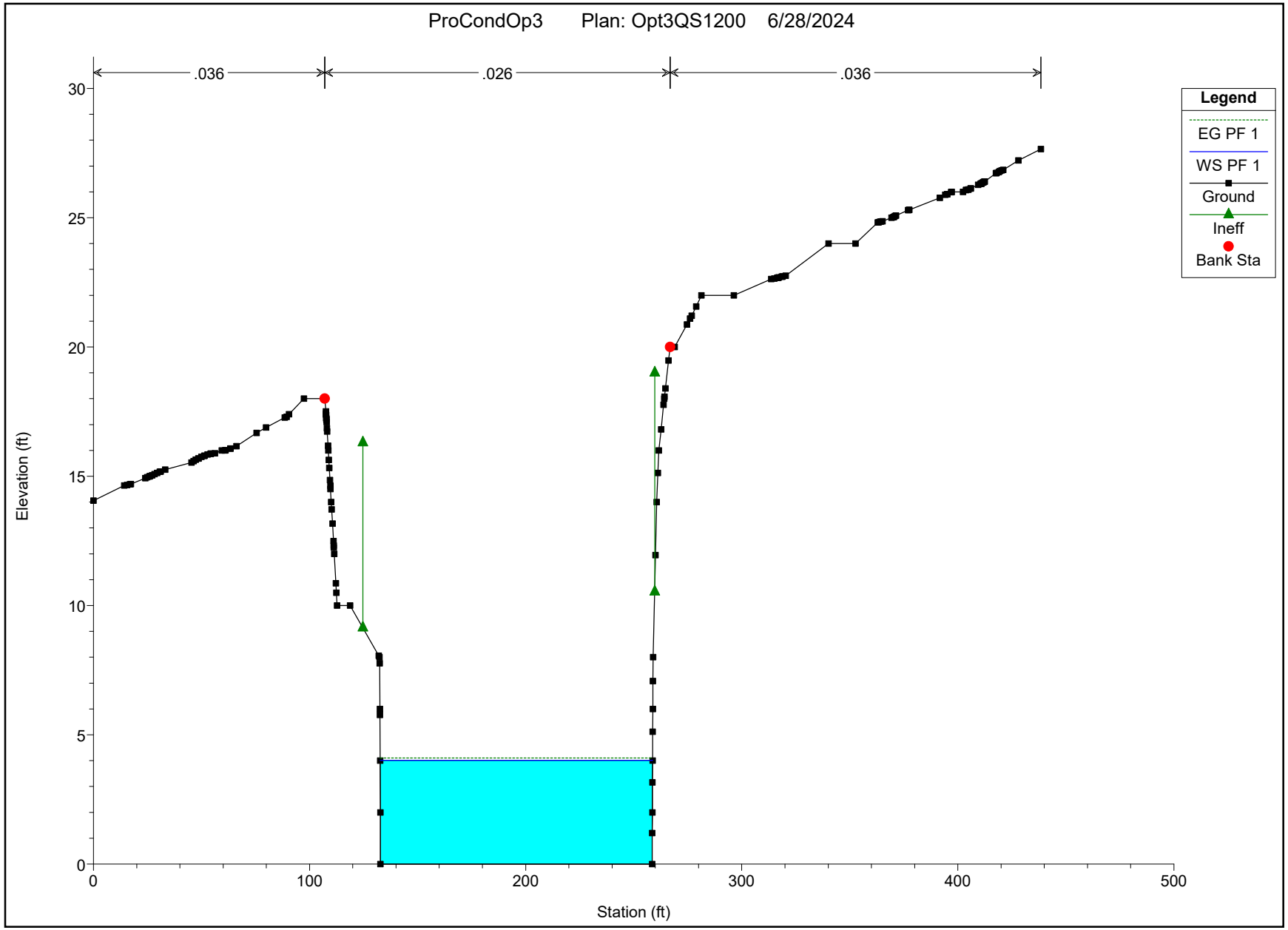
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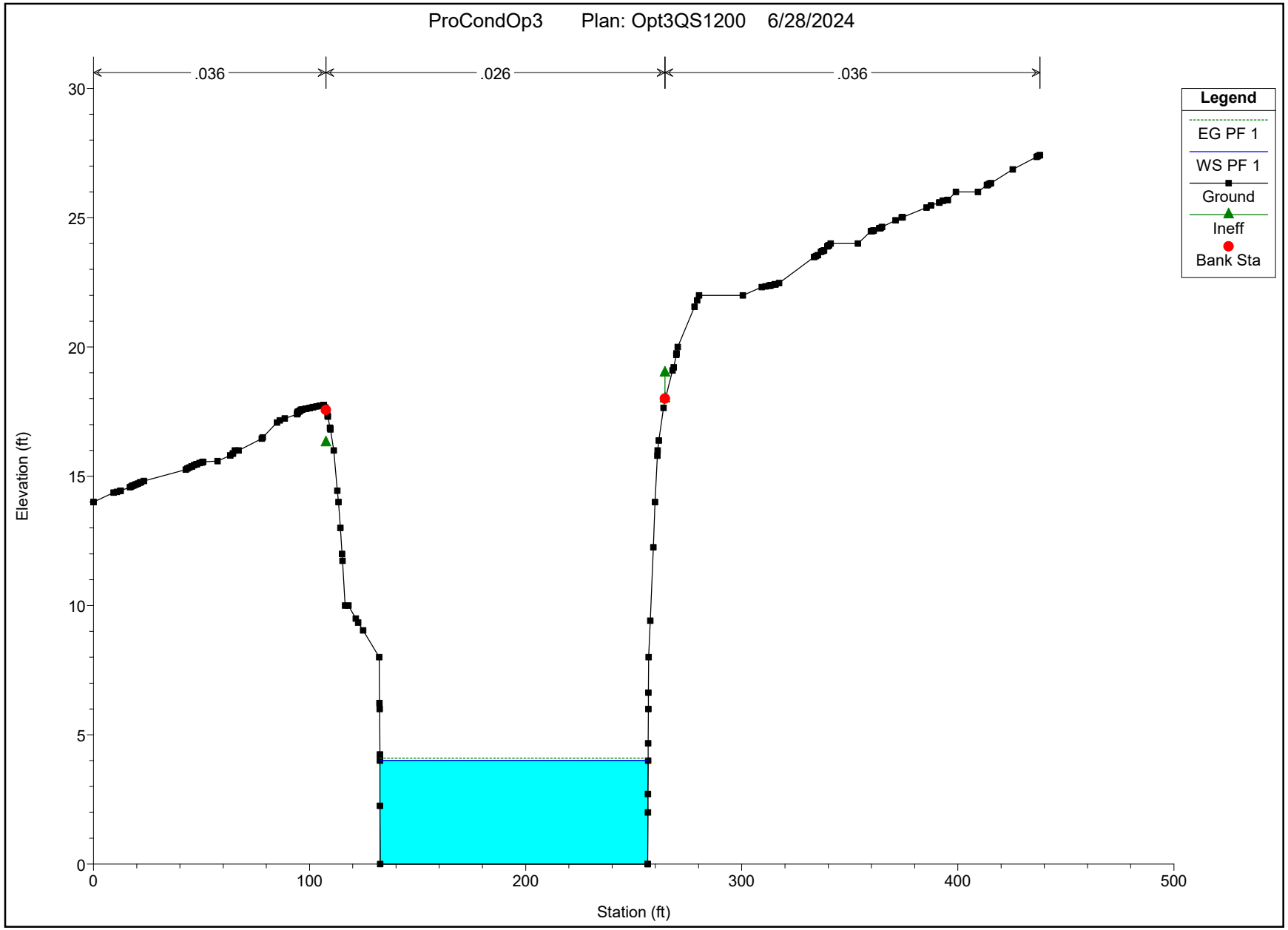
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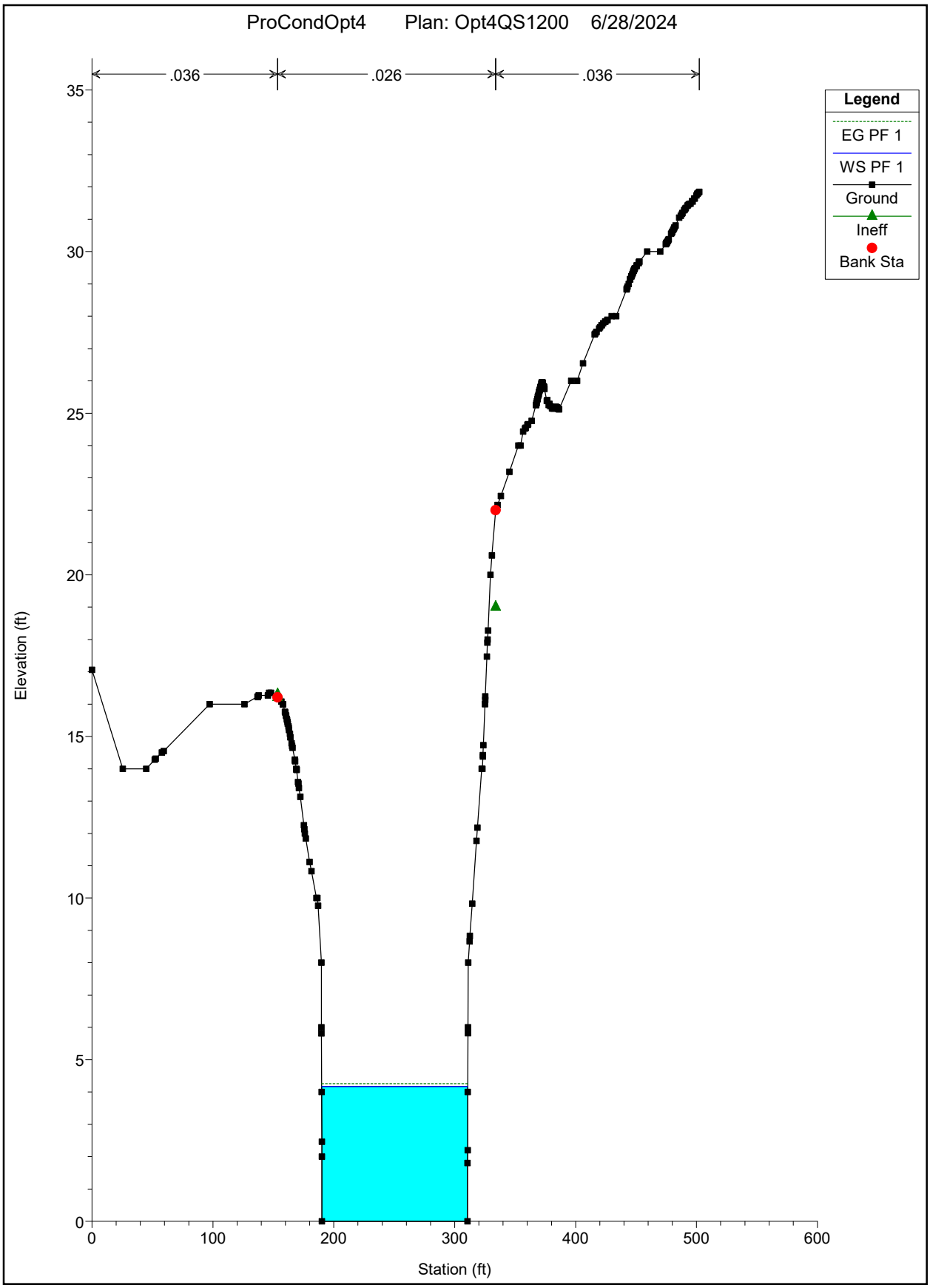
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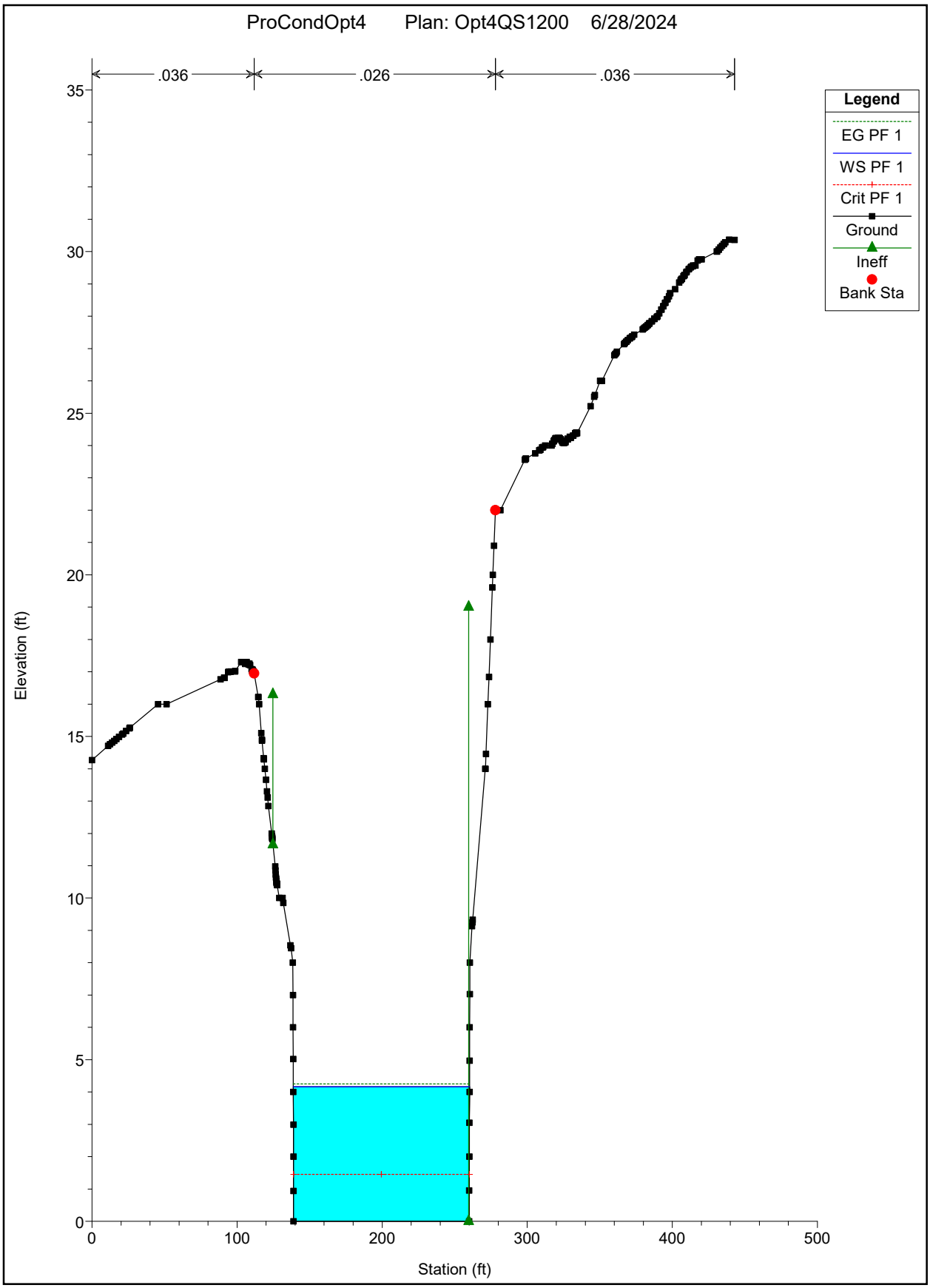
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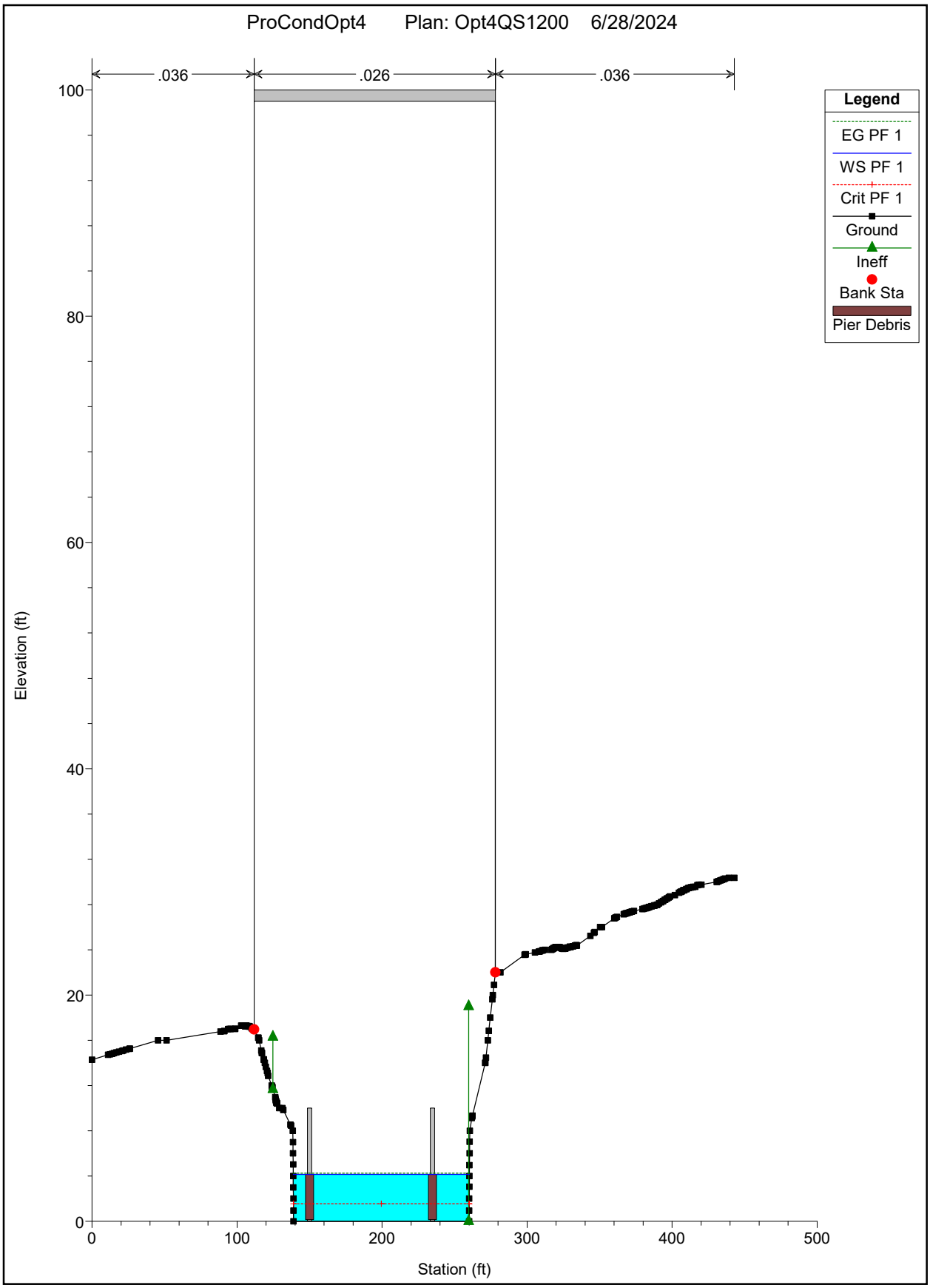
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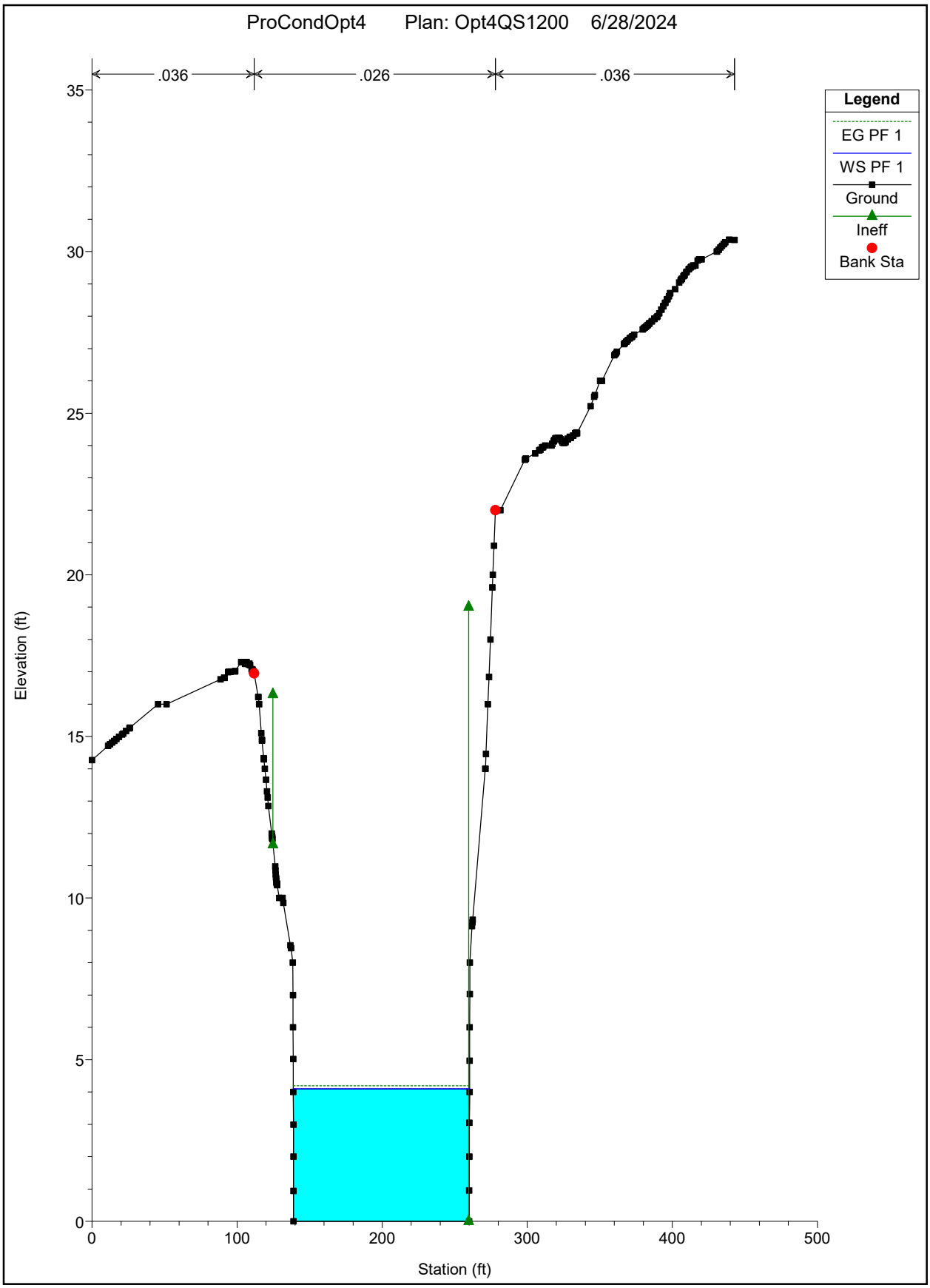
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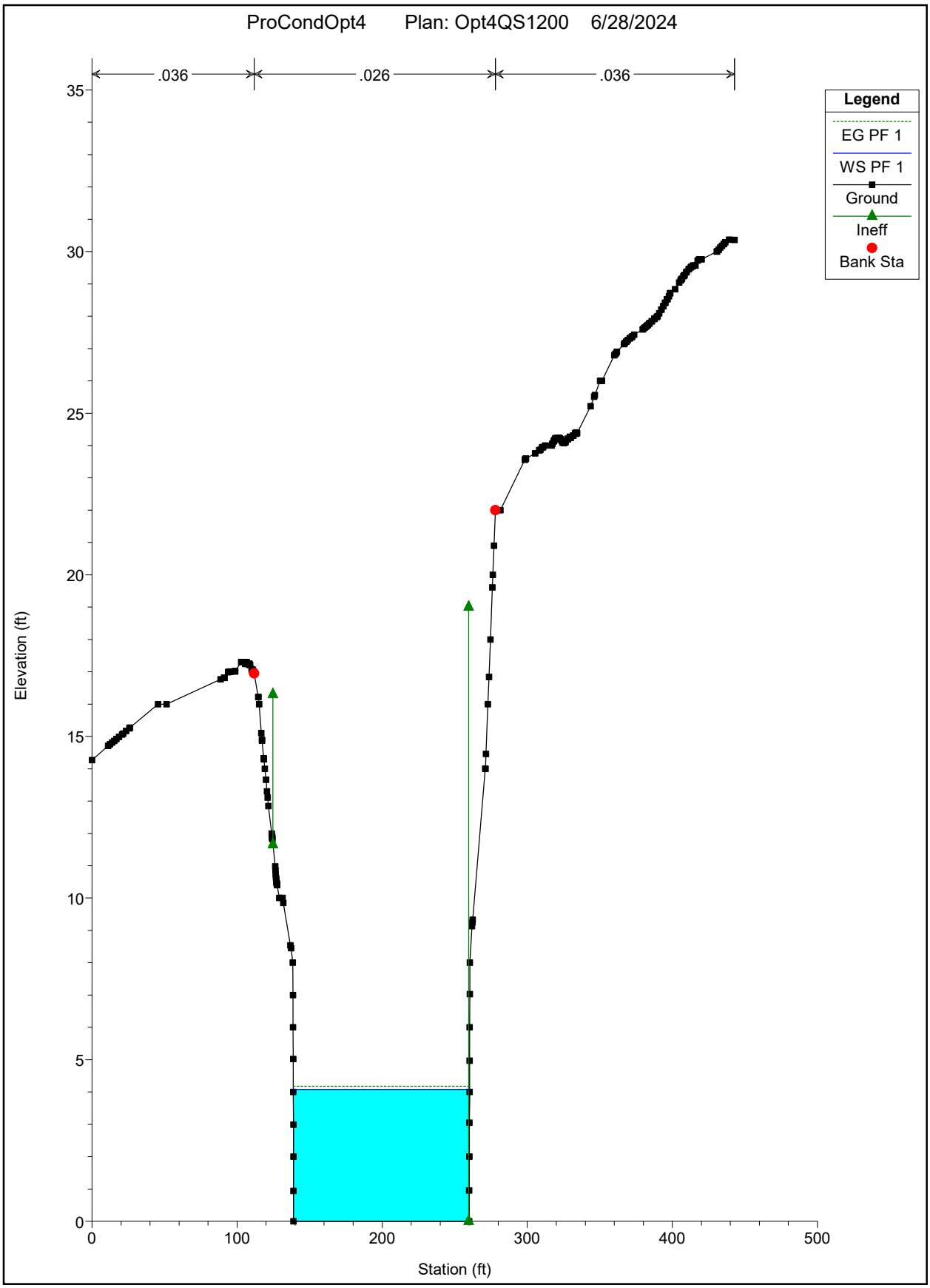
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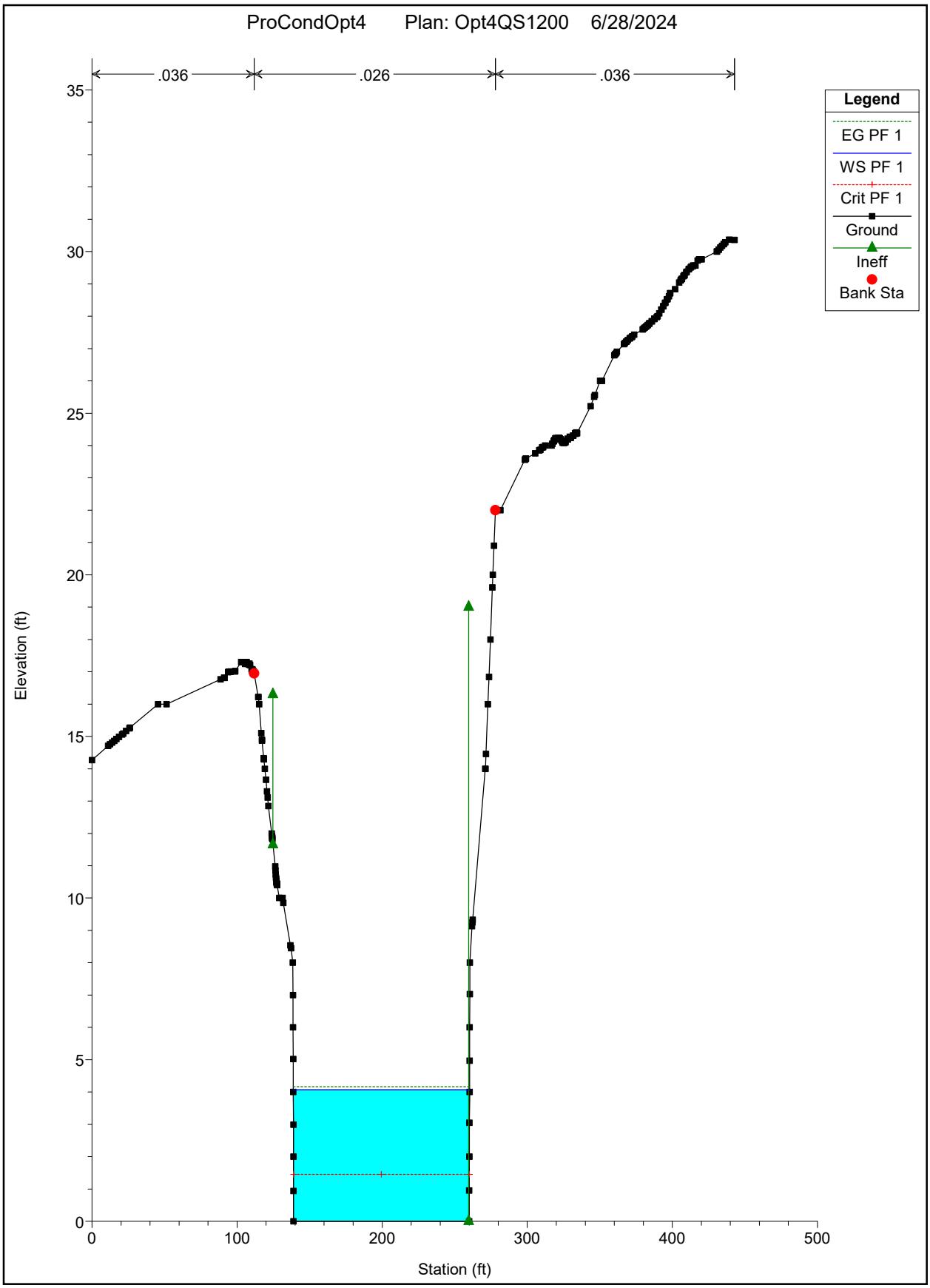
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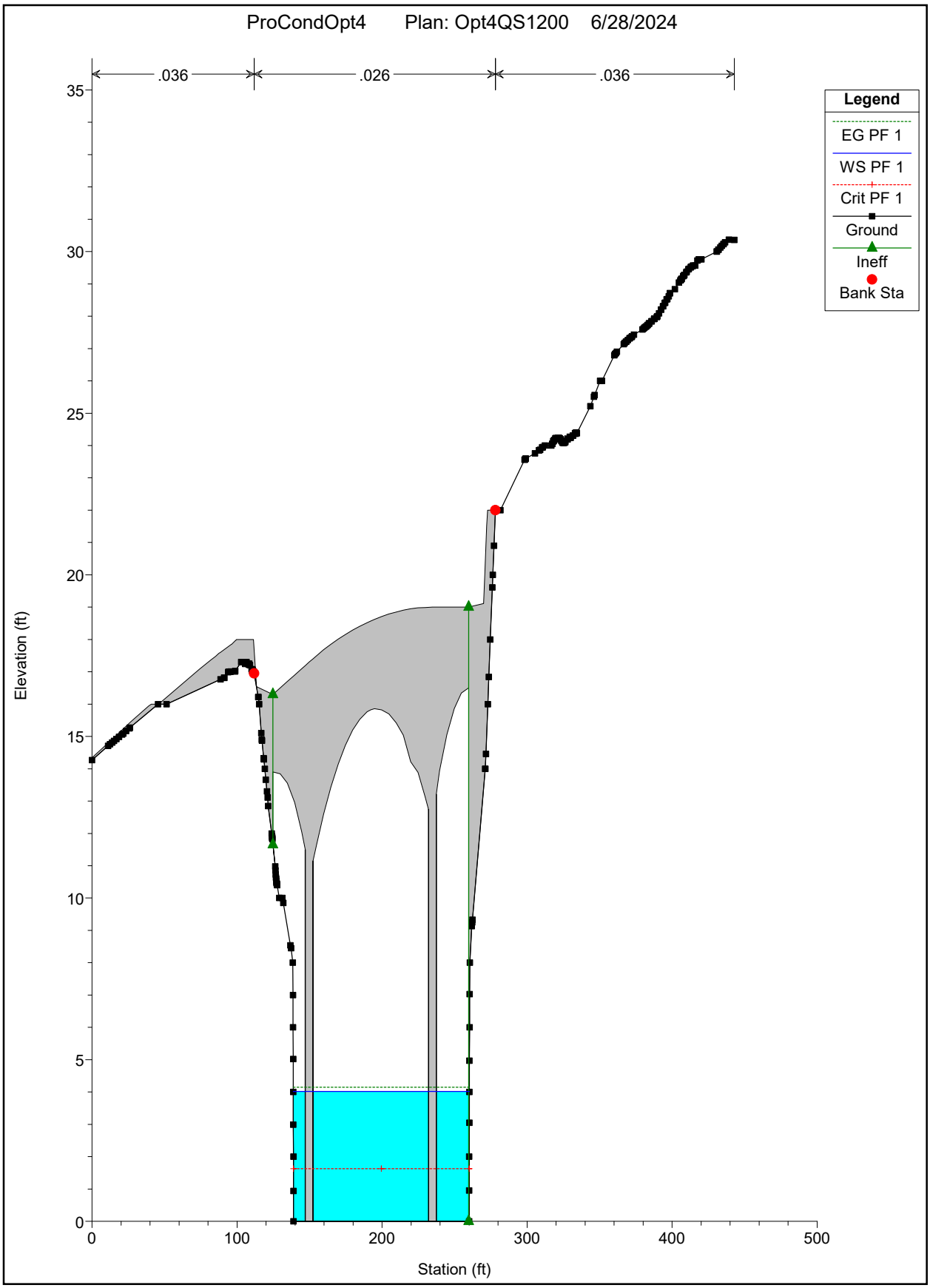
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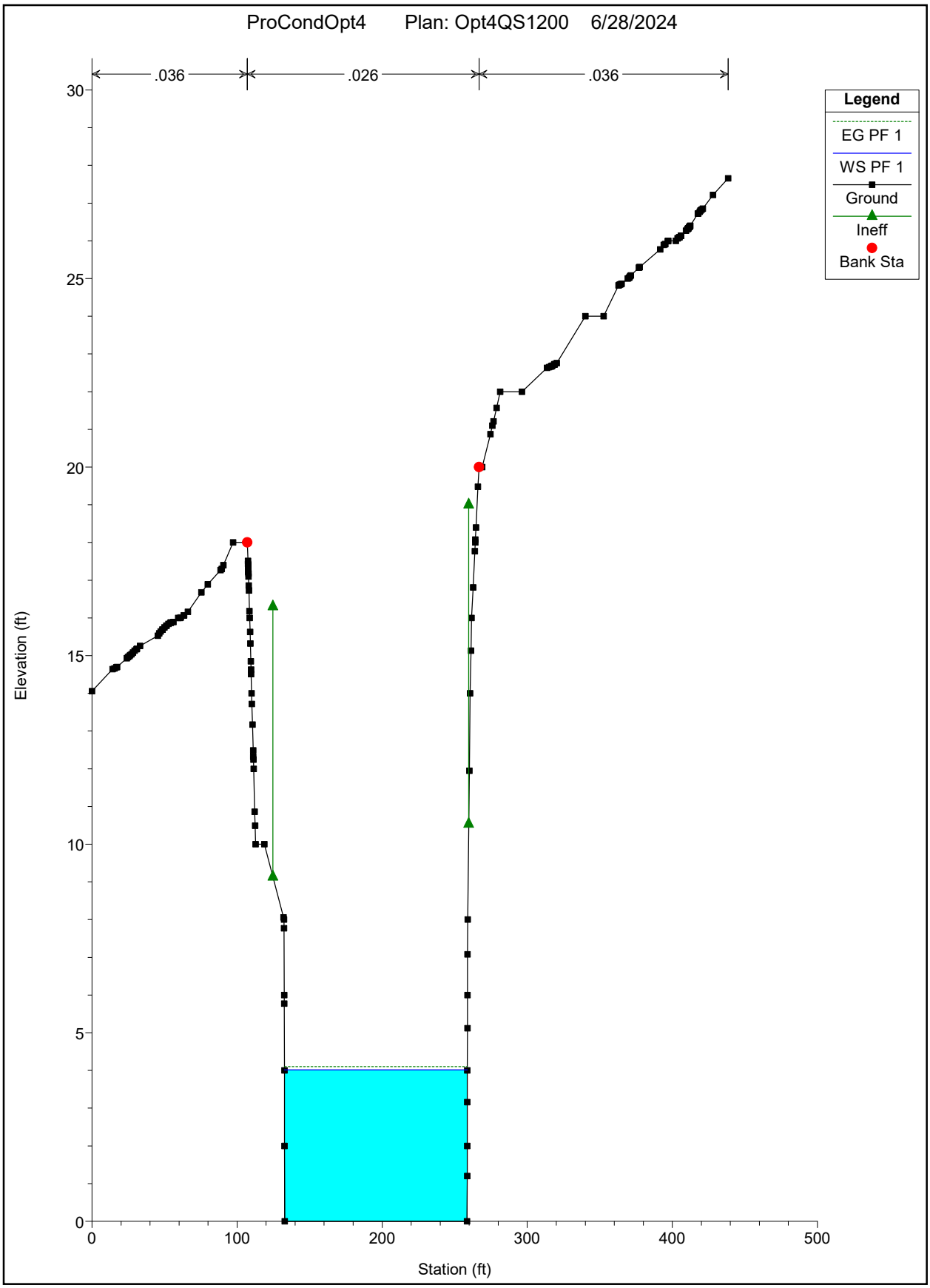
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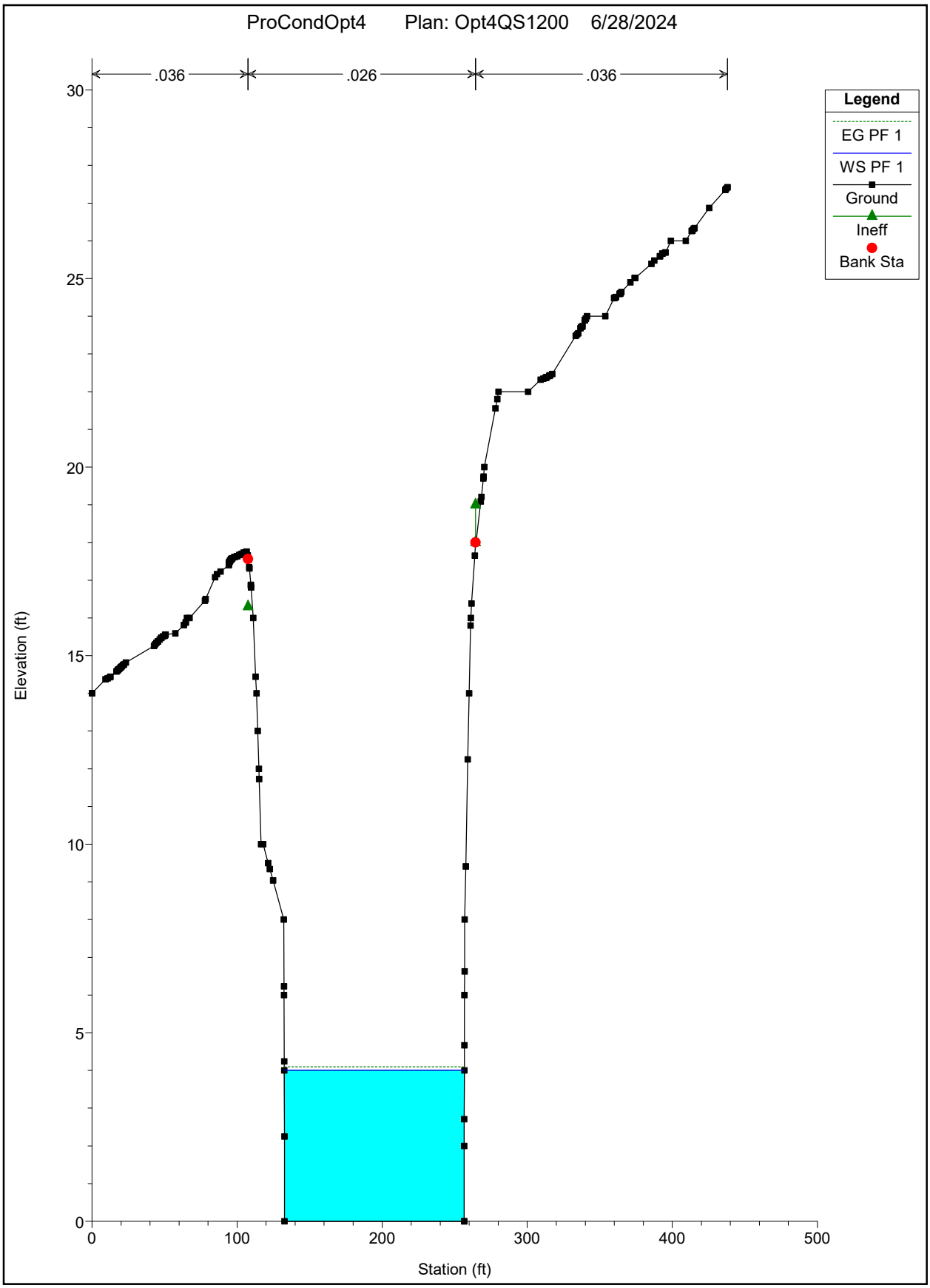
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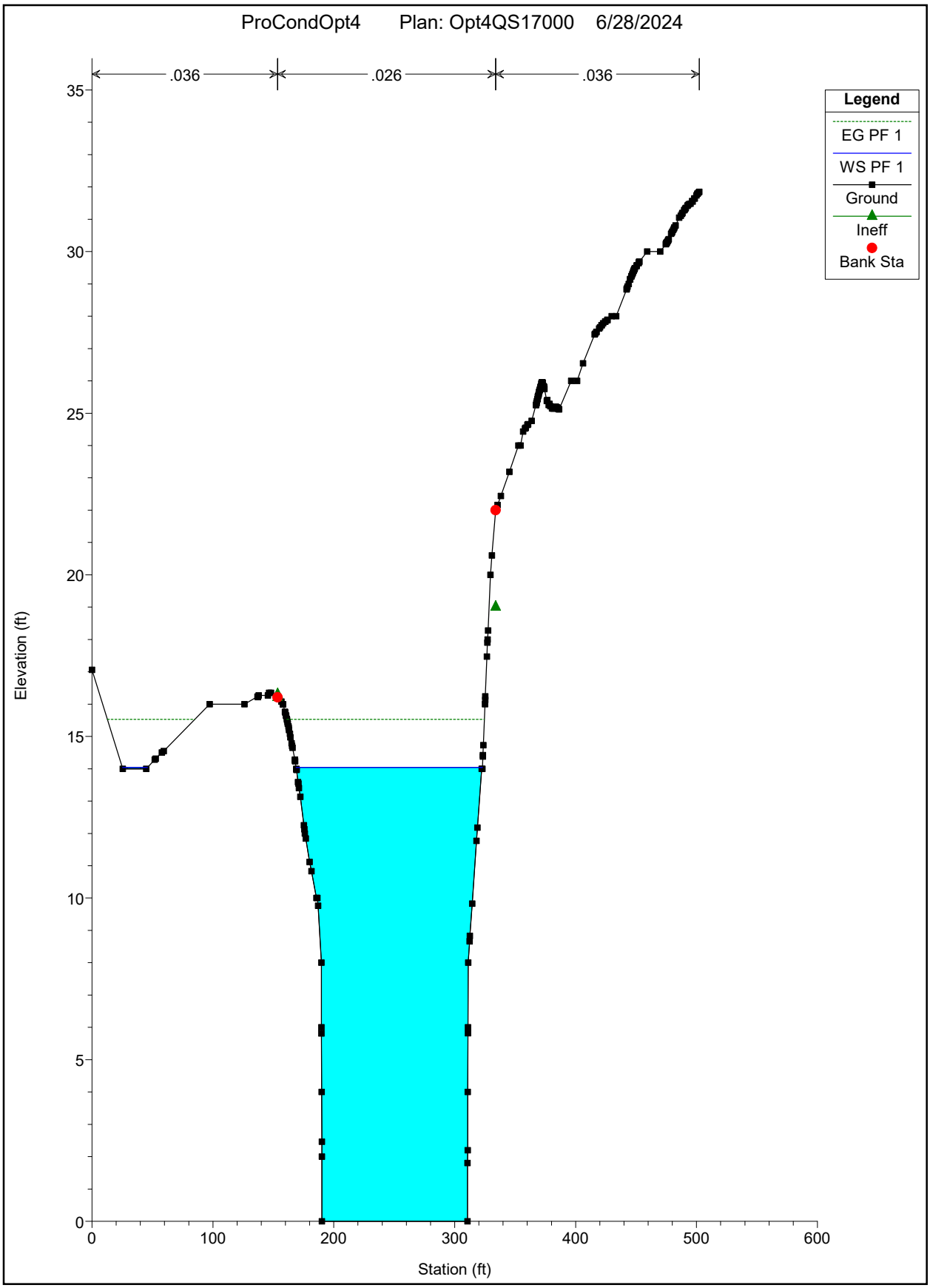
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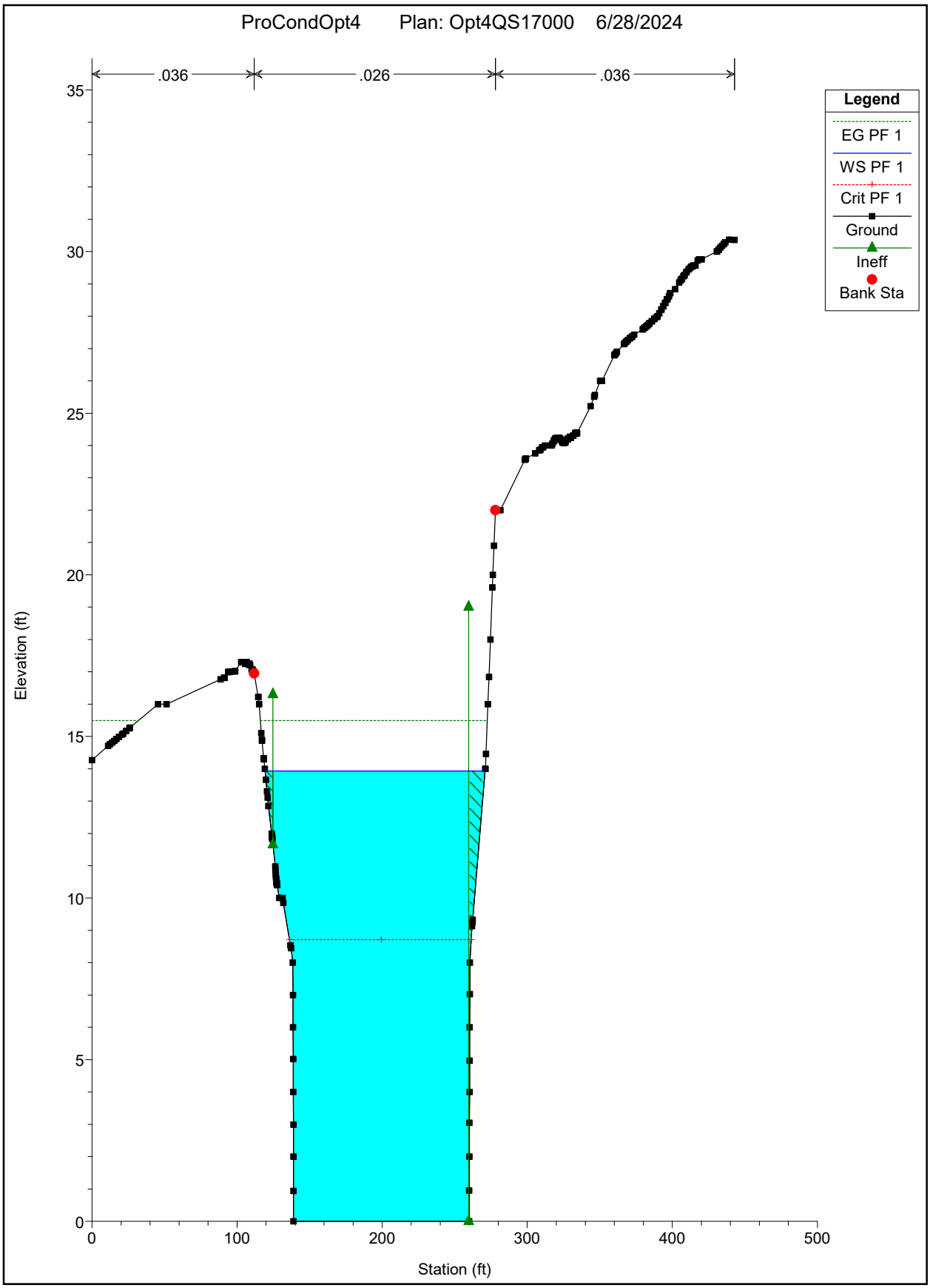
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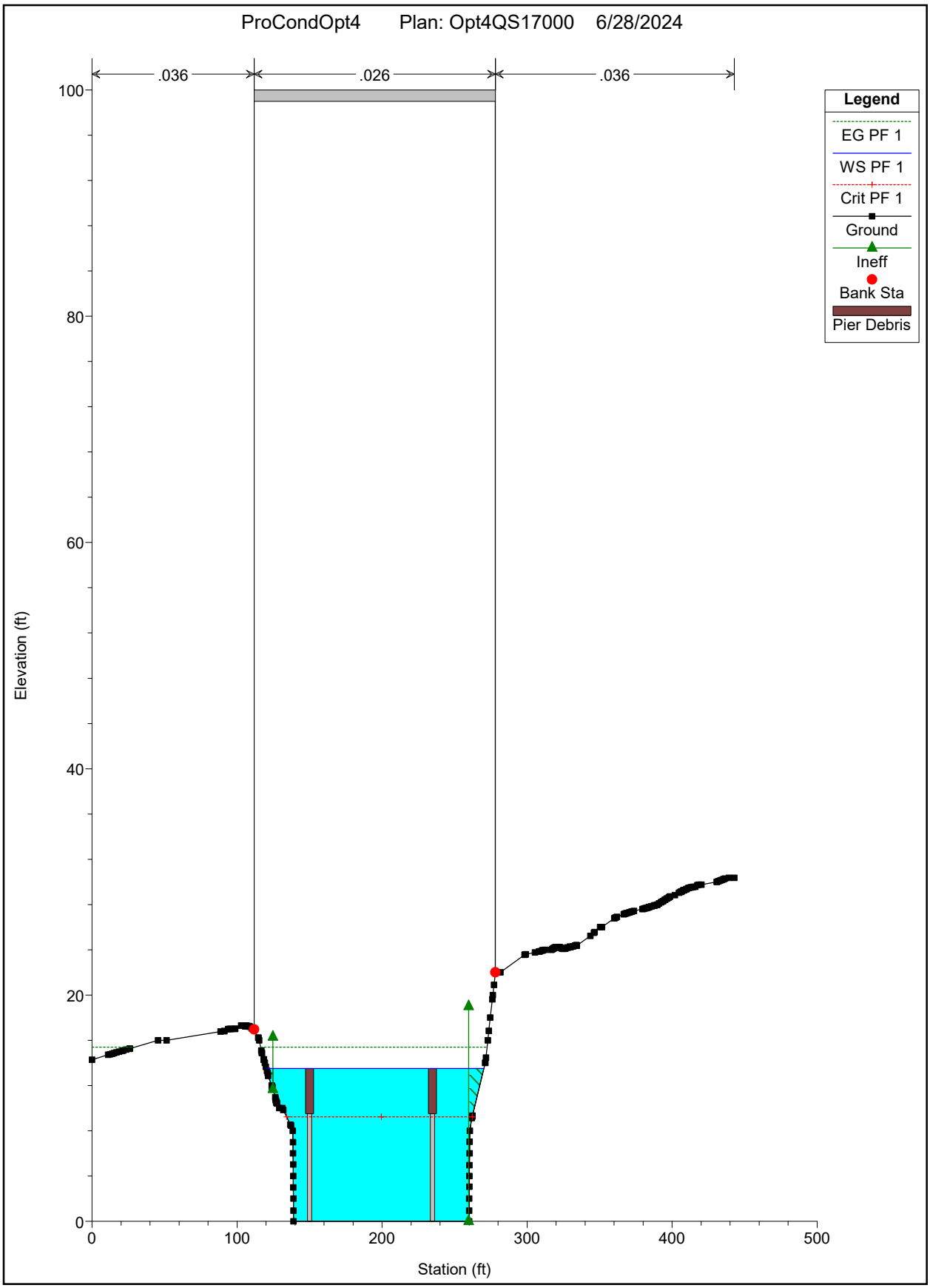
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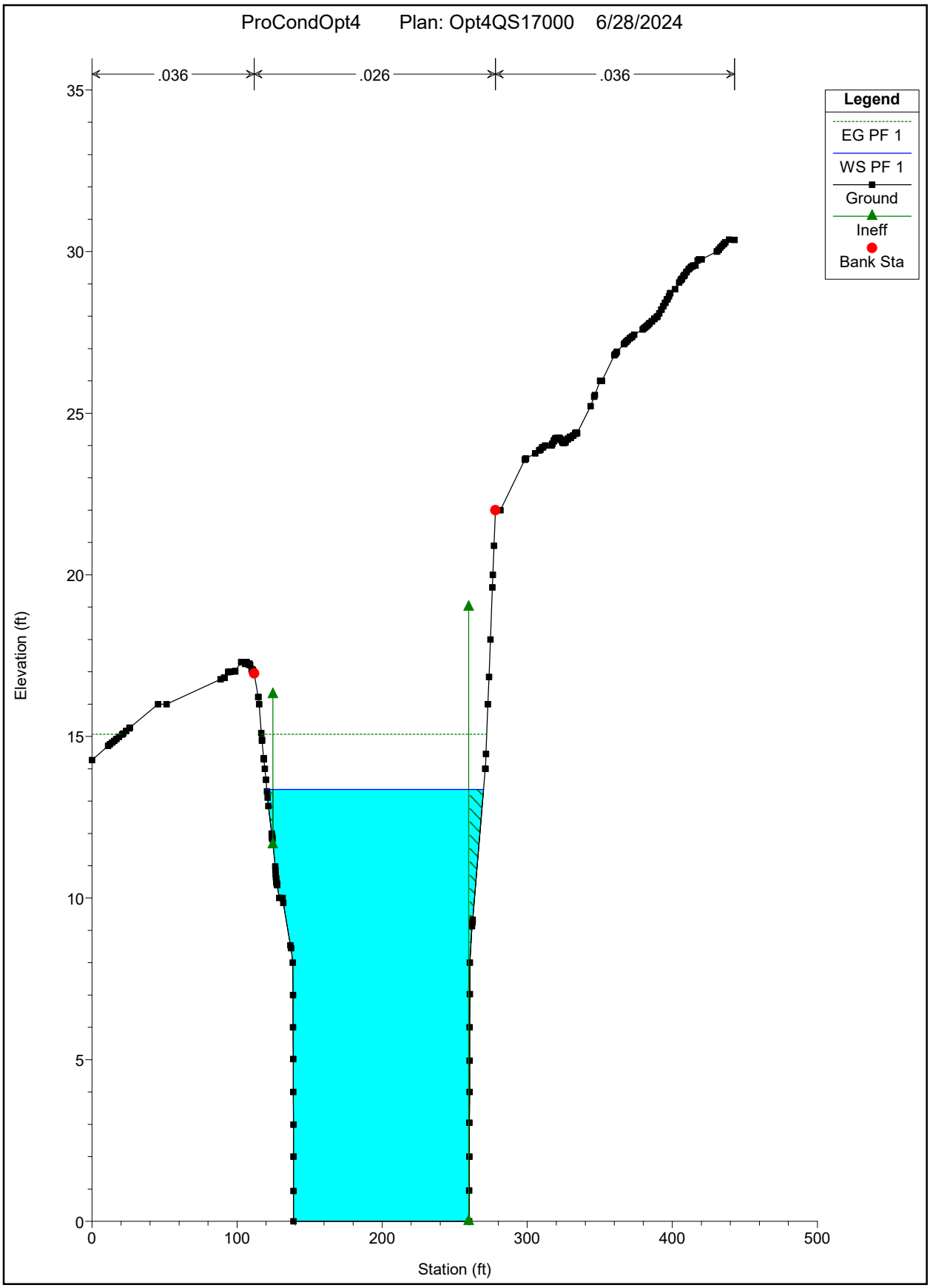
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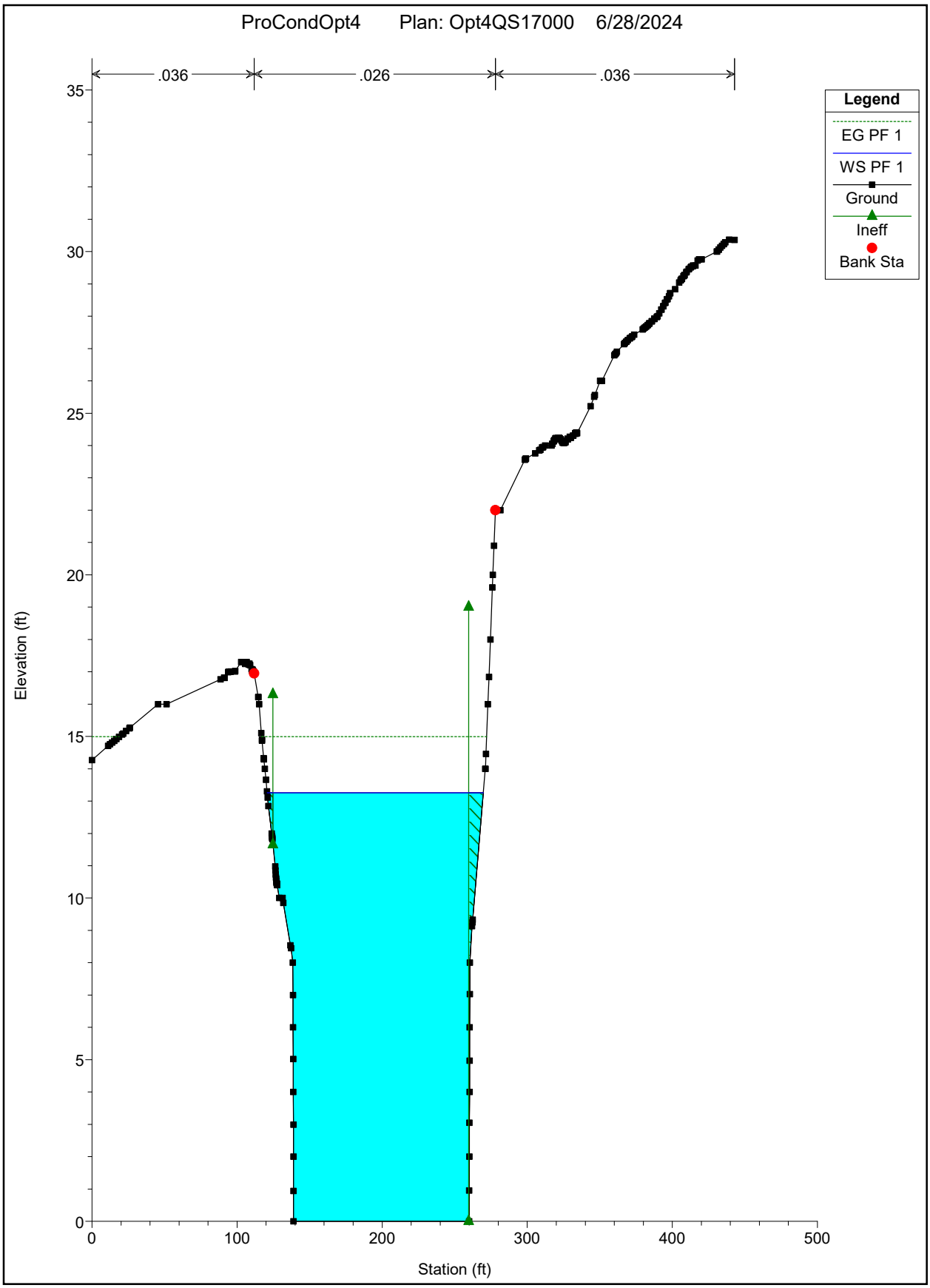
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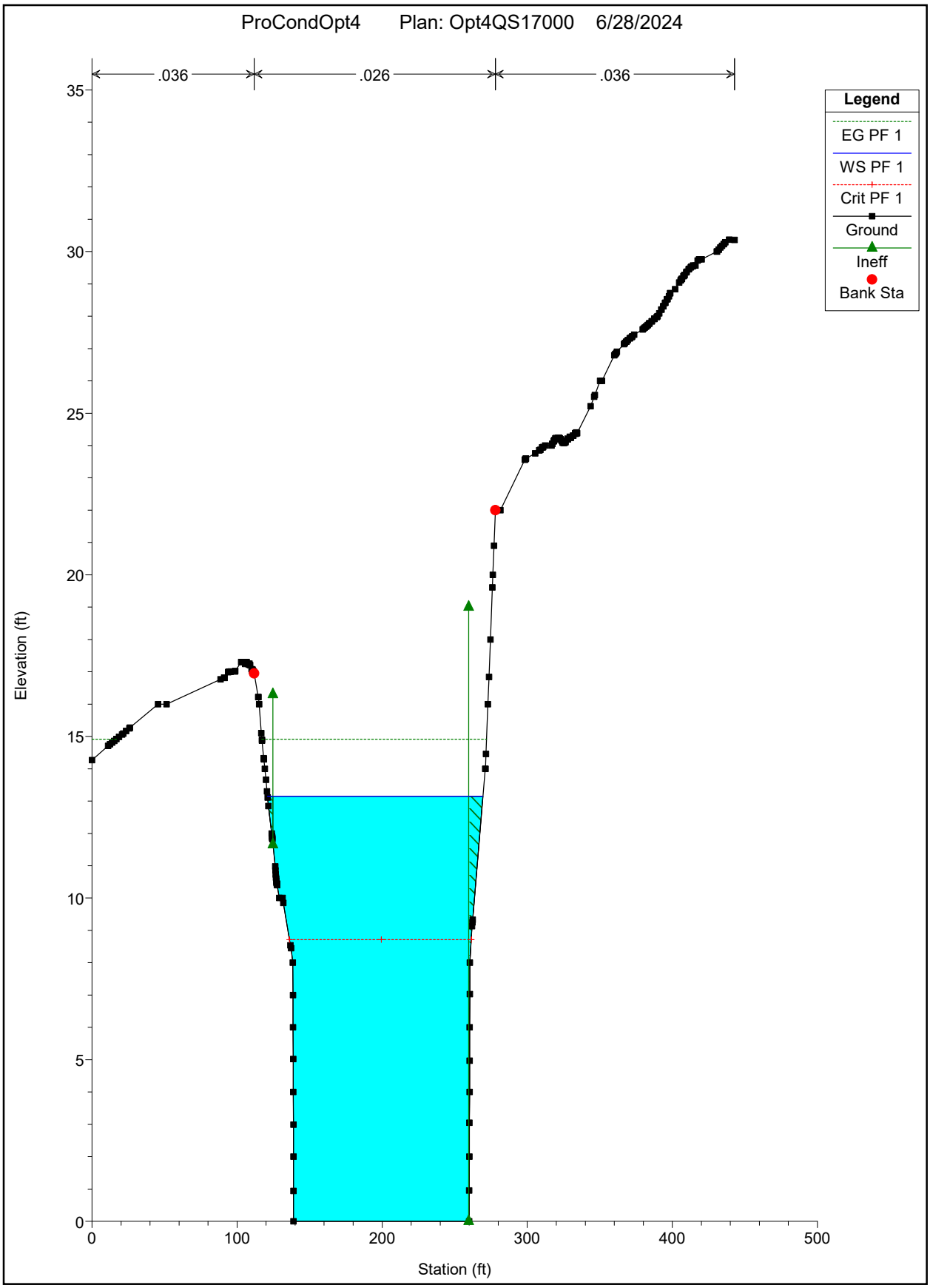
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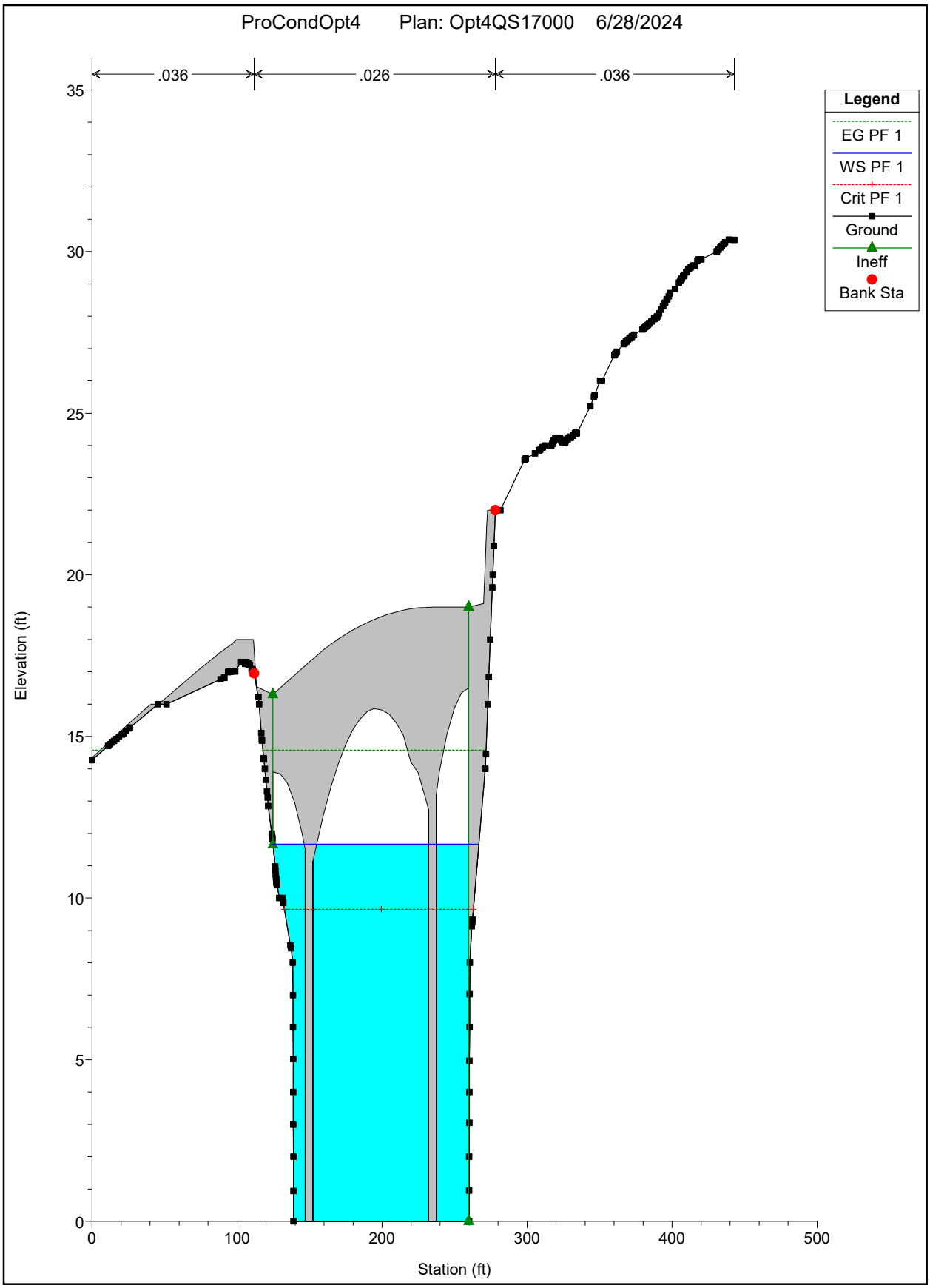
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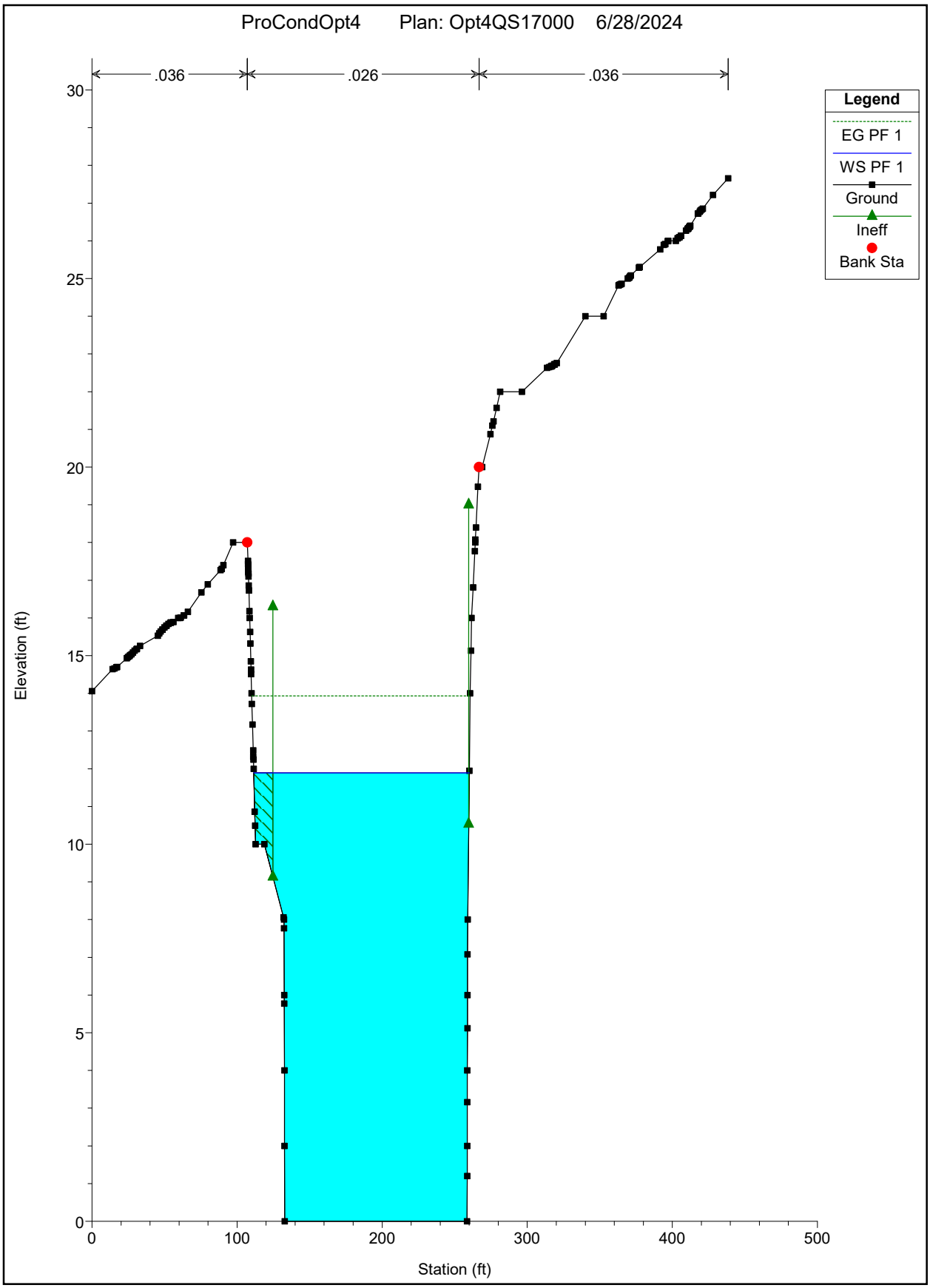
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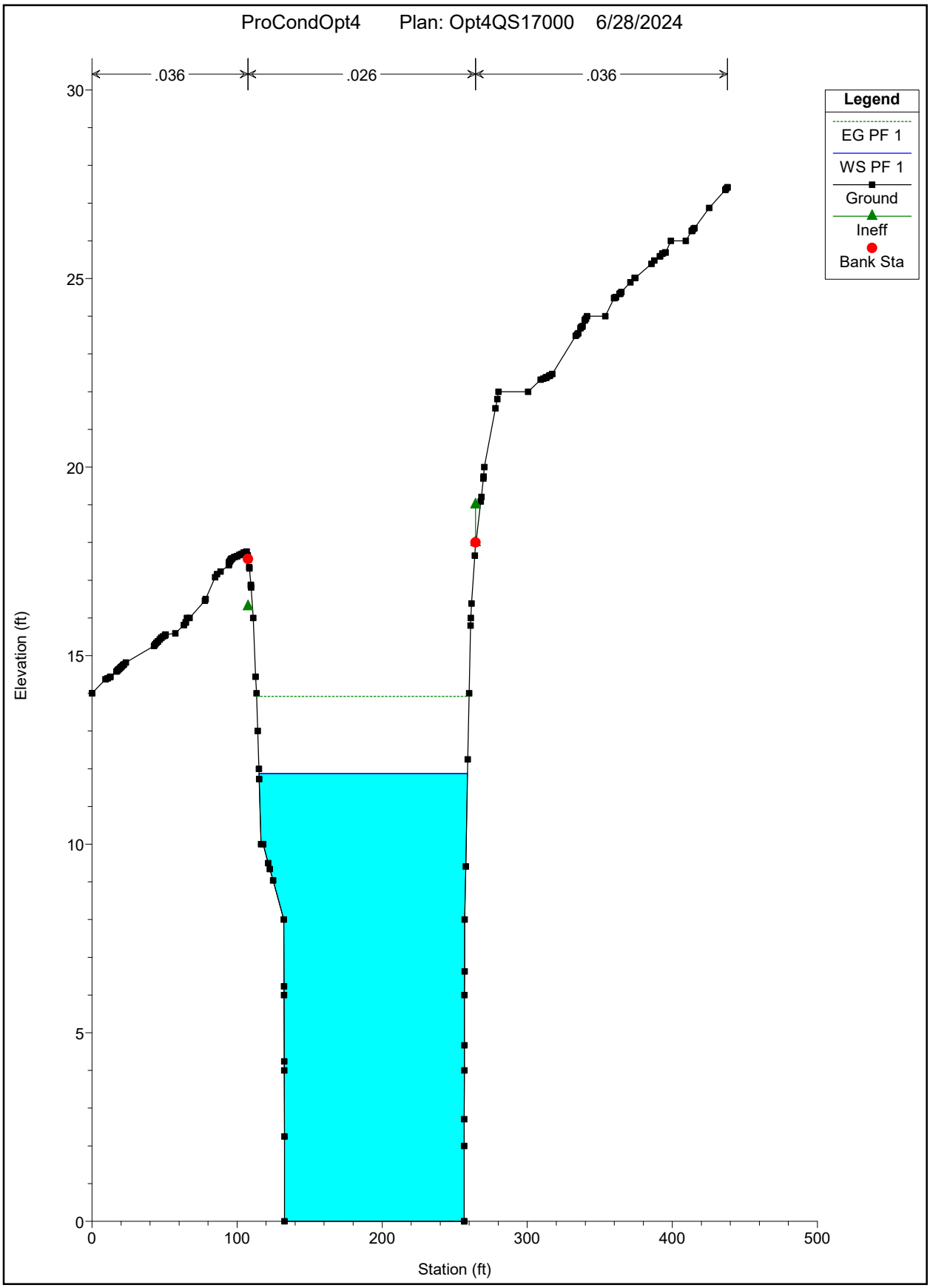
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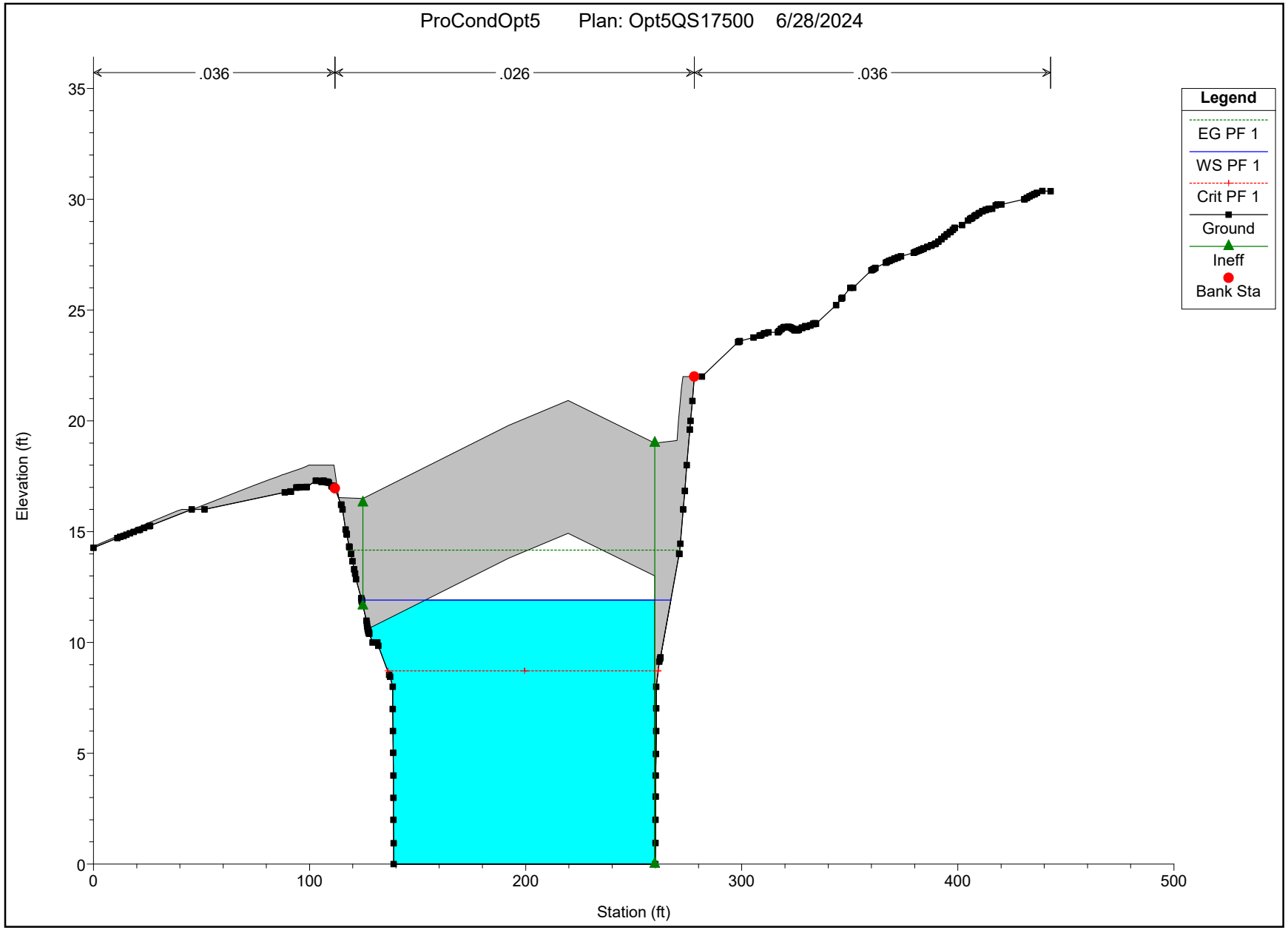
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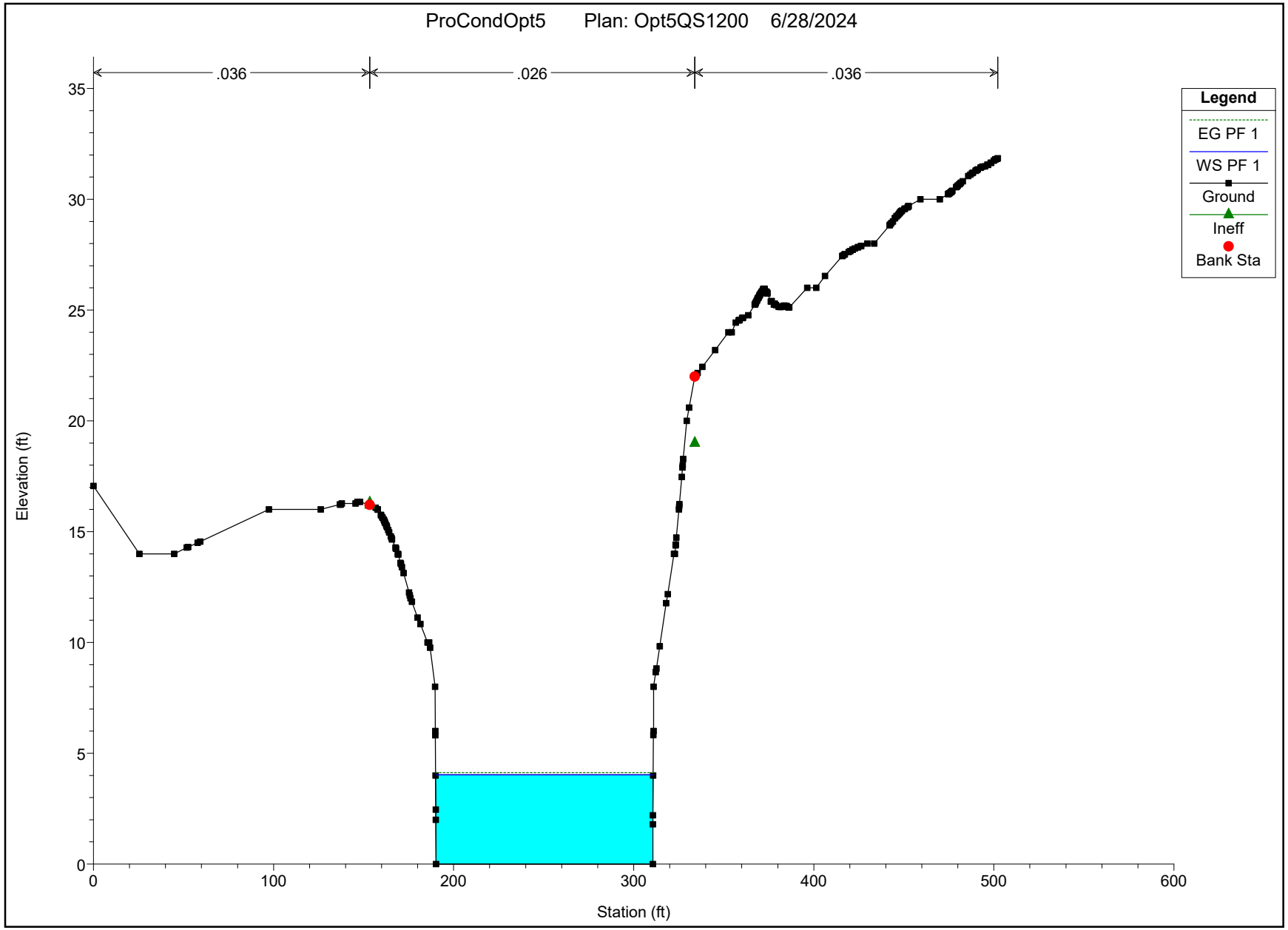
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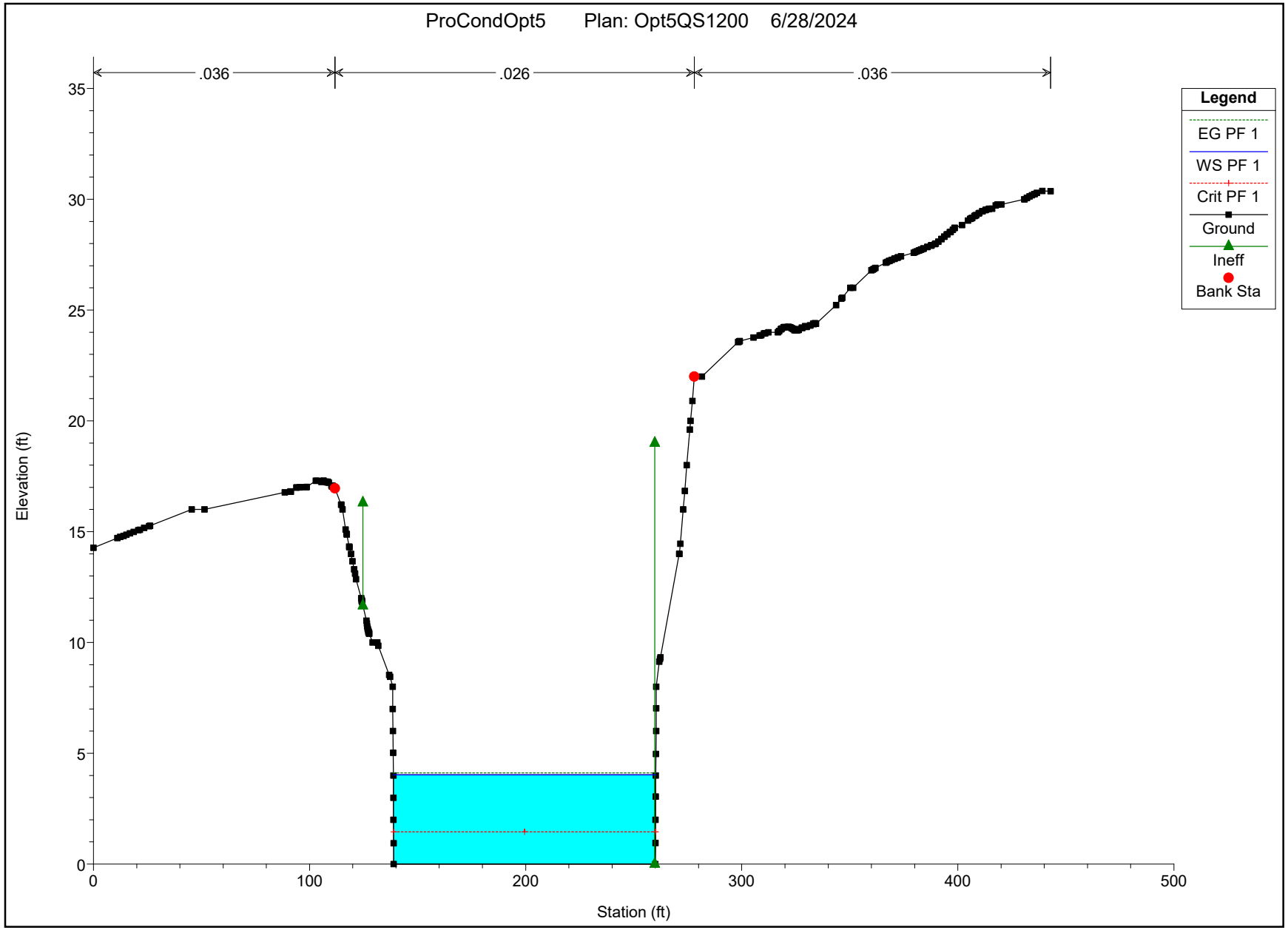
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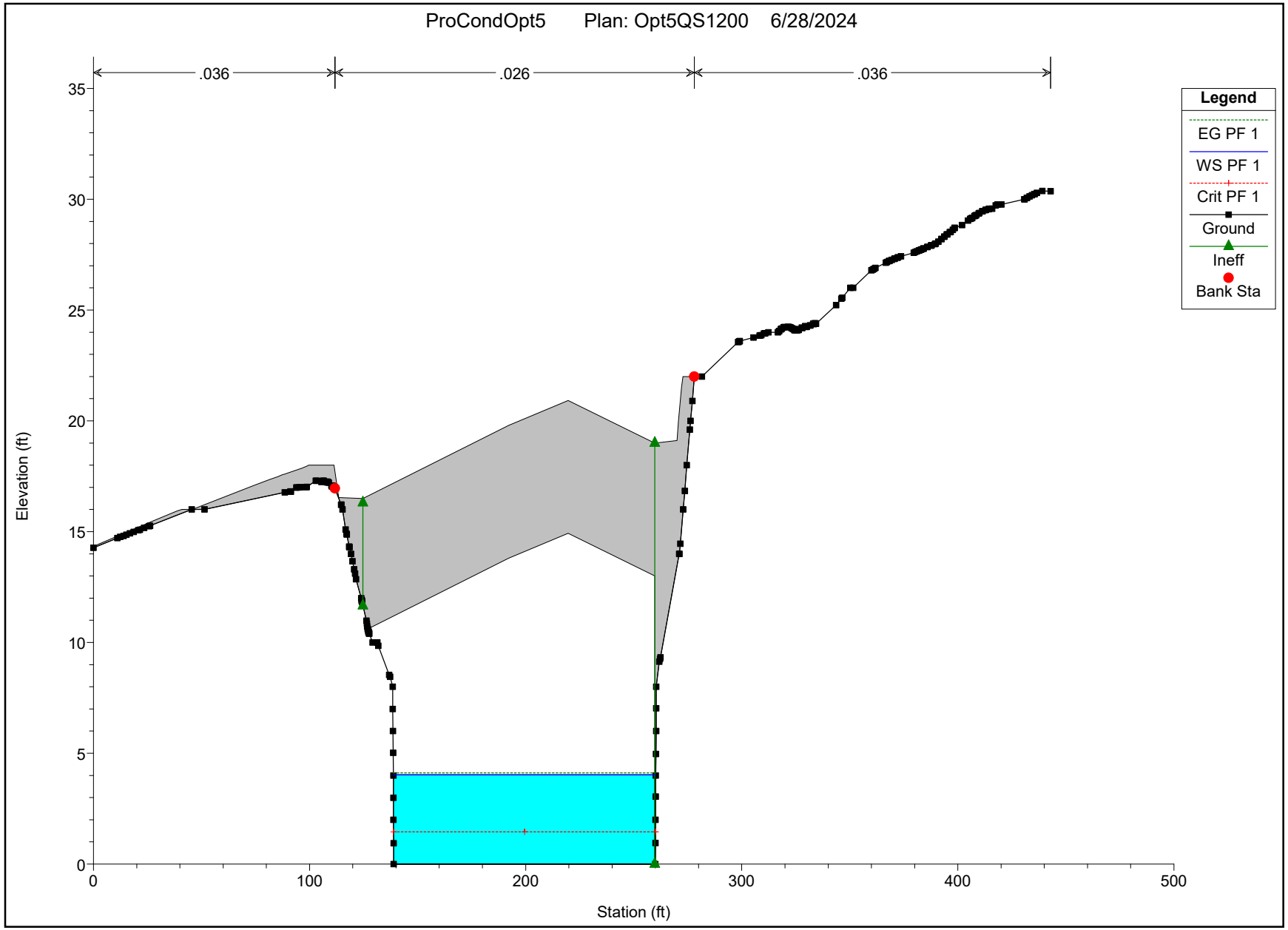
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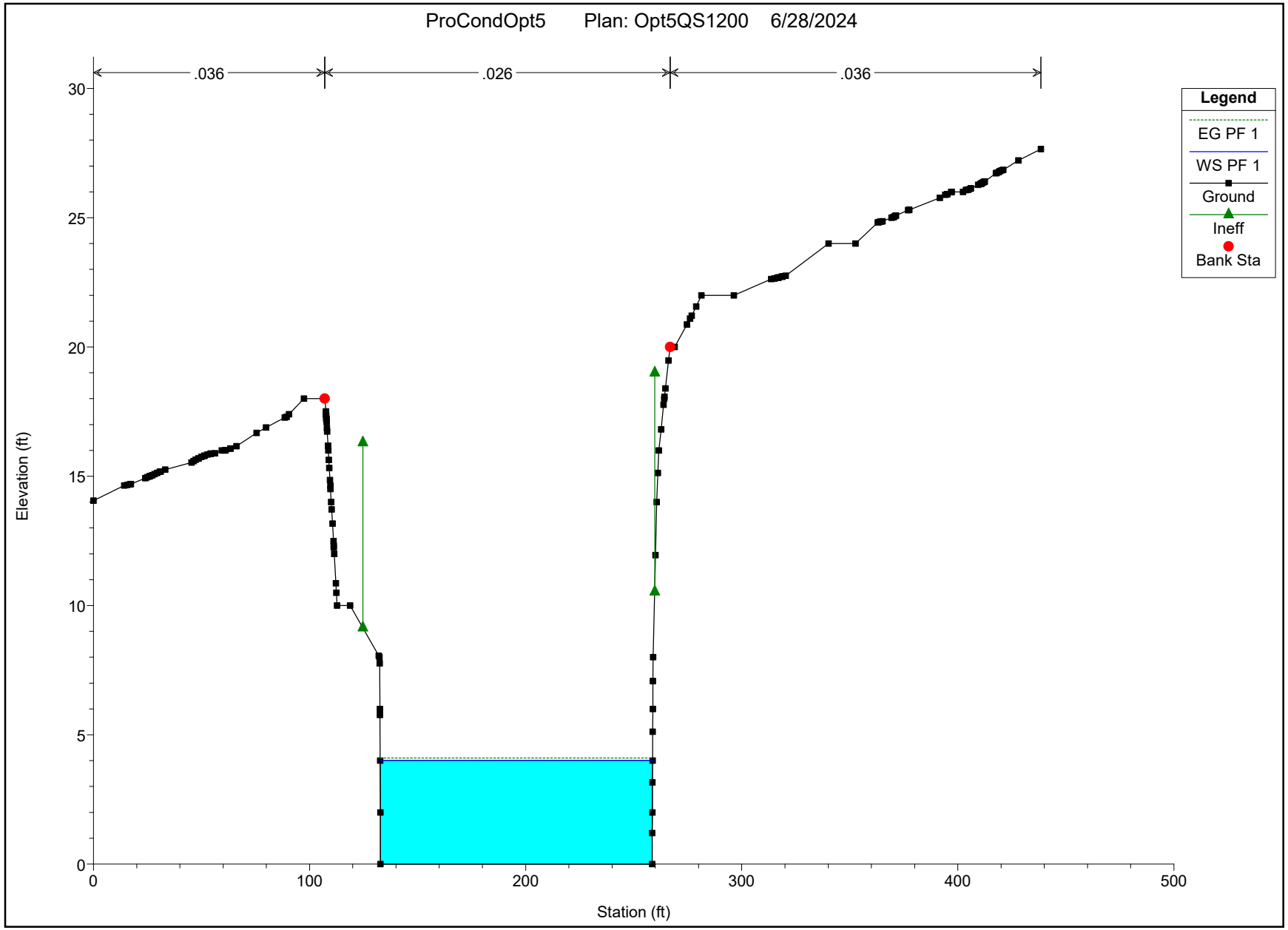
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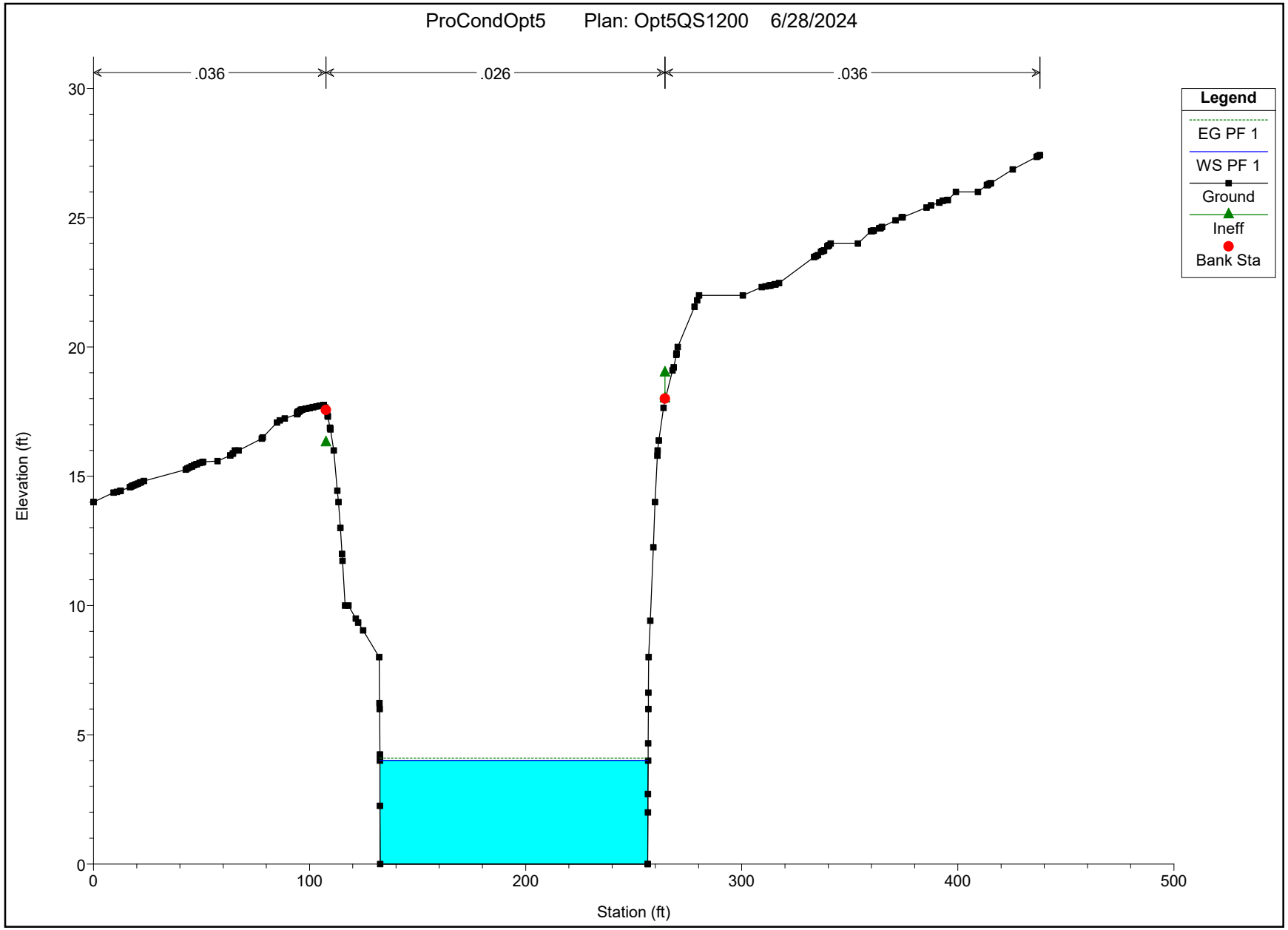
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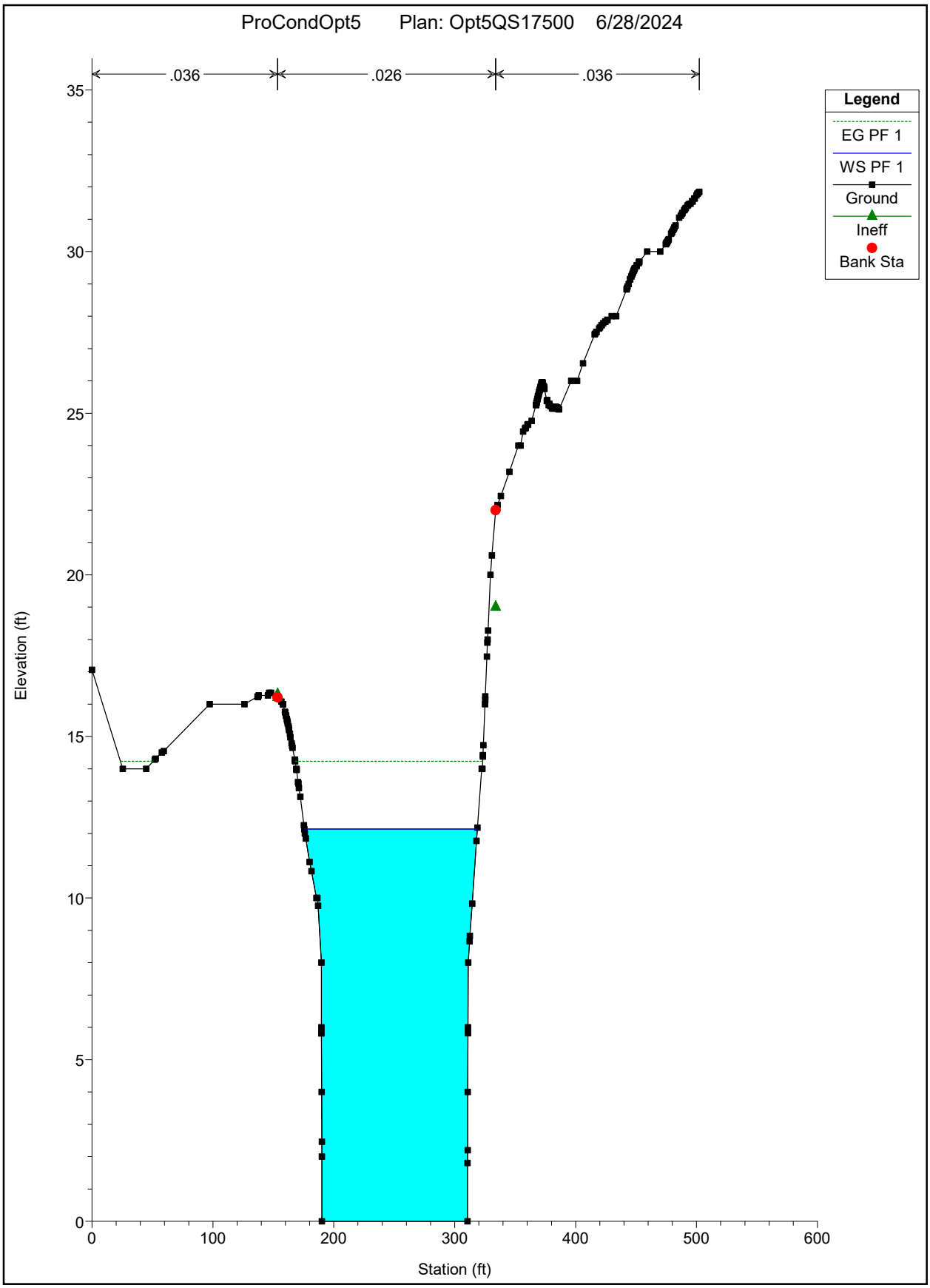
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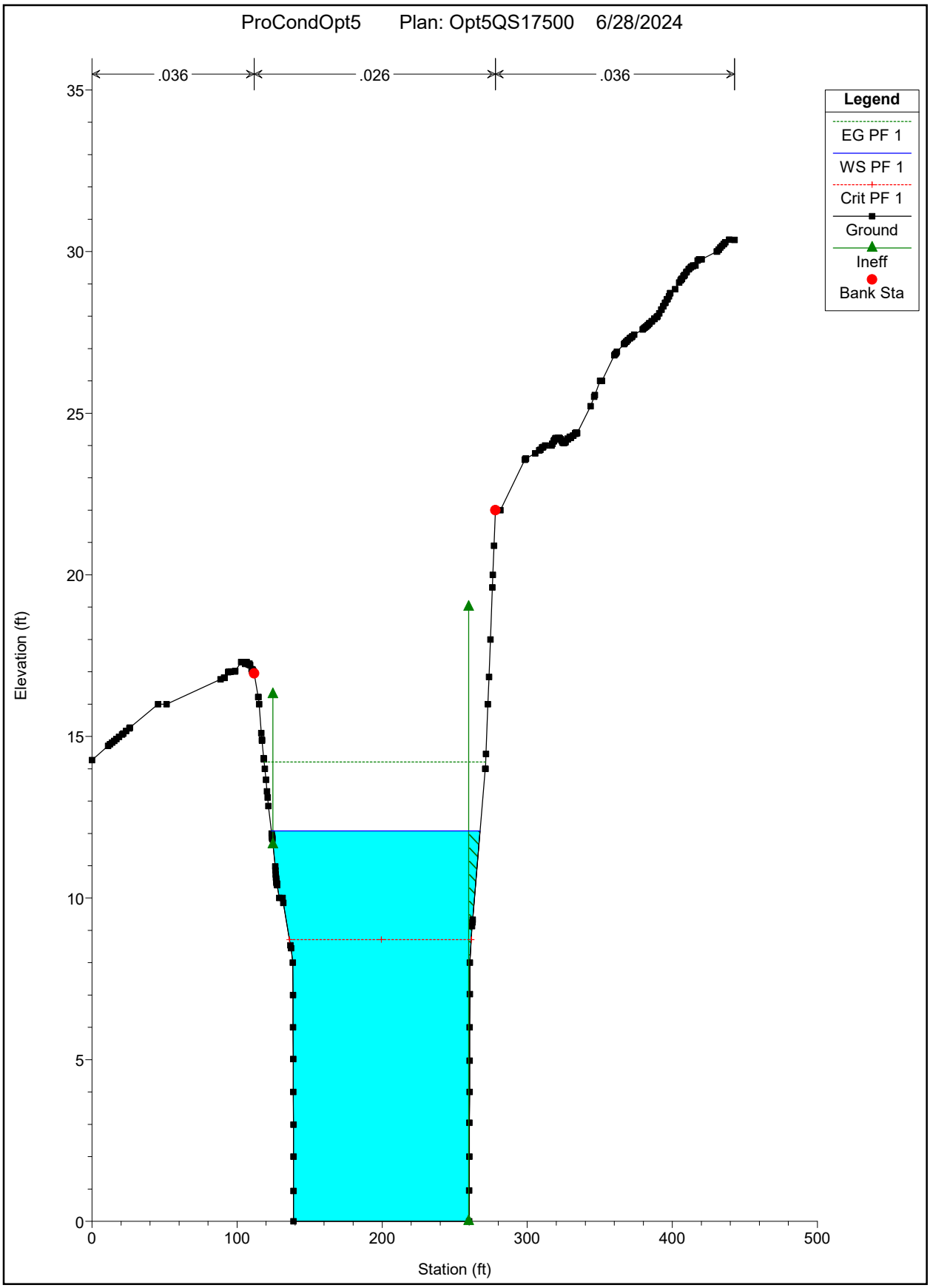
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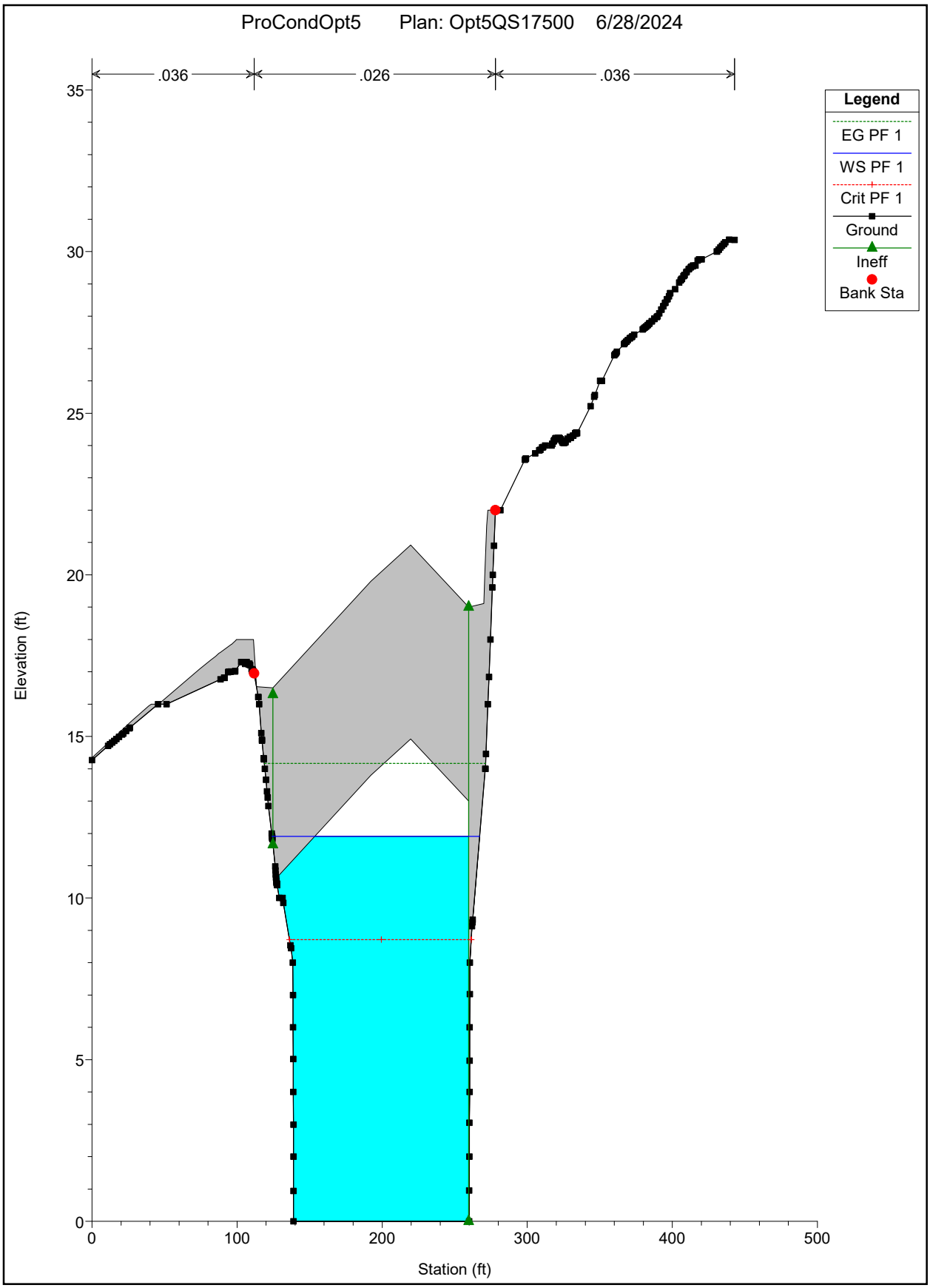
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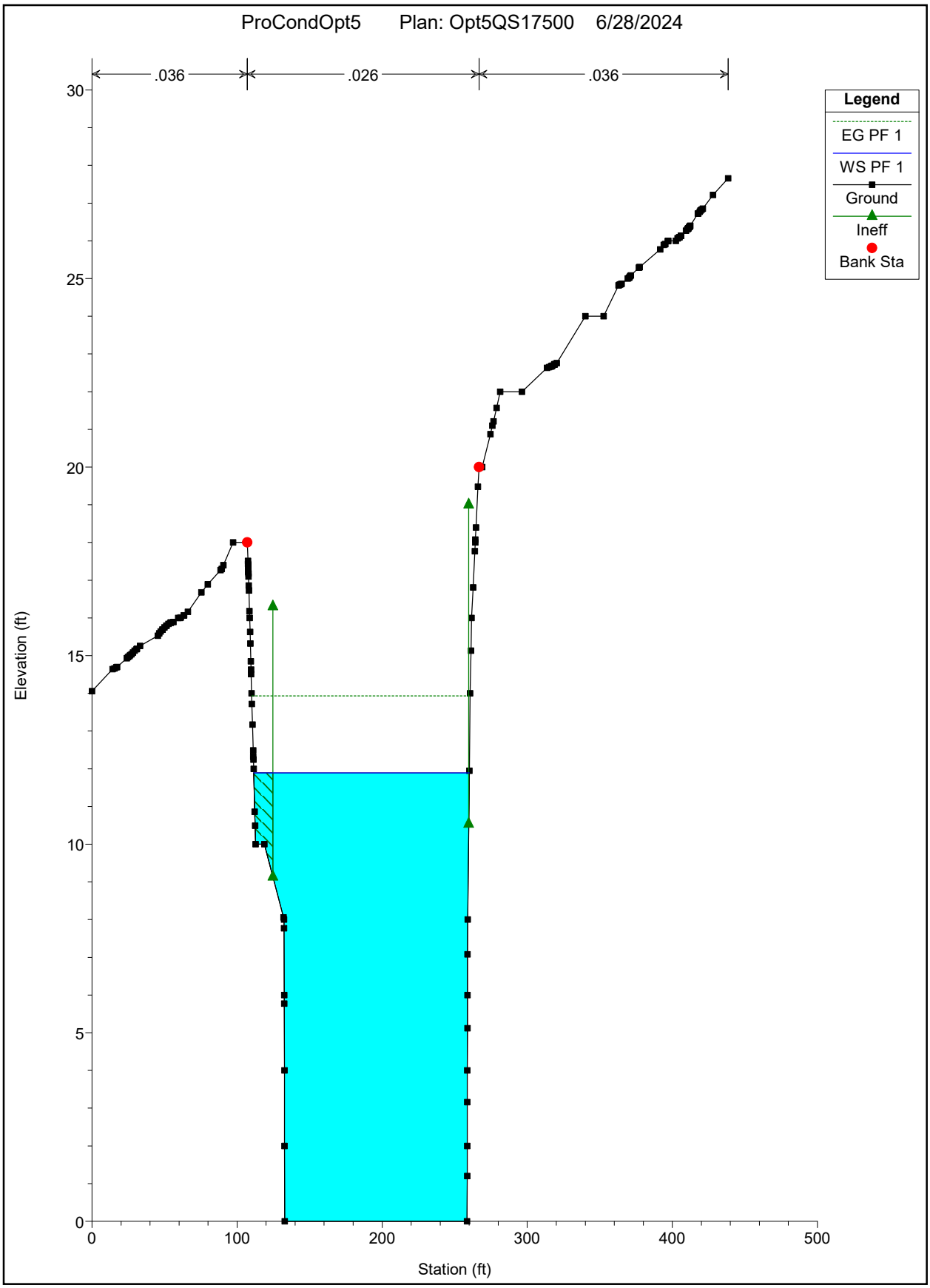
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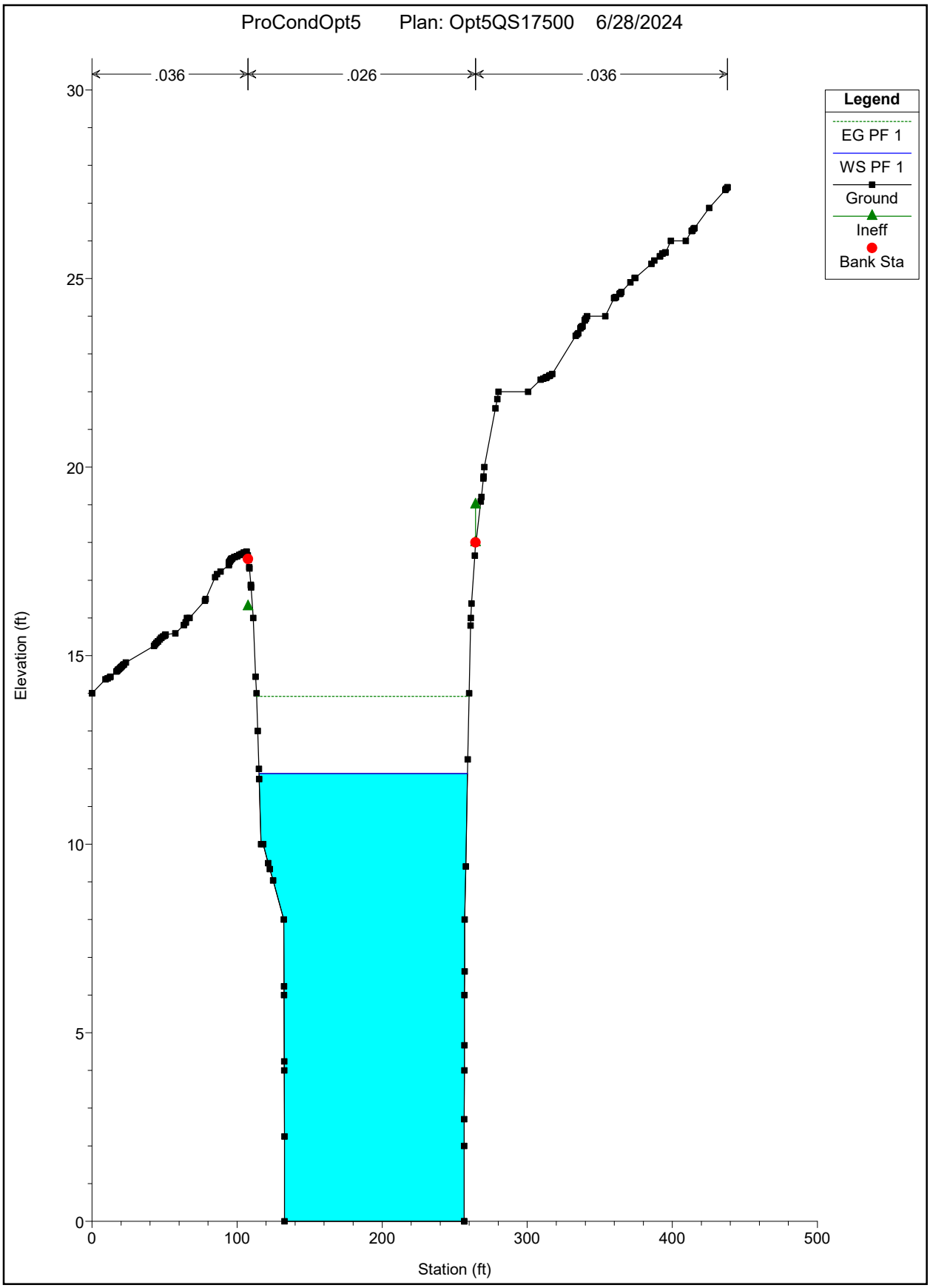
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Alternative 5



Alternative 5



CSWST2.com

Attachment 3

Supplemental Structural Condition Evaluation

BIGGS CARDOSA ASSOCIATES INC
STRUCTURAL ENGINEERS

40 Federal Street
San Francisco, CA 94107

FINAL DRAFT

MEMORANDUM

TO:	Julia Harberson, PE, Project Manager CSWST2	Date: Job No:	March 31, 2026 2024083
FROM:	Thomas L. Swayze, SE Biggs Cardosa Associates, Inc.		
SUBJECT:	Stockton Avenue Bridge at Soquel Creek (Bridge No. 36C0110) Capitola, California Supplemental Structural Condition Evaluation		

EXECUTIVE SUMMARY

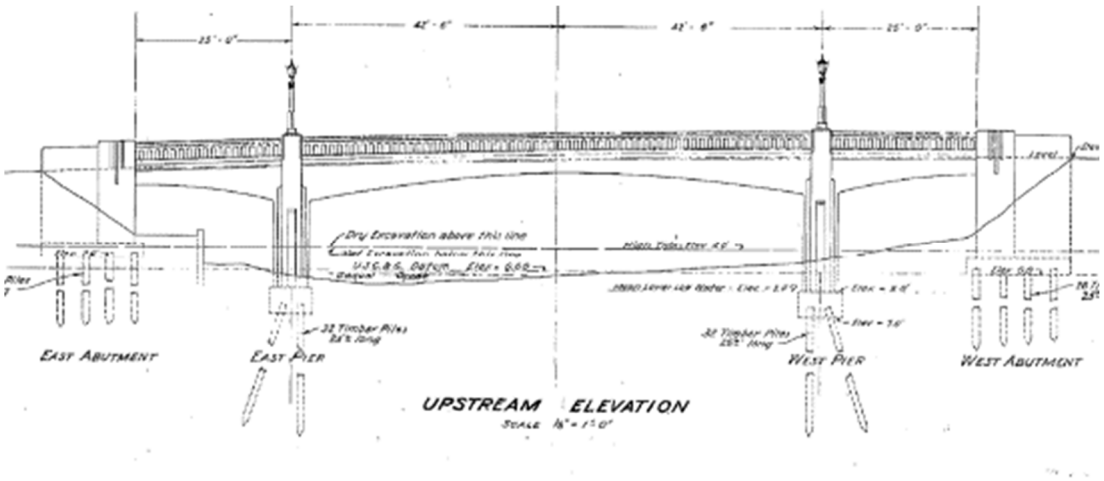
The City of Capitola has suffered ongoing seasonal accumulation of storm debris at the Stockton Avenue Bridge (Br. No. 36C0110) and has performed emergency repairs of spalling and reinforcement corrosion at abutments and superstructure. To assess the overall condition of the bridge, the City has requested evaluation of its structural condition.

CSWST2 has been contracted by the City to provide this evaluation based on field observations and existing records. Biggs Cardosa Associates (BCA) has provided structural commentary based on field observations on July 16, 2025, and March 12, 2026.

The following documents were provided for our review:

- Structural Plans Sheets 1-4 Capitola Bridge over Soquel Creek, dated October 23,1933
- Caltrans Bridge Inspection Reports, dated May 8, 2022, September 17, 2021, September 25,2019, September 1, 2015, September 9, 2013, October 5, 2011, October 1, 2009, May 8, 2007, May 25, 2005, May 7, 2003, May 2, 2001, and August 10, 1999
- Caltrans Summary Load Rating Sheet dated September 3, 2019
- Emergency Coastal Development Permit from the California Coastal Commission, Emergency CDP G-3-23-0065 (Stockton Avenue Bridge, dated October 2, 2023
- City of Capitola Special Provisions and Plans for Construction of Capitola Bridge over Soquel Creek (Stockton Bridge) Repairs, Federal Project No. ER-15J7(85), dated December 5, 2023

The Stockton Avenue Bridge is a cast-in-place concrete continuous 3-span parabolically arched box girder structure with mild reinforcement. The span configuration is an 85-foot center span with two 25-foot cantilevered end spans and two 15-foot-long bin abutments. The two end spans are cantilevered from the concrete piers in Soquel Creek for superstructure span configuration) and are separated structurally from a bin abutment at each end. The piers are supported on reinforced concrete pile caps and timber piles. Timber piles at the piers are a combination of vertical piles and longitudinally battered piles. The existing traveled way between curbs is 30 feet.



Upstream Elevation from As-builts

The storms of January 2023 caused a portion of the slope protection and sidewalk at the abutments to crack. The plans developed later that year indicate a repair of the abutment walkway cracking and patching of concrete spalls on the pier walls. Some of those spalls were noted in previous bridge inspection reports. CSWST2 was contracted by the City to provide alternatives for installation measures to prevent storm debris accumulation at the Stockton Avenue Bridge. CSWST2 developed five alternatives for consideration in June 2024. The first four alternatives provided economically varying hydraulic solutions by retrofitting the existing structure through different configurations and methods. BCA provided a structural summary for each alternative in that initial memorandum. The last alternative, Alternative 5, proposed to replace the bridge entirely. Given the hydraulic vulnerabilities, the age of the structure, the proximity to the ocean, as well as a review of several existing bridge inspection reports that discussed transverse deck cracking, we determined that further condition investigation of the underside of the bridge deck was warranted prior to recommending full replacement.

Existing Conditions

BCA performed site visits on July 16, 2025, and March 12, 2026, to observe the existing superstructure condition. During the initial July 2025 site visit, the existing manholes in the sidewalk and at the center of the roadway were opened for observation of the underside of the existing deck. Corroding reinforcement and spalling was observed in several locations under the

sidewalk. The underside of the bridge deck at the roadway manholes was not visible due to the presence of original deck soffit formwork. We also performed chain-drag testing of the deck and found several areas that indicated delaminations of the concrete slab.

Based on the sidewalk reinforcement corrosion observed during the July 2025 site visit and a further review of existing bridge inspection reports, we recommended additional deck openings be provided for observations of the underside of the roadway deck after existing soffit form removal. In March 2026, six additional deck openings for bridge cell access were provided near the centerline of the existing piers. Existing deck slab formwork was removed within the cells so that the concrete soffit surface would be visible. The March 2026 site observation of the bridge deck soffit indicated a significant amount of concrete spalling and corrosion and/or loss of transverse deck reinforcement (see photos).

The existing roadway surface shows cracking consistent with that reported by the 2022 Caltrans Bridge Inspection Report, "The bare concrete deck surface is weathered and abraded with random cracking throughout. The randomly oriented deck cracks are up to 0.125 inches in width at an average of 2 feet on center." That report was based on observations of the top surface of the bridge deck. Our structural assessment examined the condition of the underside of the sidewalk deck slab as observed from manholes in the sidewalk. In many areas, the bottom transverse deck reinforcement was exposed at spalls and corroded, resulting in complete loss of the bars. The underside of the roadway deck slab was accessed by temporary access openings. This allowed the inspection of approximately 20% of the bottom surface of the roadway deck slab. Each of these areas showed numerous spalls accompanied by severe corrosion of transverse deck reinforcement. The type and frequency of this damage was not isolated but consistently found at each location with access.

Permitting Impacts for Replacement

It should be noted that all the alternatives considered in the hydraulic studies would include the installation of piles in Soquel Creek which will require construction operations over the water. These studies are all also required for the Bridge Replacement option. Some issues that will need to be addressed are:

- Biological and Archeological Studies
- Agency permits based on findings
    - Army Corps of Engineers
    - Regional Water Quality Control Board
    - California Department of Fish and Wildlife
    - US Fish and Wildlife
    - Possibly Caltrans depending on funding sources
- Construction work windows and staging areas in the channel (potential multi-year)
- Historical structure impacts of proposed construction

Alternative 5: Bridge Replacement

The bridge replacement option is a viable option for debris mitigation as the proposed bridge structure will essentially clear span the creek, eliminating the two piers in the main creek channel and creating a more favorable hydraulic pathway. It should be noted that the Stockton Bridge is a critical link for emergency services and response for the coastal community. The closest alternative crossing of Soquel Creek is Highway 1.

The bridge sufficiency rating from the most recent Caltrans Inspection Report is 60.6. That rating would very likely be lower, based on the results of the additional structural condition observations we performed through deck openings to review the underside of the deck. The deck rating of "poor" prior to the recent additional observations was due to excessive transverse cracking, but the overall superstructure was rated as fair. We believe that the additional observation of the interior of the box girder deck corrosion and concrete degradation will further lower the sufficiency rating. Additionally, the existing bridge is 93 years old, beyond its anticipated service life, and highly likely to be seismically deficient.

The most recent Bridge Inspection Report lists the Stockton Avenue Bridge in Historic Bridge Inventory Historic Status Category 2; eligible for the office list of National Register of Historic Places (NRHP). This means that the bridge has been determined eligible as a result of the historic bridge inventory and subsequent updates. Caltrans will need to be contacted to obtain additional information about the Historic Bridge Rating Sheet from the Office of Historic Preservation or sometimes on request from the Cultural Studies Office. There is a multi-step process through Caltrans to determine how the historic nature of the structure affects replacement and what features may be necessary for the new design.

A new replacement structure could be configured so that the new clear span structure would mimic the existing historic character of the bridge, incorporating such features as:

- Arched bridge soffit
- Historic railing features
- Art Deco lighting and support pedestals
- Art Deco approach pedestals at abutments

There are several design hurdles to overcome for the replacement option such as:

- Environmental and permitting studies
- Multi-season construction period
- Demolition and construction activities in the creek channel
- Caltrans review and coordination
- Historical structure issues
- Community involvement
- Traffic handling and stage construction
- Utilities in the existing bridge
- Abutment replacements

- Bridge hydrology report
- Geotechnical borings and reports

Caltrans Funding Eligibility

The Caltrans Highway Bridge Program (HBP) is a program that provides federal aid to local agencies to rehabilitate and replace structurally deficient, locally owned public bridges or to complete preventive maintenance on bridges that are not deficient. To be eligible for HBP funds, a bridge must be owned and maintained by a local agency, be open to the public, be in poor condition, be seismically vulnerable, or be scour critical.

Based on reviewing the 2022 Caltrans bridge inspection report, the bridge deck is in poor condition (see snapshot below). Currently this bridge is eligible for Bridge Preventive Maintenance Program (BPMP) funding to install a polyester concrete overlay on the bridge deck. See the work recommendations in the 2022 Caltrans bridge inspection report.

STRUCTURAL HEALTH CONDITION SUMMARY INFORMATION			
(58) DECK	4 POOR	DECK AREA $(M)^2$	524
(59) SUPERSTRUCTURE	5 FAIR	SUFFICIENCY RATING	60.6
(60) SUBSTRUCTURE	5 FAIR	PAINT CONDITION	N/A
(62) CULVERT	N N/A (NBI)	STRUCTURALLY DEFICIENT (SD) STATUS	SD
(67) STRUCTURE EVALUATION	5 ABOVE MIN TOLERABLE	(113) SCOUR	5 STABLE W/IN FOOTING

Caltrans was not previously able to observe the inside of the bridge cells. We recommend that the photos from the March 2026 site visit be forwarded to Caltrans for further assessment of the deck and superstructure. The photos and observations from the March 2026 site investigations may result in a lower rating of the deck and superstructure which could lead to additional HBP funding eligibility. If the superstructure rating is reduced to a 4, this bridge will be eligible initially for HBP funding for rehabilitation and potentially for replacement based on the results of a feasibility study.

Conclusion

At a minimum, the widespread loss of a significant percentage of transverse deck reinforcement from corrosion requires a full deck slab replacement. Since the lost reinforcing bars are the bottom transverse bars, their repair cannot be addressed with a deck overlay or methacrylate treatment. The recent records for the bridge indicate substantially increased frequency and cost for structural repairs to address corrosion and corrosion related spalls. Given the advanced age of the bridge (93 years), hydraulic and seismic deficiencies, and the substantial cost to restore the deck slab, a full bridge replacement is recommended. In the interim, a load rating reduction is not regarded as necessary since the lost reinforcement alone will not lead to a collapse risk. The deck will continue to deteriorate showing more numerous and wider surface cracks. Cracking should be monitored and recorded. The deck should be re-assessed if cracking is found to be significantly increased.

Based on the 2022 Caltrans bridge inspection report, this bridge is currently eligible for Bridge Preventive Maintenance Program (BPMP) funding to repair the bridge deck. With the benefit of the photos from our March 2026 observations, Caltrans may reassess the deck and superstructure resulting in HBP funding for rehabilitation and potentially for replacement based on the results of a feasibility study.

Superstructure Condition



Roadway Deck Soffit Spalls and Corrosion



Roadway Deck Soffit Spalls and Corrosion



Roadway Deck Soffit Spalls and Reinforcing Corrosion



Roadway Deck Soffit Spalls and Reinforcing Corrosion



Roadway Deck Soffit Spalls and Reinforcing Corrosion



Deck Soffit Spalls and Reinforcing Corrosion



Roadway Deck Soffit Spalls and Reinforcing Corrosion



Sidewalk Slab Soffit Spalls and Reinforcing Corrosion



Sidewalk Slab Soffit Spalls and Reinforcing Corrosion



Sidewalk Slab Soffit Spalls and Reinforcing Corrosion



Stockton Avenue Bridge

— PROJECT DEVELOPMENT PROCESS —

PREVIOUS STUDIES (COMPLETED)

Existing studies identified deterioration, constraints, and key issues requiring additional evaluation

PREVIOUS STUDIES (COMPLETED)

- Debris Mitigation Feasibility Study
- Existing Conditions Assessment
- Structural Evaluation
- Hydraulic & Scour Analysis
- Utility Investigation
- Preliminary Traffic Evaluation

EXISTING CONDITIONS ASSESSMENT

Engineering investigations to develop comprehensive understanding of condition, constraints, opportunities, and long-term needs

WE ARE HERE!

PROPOSED AGREEMENT EXISTING CONDITIONS ASSESSMENT

- Structural Evaluation
- Planning-Level Seismic Evaluation
- Hydraulic & Scour Analysis
- Utility Assessment
- Traffic Analysis
- Environmental Constraints
- Historic Resource Evaluation
- Project Purpose & Need
- Stakeholder Outreach

POTENTIAL FUTURE PHASES

(SUBJECT TO FUTURE CITY COUNCIL AUTHORIZATION & FUNDING)

ALTERNATIVES EVALUATION

Develop and compare rehab, retrofit, deck replacement, replacement, and no improvement alternatives

CITY COUNCIL REVIEWS ALTERNATIVES

Review alternatives and:

- Select an alternative
- Authorize the next phase of project
- Stop work

ENVIRONMENTAL REVIEW & PRELIMINARY DESIGN

Complete environmental review and obtain required approvals

DESIGN & PERMITTING

Prepare final design, right-of-way (if needed), and permits

CONSTRUCTION

Construct the selected improvement, subject to future funding and City Council authorization

POTENTIAL FUTURE PROJECT DEVELOPMENT

After the current assessment, the project could move through the following future phases, subject to City Council approval and available funding:

- Alternatives Evaluation
- Environmental Review
- Preliminary Engineering
- Final Design
- Right-of-Way, if needed
- Construction

CITY OF CAPITOLA
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INCORPORATED 1949

Gautho, Julia

From: Kathleen Byrne <kathleenagnesbyrne@gmail.com>
Sent: Sunday, August 9, 2026 10:30 AM
To: City Council
Subject: Stockton Bridge

I feel the Stockton Bridge should definitely be repaired as it is part of the beautiful ambience of Capitola and it is historic and we are losing too much of the history of Capitola instead of keeping it alive.
I would be very sad if they changed it and did not repair it

Kathleen Byrne
Sent from my iPhone

Gautho, Julia

From: Rosemary Bulaich <rosemarybulaich@gmail.com>
Sent: Sunday, August 9, 2026 8:44 AM
To: City Council
Subject: Stockton St Bridge

I have been a homeowner in Capitola for 45 years. During that time, the bridge has become as much a part of the view of The Village as the historic Venetian cottages. PLEASE restore and repair this icon rather than modernizing and replacing it.

Rosemary Bulaich

Sent from my iPhone

Gautho, Julia

From: mark Ban <markban@sbcglobal.net>
Sent: Saturday, August 15, 2026 8:13 PM
To: City Council
Subject: Stockton Bridge

Dear capitola city council
I would like to suggest that all work on the Stockton Bridge be delayed until the rail trail is completed across the trestle. This would give cyclist and pedestrians a safe alternative to getting across the river. It's obvious that traffic will be a nightmare during construction. Taking cyclist and pedestrians out of the construction equation would be both a convenience and a major safety improvement for those not driving.
Thank you
Mark Ban
321 McCormick Avenue
831-588-8447
Sent from my iPad

Gautho, Julia

From: Kahn, Jessica
Sent: Monday, August 17, 2026 10:25 AM
To: City Council
Subject: FW: Stockton Bridge

From: Kahn, Jessica
Sent: Monday, August 17, 2026 8:32 AM
To: 'mark Ban' <markban@sbcglobal.net>
Subject: RE: Stockton Bridge

Good morning,

Thank you for sharing your suggestion. Potential projects for the Stockton Avenue Bridge and the Capitola Trestle project are multiyear efforts and are still in the early planning stages. Construction timing and safe routes for pedestrians and bicyclists will be considered as the projects move forward.

Jessica Kahn, P.E.
Public Works Director
City of Capitola
(831) 475-7300 x 217
Please note my updated email address: jkahn@cityofcapitola.gov

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From: mark Ban <markban@sbcglobal.net>
Sent: Saturday, August 15, 2026 8:13 PM
To: City Council <citycouncil@cityofcapitola.gov>
Subject: Stockton Bridge

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831-588-8447
Sent from my iPad

Gautho, Julia

From: Bob Hickman <bobster1263@yahoo.com>
Sent: Sunday, August 16, 2026 1:22 PM
To: City Clerk
Cc: Goldstein, Jamie; City Council; Kahn, Jessica
Subject: Stockton Avenue Bridge — clarification before August 27 Council agenda

Mayor and Council Members, City Clerk Gautho, City Manager Goldstein and Director Kahn,

I understand that several Stockton Avenue Bridge matters may be coming to Council on August 27, and I wanted to ask for clarification before the agenda is published rather than rely on secondhand information.

The City's current Stockton Avenue Bridge webpage states that the project remains in the early planning and technical-evaluation phase, that no preferred project alternative has been selected, and that future direction will be considered through a public process with community input.

That also appears consistent with Council's April 9 direction. Council specifically directed staff to return with a proposed scope evaluating multiple bridge replacement alternatives as well as retrofit and deck-replacement alternatives, with comparable information regarding costs, service life, grants, construction timelines, environmental and permitting constraints, historic considerations and traffic impacts. Council's motion contemplated selecting a preferred option only after those alternatives were presented.

Could you please confirm whether the August 27 agenda will ask Council to select or approve a preferred bridge replacement alternative, or whether the upcoming items are instead intended to authorize the additional studies and alternatives analysis previously directed by Council?

If selection of a preferred alternative is proposed, I respectfully ask that the complete alternatives analysis, historic-resource evaluation, traffic analysis, cost estimates, funding assumptions and other information called for in Council's April 9 motion be published with the agenda and that the matter be scheduled as a full discussion item with meaningful opportunity for public review and comment.

I think the community broadly understands that the bridge requires serious long-term planning. The important issue is making sure such a consequential decision follows the transparent, comparative process Council already directed.

Thank you.

Bob Hickman Capitola City Resident

Gautho, Julia

From: Kahn, Jessica
Sent: Monday, August 17, 2026 8:49 AM
To: City Council
Subject: FW: Stockton Avenue Bridge — clarification before August 27 Council agenda

-----Original Message-----
From: Kahn, Jessica
Sent: Monday, August 17, 2026 8:34 AM
To: 'Bob Hickman' <bobster1263@yahoo.com>
Subject: RE: Stockton Avenue Bridge — clarification before August 27 Council agenda

Good morning,

Thank you for reaching out. The August 27 agenda item will not ask the City Council to select a preferred bridge alternative. The item is intended to authorize the additional technical studies and alternatives analysis previously directed by the Council.

The project remains in the early planning phase. The alternatives and supporting information will be presented through a future public process before the Council is asked to select a preferred alternative.

Jessica Kahn, P.E.
Public Works Director
City of Capitola
(831) 475-7300 x 217
Please note my updated email address: jkahn@cityofcapitola.gov

-----Original Message-----
From: Bob Hickman <bobster1263@yahoo.com>
Sent: Sunday, August 16, 2026 1:22 PM
To: City Clerk <cityclerk@cityofcapitola.gov>
Cc: Goldstein, Jamie <jgoldstein@cityofcapitola.gov>; City Council <citycouncil@cityofcapitola.gov>; Kahn, Jessica <jkahn@cityofcapitola.gov>
Subject: Stockton Avenue Bridge — clarification before August 27 Council agenda

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Thank you.

Bob Hickman Capitola City Resident

Gautho, Julia

From: Cheryl Ban <cherylban@sbcglobal.net>
Sent: Monday, August 17, 2026 12:04 PM
To: City Council
Subject: Stockton Street Bridge

Capitola City Council,
Building the trail on the Captiola Trestle would be paramount before any disruptive work being done on the Stockton Street Bridge or Cliff Drive Project.
CALTRANS and the city hired engineer report indicates the option to repair the bridge rather than complete replacement of the Stockton bridge.
I am not in favor of adding to the Stockton bridge or the Cliff Drive project in any way that would facilitate detouring the bike / pedestrian trail through the Village.
It must stay in the rail corridor.
Measure L, CMC 8.72 has already been discussed at length at past city council meetings and has been settled.

At this time the best way to proceed is to repair the bridge.
And since winter is fast approaching it may be prudent to asses the
Stockton Bridge after the winter storms.
If the bridge could get more years before replacement, per the reports, it would be a relief to our whole county to repair the bridge, since we are all construction traumatized.

Have we not learned anything from the Murray St. bridge years long closure.
The impact to the entire county. The business pleading for help.
Remember what the lockdowns during covid have done to business, disseminated 50% of small business.
Some struggling and still closing from this lockdown.
Now considering the unreasonable decision the city of Santa Cruz made to NOT make use of the useable and available trail on trestle to at least attempt to help the businesses.
I can just imagine Capitola Village business despair to have the Stockton bridge impaired or closed for any length of time.
How about the Council addressing the Capitola business district directly, proclaiming unanimous Agreement on the support of our small businesses.

It would be appreciated to have weekly updates posted on the Capitola city website with helpful information and details about the projects.
Especially what impacts the projects are anticipating.
For instance, current information about 41 St. Ave., Bay Avenue closure and the Park Ave. freeway on ramp closure.
The city website would provide valuable information for the citizens to navigate projects.

Capitola Resident,
Cheryl Ban

Gautho, Julia

From: Gayle Ortiz <gayle@gocapitola.com>
Sent: Friday, August 21, 2026 11:40 AM
To: City Council
Subject: Stockton Avenue Bridge

Dear Council,

I understand you will be addressing the future of the Stockton Bridge at the August 27 meeting.

I support keeping the existing bridge and doing the repairs outlined by the engineer that give us plus or minus 30 more years.

I don't believe this is the time to pursue a tear down. There's enough going on, staff time and community resources are stretched to their max as is!

Please consider repairs only.

Gayle Ortiz



City Council
August 27, 2026

Stockton Avenue Bridge Existing Conditions Assessment and Project Development Services

Stockton Bridge Project Development

What We Know Today

Completed Investigations

- Structural condition evaluation
- Hydraulic and scour analyses
- Utility investigations
- Initial traffic and circulation review
- Debris-mitigation feasibility study

Bridge Status

- Current inspections support continued use
- Portions of the deck are deteriorated
- Reinforcing steel corrosion is present
- Hydraulic, scour and utility concerns require further evaluation
- Long-term seismic performance and remaining service life are not yet defined

Stockton Bridge Project Development

Existing Condition Study

Major Findings

- Estimated remaining service life: 5–10 years, though uncertain due to hidden deterioration
- Replacement planning should begin immediately

Study Conclusion

"While short-term maintenance can keep the bridge operational, the combination of advanced age, structural deterioration, hydraulic/scour risks, and seismic deficiencies make full bridge replacement the most practical and cost effective long-term solution. Planning should begin now to avoid higher risks, costs, and potential service disruptions in the near future. "

Stockton Bridge Project Development

April 9, 2026 Council Direction

Evaluate

- Rehabilitation and retrofit
- Deck replacement
- Bridge replacement options
- Historic preservation considerations
- Traffic and construction impacts
- Funding and implementation strategies
- Potential use of the Capitola Trestle during construction

Stockton Bridge Project Development

What Phase 1 Provides

Proposed Contract

- Existing-condition documentation
- Structural, seismic and hydraulic analysis
- Traffic and utility evaluation
- Environmental and historic constraints review
- Stakeholder outreach
- Basis for developing alternatives

Future Phase 2

- Develop and compare alternatives
- Alternative-specific cost estimates
- Service-life and construction comparisons
- Permitting considerations
- Council decision on whether and how to proceed

Available funding is sufficient to complete Phase 1. Phase 2 would require additional funding and separate Council authorization

Stockton Bridge Project Development

Phase 1 Scope and Budget

Project Definition and Funding Strategy — $35,680

- Define project needs and requirements
- Confirm potential funding pathway with Caltrans

Existing Conditions — $184,905

- Survey and geotechnical testing
- Traffic data and utility review
- Bridge-condition documentation

Technical Evaluation and Outreach — $206,827

- Structural, seismic, hydraulic and traffic analyses
- Environmental and historic evaluation
- Stakeholder outreach and Council presentation

Direct Expenses — $47,500

- Field testing, traffic control, permits, research, and other project costs

Total: $474,912

Stockton Bridge Project Development
Historic Evaluation and Outreach

Historic Resource Evaluation

- Documents bridge's historic significance
- Identifies requirements for future alternatives
- Does not determine whether bridge will be rehabilitated or replaced

Public and Stakeholder Outreach

- Identify community priorities and local concerns
- Document input for consideration during future alternatives development

Neither activity selects or recommends a bridge alternative

Stockton Bridge Project Development

Project Development Process

Phase 1 — Proposed Contract

- Existing conditions
- Technical investigations
- Constraints and opportunities
- Public and stakeholder input

Future Phase 2

- Develop alternatives
- Compare costs, service life and construction impacts
- Evaluate permitting and implementation
- Return to Council for direction

Later Phases

- Environmental review
- Preliminary and final design
- Construction

Each future phase requires separate funding and Council authorization



Stockton Avenue Bridge

— PROJECT DEVELOPMENT PROCESS —

PREVIOUS STUDIES (COMPLETED)

Existing studies identified deterioration, constraints, and key issues requiring additional evaluation

EXISTING CONDITIONS ASSESSMENT

Engineering investigations to develop comprehensive understanding of condition, constraints, opportunities, and long-term needs

WE ARE HERE!

PREVIOUS STUDIES (COMPLETED)

- Debris Mitigation Feasibility Study
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- Preliminary Traffic Evaluation

PROPOSED AGREEMENT EXISTING CONDITIONS ASSESSMENT

- Structural Evaluation
- Planning-Level Seismic Evaluation
- Hydraulic & Scour Analysis
- Utility Assessment
- Traffic Analysis
- Environmental Constraints
- Historic Resource Evaluation
- Project Purpose & Need
- Stakeholder Outreach

POTENTIAL FUTURE PHASES

(SUBJECT TO FUTURE CITY COUNCIL AUTHORIZATION & FUNDING)

ALTERNATIVES EVALUATION

Develop and compare rehab, retrofit, deck replacement, replacement, and no improvement alternatives

CITY COUNCIL REVIEWS ALTERNATIVES

Review alternatives and:

- Select an alternative
- Authorize the next phase of project
- Stop work

ENVIRONMENTAL REVIEW & PRELIMINARY DESIGN

Complete environmental review and obtain required approvals

DESIGN & PERMITTING

Prepare final design, right-of-way (if needed), and permits

CONSTRUCTION

Construct the selected improvement, subject to future funding and City Council authorization

POTENTIAL FUTURE PROJECT DEVELOPMENT

After the current assessment, the project could move through the following future phases, subject to City Council approval and available funding:

- Alternatives Evaluation
- Environmental Review
- Preliminary Engineering
- Final Design
- Right-of-Way, if needed
- Construction

CITY OF CAPITOLA — FOUNDED 1874 — INCORPORATED 1949

Stockton Bridge Project Development
Fiscal Impact

Available Project Funding

- Dept of Water Resources flood mitigation grant: $500,000
- Previously appropriated City funding: $350,000
- Total project budget: $850,000

Funding Status

- $351,000 expended on prior investigations; approximately $499,000 remains
- Proposed Phase 1 agreement: $474,912
- **Next anticipated step: Task 4 – Alternatives Analysis ($174,908)**
- No additional appropriation proposed at this time

Stockton Bridge Project Development

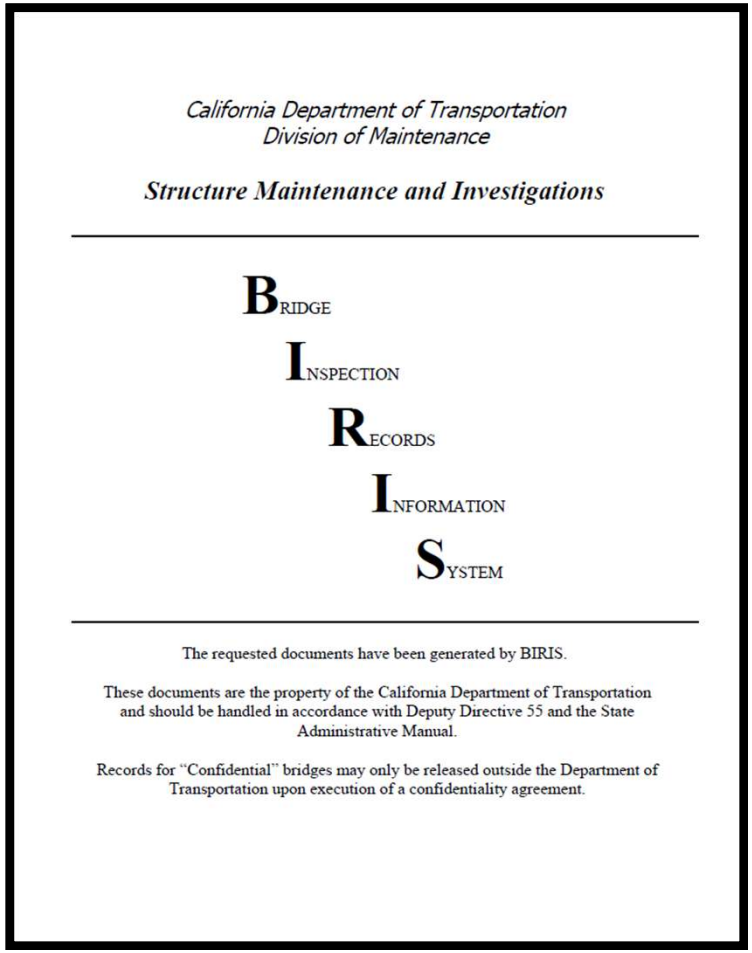
What About Caltrans Inspections?

Routine bridge inspections determine if bridge can remain safely in service

- They do not provide engineering needed to compare long-term rehabilitation, retrofit or replacement options

City has already conducted far more detailed inspections, and found issues

- Structural and seismic deficiencies
- Hydraulic and scour constraints



California Department of Transportation
Division of Maintenance

Structure Maintenance and Investigations

BRIDGE
INSPECTION
RECORDS
INFORMATION
SYSTEM

The requested documents have been generated by BIRIS.

These documents are the property of the California Department of Transportation and should be handled in accordance with Deputy Directive 55 and the State Administrative Manual.

Records for "Confidential" bridges may only be released outside the Department of Transportation upon execution of a confidentiality agreement.

Stockton Bridge Project Development

Why Not Just Start Design on a Project Now

Because…

- Would be working outside Caltrans bridge funding process – unlikely to be competitive for non-City funding
- Prior studies suggest, but do not confirm, other structural and scour issues
- No studies yet completed on seismic safety of the 1928 sub-structure

Recommended Action

Authorize City Manager to execute a Professional Services Agreement with CSW/ST2 for Stockton Avenue Bridge existing-conditions assessment and project-development services in an amount not to exceed $474,912.



Capitola City Council

Agenda Report

Meeting: August 27, 2026

From: Public Works Department

Subject: Underground Utility District No. 6 and Rule 20A Program Update

Recommended Action: Receive information regarding Underground Utility District No. 6 and the Rule 20A utility undergrounding program, including district history, implementation considerations, and utility coordination issues, and provide direction as desired. *(Continued from May 28, 2026, City Council Meeting)*

Background: This item was continued from the May 28, 2026, City Council meeting.

Rule 20A is a California Public Utilities Commission (CPUC) program that allows participating utilities to underground overhead electrical distribution facilities using utility work credits allocated to local jurisdictions. Rule 20A funding is generally limited to arterial streets, scenic corridors, downtown areas, and locations meeting criteria established by the CPUC and utility tariffs. The Rule 20A program is now largely limited to previously established underground utility districts and remaining legacy allocations previously accumulated by local jurisdictions. Per CPUC Decision 23-06-008, remaining Rule 20A work credits expire at the end of 2033.

Capitola Municipal Code Chapter 13.08 establishes procedures for the creation and administration of underground utility districts.

Capitola Underground Utilities District No. 6 was originally established by City Council Resolution No. 3098 in 2000. District No. 6 originally included portions of Bay Avenue, Capitola Avenue, and Monterey Avenue and contemplated a broader corridor undergrounding effort than the area currently under consideration.

The Rule 20A program requires entire sub-districts to be underground as a single project. Over time, implementation planning focused on smaller segments of the district based on estimated project costs, available Rule 20A allocations, and utility coordination considerations. In 2019, the City amended the district map to subdivide District 6 into smaller implementation areas identified as Districts 6A-1, 6A-2, and 6B while maintaining the original overall district boundaries (Attachment 3). According to the 2019 staff report, the subdivision was intended to allow the City and PG&E to focus on a portion of the district believed to be achievable within available Rule 20A funding allocations, specifically the area near the Bay Avenue and Capitola Avenue intersection identified as District 6A-1.

Following subdivision of District 6, the City and utility providers advanced preliminary utility coordination and joint trench planning efforts for District 6A-1. Existing planning documents include joint trench composite plans and preliminary utility cost-sharing documentation prepared in coordination with PG&E and telecommunications providers.

The City currently maintains approximately $3 million in Rule 20A work credits associated with District No. 6. These credits are held and administered by PG&E for eligible undergrounding work and do not cover all project-related costs.

At the May 14, 2026, City Council meeting, Council voted not to move forward with roundabouts along the Bay Avenue corridor and directed staff to return with additional information regarding Rule 20A undergrounding considerations and potential future corridor safety improvements. Staff returned on May 28, 2026, to present additional information about the undergrounding.

Following the presentation Council discussed the item and the advantages and disadvantages of advancing underground work in Districts 6B or District 6A-1. Following discussions, the Mayor continued the item to a future meeting to allow staff to clarify items discussed.

Discussion: Rule 20A projects require extensive coordination between the City, PG&E, telecommunications providers, affected property owners, and other utility companies. Undergrounding projects typically involve utility design, trenching, easement acquisition, service conversions, street restoration, and coordination of above-ground utility equipment such as transformers and service cabinets. In addition to utility construction costs, cities are typically responsible for costs not covered under Rule 20A work credits, which may include street lighting, restoration, traffic control, right-of-way acquisition, and certain utility betterments.

As part of the Rule 20A process, affected property owners are generally responsible for modifications necessary to receive underground utility service on private property. Final trench configuration, utility participation, and easement requirements would require additional coordination with affected utility providers and property owners.

Previous undergrounding planning efforts within District 6A-1 were closely coordinated with the previously contemplated roadway reconstruction and roundabout project. Combining roadway reconstruction and utility undergrounding was anticipated to improve project coordination efficiencies and reduce the need for multiple phases of roadway restoration.

Because Council has since directed staff not to proceed with roundabouts along the corridor, the coordinated construction assumptions underlying the prior implementation strategy may no longer apply. If undergrounding were to proceed independently from a larger roadway reconstruction effort, additional standalone restoration work may be required, and current construction costs, utility coordination requirements, and restoration obligations would require updated evaluation prior to project advancement.

Without coordinated roadway reconstruction, the primary benefits of undergrounding would relate to aesthetics, utility reliability, and long-term infrastructure modernization.

Options: Per CPUC Decision 23-06-008, Rule 20A work credits associated with this program expire at the end of 2033 and may not be redeemed for undergrounding work after that time. Rule 20A projects are multi-year efforts that typically involve utility coordination, engineering, easement acquisition, environmental review, and construction scheduling through PG&E and participating utility providers.

Based on discussions with PG&E, forming a new underground utility district at this time would not likely result in a completed project prior to expiration of the program in 2033. However, the City may continue advancing projects within the existing District No. 6 implementation areas, including Districts 6A-1, 6A-2, and 6B.

Based on field review and preliminary discussions with PG&E, District 6A-2 would likely require substantially more work credits than are currently available due to topography, utility complexity, and the number of affected services within the area. As a result, the City's currently technically feasible implementation areas are limited to Districts 6A-1 and 6B.

District 6A-1: District 6A-1, the Bay Avenue and Capitola Avenue intersection, is currently the most advanced implementation area. Engineering work has already been completed, including joint trench planning and preliminary utility coordination. Remaining steps would include confirmation of utility participation, acquisition of required easements, final utility coordination, and scheduling through PG&E for construction. Easements would be required on private property to accommodate underground utility infrastructure and related equipment.

Under the Rule 20A process, work credits are utilized for eligible PG&E undergrounding work, including project development and construction activities. Telecommunications providers are generally responsible for their own undergrounding work, while the City would remain responsible for costs including easement acquisition, roadway restoration, street lighting, traffic control, and any PG&E undergrounding costs exceeding available work credits.

Some City restoration costs associated with District 6A-1 were previously anticipated to overlap with the contemplated roadway reconstruction project. Because that roadway project is no longer being pursued, the extent of standalone City restoration costs and potential PG&E cost overruns remains uncertain and would require monitoring.

The City may continue advancing District 6A-1 through final utility coordination, easement acquisition, and project bidding. If updated cost estimates ultimately determine the City's share of project costs is not financially feasible, the City would retain the ability not to proceed with construction; however, costs associated with easement acquisition would already have been incurred.

District 6B: The City could also consider shifting implementation focus toward District 6B. However, this would require substantial additional utility coordination, engineering, joint trench planning, and project development work, effectively restarting much of the implementation process within a different portion of the district. While preliminary discussions with PG&E indicate that completion prior to 2033 may still be possible, significant uncertainty exists regarding project cost, utility coordination requirements, and available remaining work credits after accounting for prior District 6A-1 project development work.

Development of District 6B would also likely require private easements and future City funding for restoration and other project-related costs. Based on preliminary discussions with PG&E, a substantial portion of remaining work credits could be consumed through project development and engineering activities prior to construction. While the City could consider development of a future capital project to support this effort, many funding sources recently utilized for major capital projects may not be readily applicable to this portion of Capitola Avenue.

Implementation Costs: The level of planning and cost information available for District 6B is substantially less developed than for District 6A-1. For District 6A-1, preliminary utility planning, joint-trench design, cost-sharing documentation, and construction cost estimates have previously been prepared. Comparable planning documents have not been developed for District 6B. As a result, the available cost information for District 6B is limited to a conceptual, planning-level estimate provided by PG&E at the time District 6 was subdivided in 2019.

PG&E estimated the cost of utility undergrounding at approximately $3.3 million for District 6B prior to the District subdivision in 2019. For comparison, PG&E has previously estimated utility undergrounding costs for District 6A-1 at approximately $4.5 million as part of the development of an undergrounding project. Because these estimates were prepared at different times and neither estimate has been updated to reflect current construction costs, they should not be considered current project budgets. In particular, the District 6B estimate may materially understate the cost of implementing the project under current market conditions.

The estimates are intended solely to provide a general, planning-level comparison of the potential utility undergrounding costs for the two districts. Actual costs could vary significantly depending on final project design, utility participation and requirements, easement needs, restoration obligations, construction conditions, market conditions, and future coordination with PG&E and other utilities.

The estimates represent utility undergrounding costs only. They do not include costs associated with roadway reconstruction, intersection improvements, sidewalks, bicycle or pedestrian facilities, drainage, streetscape enhancements, transportation improvements, or other corridor improvements that the City may elect to undertake in conjunction with or independently of the undergrounding projects. Additional City costs may also be required for easement acquisition, traffic control, project administration, environmental review, utility coordination, and other project-related activities that are not eligible for Rule 20A work credits.

Given the limited planning completed for District 6B and the age of the available cost estimate, additional engineering and utility coordination would be necessary to develop a reliable project cost before the City could determine the feasibility and overall financial implications of advancing the district.

Alternatively, the City could discontinue advancement of any District 6 projects. This would require notifying PG&E that the City no longer intends to pursue the undergrounding work associated with the districts and would result in the forfeiture of the remaining Rule 20A work credits.

Fiscal Impact: This item is informational and does not authorize construction or appropriation of additional funds.

Rule 20A work credits may only be used for eligible undergrounding activities and do not cover all project-related costs. Additional City funding would likely be required for items including roadway restoration, street lighting, traffic control, easement acquisition, and other project-related expenses if undergrounding work were advanced.

Attachments:

1. Resolution No. 3098 – Underground Utilities District No. 6 (2000)
2. 2019 Underground District Map Amendment and Staff Report
3. Existing District No. 6 and District 6A-1 Map

Alignment with 2025-2029 Strategic Plan Priority: Accountable Government; Sustainable Infrastructure

Report Prepared By: Jessica Kahn, P.E., Public Works Director

Reviewed By: Julia Gautho, City Clerk; Marc Tran, City Attorney

Approved By: Jessica Kahn, Acting City Manager

RESOLUTION NO. 3098

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CAPITOLA DECLARING AREAS TO BE UNDERGROUND UTILITIES DISTRICT NO. 6 PURSUANT TO ORDINANCE NO. 384 OF THE CITY OF CAPITOLA

WHEREAS, on September 14, 2000, the City Council of the City of Capitola ordered that a public hearing be held to give notice of intention to declare property in approximately the same area as the property described in Exhibit "A" attached hereto and by this reference made a part hereof; and

WHEREAS, all affected property owners and utility companies within the area described in Exhibit "A" were by mail given notice of the time and place of the public hearing at least ten (10) days prior to the date of the hearing, and notice of the hearing has been duly published as directed in said resolution; and

WHEREAS, the public hearing has been held as stated in said resolution and notices, and all persons interested have been given an opportunity to be heard.

NOW, THEREFORE, BE IT RESOLVED AND ORDERED that this Council finds, determines and declares that the public necessity, health, safety and general welfare require that the area described in Exhibit "A" attached hereto and made a part hereof be declared to be an Underground Utilities District and said area is hereby declared to be an Underground utilities District pursuant to City Ordinance No. 384.

BE IT FURTHER RESOLVED AND ORDERED that all utilities to be installed in the area described in Exhibit "A" attached hereto shall be installed underground, including up to one hundred feet (100') of customer service lateral, except as specified in Sections 70.5 and 70.6 of Capitola City Ordinance No. 384.

BE IT FURTHER RESOLVED AND ORDERED that this Council finds, determines and declares that the public interest, health, safety and general welfare require that whenever aboveground utilities which are in operation in the area described in Exhibit "A" attached hereto on the date this resolution is adopted, are to be reinstalled in a different location within said area, such utilities shall be reinstalled underground.

BE IT FURTHER RESOLVED AND ORDERED, that within ten (10) days after the passage of this resolution, the City Clerk shall notify all affected utility companies and all affected property owners by mailing them a copy of this resolution and a copy of Capitola City Ordinance No. 384.

BE IT FURTHER RESOLVED AND ORDERED that this Council finds, determines, and declares that the removal of existing poles, overhead wires and associated overhead structures and the underground installation of wires and facilities for supplying electric, communication or similar associated service within the area specified herein is in the general public interest for the following reasons:

RESOLUTION NO. 3098

1. Such undergrounding will avoid or eliminate an unusually heavy concentration of overhead electric facilities;

2. Said street or road or right-of-way is extensively used by the general public and carries a heavy volume of pedestrian or vehicular traffic; and

3. Said street or road or right-of-way adjoins or passes through a civic area or public recreation area or an area of unusual scenic interest to the general public.

BE IT FURTHER RESOLVED, that all poles, overhead wires and associated structures shall be removed and underground installation made in said Underground District No. 6 within the following times:

A. Underground installation by utility companies and property owners and reconnections not later than September 15, 2004, for Area 6A as designated in Exhibit A; and September 15, 2005, for Area 6B as designated in Exhibit A.

B. Removal of all overhead Pacific Bell communications facilities no later than 90 days after removal of PG&E overhead electrical facilities.

C. Removal of poles, overhead wires and other associated overhead structures not later than December 15, 2004 for Area 6A as designated in Exhibit A; and December 15, 2005, for Area 6B as designated in Exhibit A.

I HEREBY CERTIFY that the foregoing resolution was passed and adopted by the City Council of the City of Capitola at its regular meeting held on the 21st day of November, 2000, by the following vote:

AYES: Council Members Ortiz, Gualtieri, Norton and Mayor Arthur

NOES: None

ABSENT: Council Member Harlan

ABSTAIN: None

Bruce Arthur, Mayor

ATTEST:

Patricia Evans

Patricia Evans, Deputy City Clerk

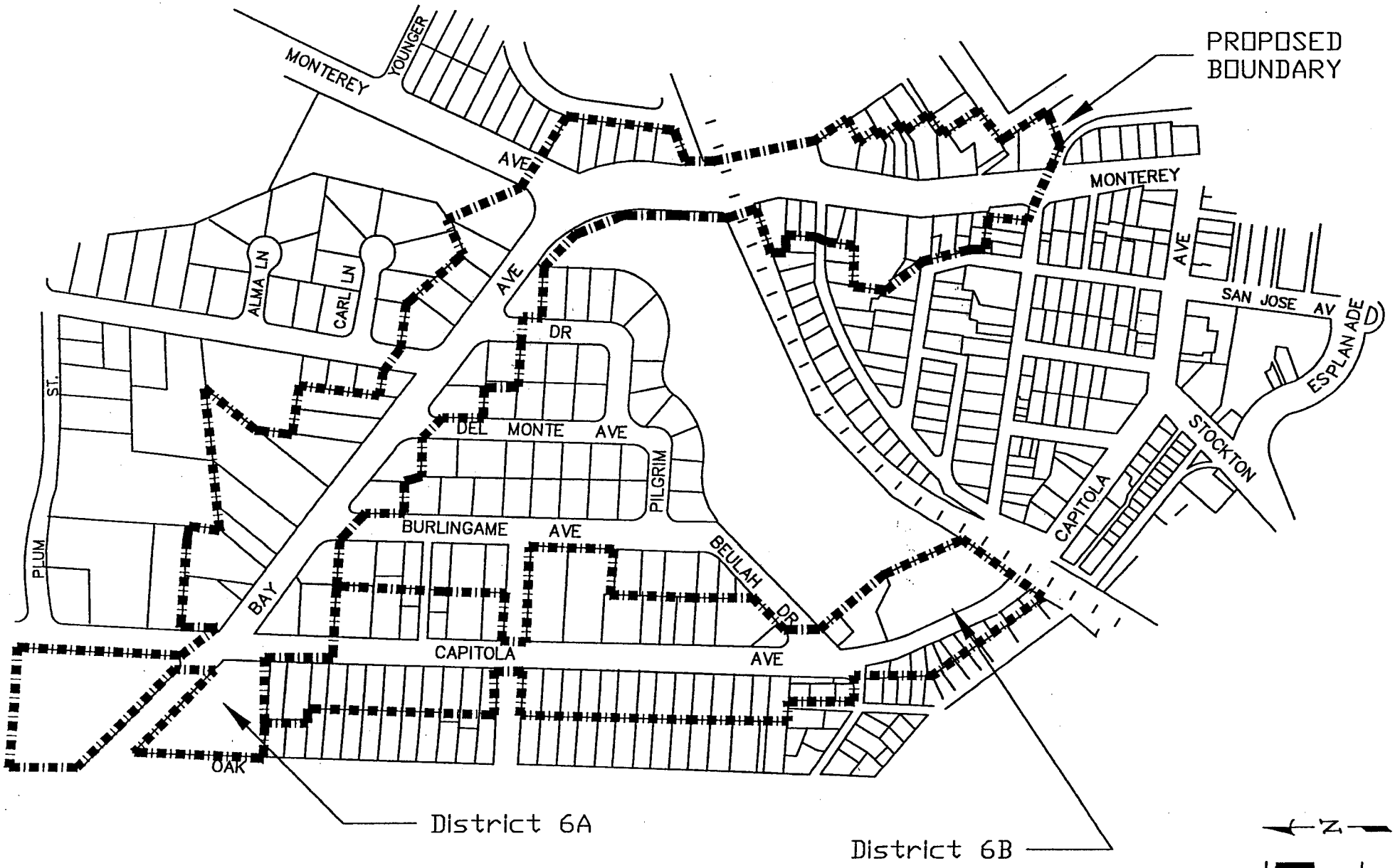


EXHIBIT 'A'
CITY OF CAPITOLA
UNDERGROUND DISTRICT NO 6

CAPITOLA CITY COUNCIL AGENDA REPORT

MEETING OF AUGUST 22, 2019

FROM: Public Works Department

SUBJECT: Consider a Resolution To Subdivide City of Capitola Undergrounding Utilities District No. 6

RECOMMENDED ACTION: Approve a resolution amending Resolution No. 3098 and subdividing a district within the boundary map for Undergrounding Utilities District No. 6.

BACKGROUND: On November 21, 2000, the City Council adopted Resolution No. 3098 that established Capitola Underground Utilities District No. 6 (District 6). The establishment of an underground district is governed by state law and Capitola City Municipal Code Section 13.08. Capitola Underground District 6 includes Capitola Avenue from Fanmar Way to approximately Plum Street, Bay Avenue from Oak to Monterey Avenue and Monterey Avenue from Bay Avenue to Cherry Avenue.

Undergrounding districts use funds set aside by PG&E to design and build the project. These funds, known as Rule 20A funds, are a tariff paid by PG&E customers and annually apportioned to jurisdictions on a formula basis. The funds are held by PG&E and used by PG&E for undergrounding projects selected by the City. Rule 20A funds must be spent on major arterial streets, public areas of scenic value, and downtown or civic core areas. They may not be used for undergrounding projects in residential areas; therefore the undergrounding project at the library is not eligible to use Rule 20A funds.

Until recently PG&E had tabled working on District 6 until there were sufficient Rule 20A funds in the Capitola set-aside account to proceed with the project. Staff has been working with PG&E to move the project forward to allow for reconstruction of the intersection at Bay Avenue and Capitola Avenue.

DISCUSSION: PG&E has agreed to proceed with an undergrounding project in the immediate area of the Bay/Capitola Ave. intersection. As part of the project, staff has been coordinating with PG&E, AT&T, and the other overhead utility providers. Through this effort staff has identified the need to update the map associated with Resolution No. 3098. The proposed update maintains the original limits of the overall District 6, but divides the District into smaller sections. Specifically District 6A is divided into District 6A-1, 6A-2. District 6B is not changed.

The proposed underground project will focus on completion of District 6A-1. The undergrounding of utilities at the intersection of Capitola Avenue and Bay Avenue is a necessary first step toward consideration of a future roundabout project at the intersection.

Attachment 1 is Exhibit AA to the resolution, a map showing the proposed amendment. Attachment 2 is a copy of Resolution No. 3098 including the original District 6 map.

FISCAL IMPACT: As of March 31, 2018, the City's Rule 20A Allocation Account Balance is $2,050,842. The annual allocation has been approximately $45,000 each year. PG&E staff have begun estimating the scope and costs associated with completing section 6A-1 of District 6 and are confident that there are sufficient funds available to complete PG&E's portion of the project.

There will be some costs that the City will be required to cover such as street light installation and right-of-way acquisition costs. These costs are unknown at this time but are estimated at $300,000. These funds will be budgeted in the Capital Improvement Fund when the schedule is further developed. Staff anticipates these funds will be needed in either Fiscal Year 2020/21 or 2021/22.

ATTACHMENTS:

1. Exhibit AA, Amended Undergrounding Utilities District No. 6 Map (PDF)
2. Resolution 3098 (PDF)

Report Prepared By: Kailash Mozumder
Project Manager

Reviewed and Forwarded by:

Jamie Goldstein, City Manager 8/15/2019

RESOLUTION NO. _____

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CAPITOLA SUBDIVIDING AREAS WITHIN CAPITOLA UNDERGROUND UTILITIES DISTRICT NO. 6 PURSUANT TO MUNICIPAL CODE SECTION 13.08 OF THE CITY OF CAPITOLA

WHEREAS, the California Public Utilities Commission (CPUC) has authorized electric and telecommunication utilities to convert overhead utility lines and facilities to underground pursuant to Electric Rule 20 and Telecommunication Rule 32; and

WHEREAS, pursuant to certain criteria, CPUC rules allow participating cities and counties to establish legislation authorizing the creation of underground utility districts within which existing overhead electric distribution and telecommunication distribution and service facilities will be converted to underground; and

WHEREAS, Capitola Municipal Code Section 13.08 authorizes the City Council to designate areas within which all existing overhead poles, overhead wires and overhead equipment associated with the distribution of electric power, telecommunication services and cable television should be removed and replaced with underground wires and facilities; and

WHEREAS, each year the City of Capitola is notified by PG&E regarding the allocation of work credits for conversion of overhead electric distribution lines and facilities to underground, known as Rule 20A allocations; and

WHEREAS, on November 21, 2000, the City Council of the City of Capitola adopted Resolution No. 3098 which defined the terms and geographical limits of Capitola Underground Utility District No. 6; and

WHEREAS, the Director of Public Works for the City of Capitola has consulted with the affected public utilities and such utilities have requested amending Resolution No. 3098 to provide an updated map; and

WHEREAS, the Director of Public Works for City of Capitola has consulted with PG&E and determined that the City has accumulated sufficient Rule 20A work credits to complete the overhead to underground conversion project within District 6A-1 as shown on Exhibit AA attached hereto; and

WHEREAS, the Director of Public Works for the City of Capitola has consulted with the affected public utilities and such utilities have agreed that the designated Capitola Underground Utility District No. 6, and more particularly described in Exhibit AA attached hereto and incorporated herein by reference, meets the criteria established by the rules of the CPUC; to wit,

1. That such undergrounding will avoid or eliminate an unusually heavy concentration of overhead electric facilities; and
2. That the street or road or right-of-way is considered an arterial street or major collector as defined in Capitola's General Plan.

WHEREAS, to the extent required, the City of Capitola has agreed to provide easements or

rights-of-way on private property as may be necessary for installation of utility facilities in a form satisfactory to the affected utilities.

NOW, THEREFORE, BE IT RESOLVED, that the City Council of the City of Capitola does hereby amend Resolution No. 3098 as follows:

1. Undergrounding Utilities District No. 6 is hereby amended by subdividing the two original sections, District 6A and 6B, into District 6A-1, 6A-2, and 6B but maintaining the original limits of the overall District 6 as shown on Exhibit AA.

The foregoing resolution was adopted by the City Council of the City of Capitola on the 22nd day of August, 2019, by the following vote:

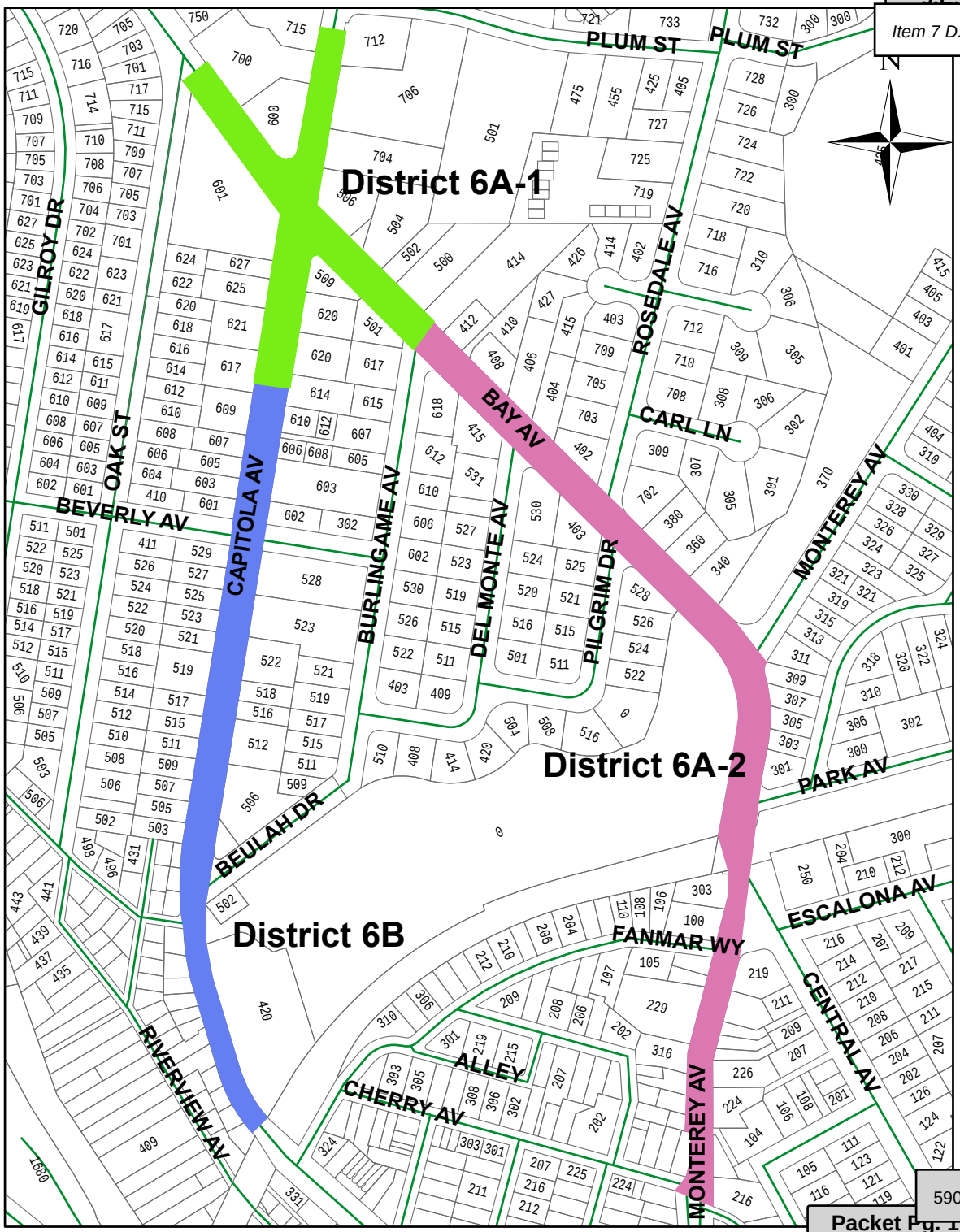
AYES:
NOES:
ABSTAIN:
ABSENT:

_____
Jacques Bertrand, Mayor

ATTEST:

_____
Linda Fridy, City Clerk

EXHIBIT 'AA'
CITY OF CAPITOLA
AMENDING
UNDERGROUND DISTRICT 6



Legend

- District 6A-1
- District 6A-2
- District 6B

0 0.025 0.05 0.1 0.15 0.2 Miles

Attachment: Exhibit AA, Amended Undergrounding Utilities District No. 6 Map (Undergrounding

RESOLUTION NO. 3098

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CAPITOLA DECLARING AREAS TO BE UNDERGROUND UTILITIES DISTRICT NO. 6 PURSUANT TO ORDINANCE NO. 384 OF THE CITY OF CAPITOLA

WHEREAS, on September 14, 2000, the City Council of the City of Capitola ordered that a public hearing be held to give notice of intention to declare property in approximately the same area as the property described in Exhibit "A" attached hereto and by this reference made a part hereof; and

WHEREAS, all affected property owners and utility companies within the area described in Exhibit "A" were by mail given notice of the time and place of the public hearing at least ten (10) days prior to the date of the hearing, and notice of the hearing has been duly published as directed in said resolution; and

WHEREAS, the public hearing has been held as stated in said resolution and notices, and all persons interested have been given an opportunity to be heard.

NOW, THEREFORE, BE IT RESOLVED AND ORDERED that this Council finds, determines and declares that the public necessity, health, safety and general welfare require that the area described in Exhibit "A" attached hereto and made a part hereof be declared to be an Underground Utilities District and said area is hereby declared to be an Underground utilities District pursuant to City Ordinance No. 384.

BE IT FURTHER RESOLVED AND ORDERED that all utilities to be installed in the area described in Exhibit "A" attached hereto shall be installed underground, including up to one hundred feet (100') of customer service lateral, except as specified in Sections 70.5 and 70.6 of Capitola City Ordinance No. 384.

BE IT FURTHER RESOLVED AND ORDERED that this Council finds, determines and declares that the public interest, health, safety and general welfare require that whenever aboveground utilities which are in operation in the area described in Exhibit "A" attached hereto on the date this resolution is adopted, are to be reinstalled in a different location within said area, such utilities shall be reinstalled underground.

BE IT FURTHER RESOLVED AND ORDERED, that within ten (10) days after the passage of this resolution, the City Clerk shall notify all affected utility companies and all affected property owners by mailing them a copy of this resolution and a copy of Capitola City Ordinance No. 384.

BE IT FURTHER RESOLVED AND ORDERED that this Council finds, determines, and declares that the removal of existing poles, overhead wires and associated overhead structures and the underground installation of wires and facilities for supplying electric, communication or similar associated service within the area specified herein is in the general public interest for the following reasons:

Attachment: Resolution 3098 (Undergrounding Resolution)

RESOLUTION NO. 3098

1. Such undergrounding will avoid or eliminate an unusually heavy concentration of overhead electric facilities;

2. Said street or road or right-of-way is extensively used by the general public and carries a heavy volume of pedestrian or vehicular traffic; and

3. Said street or road or right-of-way adjoins or passes through a civic area or public recreation area or an area of unusual scenic interest to the general public.

BE IT FURTHER RESOLVED, that all poles, overhead wires and associated structures shall be removed and underground installation made in said Underground District No. 6 within the following times:

A. Underground installation by utility companies and property owners and reconnections not later than September 15, 2004, for Area 6A as designated in Exhibit A; and September 15, 2005, for Area 6B as designated in Exhibit A.

B. Removal of all overhead Pacific Bell communications facilities no later than 90 days after removal of PG&E overhead electrical facilities.

C. Removal of poles, overhead wires and other associated overhead structures not later than December 15, 2004 for Area 6A as designated in Exhibit A; and December 15, 2005, for Area 6B as designated in Exhibit A.

I HEREBY CERTIFY that the foregoing resolution was passed and adopted by the City Council of the City of Capitola at its regular meeting held on the 21st day of November, 2000, by the following vote:

AYES: Council Members Ortiz, Gualtieri, Norton and Mayor Arthur

NOES: None

ABSENT: Council Member Harlan

ABSTAIN: None

Bruce Arthur, Mayor

ATTEST:

Patricia Evans

Patricia Evans, Deputy City Clerk

Attachment: Resolution 3098 (Undergrounding Resolution)

RESOLUTION NO. 3098

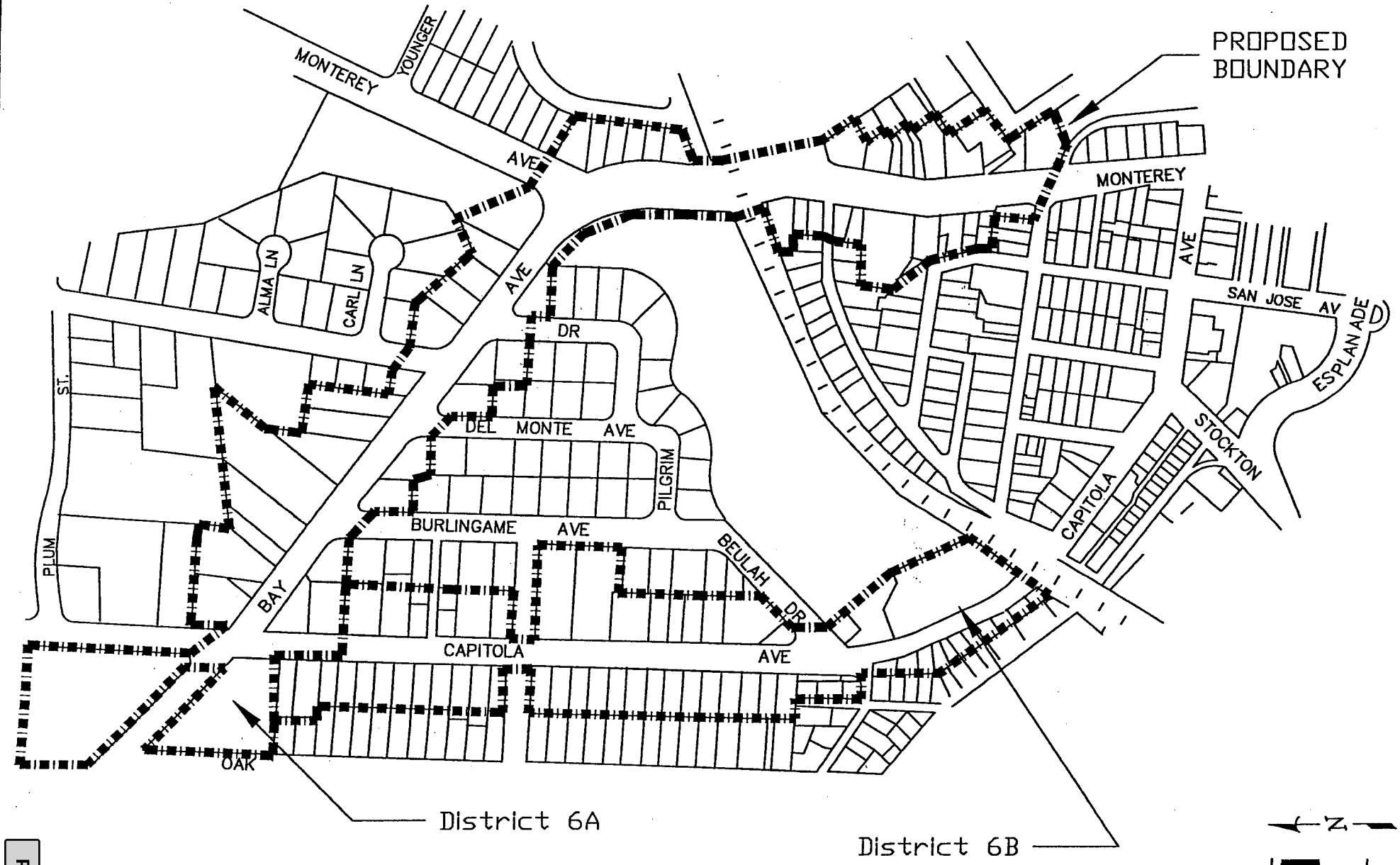
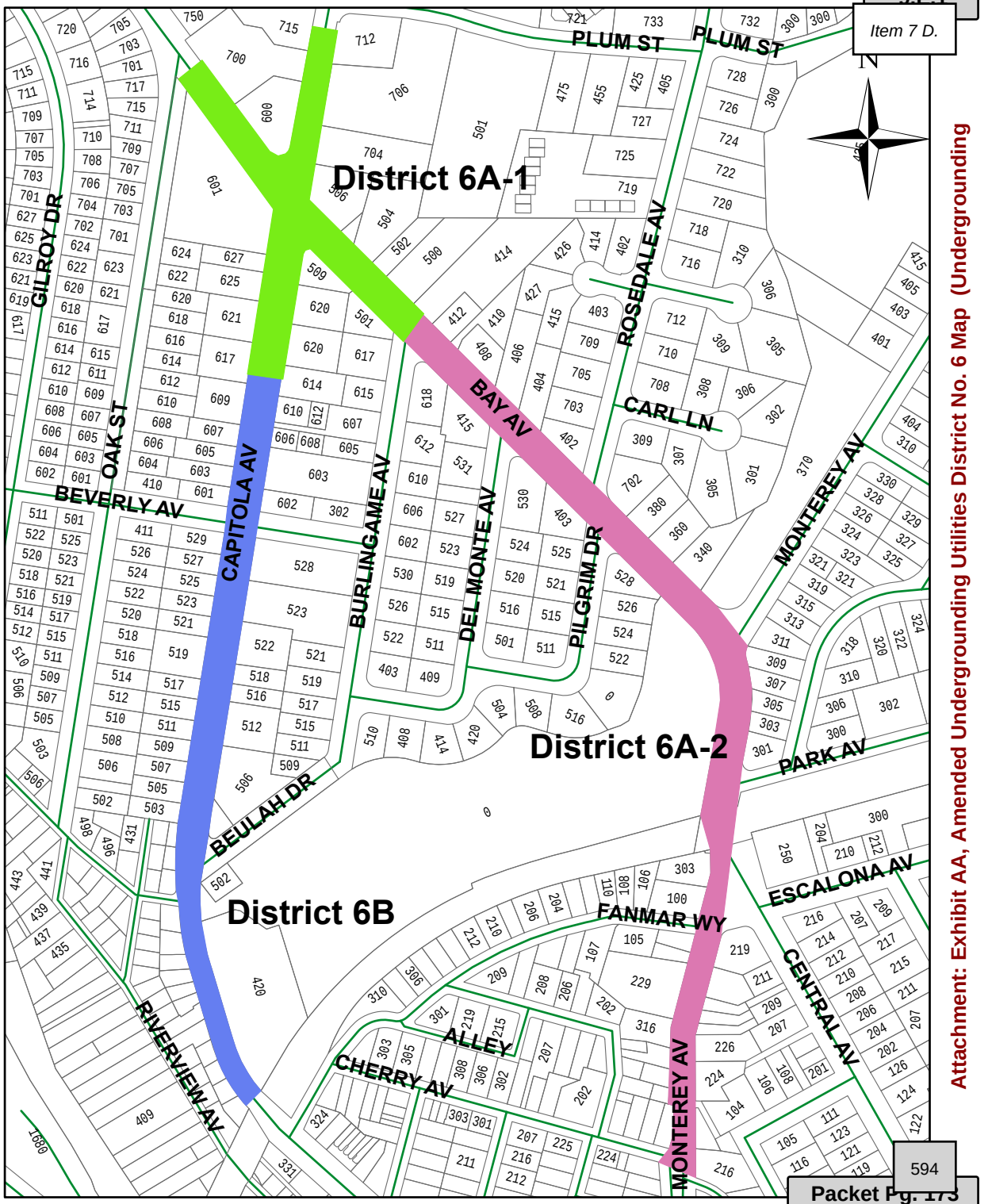


EXHIBIT 'A'
CITY OF CAPITOLA

Attachment: Resolution 3098 (Undergrounding Resolution)

EXHIBIT 'AA'
CITY OF CAPITOLA
AMENDING
UNDERGROUND DISTRICT 6

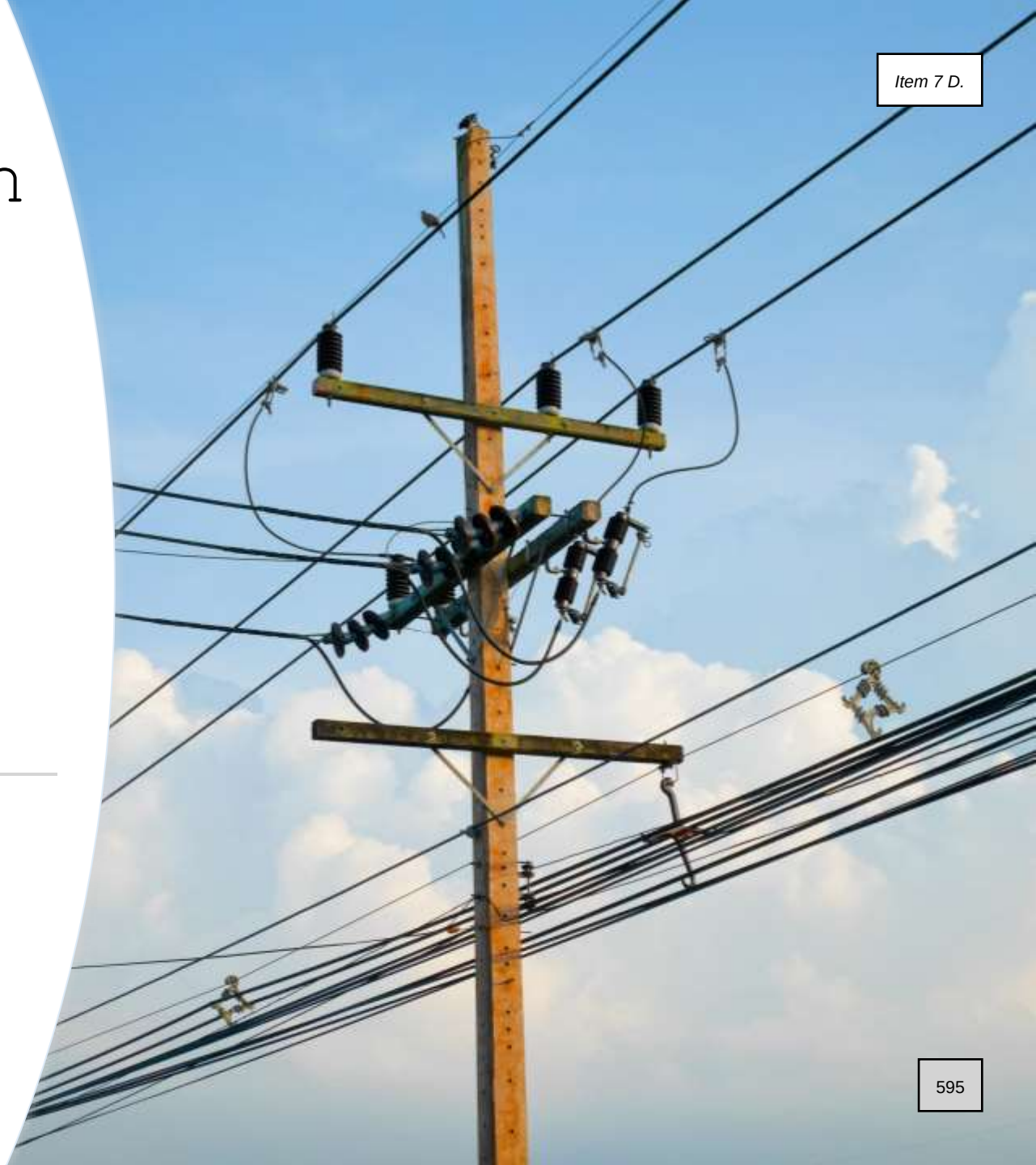


Attachment: Exhibit AA, Amended Undergrounding Utilities District No. 6 Map (Undergrounding

Underground Utility District No. 6 and Rule 20A Program Update

City Council

August 27, 2026



Utility District No. 6 and Rule 20A

CPUC Underground Utility Program

- Underground overhead utilities using utility-funded credits
- Administered through PG&E
- Program expires in 2033

Projects Must Be Within Established Districts

- Limited to previously established underground utility districts
- Rule 20A projects must be 600’ or one block
- New districts are unlikely to be completed before program expiration

Capitola Context

- Remaining opportunity is limited to existing District No. 6 implementation areas

Utility District No. 6 and Existing Underground Utility Rule 20A Districts

Established by Ordinance No. 384 (CMC 13.08)

- No. 1 (1975) – Village Core (South of Capitola Ave)
- No. 2 (1980) – Wharf Rd/ Cliff Dr Intersection
- No. 3 (1981) – West Grace St
- No. 4 (1984) – Village Expansion (Capitola Ave)
- No. 5 (1991/1993) – Capitola Rd (45th to Wharf

Existing District Resolutions Generally Require

- Underground utility installation
- Relocated utilities to remain underground
- Removal of poles and overhead facilities

Utility District No. 6 and Undergrounding Benefits and Rule 20A Constraints

Potential Benefits

- Improved aesthetics
- Improved utility reliability
- Long-term infrastructure modernization
- Potential coordination with other improvements

Key Constraints

- City costs not covered by Rule 20A credits
- Easement acquisition and utility coordination
- Limited time remaining before 2033
- Uncertain final costs and construction schedules

Utility District No. 6 and Rule 20A Credit Status

Current PG&E Rule 20A Credit Balance

- Approximately $3.08 million available
- Approximately $45,000 spent on 6A-1 development (not yet deducted)
- Additional planning and coordination costs continue to accrue

Rule 20A Credits Generally Cover

- Eligible PG&E engineering and coordination
- Eligible PG&E underground construction

Potential City Costs

- Easement acquisition
- Roadway and sidewalk restoration
- Replacement street lighting
- Costs exceeding available work credits

Utility District No. 6 and Rule 20A

District No. 6 Background

Established

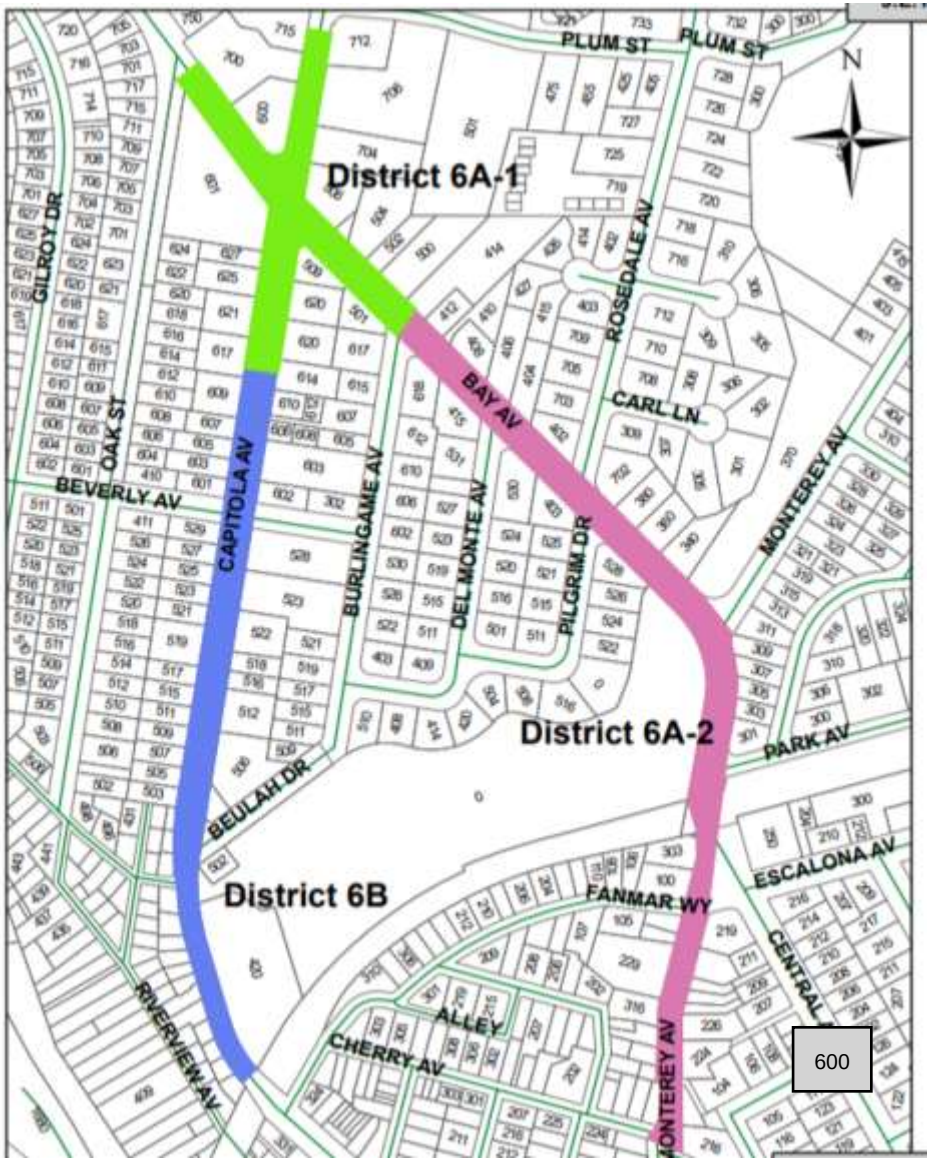
- 2000 by Resolution 3098
- 2019 District subdivided into:
  - 6A-1
  - 6A-2
  - 6B

Phased Implementation

- Available Rule 20A credits
- Project feasibility

Most Advanced Phase

- 6A-1 advanced furthest in planning and coordination
- Located near Bay Ave / Capitola Ave intersection



Utility District No. 6 and Rule 20A Status: Original Approach

Original Approach

- Coordinate undergrounding with the proposed Bay Avenue/Capitola Avenue roadway project
- Combine utility and roadway work where

Benefits of Combined Construction

- Reduced duplicate restoration
- Improved construction coordination, share costs with grant-funded projects
- Shared traffic-control and restoration work
- Reduced disruption to the corridor

Utility District No. 6 and Rule 20A Status: Work Completed

Planning Completed

- Preliminary engineering
- Joint-trench planning
- Initial utility coordination

Remaining Steps

- Confirm utility participation
- Acquire required easements
- Complete final utility coordination
- Update costs and schedule construction through PG&E

Key Implication

- Without the roadway project, standalone restoration costs and potential PG&E cost overruns remain uncertain

Utility District No. 6 and Rule 20A Alternative District 6 Projects

6A-2 – Most Constrained District

- Challenging topography
- Historic resources
- Numerous utility services
- Likely requires substantially more credits than are available

6B – Potential Alternative

- Would require new engineering, joint-trench planning and utility coordination
- Prior District 6A-1 costs reduce remaining credits
- Easements, funding and utility requirements remain unresolved
- Completion before 2033 may be possible but is not assured

Utility District No. 6 and Rule 20A Level Cost Comparison

6A-1

- Previous PG&E estimate: approximately $4.5 million
- Preliminary engineering and coordination

6B

- 2019 PG&E estimate: approximately $3.3 million
- Comparable planning and design has not been completed

Important Limitations

- Neither estimate is a current project budget
- Estimates were prepared at different levels of development
- 6B estimate likely materially understates current costs
- Estimates cover utility undergrounding only
- Additional City funding would be required

Utility District No. 6 and Rule 20A Paths Forward

Option 1 – Continue Advancing 6A-1

- Builds on completed planning and coordination
- Requires utility confirmation, easements and updated costs
- Standalone restoration costs remain uncertain
- May discontinue in future if costs or feasibility become unfavorable

Option 2 – Initiate Project for Different District

- Requires substantial new engineering and utility coordination
- Cost and schedule remain highly uncertain
- Could consume significant credits before construction
- Completion before 2032 is not assured

Option 3 – Discontinue all Rule 20A Projects

- Notify PG&E City will not proceed
- Remaining Rule 20A credits forfeited

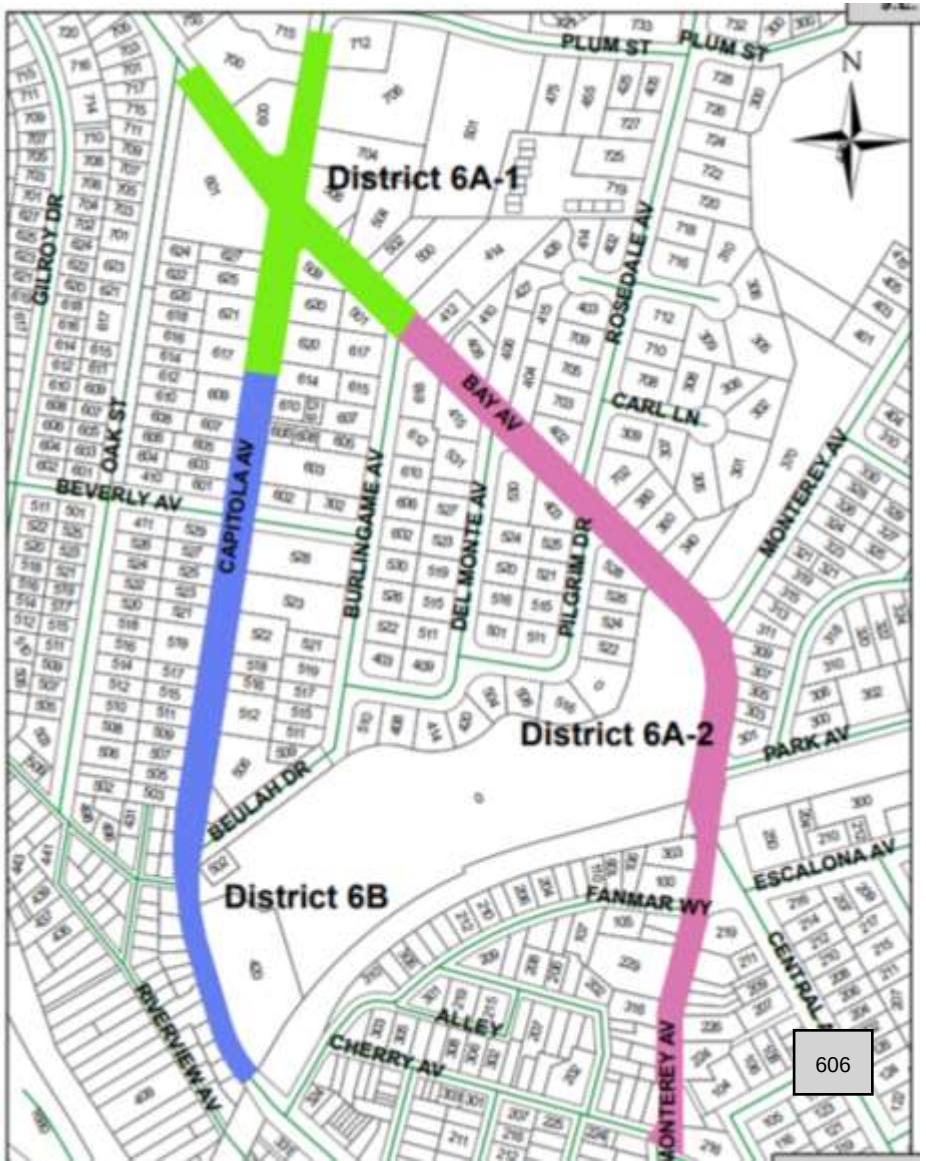
Utility District No. 6 and Rule 20A

Item 7 D.

Recommended Action

Receive information and provide direction regarding

- Continued advancement of District 6A-1
- Direct staff to initiate undergrounding project with PG&E for another District
- Discontinuation of District No. 6 undergrounding efforts



Capitola City Council

Agenda Report

Meeting: August 27, 2026

From: Public Works Department

Subject: Bay Avenue Corridor Safety Improvements

Recommended Action: Direct staff to proceed with the proposed safety improvements at Bay Avenue/Hill Street and Bay Avenue/Center Street.

Background: Bay Avenue is one of Capitola's primary transportation corridors, providing regional access between State Route 1, Capitola Village, adjacent commercial areas, and surrounding residential neighborhoods. The corridor accommodates high volumes of vehicle, pedestrian, and bicycle traffic and has been the focus of several recent transportation planning efforts. It has been identified as a priority corridor in the City's Local Roadway Safety Plan.

On May 14, 2026, following additional community outreach and public input, the City Council directed staff not to proceed with the previously proposed roundabouts at the Bay Avenue/Hill Street and Bay Avenue/Capitola Avenue intersections. Instead, Council directed staff to return with a package of alternative safety improvements, including enhanced lighting, improved pedestrian visibility, upgraded pavement markings, and evaluation of a new pedestrian crossing near Center Street.

On July 23, 2026, Council reviewed conceptual improvements for the Bay Avenue corridor. Council directed staff to implement lighting at Bay Avenue and Hill Street, provide information or examples of existing solar-lighting installations, and return in August with additional traffic information concerning the proposed Bay Avenue and Center Street crossing. Council also expressed its intent to complete a raised crossing at Center Street with safety lighting, subject to review of the traffic information.

Discussion: The City Council will be considering Rule 20A undergrounding as a separate item on the August 27th meeting agenda. This report is limited to the Bay Avenue safety improvements directed by Council at its July 23rd meeting.

Bay Avenue & Hill Street: The Bay Avenue and Hill Street intersection remains a high-priority location because of its proximity to Highway 1, Nob Hill Foods, the Rispin Bridge, the Bay Avenue Senior Apartments, and Capitola Village. Existing safety features include reflective pavement markings, flashing stop signs, delineation improvements, and pedestrian crossing flag stations.

Consistent with Council direction, staff recommends proceeding with the following permanent improvements:

- Replacement of the existing temporary flashing stop signs with permanent flashing stop-sign assemblies; and
- Installation of two solar-powered overhead lights within the existing pedestrian refuge medians.

The permanent assemblies would improve long-term reliability and reduce maintenance, while the proposed lighting would improve nighttime pedestrian visibility without requiring new PG&E service, trenching, or underground electrical conduit. The planning-level cost remains approximately $15,000 to $20,000 for permanent flashing stop signs and $30,000 to $40,000 for two solar lights, for a total of $45,000 to $60,000.

To date, no solar light manufacturer has provided a free sample light to the City. The closest installed example of the light that staff is proposing to utilize is located in Monterey County. Attached to the staff report are example photos of the proposed light.

Bay Avenue & Center Street Pedestrian Crossing: Center Street forms a T-intersection with Bay Avenue. Vehicles exiting Center Street may turn left or right onto Bay Avenue. Northbound Bay Avenue vehicles may turn left into Center Street, while southbound vehicles may turn right. The proposed project would provide a new marked crossing of Bay Avenue and a raised crossing across the Center Street approach.

The proposed improvements include:

- A high-visibility raised pedestrian crossing across Bay Avenue;
- A high-visibility marked crossing across the Center Street approach;
- ADA-compliant curb ramps and curb extensions;
- A hardscape pedestrian refuge median;
- Rectangular rapid flashing beacons;
- Solar overhead lighting;
- Enhanced warning signs and pavement markings;
- Removal of the existing channelized right-turn lane; and
- Associated drainage and roadway improvements.

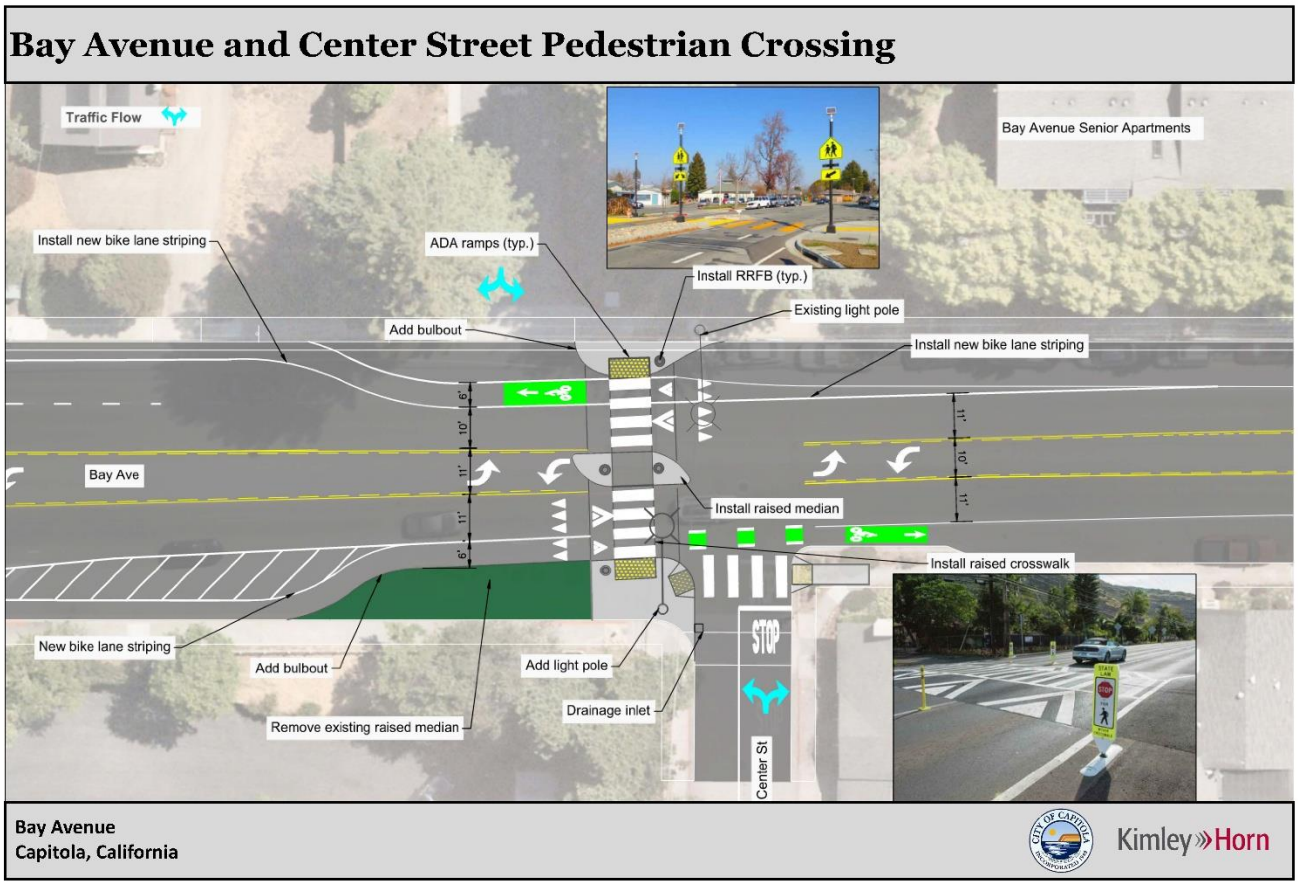


Figure 1. Conceptual Bay Avenue & Center Street Pedestrian Crossing

Traffic Volume and Stop-Control Review: Bay Avenue carries approximately 10,216 vehicles over an entire day between Hill Street and Capitola Avenue. Its highest recorded hourly volume was approximately 855 vehicles. Center Street carries approximately 900 vehicles over an entire day, with an average of 38 vehicles per hour. The highest reported average hourly volume for any day and time period was 57 vehicles per hour.

Roadway	Daily Volume	Average Hourly	Highest Hour/Period	CA MUTCD Criterion
Bay Avenue, Hill Street to Capitola Avenue	10,216	426*	855	300/hour major street
Center Street	900	38	57	200/hour minor street**

** Daily volume divided by 24 hours; shown only for context.*
*** Minor-street threshold includes vehicles, pedestrians, and bicycles and must be met during the same time period as the major-street threshold is met.*

The California Manual on Uniform Traffic Control Devices' volume-based criteria for multiway stop control generally require at least 300 vehicles per hour on the major street and at least 200 vehicles, pedestrians, and bicycles per hour on the minor-street approaches during the same time period. Although Bay Avenue exceeds the major-street threshold during portions of the day, Center Street does not approach the corresponding minor-street threshold. Its highest reported volume is 57 vehicles per hour (less than 30 percent of the 200-per-hour criteria), and that figure includes vehicles traveling both toward and away from Bay Avenue.

Because only a portion of those 57 vehicles would be approaching the intersection, the actual minor-street approach volume is lower still. Based on the available traffic data, the intersection does not satisfy the volume-based criteria for installing stop signs on Bay Avenue.

Turning Movements and Median Clearance: During the July 23rd discussion, Council raised concerns regarding whether the proposed Bay Avenue crossing and pedestrian refuge could make the left turn from Center Street more difficult or create an additional safety concern. The available Center Street data combines traffic traveling in both directions and does not separately identify vehicles entering Center Street, turning right onto Bay Avenue, or turning left onto Bay Avenue.

Assuming traffic entering and exiting Center Street is approximately balanced, about half of the reported Center Street traffic would be outbound. This represents approximately 19 outbound vehicles during an average hour and approximately 29 outbound vehicles per hour during the busiest reported time period. Left turns would represent only a portion of those outbound movements. Accordingly, the number of vehicles making the left turn affected by the proposed Bay Avenue crossing is expected to be relatively low.

As a conservative design check, the project engineer prepared a swept-path analysis using a fire truck, which is substantially larger than the passenger vehicles that would typically make this movement. Although fire apparatus would not ordinarily be expected to use this particular turn, the analysis demonstrates that a large vehicle can turn left from Center Street onto Bay Avenue and maneuver around the proposed hard median refuge without mounting it. Final design will confirm the precise median geometry, visibility, equipment placement, and turning clearances.

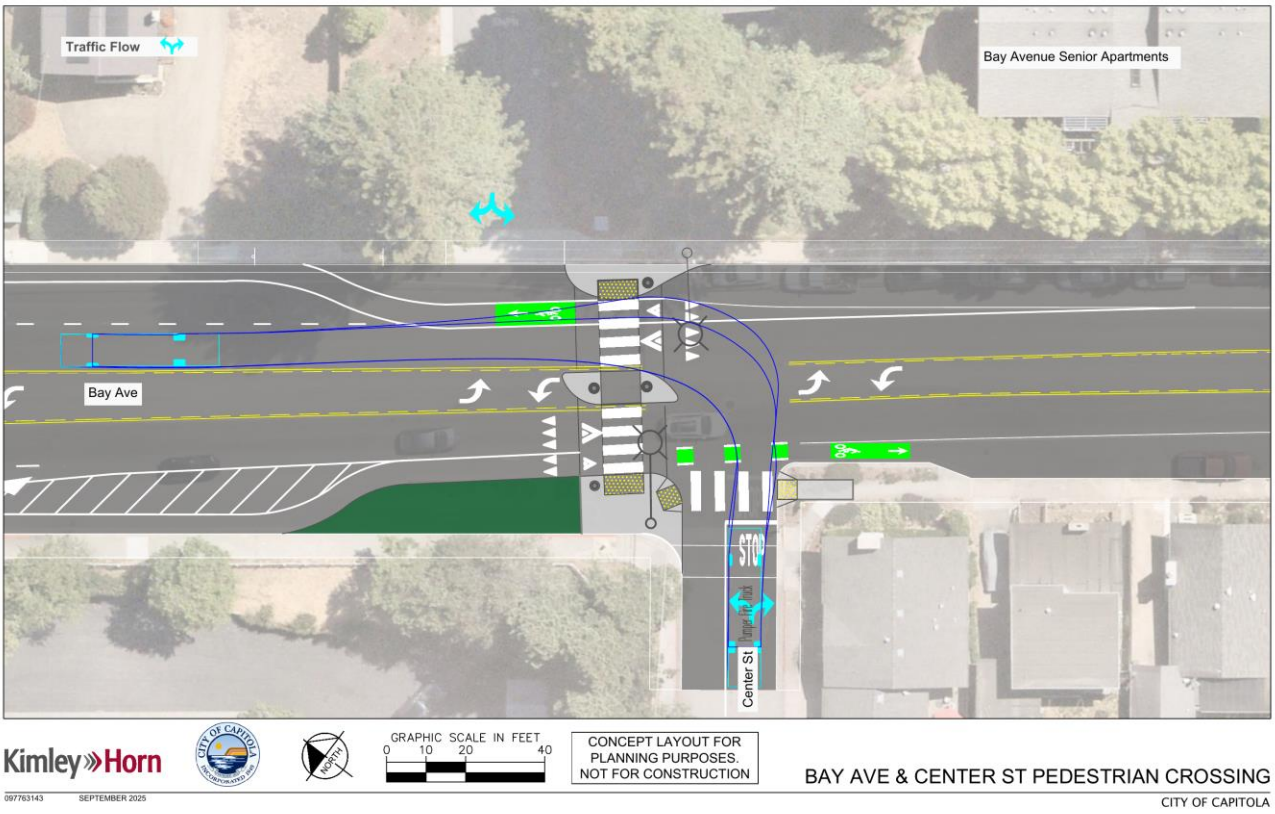


Figure 2. Fire-truck swept-path analysis for a left turn from Center Street onto Bay Avenue.

Crossing Location Alternatives: Staff evaluated whether the Bay Avenue crossing should instead be located on the south side of the Center Street intersection. Although this alternative has not been advanced as an engineered concept, staff considered its potential effects on parking, vehicle operations, pedestrian travel, and adjacent properties.

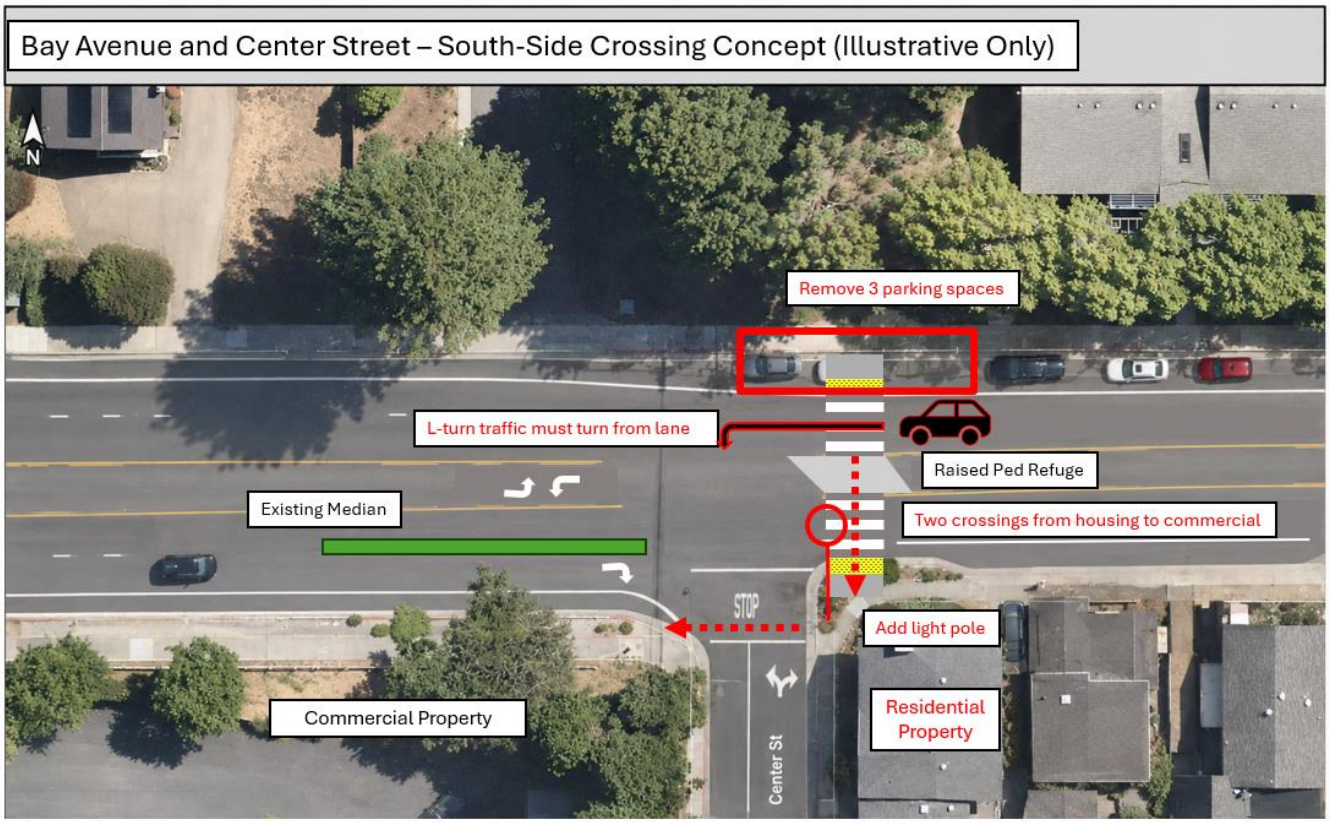
The south-side alternative would remove approximately two additional on-street parking spaces and eliminate the existing northbound Bay Avenue left-turn storage area. A vehicle waiting for a gap to turn left into Center Street would therefore remain in the northbound through lane and would stop traffic on Bay Avenue until the vehicle was able to complete the left turn. This location would also require pedestrians traveling between the Bay Avenue Senior Apartments and commercial destinations at the shopping center to cross both Bay Avenue and Center Street. In addition, more crossing infrastructure would be placed adjacent to residential rather than commercial frontage.

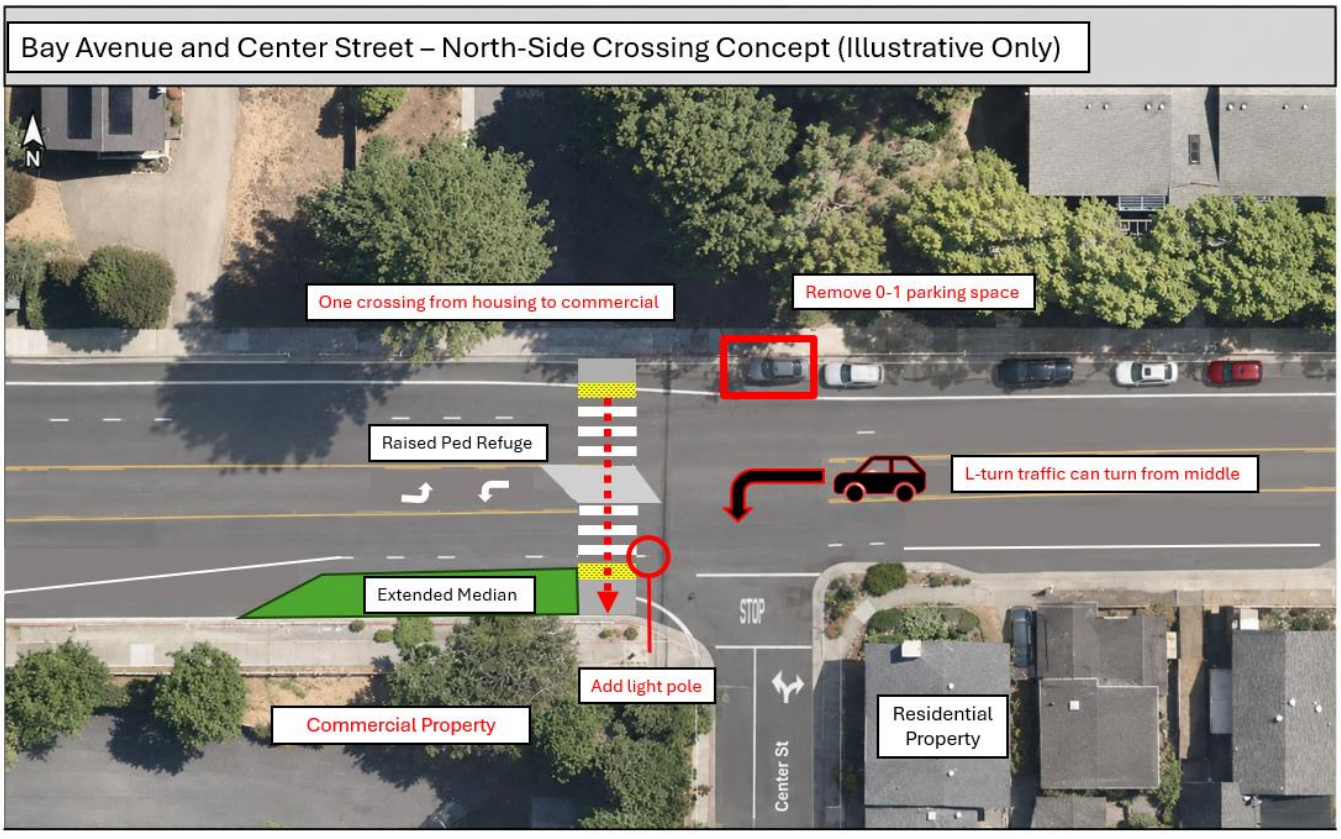
At the proposed location, drivers turning left from Center Street would be required to yield to pedestrians within the Bay Avenue crossing. The raised crossing, high-visibility markings, pedestrian refuge, lighting, and RRFBs would improve pedestrian visibility. Available traffic data indicates that left-turn volumes are expected to be low, and the swept-path analysis demonstrates that an oversized vehicle can complete the turn around the proposed refuge.

The proposed design would also remove the channelized right-turn lane from Center Street. Vehicles would instead approach Bay Avenue from a defined stop-controlled position. The tighter geometry would reduce turning speeds, shorten the pedestrian crossing distance, and improve visibility between drivers and pedestrians. The downstream merge area would be shortened, potentially helping to reduce overall vehicle speeds at the crossing.

The proposed crossing location preserves two additional parking spaces, avoids interference with the northbound left-turn pocket, accommodates the pedestrian refuge, and provides a more direct connection

between the senior apartments, transit, and commercial destinations. Staff therefore recommends retaining the location shown in Figure 1.





Staff has reached out to Redtree and Crossroads commercial centers, and they did not express concerns with the proposed project.

Fiscal Impact: The planning-level cost estimate is approximately $45,000 to $60,000 for the Bay Avenue and Hill Street improvements and $300,000 to $350,000 for the Bay Avenue and Center Street crossing, for a combined estimated cost of $345,000 to $410,000.

On August 7, 2026, City staff met with Congressman Jimmy Panetta to discuss the proposed Bay Avenue and Center Street pedestrian crossing and the intended use of the $250,000 Community Project Funding award.

The City has been awarded $250,000 in Community Project Funding, secured through Congressman Panetta's office, to support construction of Bay Avenue improvements. Staff is currently awaiting completion of the federal grant administration process before those funds can be obligated. The award requires an approximately $65,000 non-federal match.

The City also has approximately $350,000 in Regional Transportation Improvement Program funding programmed for Bay Avenue improvements. Staff anticipates using a portion of these funds to satisfy the Community Project Funding match, with the remaining balance available for the recommended Bay Avenue improvements or as local match for other grant funding.

In addition, the City submitted an application under the FY 2026 Safe Streets and Roads for All Implementation Grant Program seeking funding for safety improvements at Bay Avenue and Hill Street, Bay Avenue and Capitola Avenue, Bay Avenue and Center Street, and other corridor improvements. Award announcements are anticipated in fall 2026.

The recommended improvements may be implemented in phases based on final design, grant requirements, and funding availability. Subject to Council direction and completion of the Community Project Funding documentation, staff anticipates completing final design and procurement during fall and winter 2026 and constructing the Bay Avenue and Hill Street and Bay Avenue and Center Street improvements in spring 2027.

Depending on grant outcomes, remaining RTIP funds may be used for Bay Avenue construction, required local matching funds, or other eligible transportation projects as authorized by the City Council. Individual construction contracts and any necessary budget amendments will return to the City Council for consideration as the projects advance.

Attachments:

1. Lighting Examples
2. Public Comment Received Before Agenda Packet Printed

Alignment with 2025-2029 Strategic Plan Priority: Community Safety; Healthy Families, Community, and Environment; Sustainable Infrastructure

Report Prepared By: Jessica Kahn, Public Works Director

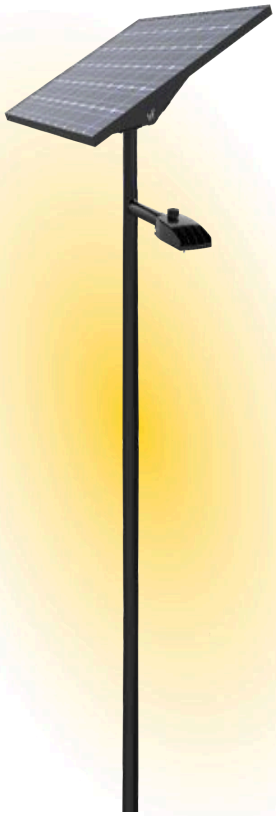
Reviewed By: Julia Gautho, City Clerk; Marc Tran, City Attorney

Approved By: Jamie Goldstein, City Manager

Solution Overview

SYSTEM CONFIGURATION

MODEL	EverGen 3
SYSTEM COLOR	RAL 9005
TILT ANGLE	25°
SOLAR PANEL WATTAGE	400 Wp
REMOTE MONITORING	



Battery Details

BATTERY TYPE	Lithium-ion (LiFePO4)
BATTERY CAPACITY	2048 Wh
OPERATING TEMPERATURE RANGE	-4°F to +140°F

Fixture Details

LED FIXTURE	ATBMicro P106
LUMENS PER FIXTURE (APPROX.)	7026
INDIVIDUAL FIXTURE WATTAGE	44 W
LIGHT COLOR TEMPERATURE	4000 K
OPTICAL DISTRIBUTION TYPE	Type IV
FIXTURE(S) PER SYSTEM	1

Operating Profile



CONSTANT LIGHT OUTPUT IS MAINTAINED THROUGHOUT THE NIGHT. NO DIMMING.

Warranty Details

SOLAR ENGINE AND ELECTRONICS	10 years
BATTERY	10 years
FIXTURE	Manufacturer's warranty
POLE (IF PROVIDED)	Manufacturer's warranty

Additional Details

WEIGHT (ENGINE AND FIXTURE)	159.15275 lbs.
EPA (ENGINE AND FIXTURE)	11.9 sq.ft.
TENON REQUIREMENT	3.5 in. OD x 6 in. long

Order key - System

E3SLX1-9005C3H-25US-400-L2048LV-SXXXX-XX

Order key - Fixture

ATBMic P106 Solar R4 BK NR

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Solution Overview

BENEFITS OF THE EVERGEN 3

Meets IES roadway lighting standards

Achieve and maintain IES-recommended light levels for a variety of applications, including roadways, while avoiding negative health and environmental benefits.

Sized for year-round performance

Customizing the solar panel(s) and batteries to the project location and operational requirements ensures reliable, uninterrupted light 365 days a year.



Solar/AC hybrid power option

Switch seamlessly between solar and grid power to reduce peak loads , prevent blackouts, minimize system cost, and build resiliency.

Best-in-class lighting fixtures

Compatible with a variety of cobra head and decorative fixtures from Acuity Brands, top-quality optics provide directional, uniform light without glare.

Single & grouped motion detection

Systems can be equipped with sensors to brighten only when pedestrian activity is detected. Group detection can be configured to allow multiple lights to communicate with one another (e.g. when one illuminates, it triggers others nearby).

Remote monitoring & asset management

Access your systems remotely from any connected device. Locate systems on a map, view product types and warranties, download data, and receive alerts of system issues.

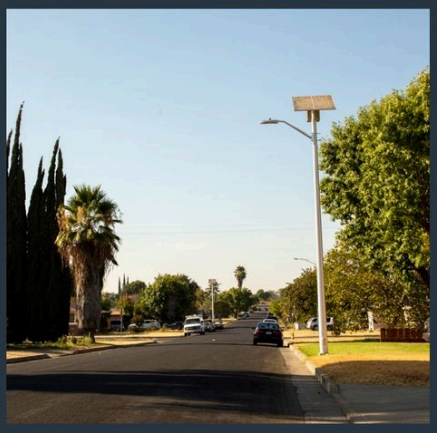
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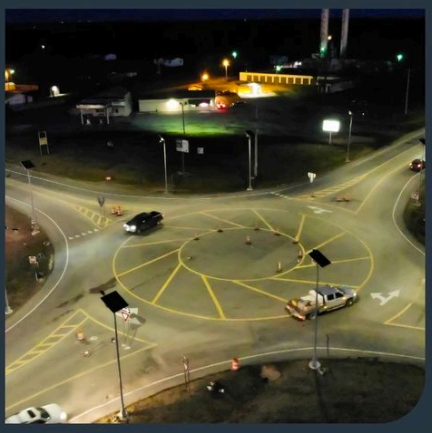
Success Stories

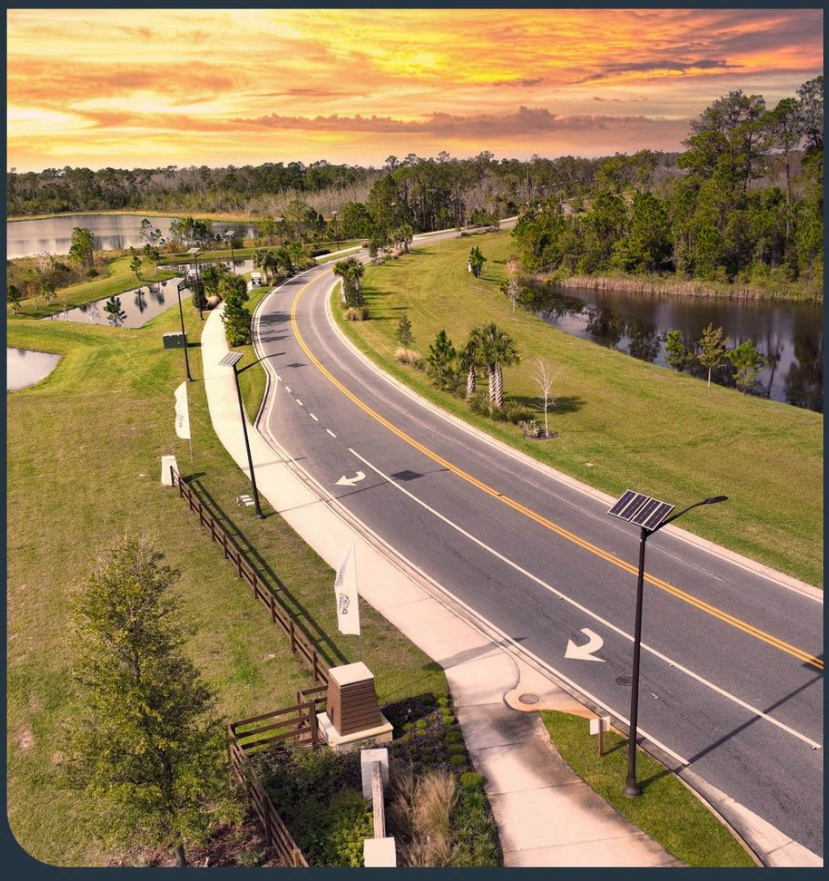
ROADWAY LIGHTING

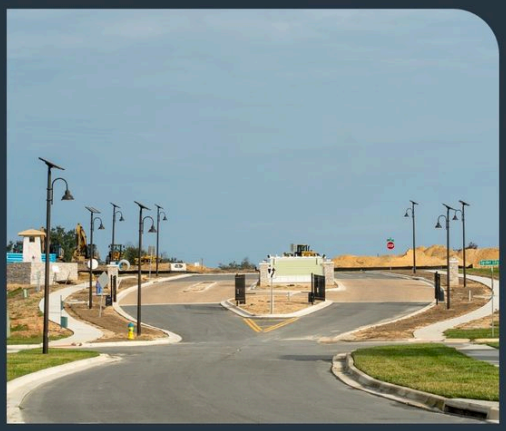














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POWER 365
SOLAR LIGHTING technology BY FONROCHE

SOLAR TECHNOLOGY

Consisting of a highly efficient photovoltaic panel, a smart storage system and the latest LED lighting, the Smartlight is the most powerful solar streetlight available on the market. The **Power 365 solar technology** developed by Fonroche Lighting guarantees a level of reliability and competitiveness that is unrivalled on the market thanks to our high-performance components and a project approach specific to each environment and approved by major transportation departments.

DESIGNED IN FRANCE

ASSEMBLED IN THE USA

8-years parts & labour



Photovoltaic Module

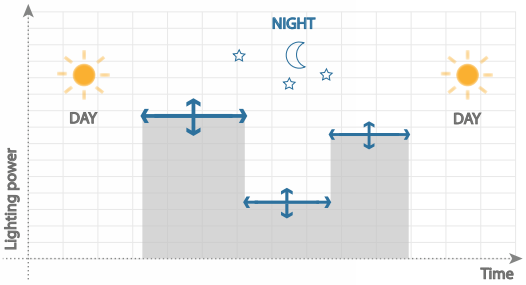
- Excellent efficiency in all climates
- Self-cleaning hydrophobic coating
- Lifespan of 30 years

LED Light

- Lighting performance exceeding 190 Lm/W
- From 40 to 80 nominal Watts
- Lifespan of 20 years

Smart Storage and Management System

- Long lifespan (12 years, or 4000 cycles)
- Easy to recycle
- Durability in extreme temperatures (From -40°F to +158 °F)
- Programmable lighting profiles:



Pole and Mounting Arm

- Sized to official AASHTO Standards or as specified

ESSENTIAL

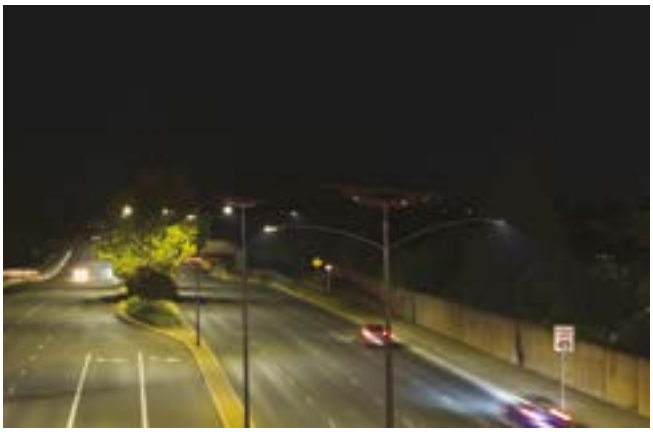
A Streamlined
and Timeless Aesthetic



ESSENTIAL

MULTI-FUNCTIONAL

With its timeless design, the ESSENTIAL luminaire can be adapted to suit any project and any setting. This highly functional luminaire with its sleek, slender lines is designed to blend in with any environment.







Applications:
roads, parking lots, housing developments, etc.

SPECIFICATIONS

Materials	Galvanized steel- aluminium casting
LED modules	Interchangable Modules - IP67 and IK09
Type of mounting arm	Galvanized steel slip fit mounting arm- **Available in a single or twin version and with backlights**
Lighting efficiency	> 190 lm/W
Color temperature	2000K- 2200K- 2700K- 3000K- 4000K
Uplight	0%
Customization	Colors
Optics	Type II - Type III - Type IV - Type CW



Gautho, Julia

From: mark Ban <markban@sbcglobal.net>
Sent: Saturday, August 15, 2026 8:10 PM
To: City Council
Subject: Bay Avenue roundabouts

Dear Capitola city Council
I would like to again express my concerns about roundabouts on Bay Avenue. As an avid cyclist, I have experience firsthand with roundabouts in both Monterey and Santa Cruz County. I strongly oppose them for safety reasons. Cyclist and pedestrians are at the mercy of drivers focusing on merging and negotiating their exit. They do not see bicyclist and pedestrians because they do not stop. Trying to change drivers mindsets will be at the peril of cyclist and pedestrians. Please be considerate of bicyclist and pedestrians when making any decisions on Bay Avenue.
Mark Ban
321 McCormick Avenue
831-588-8447
Sent from my iPad

Gautho, Julia

From: Kahn, Jessica
Sent: Monday, August 17, 2026 8:49 AM
To: City Council
Subject: FW: Bay Avenue roundabouts

Follow Up Flag: Follow up
Flag Status: Flagged

From: Kahn, Jessica
Sent: Monday, August 17, 2026 8:30 AM
To: 'mark Ban' <markban@sbcglobal.net>
Subject: RE: Bay Avenue roundabouts

Good morning,

Thank you for sharing your concerns.

For clarification, the City Council decided in May not to advance the previously considered roundabout concepts. The City is currently evaluating other safety improvements along Bay Avenue, which will be considered by the Council at its August 27 meeting.

Jessica Kahn, P.E.
Public Works Director
City of Capitola
(831) 475-7300 x 217
Please note my updated email address: jkahn@cityofcapitola.gov

---

From: mark Ban <markban@sbcglobal.net>
Sent: Saturday, August 15, 2026 8:10 PM
To: City Council <citycouncil@cityofcapitola.gov>
Subject: Bay Avenue roundabouts

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Mark Ban
321 McCormick Avenue
831-588-8447
Sent from my iPad

Bay Avenue Corridor Safety Improvements

City Council –
August 27, 2026

Bay Avenue Safety Improvements

Background

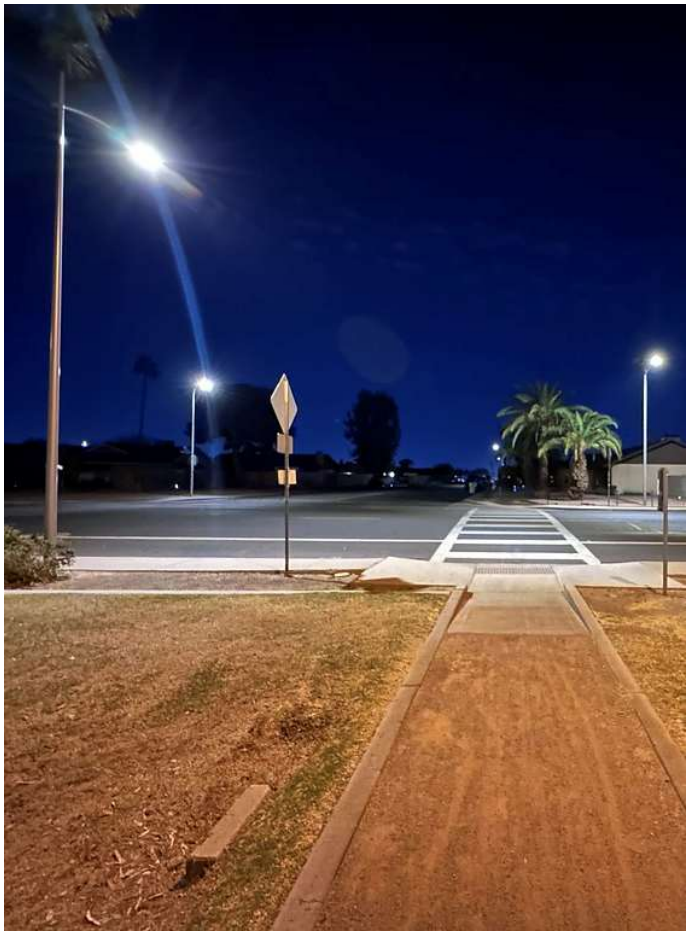
May 14, 2026 Council Direction

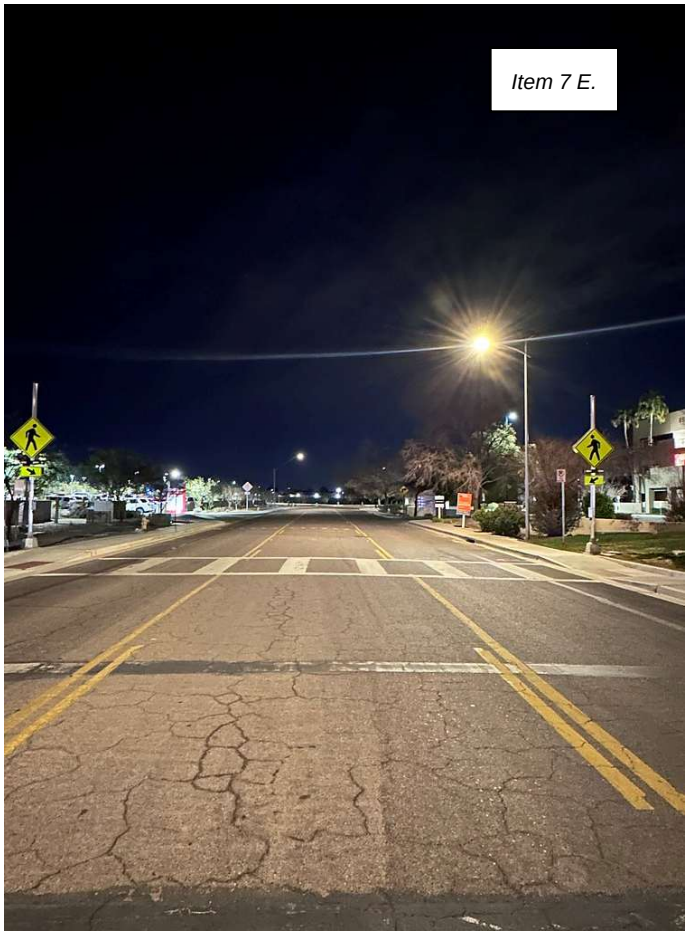
- Do not advance the previously proposed roundabouts
- Develop alternative corridor safety improvements

July 23, 2026 Council Direction

- Proceed with permanent flashing stop signs and solar lighting at Hill Street
- Return with additional traffic information for proposed Center Street crossing
- Intent to complete Center Street crossing, subject to review







Why Solar Lighting?

- Improves nighttime pedestrian visibility
- Avoids new PG&E service
- Avoids trenching and underground conduit
- Reduces installation time and cost


WARNING


FONROCHE
lighting

Bay Avenue Safety Improvements

Center Street Crossing

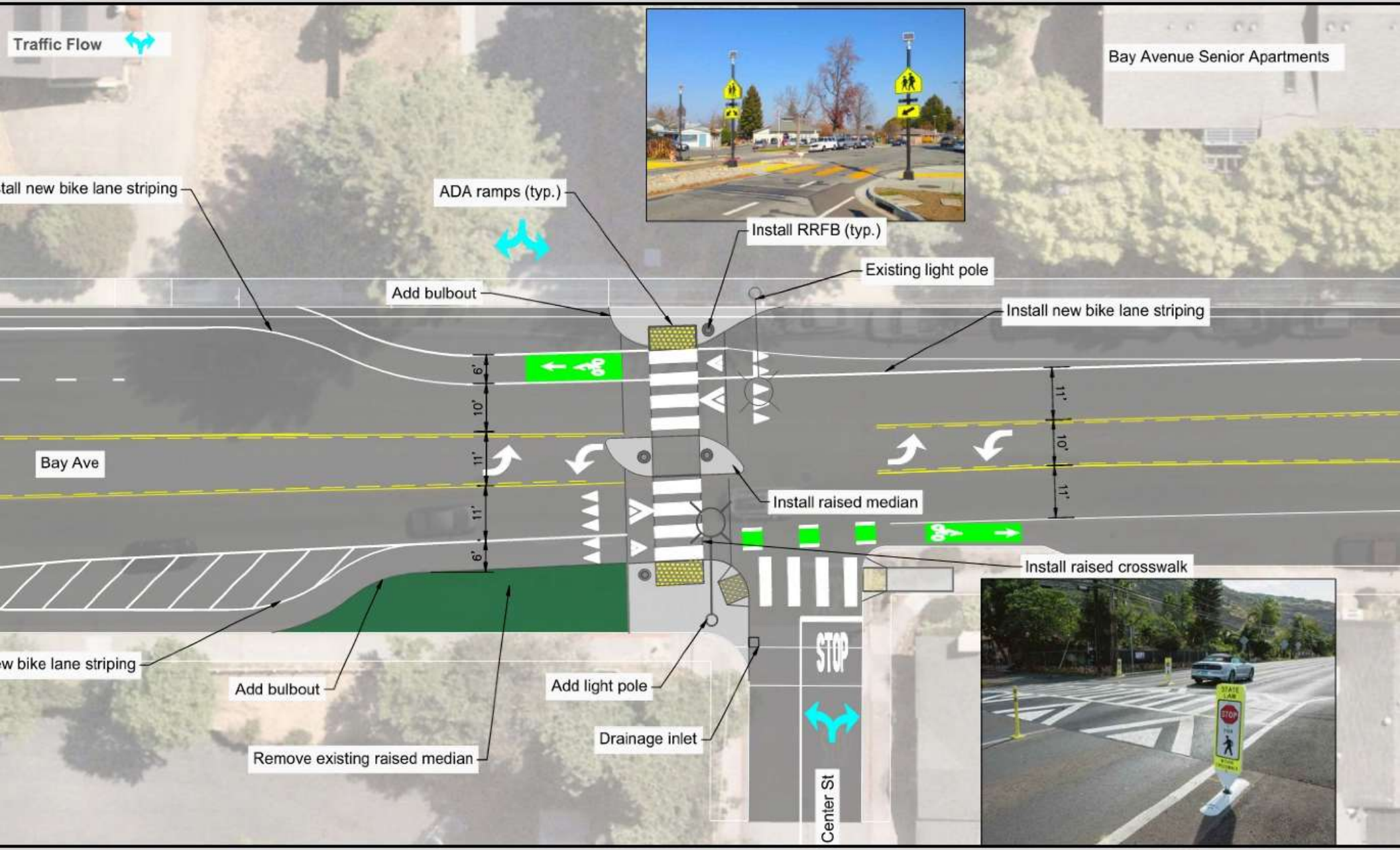


- Raised crossing across Bay Avenue
- Marked crossing across Center Street
- ADA ramps and curb extensions
- Pedestrian refuge median
- Flashing pedestrian beacons
- Solar lighting
- Enhanced signs and markings
- Removal of channelized right-turn lane
- Drainage and roadway improvements



Planning-Level Cost:
$300,000–$350,000

y Avenue and Center Street Pedestrian Crossing



Bay Avenue Safety Improvements

Center Street Crossing



Bay Avenue Safety Improvements

Traffic Volumes and Stop-Control Review

Bay Avenue

- 10,216 vehicles per day
- Peak hour: 855 vehicles

Center Street

- 900 vehicles per day
- Peak hour: 57 vehicles

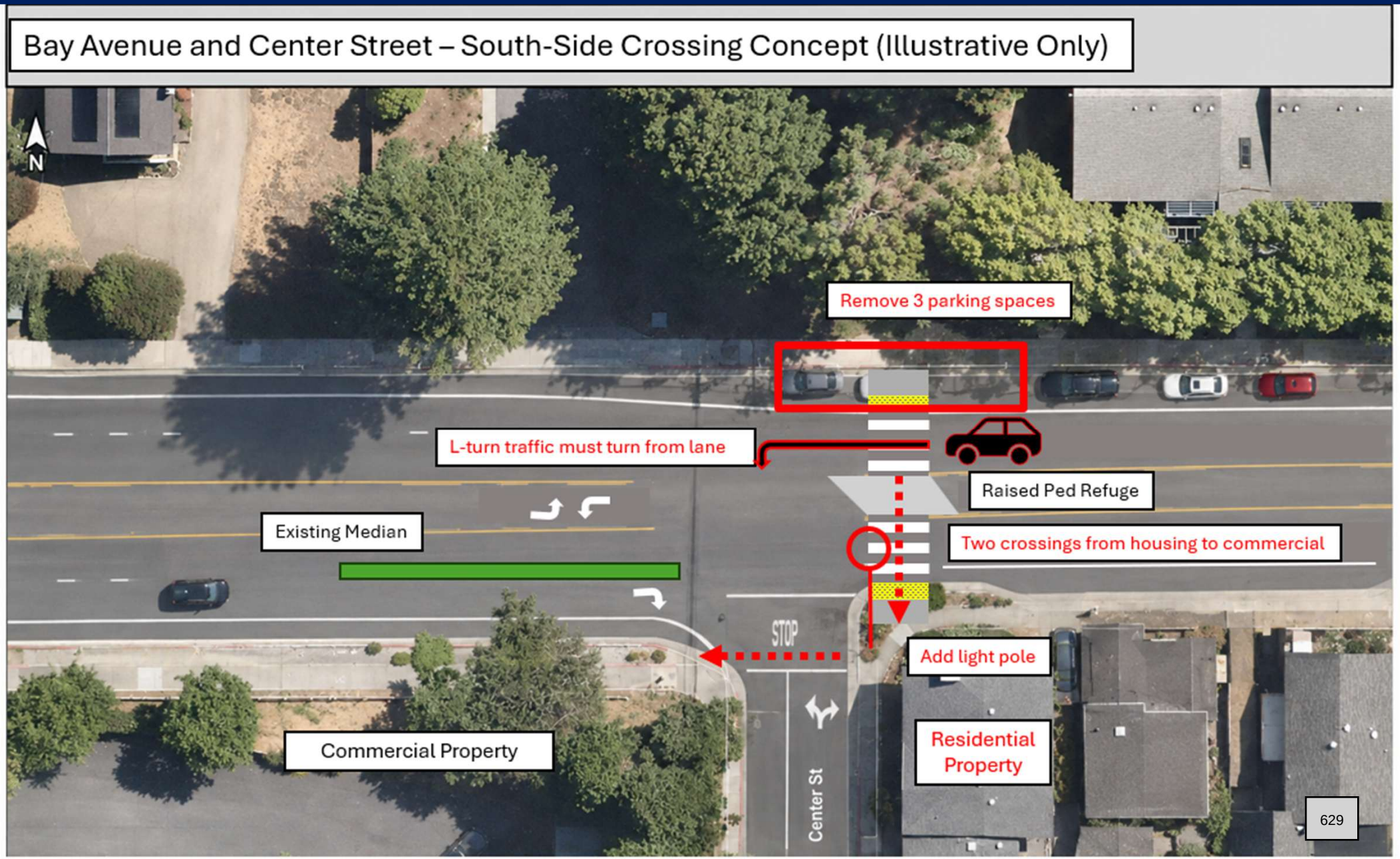
California MUTCD Criteria

- Major street: 300 per hour
- Minor street: 200 per hour during the same eight hours

Center Street is well below threshold; multiway stop criteria are not met.

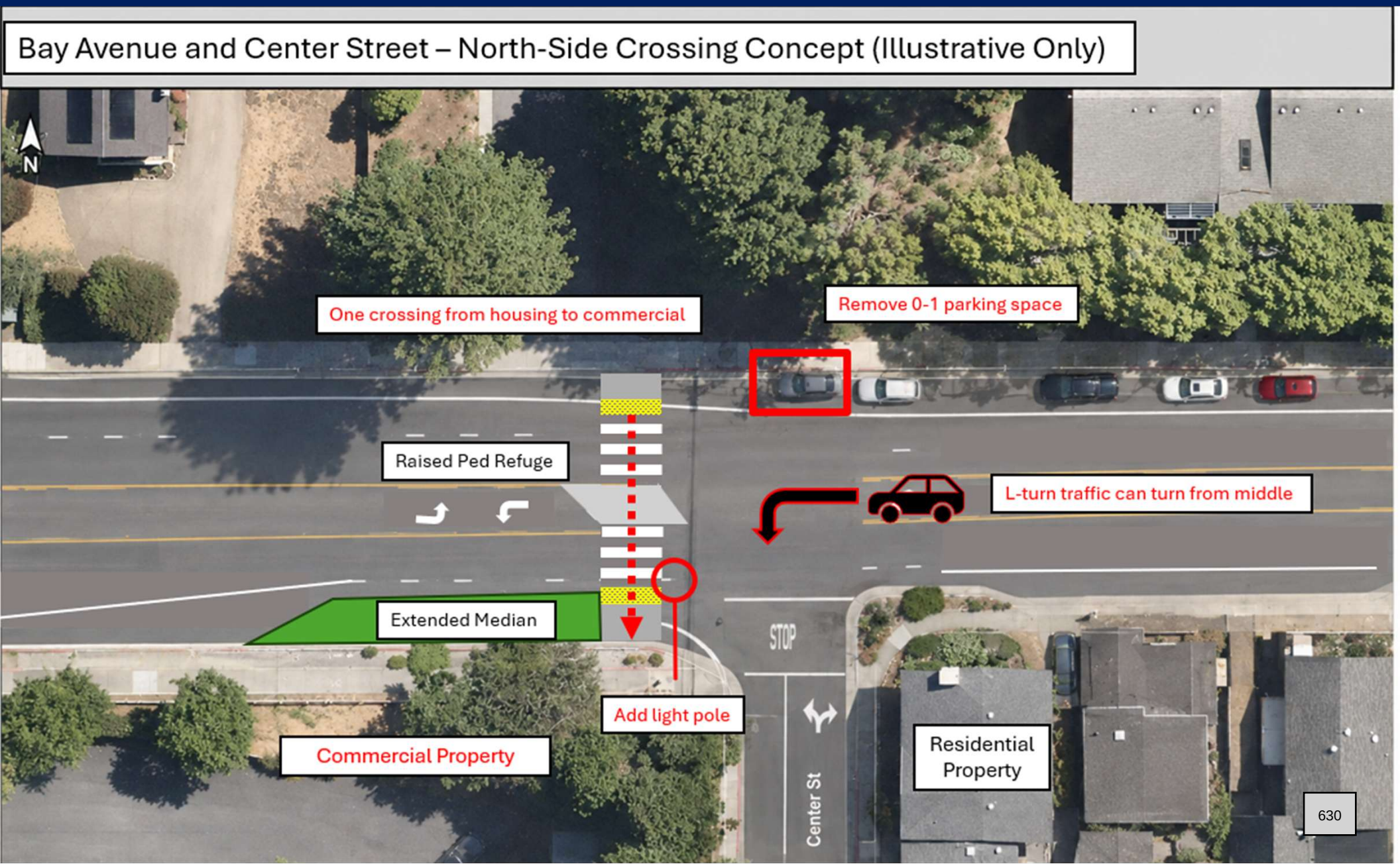
Bay Avenue Safety Improvements

Center Street Crossing



Bay Avenue Safety Improvements

Center Street Crossing



Bay Avenue Safety Improvements

Center Street Crossing – Recommended Location

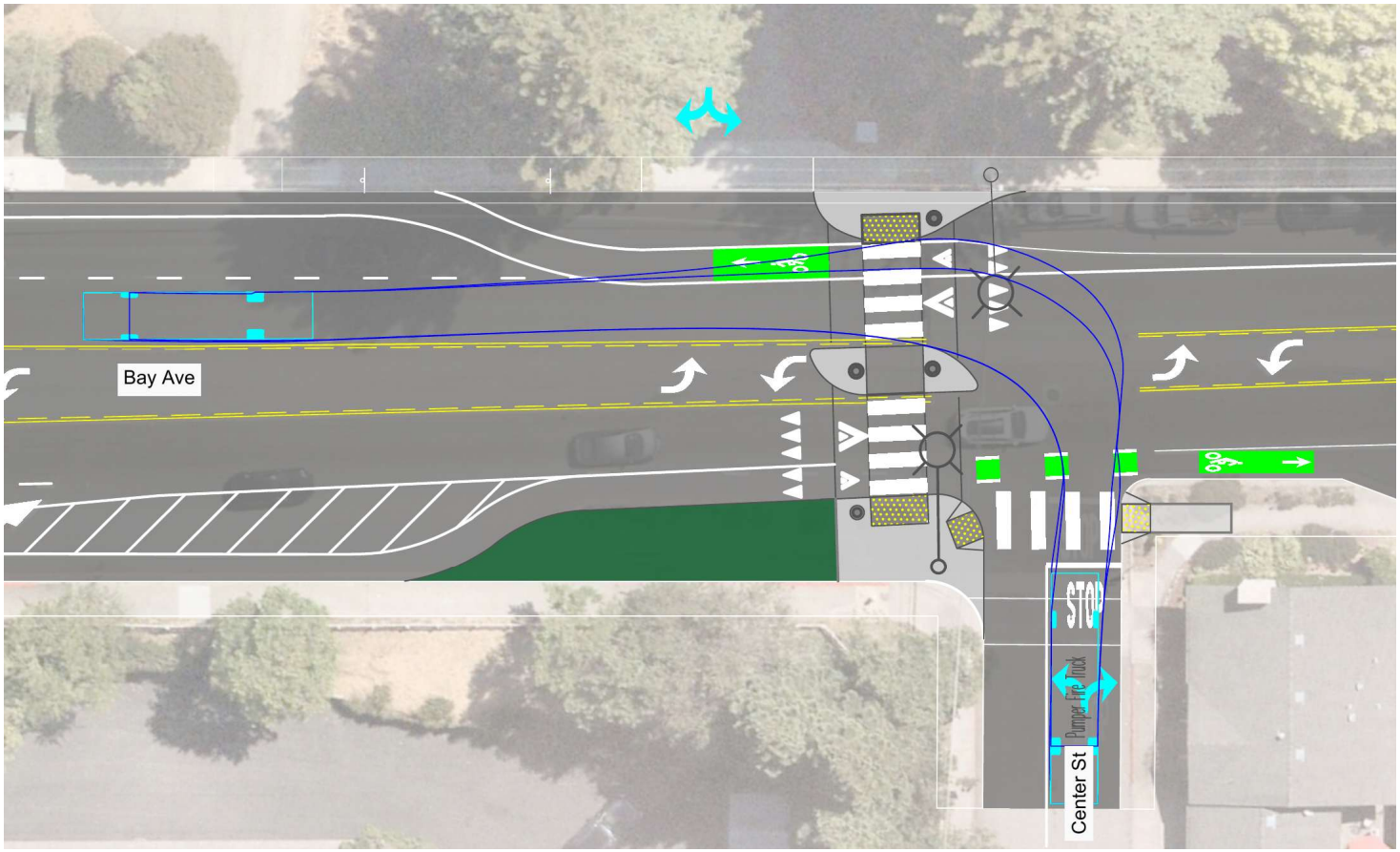
Compared with a crossing on the south side of Center Street, the proposed location:

- Preserves approximately two additional parking spaces
- Avoids eliminating northbound left-turn storage area
- Minimizes total street crossing distance between the senior apartments, transit and commercial destinations
- Places more crossing infrastructure adjacent to commercial frontage

Bay Avenue Safety Improvements

Turning Movements and Median Clearance

- Estimated outbound traffic: 19 vehicles/hour average; 29 at peak
- Left turns are only a portion of these trips
- Fire truck turning analysis confirms adequate median clearance



Bay Avenue Safety Improvements

Fiscal Impact

Awarded and Programmed Funding

- $250,000 Community Project Funding award; obligation pending
- Approximately $350,000 in programmed RTIP funding
- Approximately $65,000 non-federal match required for federal award

Funding Pending

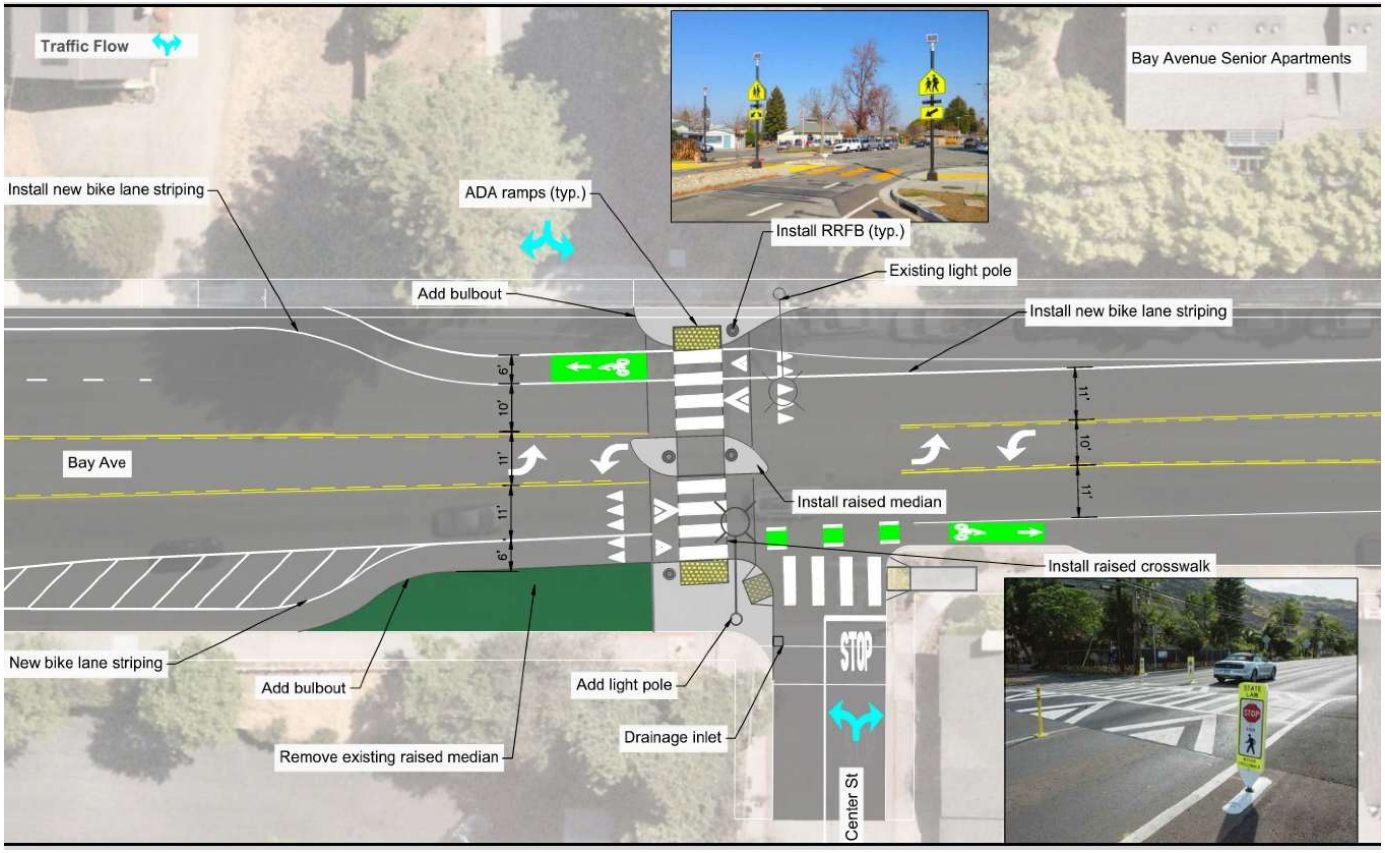
- FY 26 Safe Streets and Roads for All Implementation Grant
- Award announcements anticipated in Fall 2026

Estimated Combined Cost

- Hill Street: $45,000–$60,000
- Center Street: $300,000–$350,000
- **Total: $345,000–$410,000**

Bay Avenue Safety Improvements

Recommended Action



Direct staff to proceed with the proposed safety improvements at Bay Avenue/Hill Street and Bay Avenue/Center Street

Capitola City Council

Agenda Report

Meeting: August 27, 2026

From: City Attorney's Office

Subject: Discussion Regarding Residency Requirements for Elective Office

Recommended Action: Discuss residency requirements for elective office and provide direction to staff.

Background: The City has received various comments and inquiries regarding residency requirements for elective office. Under California law, the qualifications for municipal office are limited. Candidates must be registered voters and residents of the jurisdiction at the relevant time, such as when nomination papers are issued (Gov. Code, § 36502, subd. (a); Elec. Code, § 3231, subd. (a)). These requirements reflect a state-established baseline, and general law cities are not permitted to expand these qualifications in a manner that conflicts with or adds to the state statutory scheme.

Currently, candidates for elected office are required to certify under penalty of perjury that they reside within City limits on nomination papers and the County Registrar of Voters confirms the candidate is registered to vote at the listed address (See, e.g., Elec. Code, §§ 8040, 8041). Once elected, officeholders file an annual Form 700 that lists and reaffirms their residence.

Residency must be maintained throughout the officeholder's term: "[i]f, during his or her term of office, he or she moves his or her place of residence outside of city limits or ceases to be an elector of the city, his or her office shall immediately become vacant" (Gov. Code, § 36502, subd. (a)). In other words, "[a] person may not be a council member of a general law city unless the person resides within city boundaries when nomination papers are issued, at the time of assuming office, and throughout the term of office. For this purpose, 'residence' means 'legal residence' or 'domicile.'" (Cal. Atty. Gen. Opn. 15-1101, p. 4.)

A person's legal residence is defined as a place of "physical presence plus an intention to make [the] place a permanent home" (*Fenton v. Board of Directors* (1984) 156 Cal.App.3d 1107, 1116; see Elec. Code, §§ 349, subd. (b), 2021, subd. (b); Gov. Code, § 244, subd. (a)). In short, there is a two-prong inquiry that looks at where the person physically resides and what the person intends to serve as a permanent residence. There is an objective component and a subjective component.

Notably, the definition of residency under state law does not impose a minimum duration for occupancy (See, e.g., *Thompson v. Mellon* (1973) 9 Cal.3d 96, 97 [invalidating a two-year durational residency requirement as unconstitutional]).

Discussion: The City Council may consider whether and how to address residency concerns. However, it is preempted from redefining residency or unduly burdening the right to run for or hold elective office.

The most legally defensible residency "verification" programs allow candidates and officeholders to voluntarily submit proof of residency at regular intervals. Such a program would require flexibility in implementation. That means the City should not require only one specific type of document as proof, and it should not automatically disqualify someone just because they do not meet a strict paperwork checklist. Under this program, candidates would confirm they live in the City by signing a sworn statement when they file to run for office. Officeholders would sign the same statement again from time to time (for example, once a year or if district lines change). They can provide documents if they want, and if any questions come up, they get a chance to correct or clarify the information.

Signed statements made under oath can be accepted as proof on their own or along with other documents, which supports a flexible verification process that does not require only one specific type of proof.

Key elements of this type of policy would include a standard affidavit form, a list of example documents someone *may* provide (not required), a full, common-sense review of all available information if someone raises a concern or something looks suspicious, and an explicit statement that failure to provide specific documents is not automatic grounds for exclusion.

For implementation, the City should clearly assign responsibilities and adopt a policy that includes forms and deadlines that fit the election calendar. All verification steps should be timed to match nomination and ballot deadlines, with clear response and cure periods that do not interfere with required election milestones. The policy should make it clear that investigation/enforcement of residency requirements requires direction by the City Council.

The process should include notice and a chance to fix or clarify information. The City should also protect privacy by collecting only what is necessary, relying mainly on sworn affidavits and narrowly focused document requests, redacting sensitive information, and limiting access to those who need it. Records should be kept and destroyed according to the City's records retention schedule relating to elections.

Fiscal Impact: Unclear; if the City Council elects to create a residency verification program, there may be some implementation costs related to staff time to review, redact, and process materials submitted.

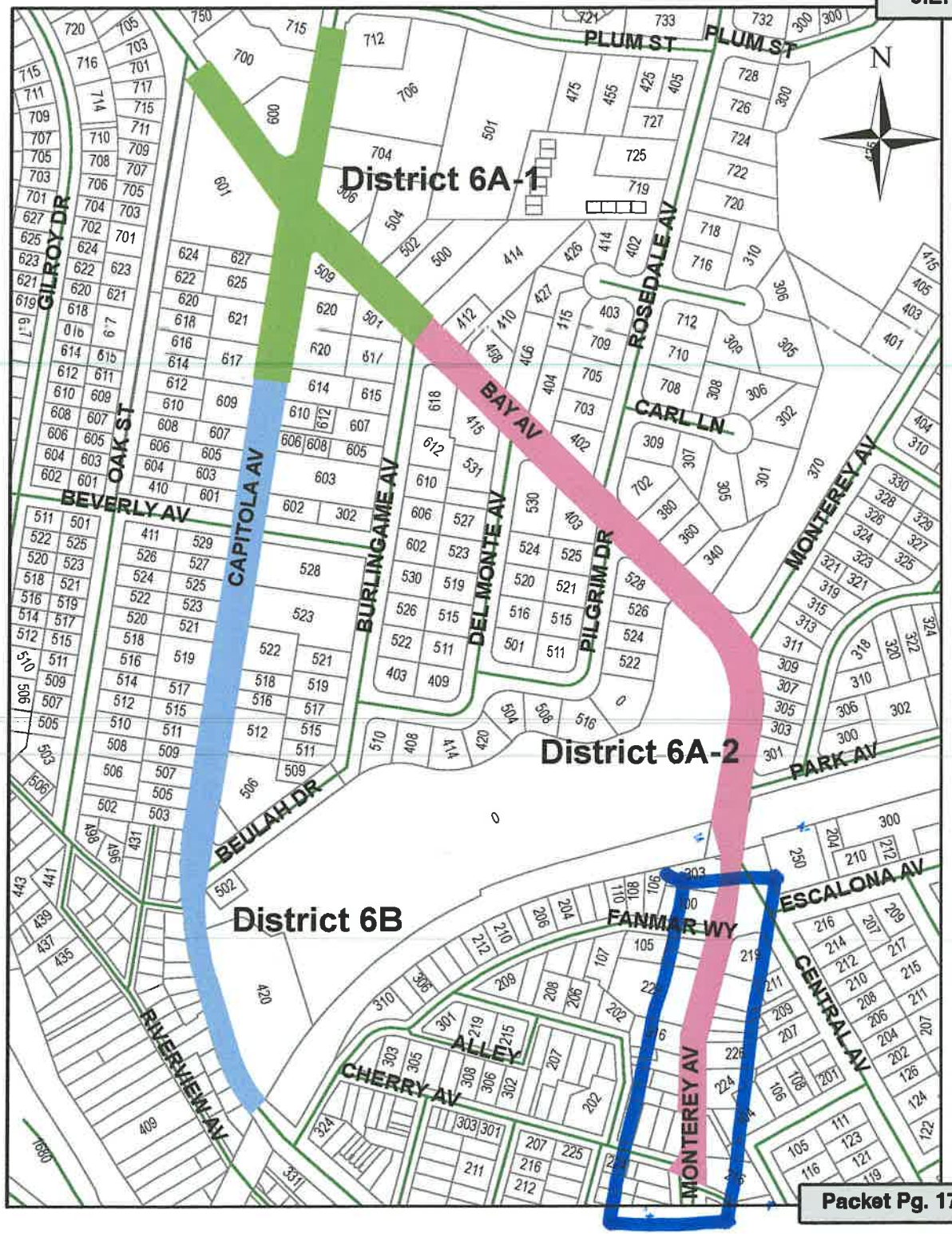
Report Prepared By: Marc Barraza Tran, City Attorney
Reviewed By: Julia Gautho, City Clerk
Approved By: Jamie Goldstein, City Manager

EXHIBIT 'AA'
CITY OF CAPITOLA
AMENDING
UNDERGROUND DISTRICT 6

Legend

- District 6A-1
- District 6A-2
- District 6B

0 0.025 0.05 0.1 0.15 0.2 Miles



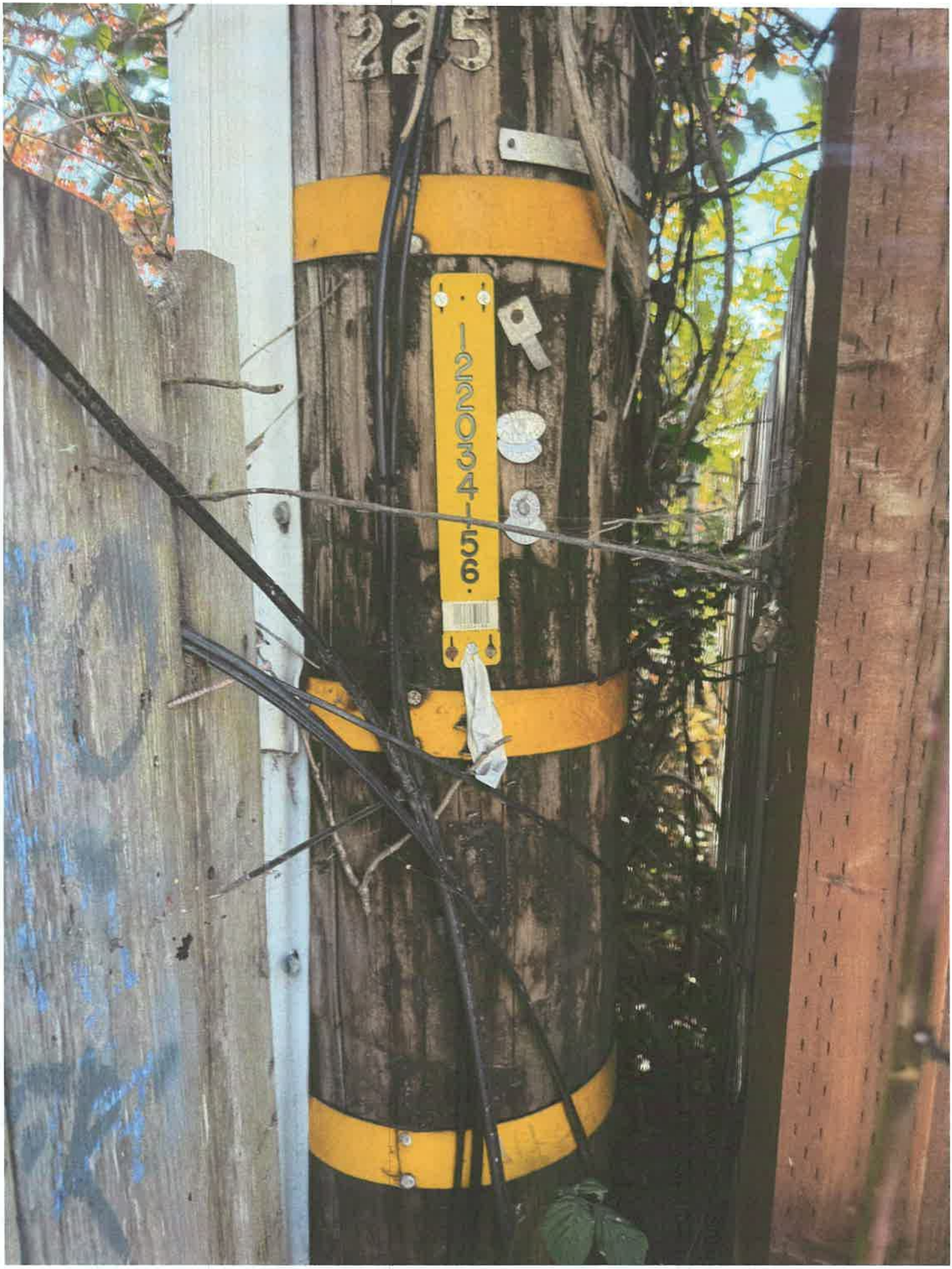
RECEIVED
CITY OF CAPITOLA
CITY CLERK'S OFFICE
AUG 27 2026

Attachment: Exhibit AA, Amended Undergrounding Utilities District No. 6 Map (Undergrounding






120117064
120117064


225
I-220-34-156


3549
122034155
122034155

122095199
122095199

RECIPIENT'S/LENDER'S name, address and telephone number
Wells Fargo Bank, N.A.
Return Mail Operations
PO Box 14411
Des Moines, IA 50306-3411

01/02/26

We accept telecommunications relay service calls.
Phone #: 1-800-222-0238
Fax #: 1-866-278-1179

☐ **CORRECTED** (if checked)

PAYER'S/BORROWER'S name, street address, city, state and ZIP code

TROY S WELCH JR
CONI LYNN WELCH
410 ESCALONA DR
CAPITOLA, CA 95010-3420

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CITY OF CAPITOLA
CITY CLERK'S OFFICE

*Caution: The amount shown may not be fully deductible by you. Limits based on the loan amount and the cost and value of the secured property may apply. Also, you may only deduct interest to the extent it was incurred by you, actually paid by you, and not reimbursed by another person.

OMB No. 1545-1380
2025
Form 1098

MORTGAGE INTEREST STATEMENT

Copy B For Payer/ Borrower

The information in boxes 1 through 9 and 11 is important tax information and is being furnished to the IRS. If you are required to file a return, a negligence penalty or other sanction may be imposed on you if the IRS determines that an underpayment of tax results because you overstated a deduction for this mortgage interest or for these points, reported in boxes 1 and 6; or because you didn't report the refund of interest (box 4); or because you claimed a nondeductible item.

NNNNNNNNN

RECIPIENT'S/LENDER'S TIN [redacted]

PAYER'S/BORROWER'S TIN XXX-XX[redacted]

1 Mortgage interest received from payer(s)/borrower(s)* [redacted]

2 Outstanding mortgage principal (See instructions) [redacted]

3 Mortgage origination date 05/15/2020

4 Refund of overpaid interest $0.00

5 Mortgage insurance premiums $0.00

6 Points paid on purchase of principal residence $0.00

7 The address of the property securing the mortgage will be entered in box 8 and may be the same as PAYER'S/BORROWER'S address
See box 8 below.

Mortgage information as of 12/31/2025 (See instructions)

[redacted] ding principal balance

[redacted] otal current payment

Account number [redacted]

8 Address or description of property securing mortgage
410 ESCALONA DR
CAPITOLA, CA 95010

9 Number of properties securing the mortgage

10 Real estate taxes $0.00

11 Mortgage acquisition date

Form 1098 **SEE BACK SIDE FOR IMPORTANT INFORMATION** (keep for your records) www.irs.gov/Form1098 Department of the Treasury - Internal Revenue Service

Please consult a Tax Advisor about the deductibility of any payments made by you or others.

Box 2. Shows the outstanding principal on the mortgage as of January 1, 2025. If the mortgage originated in 2025, shows the mortgage principal as of the date of origination. If the recipient/lender acquired the loan in 2025, shows the mortgage principal as of the date of acquisition.

---------- **2025 INTEREST DETAIL** ----------

TOTAL INTEREST APPLIED 2025 [redacted]

2025 MORTGAGE INTEREST RECEIVED FROM PAYER/BORROWER(S) [redacted]

If you have questions about your loan, you can use the number listed at the top of this statement.
By selecting one of the options listed, you can receive information regarding:

- Taxes paid year-to-date
- The amount & date of your last payment
- Interest paid year-to-date
- Other valuable information

We issue tax documents to the primary account owner.

Wells Fargo Home Mortgage, a division of Wells Fargo Bank, N.A., believes Customers come first. You can always count on us to provide the excellent service you've come to expect.

ENERGY STATEMENT

www.pge.com/MyEnergy

Account No: 9255175426-7
Statement Date: 06/10/2026
Due Date: 07/01/2026

Service For:

TROY S WELCH JR
410 ESCALONA DR
CAPITOLA, CA 95010

Questions about your bill?

Mon-Fri 7 a.m.-7 p.m.
Saturday 8 a.m.-5 p.m.
Phone: 1-800-743-5000
www.pge.com/MyEnergy

Ways To Pay

www.pge.com/waystopay

Your Enrolled Programs

Employee Discount

Your Account Summary

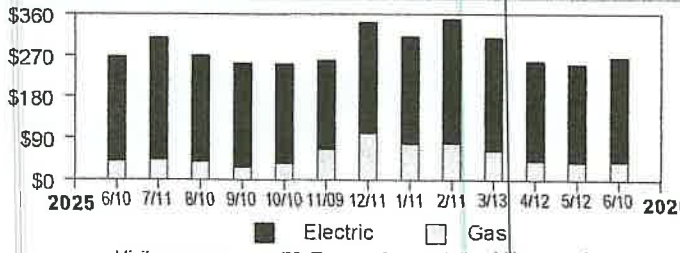
Amount Due on Previous Statement	[redacted]
Payment(s) Received Since Last Statement	
Previous Unpaid Balance	$0.00
Current PG&E Electric Delivery Charges	[redacted]
Central Coast Community Energy Electric Generation Charges	
Current Gas Charges	

Pd - 6-26-26

Total Amount Due by 07/01/2026 [redacted]

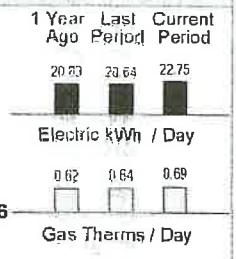
Current charges include a discount of $[redacted]

Monthly Billing History



Visit **www.pge.com/MyEnergy** *for a detailed bill comparison*

Daily Usage Comparison



Important Messages

Summer electric baseline season: The summer electric baseline season began on June 1. The total electric baseline quantities shown in your energy statement were calculated using daily summer baseline quantities. Any billing days in the billing period prior to June 1 were calculated with winter baseline quantities.

Your current gas rate Your gas usage is currently billed on a rate for a single-family home or common-use area of a multi-family complex. If this is incorrect, please call us at **1-800-743-5000**.

Continued on page 7

Pacific Gas and Electric Company®

Pacific Gas & Electric Company
300 Lakeside Drive
Oakland CA 94612

EMPLOYEE'S STATEMENT OF EARNINGS, DEDUCTIONS & NET PAY

Payroll Area: Utility Biweekly Std
Period Begin Date: 07/12/2026
Check Date: 07/31/2026
Period End Date: 07/25/2026

Troy Sterling Welch Jr.
615 7th Ave.

Santa Cruz CA 95062

Personnel Number: 00353938
Department: 14278
Posn: Public [redacted] Gen
FLSA Status:
Annual Pay: [redacted]

TAX DATA:	Federal	State
Marital Status:	Married/QW	Head of
Allowances:	00	06
Additional Amt:	0	0
Exempt Status:		

	Total Gross	Federal Taxable Gross	Total Taxes	Total Current Deductions	Net Pay
Current	[redacted]				
YTD					

Net Pay Distribution — Online Direct Deposit [redacted]

JobCode	Earnings	Adj Pay Period	CURRENT Rate	CURRENT Hours/Units	CURRENT Earnings
50400411	Regular - Hourly		[redacted]	[redacted]	
50400411	Overtime				
50400411	Doubletime				
	Total Straight Time				[redacted]
	Total Overtime				
	Total Doubletime				
	Total For This Pay Period				

Employee Taxes

	--CURRENT--	--YTD--
CASWT	[redacted]	
CAVSDI		
FEDWT		
FEDOASDI		
FEDMC		
Total		

Before-Tax Deductions

	--CURRENT--	--YTD--
401(k)-B	[redacted]	
Dental		
Medical		
Total		

After-Tax Deductions

	--CURRENT--	--YTD--

Employer-Paid Benefits (Info Only)

	--CURRENT--	--YTD--
401(k)-P	[redacted]	
Dental		
Vision		
BasicLif		
BasicADD		
Medical		
Total		

Leave Balances

Leave Balances available as of 07/25/2026 Hours shown in whole increments only.

TYPE	Beg	Earn	Used	Avail	TYPE	Beg	Earn	Used	Avail
Float Hol	0	24	24	0	Paid Hol	8	48	40	16
Vacation	112	67	32	147	Sick	0	0	0	0
					Inc Sick	96.00	0.00	0.00	96.00
					Cap Sick	0.00	0.00	0.00	0.00

Employee Message Center