CITY COUNCIL MEETING AGENDA

August 21, 2024 at 5:30 PM

Council Chambers at City Hall - 1123 W. Lake St. Sandpoint, Idaho

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Call to Order

Roll Call

Pledge of Allegiance

Announcements and Reports

1. Presentation on Development Impact Fee Study by TischlerBise

Public Forum

Consent Calendar - action item

2. Approval of Minutes from August 7, 2024, Meeting - ***action item***
3. Payables Report / Bills for Payment Approval - ***action item***

New Business

4. Proposed Resolution: Bridge Street Bridge Rehabilitation Project Design and Authorization to Advertise for Construction Bids - ***action item***
5. Proposed Resolution: Award of Contract for Little Sand Creek Water Treatment Discharge Pond Cleaning Services (City Agreement A24-3456-6) - ***action item***
6. Proposed Ordinance and Summary: Urban Forestry Commission - ***action item***
7. Proposed Resolution: Sixth Amendment and Change Order No. 6 to Construction Manager/General Contractor (CM/GC) Agreement with Ginno Construction Co. for Travers Park Renovations, Phase 1 (City Agreement A23-5300-5) - ***action item***

Public Hearings

8. Public Hearing on FY2025 Budget and Intent to Use Forgone Levying Authority
   Budget Book: https://city-sandpoint-id-budget-book.cleargov.com/9034/introduction/transmittal-letter
9. Proposed Ordinance: Annual Appropriation Ordinance FY2025 - ***action item***
10. Proposed Resolution: Certifying the Amount of Forgone Increase to be Included in the Fiscal Year 2025 Budget - ***action item***
11. Public Hearing on Proposed New Fees and Existing Fees Proposed to Increase more than 5%
12. Proposed Resolution: Adoption of New City Fees and Approval of Changes to Existing Fees and Fee Schedule - ***action item***

******* The public hearing on the Daher #1/Turbine Subdivision was canceled by the applicant. *****

Old/Unfinished Business

13. Continued Discussion: Proposed Local Option Tax to Fund Street & Sidewalk Construction

Adjourn

Public Participation Options and Information
Before the meeting, comment in writing: Email cityclerk@sandpointidaho.gov or deliver to City Hall.
Attend in person: See above for meeting location. Seating available on first-come, first-served basis.
Attend remotely: Register at https://www.sandpointidaho.gov/your-government/meetings.
After the meeting, view the recording on YouTube: https://www.youtube.com/c/CityofSandpoint.
For questions or requests for special accommodation: At least 48 hours prior to the meeting, send a message to the email address above or call (208) 263-3310.

CITY COUNCIL MEETING MINUTES

August 07, 2024 at 5:30 PM

Council Chambers at City Hall - 1123 W. Lake St. Sandpoint, Idaho

Call to Order

Mayor Jeremy Grimm called the regular meeting of the Sandpoint City Council to order at 5:31 p.m. on Wednesday, August 7, 2024, in Council chambers at City Hall, 1123 W. Lake St., Sandpoint, Idaho.

Roll Call

PRESENT
Mayor Jeremy Grimm
Councilor Deb Ruehle
Councilor Joel Aispuro
Councilor Justin Dick
Councilor Kyle Schreiber
Councilor Pam Duquette
Councilor Rick Howarth

Following roll call, Mayor Grimm announced that Police Chief Corey Coon would serve as sergeant-at-arms for the meeting.

Pledge of Allegiance

Mayor Grimm led all present in the Pledge of Allegiance.

Announcements and Reports

Mayor Grimm provided instructions for the public regarding the budget process, with public testimony on budget and funding related items reserved for the public hearing scheduled for August 21.

1. Presentation: SPOT Bus Funding

   Donna Griffin, Executive Director of Selkirks-Pend Oreille Transit (SPOT Bus), gave a presentation on the history of SPOT Bus and funding. Information only; no Council action.

Following the SPOT Bus presentation, at the Mayor's request and invitation, City department directors reported on activities and projects from their respective departments.

Public Forum

Mayor Grimm provided instructions for comments during public forum and other opportunities for public comment during the meeting, including a summary of the City's rules of civility and public decorum at meetings, followed by public forum, with several members of the public addressing the Mayor and Council on Consent Calendar items or City of Sandpoint relevant topics not on the agenda.

At 6:53 p.m., Mayor Grimm stepped down and Council President Ruehle presided during the time when members of the public attending remotely commented during public forum. Following remote comment, the Mayor returned to the dais and reclaimed the gavel at 6:56 p.m.

Information only; no Council action.

Consent Calendar - action item

Council removed from the Consent Calendar Item 5, Proposed Resolution for approval of Change Order No. 3 to Dreamland Skateparks' Agreement for Travers Park Skatepark Expansion, and Item 6, Proposed Resolution for the Fifth Amendment/Change Order No. 5 to Ginno Construction's Agreement for Travers Park Renovations Phase 1. The Mayor announced that these items would be taken up at the end of New Business.

Motion to approve the Consent Calendar as amended.

Motion made by Councilor Dick, Seconded by Councilor Aispuro.
Voting Yea: Councilor Ruehle, Councilor Aispuro, Councilor Dick, Councilor Schreiber, Councilor Duquette, Councilor Howarth

2. The minutes from Council's July 17, 2024, meeting were approved as presented.
3. Bills approved for payment: $2,907,627.98 ($2,177,443.34 for regular payables and $730,184.64 for payroll)
4. Resolution 24-053 CHANGE ORDER NO. 2 TO SCADA UPGRADES PROFESSIONAL SERVICES AGREEMENT WITH B & E ELECTRIC, INC. (CITY AGREEMENT A24-3401) - approved
5. Proposed Resolution: Change order #3 to Dreamland Skateparks, LLC, Agreement for Travers Park Skatepark Expansion (City Agreement #A23-5300-4)

   This item was removed from the Consent Calendar. See New Business.
6. Proposed Resolution: Fifth Amendment and Change Order #5 to Agreement with Ginno Construction Co. for Travers Park Renovations Phase 1 (City Agreement A23-5300-5)

   This item was removed from the Consent Calendar. See New Business.
7. Resolution 24-056 MEMORANDUM OF UNDERSTANDING FOR AMENDMENT TO ARTICLE 16 OF THE 2021-2024 COLLECTIVE BARGAINING AGREEMENT WITH THE INTERNATIONAL ASSOCIATION OF FIREFIGHTERS LOCAL 2319 - approved

Following approval of the Consent Calendar, Mayor Grimm called for a brief recess at 6:57 p.m. When the meeting reconvened at 7:03 p.m., the Mayor requested, and Council was agreeable, to move Item 10 under New Business, Proposed Resolution approving the Agreement with Keller Associates for the Wastewater Treatment Plant Preliminary Engineering Report, to be taken up next on the agenda, ahead of Old Business.

New Business – Item 10

10. Resolution 24-057 PROFESSIONAL SERVICES AGREEMENT WITH KELLER ASSOCIATES FOR WASTEWATER TREATMENT PLANT PRELIMINARY ENGINEERING REPORT (CITY AGREEMENT #A24-3257-1) - approved

    Civil Engineer Brandon Staglund, along with Kyle Meschko from Keller Associates, provided information on this item and fielded questions from the Council members.

    Motion to approve the Resolution for the Agreement with Keller Associates for the Wastewater Treatment Plant Preliminary Engineering Report.

    Motion made by Councilor Dick, Seconded by Councilor Duquette.
    Voting Yea: Councilor Ruehle, Councilor Aispuro, Councilor Dick, Councilor Schreiber, Councilor Duquette, Councilor Howarth

Old/Unfinished Business

8. Fiscal Year 2025 Department Budget Presentations

   Staff presentations and information on the FY2025 City Budget provided by Finance Director Sarah Lynds, Utilities Supervisor Rod Berget, Streets Supervisor Chet Jackman, Wastewater

Treatment Supervisor Deven Hull, Police Chief Corey Coon, Fire Chief Gavin Gilcrease, Community Planning and Development Director Jason Welker, and Central Services Director Cheryl Hughes, with questions from the Mayor and Council fielded by staff.

Information only; no Council action. Public testimony will be taken during the public hearing on August 21, 2024, at which time Council will make final decisions and adopt the FY2025 Budget.

9. Updated Fee Changes

Mr. Welker provided information on the fees proposed for the new James E. Russell Sports Center, which had changed from their first introduction at Council's last meeting on July 17, and fielded questions from the Council members.

Information only; no Council action. Public testimony will be taken during the public hearing on August 21, 2024, at which time Council will make final decisions and approve the final fees schedule.

New Business - *continued*

11. Ordinance 1424 MUNICODE CITY CODE REPUBLICATION - Ordinance & Summary approved

Mayor Grimm introduced this item, relaying that the City was in the process of implementing a new website, along with two related and integrated services purchased from the new website host, CivicPlus. One is the new agenda / meeting management platform that has been in use now for the past few months, and the new website will be launched this month. The third and final piece is a transition to Municode, the City's new codifier. Adoption of this ordinance will provide official approval from the City Council for republication of the City Code by Municode.

The City Clerk read the title of the ordinance, followed by a motion that the ordinance pass its first reading by title only and the summary is approved.

Motion made by Councilor Schreiber, Seconded by Councilor Dick.
Voting Yea: Councilor Ruehle, Councilor Aispuro, Councilor Dick, Councilor Schreiber, Councilor Duquette, Councilor Howarth

The Mayor announced that the ordinance had passed its first reading by title only, and the summary was approved, followed by a motion that the rules requiring three separate readings, once in the ordinance's entirety, be suspended and that the ordinance pass its second and third readings under suspension of the rules.

Motion made by Councilor Schreiber, Seconded by Councilor Aispuro.
Voting Yea: Councilor Ruehle, Councilor Aispuro, Councilor Dick, Councilor Schreiber, Councilor Duquette, Councilor Howarth

The Mayor announced that the motion passed, and the ordinance was considered read, passed and adopted under suspension of the rules. It will become effective following publication of the summary in the newspaper.

The Mayor called for a brief recess at 9:03 p.m., with the meeting reconvening at 9:11 p.m.

12. Proposed Local Option Tax to Fund Street & Sidewalk Construction

Mayor Grimm introduced this item and provided a presentation on his request for Council to consider seeking voter approval of a local option sales tax for the purpose of funding street and sidewalk construction.

Information only; no Council action at this time. A proposed resolution for ballot language will be presented at Council's August 21, 2024, meeting.

5. Resolution 24-054 CHANGE ORDER NO. 3 TO AGREEMENT WITH DREAMLAND SKATEPARKS, LLC (CITY AGREEMENT #A23-5300-4) – approved

Mr. Welker fielded questions from Council members Schreiber and Duquette regarding items 5 and 6, which they had removed from the Consent Calendar, followed by separate motions to approve both resolutions.

Motion to approve Item 5 made by Councilor Schreiber, Seconded by Councilor Aispuro.
Voting Yea: Councilor Ruehle, Councilor Aispuro, Councilor Dick, Councilor Schreiber, Councilor Duquette, Councilor Howarth

6. Resolution 24-055 AGREEMENT AMENDMENT AS CHANGE ORDER NO. 5 WITH GINNO CONSTRUCTION COMPANY FOR CM/GC SERVICES FOR TRAVERS PARK RENOVATIONS, PHASE 1 (CITY AGREEMENT NO. 23-5300-5) – approved

   Motion to approve the Resolution for an Agreement Amendment as Change Order No. 5 with Ginno Construction Company for CM/GC Services for Travers Park Renovations, Phase 1 (City Agreement No. 23-5300-5)

   Motion made by Councilor Schreiber, Seconded by Councilor Aispuro.
   Voting Yea: Councilor Ruehle, Councilor Aispuro, Councilor Dick, Councilor Schreiber, Councilor Duquette, Councilor Howarth

Executive Session

13. Motion to convene in executive session pursuant to Idaho Code § 74-206(1)(c) to acquire an interest in real property not owned by a public agency.
14. The executive session was held as noted under Item 13.

Adjourn

Following conclusion of the executive session, the Mayor reconvened and then immediately adjourned the meeting at 10:20 p.m.

I presided over this meeting and can confirm that these minutes, prepared by the City Clerk, were approved by the Sandpoint City Council on _____, 2024.

_____ _____

Jeremy Grimm, Mayor Attest: Melissa Ward, City Clerk

CITY OF SANDPOINT INVOICE REGISTER
PAYABLE DATES OF: 08/08/2024 THROUGH 08/21/2024

Vendor Name	Invoice Number	Invoice Description / Service Area Description	GL Number Description	Line Item Amount	Invoice Amount
Vendor: 95 EXPRESS LLC					
	1049	CAR WASH MEMBERSHIPS-POLICE AND FIRE			$607.50
		POLICE DEPARTMENT	SERVICES - AUTOMOTIVE - R&M	$562.50	
			Total For: 95 EXPRESS LLC		**$607.50**
Vendor: ACCURATE TESTING LABS LLC					
	140123	WWTP: MERCURY TESTING DAY 3			$260.00
		WASTEWATER TREATMENT	TECH SERVICES - LABORATORY	$260.00	
	140081	WWTP: MURCURY TESTING DAY 2			$260.00
		WASTEWATER TREATMENT	TECH SERVICES - LABORATORY	$260.00	
	140010	WWTP: MURCURY TESTING DAY 1			$260.00
		WASTEWATER TREATMENT	TECH SERVICES - LABORATORY	$260.00	
	139988	WWTP: CARBON & NITROGEN TSTING DAY 1			$200.00
		WASTEWATER TREATMENT	TECH SERVICES - LABORATORY	$200.00	
	140009	WWTP: CARBON & NITROGEN TSTING DAY 2			$200.00
		WASTEWATER TREATMENT	TECH SERVICES - LABORATORY	$200.00	
	140375	WTP: (5) BACTERIA TESTING- NORTH LOCATIONS			$150.00
		WATER TREATMENT	TECH SERVICES - LABORATORY	$150.00	
	140080	WWTP: CARBON/NITROGEN TESTING			$200.00
		WASTEWATER TREATMENT	TECH SERVICES - LABORATORY	$200.00	
			Total For: ACCURATE TESTING LABS LLC		**$1,530.00**
Vendor: ACE SEPTIC TANK SERVICE LLC					
	3760	WWTP: EMERGENCY TANK PUMPING SERVICE			$1,200.00
		WASTEWATER TREATMENT	WATER/WASTEWATER SERVICES	$1,200.00	
			Total For: ACE SEPTIC TANK SERVICE LLC		**$1,200.00**
Vendor: AGE HEATING AND COOLING					
	8653066	HVAC MAINTENANCE -CITY HALL&POLICE			$315.00
		GOVERNMENT BUILDING & GROUNDS DI	SERVICES - BUILDING - R&M	$315.00	
			Total For: AGE HEATING AND COOLING		**$315.00**
Vendor: Alaska Air					
	0272377261974	T0034-FLIGHT-COMM HEALTH GRANT ACAD-J. GRIMM			$597.96
		MAYOR'S OFFICE	TRAINING AND TRAVEL	$597.96	
	0272376664854	T0035 BOISE FLGHT- BLU CROSS-COMM. HEALTH TRNG			$518.21
		MAYOR'S OFFICE	TRAINING AND TRAVEL	$518.21	
			Total For: Alaska Air		**$1,11...**

Vendor Name	Invoice Number	Invoice Description / Service Area Description	GL Number Description	Line Item Amount	Invoice Amount
Vendor: Allfilters.Com					
	240801509	AIR FILTERS - CITY HALL HVAC UNITS			$328.93
		GOVERNMENT BUILDING & GROUNDS DI	FACILITY SUPPLIES	$328.93	
			Total For: Allfilters.Com		**$328.93**
Vendor: Allianz Travel Ins					
	EUSP2430632985	T0035 FLIGHT TRAVEL PROTECTECTION			$32.39
		MAYOR'S OFFICE	TRAINING AND TRAVEL	$32.39	
			Total For: Allianz Travel Ins		**$32.39**
Vendor: ALLWEST TESTING & ENGINEERING					
	237031	TRVRS PRK TSTING & INSPCTN SERVICES			$3,994.40
		JAMES E. RUSSELL SPORTS CENTER FA	CAPITAL CONSTRUCTION SERVICES - BUIL	$3,994.40	
			Total For: ALLWEST TESTING & ENGINEERING		**$3,994.40**
Vendor: ALPINE MOTORS COMPANY INC					
	159203	LOF SRVC & REAR BREAK REPAIR -SPD 8			$435.45
		POLICE DEPARTMENT	SERVICES - AUTOMOTIVE - R&M	$435.45	
			Total For: ALPINE MOTORS COMPANY INC		**$435.45**
Vendor: Amazon Mktpl					
	112-6326642-5185034	72 PLASTIC ENVLPS FOR BLDG PERMIT INFO			$46.17
		PLANNING DIVISION	OFFICE SUPPLIES/EQUIPMENT	$46.17	
	112-2068426-8	SHOP: 2 SETS OF PRINTER INK			$208.42
		WASTEWATER COLLECTIONS	OFFICE SUPPLIES/EQUIPMENT	$69.47	
	114-5903857-1036239	BINDERS, SANITIZING WIPES			$52.88
		CENTRAL SERVICES DEPARTMENT	OFFICE SUPPLIES/EQUIPMENT	$52.88	
	112-9153681-9	EQUIPMENT BAG - ENGINEER TECH			$31.48
		ENGINEERING DIVISION	OPERATIONAL SUPPLIES/EQUIPMENT	$31.48	
	113-2548149-9054614	EXTERNAL DVD PLAYER FOR CPR CLASSES			$26.53
		RECREATION PROGRAMS	OPERATIONAL SUPPLIES/EQUIPMENT	$26.53	
			Total For: Amazon Mktpl		**$365.48**
Vendor: Amazon Mktplace Pmts					
	RET 114-1534800-2784	RETURN- 3-RING BINDERS			$(39.99)
		CENTRAL SERVICES DEPARTMENT	OFFICE SUPPLIES/EQUIPMENT	$(39.99)	
			Total For: Amazon Mktplace Pmts		**$(39.99)**
Vendor: Amazon Ret* 111-385817					
	111-3858173-3866647	2 PACKS OF ABSORBENT MATS			$46.28
		FIRE DEPARTMENT - SANDPOINT	OPERATIONAL SUPPLIES/EQUIPMENT	$46.28	
			Total For: Amazon Ret* 111-385817		**$46.28**
Vendor: Amazon Ret* 113-757447					
	113-7574472-6371406	OFFICE DESKTOP SCANNER			$25

Vendor Name	Invoice Number	Invoice Description / Service Area Description	GL Number Description	Line Item Amount	Invoice Amount
		POLICE DEPARTMENT	OFFICE SUPPLIES/EQUIPMENT	$251.30	
			Total For: Amazon Ret* 113-757447		**$251.30**
Vendor: Amazon Ret* 114-495112					
	114--495112-1402637	CLEAR SHEET PROTECTORS			$14.97
		CENTRAL SERVICES DEPARTMENT	OFFICE SUPPLIES/EQUIPMENT	$14.97	
	114-4951122-1402637	COPY PAPER- 10 REAMS			$45.99
		CENTRAL SERVICES DEPARTMENT	OFFICE SUPPLIES/EQUIPMENT	$45.99	
			Total For: Amazon Ret* 114-495112		**$60.96**
Vendor: Amazon.Com*rf5kb0o61					
	112-2517036-6317031	REPLACEMENT WATER FILTER CHANGE SET			$71.62
		FIRE DEPARTMENT - SANDPOINT	FACILITY SUPPLIES	$71.62	
			Total For: Amazon.Com*rf5kb0o61		**$71.62**
Vendor: Amazon.Com*rf6ks0nf2					
	112-2979569-9301001	ST: SALT TRUCK HYDRAULIC MOTOR			$161.14
		STREET MAINTENANCE	VEHICLE & MACH SUPPLIES/PARTS	$161.14	
			Total For: Amazon.Com*rf6ks0nf2		**$161.14**
Vendor: Amazon.Com*rj1bs5xx0					
	114-4921943-8289834	D BATTERIES FOR RESTROOM TOWEL DISP			$39.81
		GOVERNMENT BUILDING & GROUNDS DI	FACILITY SUPPLIES	$39.81	
			Total For: Amazon.Com*rj1bs5xx0		**$39.81**
Vendor: Amzn Mktp Us					
	114-8861602-6353038	SBC CONCRETE TEXTURE PAINT ROLLER STAMP			$38.11
		JAMES E. RUSSELL SPORTS CENTER FA	CAPITAL CONSTRUCTION SERVICES - BUIL	$38.11	
	111-4812763-2169803	MEDIC BACKPACK			$378.18
		FIRE DEPARTMENT - SANDPOINT	SAFETY/PPE/MEDICAL SUPPLIES/EQUIPME	$378.18	
	REFUND 376587272	RETURNED SOFTBALLS - WRONG SIZE			$(189.54)
		RECREATION PROGRAMS	OPERATIONAL SUPPLIES/EQUIPMENT	$(189.54)	
	114-4914062-2576263	VARIDESK DESK RISER- BILL DEAN			$394.97
		PLANNING DIVISION	OFFICE SUPPLIES/EQUIPMENT	$394.97	
			Total For: Amzn Mktp Us		**$621.72**
Vendor: ARROW CONCRETE & ASPHALT					
	081324	SEAL COAT CONSTRUCTION THRU 8/9/24			$71,223.40
		STREET CAPITAL & PROJECTS	CONSTRUCTION SERVICES - NON CAPITAL	$71,223.40	
			Total For: ARROW CONCRETE & ASPHALT		**$71,223.40**
Vendor: ARROW CONSTRUCTION HOLDINGS, LLC					
	408907	2) DEGRADABLE WATTLES - SPORTS CMPLX PATH			$69.94
		PARK MAINTENANCE & CAPITAL	FACILITY SUPPLIES	$69.94	
			Total For: ARROW CONSTRUCTION HOLDINGS, LLC		**$6**

Vendor Name	Invoice Number	Invoice Description / Service Area Description	GL Number Description	Line Item Amount	Invoice Amount
Vendor: ASAP SERVICES INC					
	2256147	MONTHLY CUSTODIAL SERVICE- APRIL '24			$4,630.00
		GOVERNMENT BUILDING & GROUNDS DI	SERVICES - CUSTODIAL	$2,240.00	
			Total For: ASAP SERVICES INC		**$4,630.00**
Vendor: Associatio* Nrpa Caree					
	4223364	NRPA SNGL 30-DAY JOB PSTNG - SPORTS FACILITY SUPERVISOR			$320.00
		JAMES E. RUSSELL SPORTS CENTER FA	ADVERTISING	$320.00	
			Total For: Associatio* Nrpa Caree		**$320.00**
Vendor: Association Of Idaho Citi					
	200012267	AIC ICCTFOA MEMBERSHIP- HAYLEY KEYS			$45.00
		CITY CLERK'S OFFICE	LICENSES/DUES & SUBSCR (JOB RELATED)	$45.00	
			Total For: Association Of Idaho Citi		**$45.00**
Vendor: AT&T MOBILITY II, LLC					
	287339152904X080124	WIRELESS PHONE/DATA CHGS- JULY '24			$210.20
		MAYOR'S OFFICE	TELEPHONE - WIRELESS	$48.84	
	28733648/5071X080124	WIRELESS PHONE/DATA CHGS- JULY '24			$1,715.06
		POLICE DEPARTMENT	TELEPHONE - WIRELESS	$1,153.09	
	287339153398X080124	WIRELESS PHONE/DATA CHGS- JULY '24			$230.87
		PARK MAINTENANCE & CAPITAL	TELEPHONE - WIRELESS	$150.69	
	287339154011X080124	WIRELESS PHONE/DATA CHGS-JULY '24			$90.32
		FIRE DEPARTMENT - SANDPOINT	TELEPHONE - WIRELESS	$90.32	
			Total For: AT&T MOBILITY II, LLC		**$2,246.45**
Vendor: AUTO HAUS INC					
	5506	SHOP/WD/ST: OIL FLTR LOCATE TRK/WIRE LOOM			$27.17
		WATER DISTRIBUTION	VEHICLE & MACH SUPPLIES/PARTS	$11.99	
	4702	WD: AIR FILTER FOR LOCATE TRUCK			$59.99
		WATER DISTRIBUTION	VEHICLE & MACH SUPPLIES/PARTS	$59.99	
	5698	ST: MAG TRK RELAY KIT			$6.92
		STREET MAINTENANCE	VEHICLE & MACH SUPPLIES/PARTS	$6.92	
			Total For: AUTO HAUS INC		**$94.08**
Vendor: Autodesk Ady					
	9861822097	ANNUAL RENEWAL-AUTOCAD PROGRAM			$479.75
		INFORMATION TECHNOLOGY DIVISION	SOFTWARE/SAAS - PDF/BLUEBEAM/AUTOC	$479.75	
			Total For: Autodesk Ady		**$479.75**
Vendor: Automationdirect.Com					
	13780218-1	SC: RELAY SOCKETS/PUMP SEAL FAILURE RELAY MOUNT			$171.00
		WASTEWATER COLLECTIONS	OPERATIONAL SUPPLIES/EQUIPMENT	$171.00	
	13780218	SC: RELAY SOCKETS/PUMP SEAL FAILURE RELAY MOUNT			$2
		WASTEWATER COLLECTIONS	OPERATIONAL SUPPLIES/EQUIPMENT	$202.50	

Vendor Name	Invoice Number	Invoice Description / Service Area Description	GL Number Description	Line Item Amount	Invoice Amount
			Total For: Automationdirect.Com		**$373.50**
Vendor: AVISTA UTILITIES					
	ESA#56703	ELECTRIC SERVICE EXTENSION AGREEMENT FOR TRAVERS (JER)			$3,442.50
		JAMES E. RUSSELL SPORTS CENTER FA	CAPITAL CONSTRUCTION SERVICES - BUIL	$3,442.50	
	GSA#56901	AVISTA NATURAL GAS SERVICE EXTENSION AGREEMENT (JER)			$2,310.00
		JAMES E. RUSSELL SPORTS CENTER FA	CAPITAL CONSTRUCTION SERVICES - BUIL	$2,310.00	
			Total For: AVISTA UTILITIES		**$5,752.50**
Vendor: BIG BELLY SOLAR LLC					
	53033	DWNTWN TRSH BINS 8/4-9/3/24			$480.00
		SANITATION/GARBAGE COLLECTION	MULTI-PURPOSE WASTE DISPOSAL/PORTA	$480.00	
			Total For: BIG BELLY SOLAR LLC		**$480.00**
Vendor: BILLING DOCUMENT SPECIALISTS					
	96026	UTILITY BILLING REGULAR - JULY '24			$1,462.37
		UTILITY BILLING	TECH SERVICES - UTILITY BILLING	$372.42	
			Total For: BILLING DOCUMENT SPECIALISTS		**$1,462.37**
Vendor: Bluebeam Inc.					
	1590-1146	BLUEBEAM-GARAN WILSON			$330.00
		INFORMATION TECHNOLOGY DIVISION	SOFTWARE/SAAS - PDF/BLUEBEAM/AUTOC	$330.00	
			Total For: Bluebeam Inc.		**$330.00**
Vendor: BONNER COUNTY DAILY BEE					
	0000025639-07302024	AD FOR HEARING NOTIFICATION BCB#6270			$63.13
		PLANNING DIVISION	ADVERTISING	$63.13	
	25665	ORDINANCE 1423- BCB#6273- SUMMARY OF ORDINANCE			$60.82
		CITY CLERK'S OFFICE	ADVERTISING	$60.82	
			Total For: BONNER COUNTY DAILY BEE		**$123.95**
Vendor: BOUNDARY TRACTOR YAMAHA					
	BTC-2112833	2) TIE ROD, ASSY STRTR, CORE RETURN - KUBOTA TRCTR - ALL PARKS			$174.74
		PARK MAINTENANCE & CAPITAL	VEHICLE & MACH SUPPLIES/PARTS	$174.74	
	BTC-40949	2) SEMI PRO TRIMMER - ROW TRIMMING			$599.98
		PARK MAINTENANCE & CAPITAL	TURF/GROUND/TREE/PLANT SUPPLIES/EQ	$599.98	
			Total For: BOUNDARY TRACTOR YAMAHA		**$774.72**
Vendor: BROWN'S NORTHSIDE					
	S161468	ST: 2 FENDER MOUNT KITS			$426.57
		STREET MAINTENANCE	VEHICLE & MACH SUPPLIES/PARTS	$426.57	
	S161545	WD: COOLANT FOR VAC TRUCK			$35.96
		WATER DISTRIBUTION	VEHICLE & MACH SUPPLIES/PARTS	$35.96	
			Total For: BROWN'S NORTHSIDE		**$462.53**
Vendor: BSN SPORTS					

Vendor Name	Invoice Number	Invoice Description / Service Area Description	GL Number Description	Line Item Amount	Invoice Amount
	926032363	(4) WINDSCREENS- TENNIS COURTS - CITY BEACH			$1,159.95
		PARK MAINTENANCE & CAPITAL	OPERATIONAL SUPPLIES/EQUIPMENT	$1,100.00	
			Total For: BSN SPORTS		**$1,159.95**
Vendor: BSN SPORTS LLC					
	926108991	6 VOLLEYBALL ANTENNA - BEACH VOLLEYBALL			$197.70
		PARK MAINTENANCE & CAPITAL	OPERATIONAL SUPPLIES/EQUIPMENT	$197.70	
			Total For: BSN SPORTS LLC		**$197.70**
Vendor: Checkr, Inc Checkr.Com					
	1305603	BACKGRND CHK-1XBUILDING, 2X REC			$118.47
		BUILDING DIVISION	BACKGROUND CHECK SERVICES	$58.49	
			Total For: Checkr, Inc Checkr.Com		**$118.47**
Vendor: CHRISTINE KUHLMAN					
	0016	CONTRACT BUILDING OFFICIAL SERVICES			$1,232.50
		BUILDING DIVISION	TECH SVS - SRVY/INSPCT/ASSESS/MONITO	$1,232.50	
			Total For: CHRISTINE KUHLMAN		**$1,232.50**
Vendor: CLEARWATER SPRINGS					
	863714	WWTP: DISTILLED H2O & FUEL SURCHARGE			$35.00
		WASTEWATER TREATMENT	LABORATORY SUPPLIES	$35.00	
			Total For: CLEARWATER SPRINGS		**$35.00**
Vendor: CLIENTFIRST TECHNOLOGY CONSULTING					
	16975	GIS SUPPORT SERVICES- JULY '24			$950.00
		WATER DISTRIBUTION	TECH SERVICES - GIS SERVICES	$832.50	
			Total For: CLIENTFIRST TECHNOLOGY CONSULTING		**$950.00**
Vendor: COEUR D'ALENE UMPIRES ASSC INC					
	24-020	24 COED GAMES JUL 16-JULY31			$1,248.00
		RECREATION PROGRAMS	TECH SERVICES - PARK/BEACH AND REC	$1,248.00	
			Total For: COEUR D'ALENE UMPIRES ASSC INC		**$1,248.00**
Vendor: Conoco - Dairy Depot					
	9023428	T0035 GAS TO AIRPORT/COMMUNITY CARE CONF.			$45.29
		MAYOR'S OFFICE	TRAINING AND TRAVEL	$45.29	
			Total For: Conoco - Dairy Depot		**$45.29**
Vendor: CONSOLIDATED SUPPLY CO.					
	S011744657.001	EZY OUT SCREW EXTRACTOR - ALL PARKS IRRIGATION			$8.64
		PARK MAINTENANCE & CAPITAL	IRRIGATION SUPPLIES	$8.64	
	S012006572.001	10) HANDLE RPR KT - MEMORIAL RESTROOMS			$28.99
		PARK MAINTENANCE & CAPITAL	TOOLS	$28.99	
	S012021666.001	2) LATCHNG SOLENOID - ALL PARKS IRRIGATION			$
		PARK MAINTENANCE & CAPITAL	IRRIGATION SUPPLIES	$42.39	

Vendor Name	Invoice Number	Invoice Description / Service Area Description	GL Number Description	Line Item Amount	Invoice Amount
	S012014852.001	IRRIGATION SUPPLIES - WATER LINE TO BIKE SKILLS COURSE			$657.99
		PARK MAINTENANCE & CAPITAL	IRRIGATION SUPPLIES	$657.99	
	S011999092.001	WTP: PVC COUPLINGS/ELBOWS/TEE CONNECTOR			$404.83
		WATER TREATMENT	OPERATIONAL SUPPLIES/EQUIPMENT	$404.83	
	S012015422.001	WD: SAWZALL BLADES FOR PIPE CUTTING			$62.41
		WATER DISTRIBUTION	TOOLS	$62.41	
	S012025256.001	SC: PIPE END CAP			$13.67
		WASTEWATER COLLECTIONS	OPERATIONAL SUPPLIES/EQUIPMENT	$13.67	
	S012028083.001	WD: TUBE COUPLINGS & PRESSURE STIFFENER			$124.18
		WATER DISTRIBUTION	OPERATIONAL SUPPLIES/EQUIPMENT	$124.18	
	S012023690.001	WD: PIPE ADAPTER FITTINGS/THREAD SEALANT			$50.36
		WATER DISTRIBUTION	OPERATIONAL SUPPLIES/EQUIPMENT	$50.36	
	S012044349.001	IRRIGATION SUPPLIES - BYWAY			$479.47
		PARK MAINTENANCE & CAPITAL	IRRIGATION SUPPLIES	$479.47	
	S012035244.001	WD: DUAL OUTLET METER SETTER			$627.65
		WATER DISTRIBUTION	OPERATIONAL SUPPLIES/EQUIPMENT	$627.65	
	S012038995.001	WD: 2 BALL VALVES & 4 PIPE FITTINGS			$397.15
		WATER DISTRIBUTION	OPERATIONAL SUPPLIES/EQUIPMENT	$397.15	
	S012040222.001	WD: WTR MAIN LID & 10 PVC FITTINGS			$59.97
		WATER DISTRIBUTION	OPERATIONAL SUPPLIES/EQUIPMENT	$59.97	
	S012040915.001	SHOP: WATER FILL STATION FILTERS			$100.00
		WATER DISTRIBUTION	FACILITY SUPPLIES	$33.33	
			Total For: CONSOLIDATED SUPPLY CO.		**$3,057.70**
Vendor: CO-OP GAS & SUPPLY CO.					
	49329	SHOP: TOOL KIT TO REPLACE TORCH			$49.99
		STREET MAINTENANCE	TOOLS	$16.66	
	39438	WTP: 8 GAL DISTILLED WATER FOR TESTING			$22.32
		WATER TREATMENT	LABORATORY SUPPLIES	$22.32	
	39967	ST: 4 DURAPATCHER CHAINS			$14.36
		STREET MAINTENANCE	ROADWAY/PATH SUPPLIES/EQUIPMENT	$14.36	
	38886	WWTP: 11 PIECE SAW BLADE KIT+12" BLADE			$28.98
		WASTEWATER TREATMENT	TOOLS	$28.98	
			Total For: CO-OP GAS & SUPPLY CO.		**$115.65**
Vendor: CORY SHOOK					
	REIMB-157641	BOOT REIMB FY '24 -CORY SHOOK			$125.00
		WATER TREATMENT	UNIFORM & CLOTHING	$125.00	
			Total For: CORY SHOOK		**$125.00**
Vendor: CULLIGAN LLC					
	202408695182	WWTP: MNTHLY H2O & COOLER RNTL -JULY '24			$50.70
		WASTEWATER TREATMENT	OPERATIONAL SUPPLIES/EQUIPMENT	$50.70	
			Total For: CULLIGAN LLC		**$**

Vendor Name	Invoice Number	Invoice Description / Service Area Description	GL Number Description	Line Item Amount	Invoice Amount
Vendor: Currency Conversion Fee					
	33C5526E-435286.1	EFT TRANSACTION FEE - SOFTWARE PURCHASE			$1.44
		PLANNING DIVISION	SOFTWARE/SAAS - OTHER/MISCELLANEOU	$1.44	
			Total For: Currency Conversion Fee		**$1.44**
Vendor: Dollar Tree					
	001428	TONGS FOR EMP PICNIC			$5.00
		CENTRAL SERVICES DEPARTMENT	SUSTENANCE/FOOD	$5.00	
			Total For: Dollar Tree		**$5.00**
Vendor: FEDERAL EXPRESS					
	8-569-43792	WWTP: LAB SAMPLES TO TOXIC WASTE FCLTY			$104.47
		WASTEWATER TREATMENT	POSTAGE	$104.47	
	8-576-77130	WWTP: BIOMONITORING TST TO SEACREST GROUP			$204.25
		WASTEWATER TREATMENT	POSTAGE	$204.25	
			Total For: FEDERAL EXPRESS		**$308.72**
Vendor: FIRST COMMUNICATIONS LLC					
	126947455	LONG DISTANCE PHONE CHGS- JULY '24			$106.12
		INFORMATION TECHNOLOGY DIVISION	TELEPHONE - LANDLINE & OTHER	$106.12	
			Total For: FIRST COMMUNICATIONS LLC		**$106.12**
Vendor: Garland Printing Company					
	62103	2000) TARGETS FOR SHOOTING RANGE			$526.03
		RECREATION PROGRAMS	OPERATIONAL SUPPLIES/EQUIPMENT	$526.03	
			Total For: Garland Printing Company		**$526.03**
Vendor: GENERAL FIRE APPARATUS INC					
	19174	AC COMPRESSOR REPAIR PARTS -1141			$809.25
		FIRE DEPARTMENT - SANDPOINT	VEHICLE & MACH SUPPLIES/PARTS	$809.25	
			Total For: GENERAL FIRE APPARATUS INC		**$809.25**
Vendor: GRIPTION TIRES INC					
	66889	2 TRACTOR TIRES+MOUNT&BALNC - SPORTS COMPLEX - JOHN DEERE			$720.90
		PARK MAINTENANCE & CAPITAL	SERVICES - AUTOMOTIVE - R&M	$720.90	
			Total For: GRIPTION TIRES INC		**$720.90**
Vendor: HACH COMPANY					
	14130746	WTP: CL17 CHEMICALS FOR TREATING WATER			$85.43
		WATER TREATMENT	LABORATORY SUPPLIES	$85.43	
			Total For: HACH COMPANY		**$85.43**
Vendor: IDAHO ASPHALT SUPPLY INC					
	4-582470	ST: TACK OIL FOR DURAPATCHING			$552.50
		STREET MAINTENANCE	ROADWAY/PATH SUPPLIES/EQUIPMENT	$552.50	
	4-581490	ST: TACK OIL FOR DURAPATCHING			$6[illegible]

Vendor Name	Invoice Number	Invoice Description / Service Area Description	GL Number Description	Line Item Amount	Invoice Amount
		STREET MAINTENANCE	ROADWAY/PATH SUPPLIES/EQUIPMENT	$604.50	
	4-579039	ST: TACK OIL FOR DURAPATCHING			$572.00
		STREET MAINTENANCE	ROADWAY/PATH SUPPLIES/EQUIPMENT	$572.00	
			Total For: IDAHO ASPHALT SUPPLY INC		**$1,729.00**
Vendor: IDAHO DEPT OF LANDS					
	200042	ROAD USE PERMIT-BALDY MOUNTAIN			$4,000.00
		GENERAL GOVERNMENT PROJECTS	RENTAL OF LAND AND BUILDING	$4,000.00	
			Total For: IDAHO DEPT OF LANDS		**$4,000.00**
Vendor: INLAND FOREST MANAGEMENT INC					
	6756	FOREST SERVICE MGMT- JUNE '24			$8,795.80
		WATER CAPITAL PROJECTS	OTHER PROF SERVICE - ENGINEERING/AR	$8,795.80	
			Total For: INLAND FOREST MANAGEMENT INC		**$8,795.80**
Vendor: INSIGHT DISTRIBUTING INC					
	0506931	5 CASE TP JUMBO 2 PLY - BEACH			$196.45
		PARK MAINTENANCE & CAPITAL	OPERATIONAL SUPPLIES/EQUIPMENT	$196.45	
	0507247-IN	FIRE DEPT SUPPLIES			$840.69
		GOVERNMENT BUILDING & GROUNDS DI	OPERATIONAL SUPPLIES/EQUIPMENT	$840.69	
	0507485-IN	FIRE DEPT HAND CLNR/LAUNDRY DETERGENT			$191.85
		GOVERNMENT BUILDING & GROUNDS DI	OPERATIONAL SUPPLIES/EQUIPMENT	$191.85	
	0507244-IN	RESTROOM PRODUCT RESTOCK			$1,010.19
		GOVERNMENT BUILDING & GROUNDS DI	OPERATIONAL SUPPLIES/EQUIPMENT	$196.45	
			Total For: INSIGHT DISTRIBUTING INC		**$2,239.18**
Vendor: Intl Code Council Inc					
	101831537	RES PLAN EXAMINER STUDY GUIDE -GARAN WILSON			$79.00
		BUILDING DIVISION	EDUCATION/TRAINING SUPPLIES	$79.00	
			Total For: Intl Code Council Inc		**$79.00**
Vendor: JACOBS ENGINEERING GROUP INC					
	W3Y13702-04	PLANNER SERVICES 6/29/24-7/26/24			$16,787.59
		PLANNING DIVISION	TECH SERVICES - PLANNING	$16,787.59	
			Total For: JACOBS ENGINEERING GROUP INC		**$16,787.59**
Vendor: Jake's Chimney Sweep					
	0000127520	CD REFUND - MECHANICAL PERMIT 11 HACKNEY LANE			$130.00
		UNCLASSIFIED	ACCOUNTS PAYABLE	$100.00	
			Total For: Jake's Chimney Sweep		**$130.00**
Vendor: JASON WELKER					
	PER DIEM T0035	T0035 PER DIEM FOR BLUE CROSS FOUNDATION SEMINAR			$127.00
		MAYOR'S OFFICE	TRAINING AND TRAVEL	$127.00	
			Total For: JASON WELKER		**$1**

Vendor Name	Invoice Number	Invoice Description / Service Area Description	GL Number Description	Line Item Amount	Invoice Amount
Vendor: JONATHAN GRIMM					
	PER DIEM T0034	T0034-JEREMY PER DIEM-BLUECROSS FOUNDATION MEETING			$231.25
		MAYOR'S OFFICE	TRAINING AND TRAVEL	$231.25	
			Total For: JONATHAN GRIMM		**$231.25**
Vendor: KG & T SEPTIC INC					
	44979	PORTABLE TOILET RNTL & SRVC AUG '24			$4,265.00
		PARK MAINTENANCE & CAPITAL	MULTI-PURPOSE WASTE DISPOSAL/PORTA	$744.00	
			Total For: KG & T SEPTIC INC		**$4,265.00**
Vendor: KODIAK ADVERTISING					
	3026	6X VINYL QR CODES FOR RCT SIGNS			$114.00
		STREET CAPITAL & PROJECTS	ADVERTISING	$114.00	
	3033	8) DOGS ALLOWED ON LEASH SGNS			$336.00
		PARK MAINTENANCE & CAPITAL	SIGNAGE SUPPLIES/EQUIPMENT	$336.00	
			Total For: KODIAK ADVERTISING		**$450.00**
Vendor: Kodiak Advertising Inc					
	3035	(3) 2X3 FT PUBLIC NOTICE SIGNS			$195.00
		PLANNING DIVISION	PRINTING AND BINDING	$195.00	
			Total For: Kodiak Advertising Inc		**$195.00**
Vendor: LAKE CITY LAW GROUP PLLC					
	38252	LEGAL SVCS- JUNE & JULY '24			$8,207.50
		LEGAL	OTHER PROF SERVICE - LEGAL - CIVIL	$8,207.50	
			Total For: LAKE CITY LAW GROUP PLLC		**$8,207.50**
Vendor: LES SCHWAB TIRE CENTER					
	10800842235	BRAKE INSP, TIRE SNSR RPLCMNT/PROGRAMMING -SPD 14			$179.96
		POLICE DEPARTMENT	SERVICES - AUTOMOTIVE - R&M	$179.96	
			Total For: LES SCHWAB TIRE CENTER		**$179.96**
Vendor: Mentimeter Basic					
	33C5526E-435286	INTERACTIVE PRESENTATION SOFTWARE			$143.88
		PLANNING DIVISION	SOFTWARE/SAAS - OTHER/MISCELLANEOU	$143.88	
			Total For: Mentimeter Basic		**$143.88**
Vendor: NAPA AUTO PARTS					
	194619	2) BTTRY OPRTD PMP - SHOP TOOLS			$50.14
		PARK MAINTENANCE & CAPITAL	TOOLS	$50.14	
	193438	WWTP: (2) BATTERY W/6MO WARRANTY + DEPOSIT			$287.84
		WASTEWATER TREATMENT	FACILITY SUPPLIES	$287.84	
	193499-C	WWTP: (2) BATTERY DEPOSIT CREDIT - INV 193438			$(54.00)
		WASTEWATER TREATMENT	FACILITY SUPPLIES	$(54.00)	
	193933	WWTP: AIR HOSE FOR TREATMENT TANK			$

Vendor Name	Invoice Number	Invoice Description / Service Area Description	GL Number Description	Line Item Amount	Invoice Amount
		WASTEWATER TREATMENT	FACILITY SUPPLIES	$24.82	
	195069	OIL CHANGE SUPPLIES - MOWERS - ALL PARKS			$80.01
		PARK MAINTENANCE & CAPITAL	VEHICLE & MACH SUPPLIES/PARTS	$80.01	
	195089	2) MOWER OIL - ALL PARKS			$64.43
		PARK MAINTENANCE & CAPITAL	VEHICLE & MACH SUPPLIES/PARTS	$64.43	
			Total For: NAPA AUTO PARTS		**$453.24**
Vendor: NEWMAN SIGNS INC					
	TRFINV055624	ST: 20 NO PARKING BETWEEN SIGNS			$337.94
		STREET MAINTENANCE	SIGNAGE SUPPLIES/EQUIPMENT	$337.94	
			Total For: NEWMAN SIGNS INC		**$337.94**
Vendor: NORTH 40 OUTFITTERS					
	045641/B	ST: DURA PATCHER MOUNTING PLATE/HITCH			$289.95
		STREET MAINTENANCE	ROADWAY/PATH SUPPLIES/EQUIPMENT	$289.95	
	045639/B	WWTP: EXTENDABLE NET TO FISH OUT CRITTERS			$109.99
		WASTEWATER TREATMENT	OPERATIONAL SUPPLIES/EQUIPMENT	$109.99	
	045624/B	WTP: HERBISIDE FOR GROUNDSKEEPING			$69.95
		WATER TREATMENT	TURF/GROUND/TREE/PLANT SUPPLIES/EQ	$69.95	
	045644/B	SHOP: RESTOCK SHROUDS & MACHINE WIRING			$42.25
		STREET MAINTENANCE	VEHICLE & MACH SUPPLIES/PARTS	$14.08	
	045634/B	JACK FOR TRAILER - SPORTS CMPLX			$44.99
		PARK MAINTENANCE & CAPITAL	OPERATIONAL SUPPLIES/EQUIPMENT	$44.99	
	45792/B	WATER PUMP FOR FLOWERS -PUMP 3.5 GPM 12V -			$129.99
		PARK MAINTENANCE & CAPITAL	TURF/GROUND/TREE/PLANT SUPPLIES/EQ	$129.99	
	045722/B	HOSE SHUT OFF, BRASS ADAPTERS - FLOWER BASKETS			$18.47
		PARK MAINTENANCE & CAPITAL	TURF/GROUND/TREE/PLANT SUPPLIES/EQ	$18.47	
	045736/B	BALL MOUNT & HITCH PIN - 1 TON - ALL PARKS			$80.98
		PARK MAINTENANCE & CAPITAL	TOOLS	$80.98	
	045744/B	ST: EQUIPMENT ELECTRICAL ADAPTERS			$33.98
		STREET MAINTENANCE	VEHICLE & MACH SUPPLIES/PARTS	$33.98	
			Total For: NORTH 40 OUTFITTERS		**$820.55**
Vendor: Northern Idaho Powersport					
	36054	ST: SKID STEER HYDRAULIC FLUID EXCHANGE			$48.48
		STREET MAINTENANCE	VEHICLE & MACH SUPPLIES/PARTS	$48.48	
	36033	ST: SKID STEERS HYDRAULIC OIL			$172.83
		STREET MAINTENANCE	VEHICLE & MACH SUPPLIES/PARTS	$172.83	
			Total For: Northern Idaho Powersport		**$221.31**
Vendor: NORTHERN LIGHTS					
	07302024	MONTHLY UTILITIES JULY '24			$900.01
		WATER TREATMENT	ELECTRICITY	$324.53	
			Total For: NORTHERN LIGHTS		**$9**
Vendor: PACIFIC STEEL & RECYCLING					

Vendor Name	Invoice Number	Invoice Description / Service Area Description	GL Number Description	Line Item Amount	Invoice Amount
	8785060	ST: STEEL SQUARE TUBING FOR SIGNS			$12.19
		STREET MAINTENANCE	SIGNAGE SUPPLIES/EQUIPMENT	$12.19	
			Total For: PACIFIC STEEL & RECYCLING		**$12.19**
Vendor: PASSPORT LABS INC					
	INV-1046582	PARKING ENFORCEMENT SVCS JULY '24			$2,238.09
		POLICE DEPARTMENT	TECH SERVICES - PUBLIC SAFETY TICKETI	$2,238.09	
			Total For: PASSPORT LABS INC		**$2,238.09**
Vendor: Paypro Faronics					
	32265608	PUBLIC INTERFACE SOFTWARE KIOSKS @CITY HALL			$16.00
		INFORMATION TECHNOLOGY DIVISION	SOFTWARE/SAAS - OTHER/MISCELLANEOU	$16.00	
			Total For: Paypro Faronics		**$16.00**
Vendor: PEAK SAND & GRAVEL INC					
	100874	ST: WASHED CHIPS FOR DURAPATCHER -11.64 TON			$325.92
		STREET MAINTENANCE	ROADWAY/PATH SUPPLIES/EQUIPMENT	$325.92	
	100912	ST: 12.55 TON DURAPATCHER CHIPS			$351.40
		STREET MAINTENANCE	ROADWAY/PATH SUPPLIES/EQUIPMENT	$351.40	
			Total For: PEAK SAND & GRAVEL INC		**$677.32**
Vendor: PELICANCORP ONE CALL INC					
	INV-0728	UTILITY LOCATOR SERVICE JULY '24			$354.90
		WATER DISTRIBUTION	TELEPHONE - LANDLINE & OTHER	$177.45	
		WASTEWATER COLLECTIONS	TELEPHONE - LANDLINE & OTHER	$177.45	
			Total For: PELICANCORP ONE CALL INC		**$354.90**
Vendor: POLYDYNE INC					
	1856749	WWTP: POLYMER SLUDGE THICKENER			$275.00
		WASTEWATER TREATMENT	CHEMICAL SUPPLIES	$275.00	
			Total For: POLYDYNE INC		**$275.00**
Vendor: REHN & ASSOCIATES					
	00203617	COBRA NOTICE X7			$175.00
		CENTRAL SERVICES DEPARTMENT	OTHER PROF SERVICE - HUMAN RESOURC	$175.00	
			Total For: REHN & ASSOCIATES		**$175.00**
Vendor: ROUTE 66 AUTOBODY					
	5211	WD: 2011 F350 BUMPER REPAIRS			$2,500.00
		WATER DISTRIBUTION	SERVICES - AUTOMOTIVE - R&M	$2,500.00	
			Total For: ROUTE 66 AUTOBODY		**$2,500.00**
Vendor: Safeway #0350					
	00044503	BUNS,DRINK,CONDIMENTS,CHIPS-EMP PICNIC			$123.65
		CENTRAL SERVICES DEPARTMENT	SUSTENANCE/FOOD	$123.65	
	00031748	GIFT CARDS-EMP PICNIC			$

Vendor Name	Invoice Number	Invoice Description / Service Area Description	GL Number Description	Line Item Amount	Invoice Amount
		CENTRAL SERVICES DEPARTMENT	OPERATIONAL SUPPLIES/EQUIPMENT	$51.90	
			Total For: Safeway #0350		**$175.55**
Vendor: SAGLE FIRE DISTRICT					
	2185	FIREFIGHTER OT+BENEFITS 6/23-6/29 '24			$10,085.63
		FIRE DEPARTMENT - SANDPOINT	TECH SERVICES - PUBLIC SAFETY - FIRE J	$10,085.63	
			Total For: SAGLE FIRE DISTRICT		**$10,085.63**
Vendor: SAMANTHA STOUGHTENGER BRANSON					
	REIMB 080624	REIMBURSEMENT FOR EXPENSES- 2ND INTERVIEW			$469.87
		PUBLIC WORKS ADMINISTRATION	MEETINGS (NOT RELATED TO TRAINING)	$469.87	
			Total For: SAMANTHA STOUGHTENGER BRANSON		**$469.87**
Vendor: SAND CREEK CUSTOM WEAR					
	07232	EMBROIDERY FOR 2 JACKETS			$25.00
		FIRE DEPARTMENT - SANDPOINT	UNIFORM & CLOTHING	$25.00	
			Total For: SAND CREEK CUSTOM WEAR		**$25.00**
Vendor: SANDPOINT SUPER DRUG					
	25835/1	SHOP:CAR WASH SUPPLIES/AIR FRESHENER			$35.02
		WATER DISTRIBUTION	FACILITY SUPPLIES	$11.67	
			Total For: SANDPOINT SUPER DRUG		**$35.02**
Vendor: SANDPOINT URBAN RENEWAL AGENCY					
	07312024	JUNE'24 TAX RECEIPTS COLLECTED			$493,460.19
		UNCLASSIFIED	SANDPOINT URBAN RENEWAL AGENCY - N	$817.73	
			Total For: SANDPOINT URBAN RENEWAL AGENCY		**$493,460.19**
Vendor: SEACREST GROUP					
	524334.B	WWTP: BIOMONITORING TESTS/DILUTION			$2,674.00
		WASTEWATER TREATMENT	TECH SERVICES - LABORATORY	$2,674.00	
			Total For: SEACREST GROUP		**$2,674.00**
Vendor: SEW PRO 2					
	1627-41	HEM UNIFORM PANTS -S. KINGERY			$18.00
		POLICE DEPARTMENT	UNIFORM & CLOTHING	$18.00	
			Total For: SEW PRO 2		**$18.00**
Vendor: Societyforhumanresource					
	CS2334673	SHRM PROF MEMBERSHIP-EISIS ELLISON			$264.00
		CENTRAL SERVICES DEPARTMENT	LICENSES/DUES & SUBSCR (JOB RELATED)	$264.00	
			Total For: Societyforhumanresource		**$264.00**
Vendor: SOUTH FORK HARDWARE (PARKS)					
	382483	2) SPRY NZZL, DRILLBITS, GRDN HS - MEMORIAL			$1
		PARK MAINTENANCE & CAPITAL	TOOLS	$125.92	

Vendor Name	Invoice Number	Invoice Description / Service Area Description	GL Number Description	Line Item Amount	Invoice Amount
	383376	INSCT KLLR, 3) TRSHBG FBRZFRESH - MEMORIAL			$35.86
		PARK MAINTENANCE & CAPITAL	OPERATIONAL SUPPLIES/EQUIPMENT	$35.86	
	383684	DRILL BITS, NUTS & BOLTS - MEMORIAL			$29.76
		PARK MAINTENANCE & CAPITAL	TOOLS	$29.76	
	383871	GLASS CLNR, DOOR STOP - CITY HALL			$33.95
		GOVERNMENT BUILDING & GROUNDS DI	OPERATIONAL SUPPLIES/EQUIPMENT	$33.95	
	383550	2) CHN SAW FILE, GAUGE & FILE - BEACH SHOP TOOLS			$28.47
		PARK MAINTENANCE & CAPITAL	TOOLS	$28.47	
	383570	SHARPENING STONE AND TOOLS - BEACH SHOP TOOLS			$37.47
		PARK MAINTENANCE & CAPITAL	TOOLS	$37.47	
	383973	5) VARIOUS SAND PAPER - BEACH TOOLS			$22.65
		PARK MAINTENANCE & CAPITAL	TOOLS	$22.65	
	384061	TRASH BAGS 64CT - BEACH			$16.99
		PARK MAINTENANCE & CAPITAL	OPERATIONAL SUPPLIES/EQUIPMENT	$16.99	
	384374	NOZZLE - FLOWER BASKETS			$9.79
		PARK MAINTENANCE & CAPITAL	TURF/GROUND/TREE/PLANT SUPPLIES/EQ	$9.79	
	384367	IRRIGATION SUPPLIES - BEACH			$21.35
		PARK MAINTENANCE & CAPITAL	IRRIGATION SUPPLIES	$21.35	
	384468	MOUSE TRAP AND BAIT - CITY HALL			$8.57
		GOVERNMENT BUILDING & GROUNDS DI	OPERATIONAL SUPPLIES/EQUIPMENT	$8.57	
			Total For: SOUTH FORK HARDWARE (PARKS)		**$370.78**
Vendor: SOUTH FORK HARDWARE (PUB WKS)					
	383565	SC: QUICK JACK COVER TIMBERLINE LFT STATION			$4.49
		WASTEWATER COLLECTIONS	OPERATIONAL SUPPLIES/EQUIPMENT	$4.49	
	382789	WTP: 17 OZ WHITE MARKING SPRAY PAINT			$8.99
		WATER TREATMENT	FACILITY SUPPLIES	$8.99	
			Total For: SOUTH FORK HARDWARE (PUB WKS)		**$13.48**
Vendor: Spokane International Air					
	4631	T0035 PARKED CITY CAR IN SPOKANE FOR TRIP TO BOISE			$18.00
		MAYOR'S OFFICE	TRAINING AND TRAVEL	$18.00	
	011614	T0034-PARKING-COMM HEALTH GRANT ACAD-J. GRIMM			$18.00
		MAYOR'S OFFICE	TRAINING AND TRAVEL	$18.00	
			Total For: Spokane International Air		**$36.00**
Vendor: STANTEC CONSULTING SERVICES INC					
	2261759	WW COLL. HYDRAULIC ANALYSIS SVCS			$7,197.50
		WASTEWATER CAPITAL PROJECTS	OTHER PROF SERVICE - ENGINEERING/AR	$280.00	
			Total For: STANTEC CONSULTING SERVICES INC		**$7,197.50**
Vendor: Staples 00105726					
	69730	SHARPIES & PRINTER INK - MEMORIAL OFFICE SUPPLIES			$148.93
		PARK MAINTENANCE & CAPITAL	OPERATIONAL SUPPLIES/EQUIPMENT	$148.93	
	2241673063	WTP: DAILY LOGS & LAMINATED INSTRUCTIONS			$7

Vendor Name	Invoice Number	Invoice Description / Service Area Description	GL Number Description	Line Item Amount	Invoice Amount
		WATER TREATMENT	PRINTING AND BINDING	$707.66	
			Total For: Staples 00105726		**$856.59**
Vendor: Super 1 Foods Sandp					
	070468	ICE FOR DRINKS- EMP PICNIC			$11.56
		CENTRAL SERVICES DEPARTMENT	SUSTENANCE/FOOD	$11.56	
	062227	STATION LAUNDRY AND DISH WASHER SOAP			$22.11
		FIRE DEPARTMENT - SANDPOINT	FACILITY SUPPLIES	$22.11	
	002000	GIFT CARDS-EMP PICNIC			$80.85
		CENTRAL SERVICES DEPARTMENT	OPERATIONAL SUPPLIES/EQUIPMENT	$80.85	
	039412	POTATO/MAC SALAD,SPICES-EMP PICNIC			$82.72
		CENTRAL SERVICES DEPARTMENT	SUSTENANCE/FOOD	$82.72	
	010368	COOKIES-EMP PICNIC			$47.88
		CENTRAL SERVICES DEPARTMENT	SUSTENANCE/FOOD	$47.88	
	071641	CONDIMENTS,VEGGIES-EMP PICNIC			$90.96
		CENTRAL SERVICES DEPARTMENT	SUSTENANCE/FOOD	$90.96	
	049563	SEASONING,ICE-EMP PICNIC			$31.56
		CENTRAL SERVICES DEPARTMENT	SUSTENANCE/FOOD	$31.56	
			Total For: Super 1 Foods Sandp		**$367.64**
Vendor: SYMBOLARTS					
	400308	100 PD CHALLENGE COINS			$878.00
		POLICE DEPARTMENT	OPERATIONAL SUPPLIES/EQUIPMENT	$878.00	
			Total For: SYMBOLARTS		**$878.00**
Vendor: The Home Depot #1810					
	007500/9126741	GARDEN SOIL, HOSE HANGER -BIKE SKILLS COURSE - SPORTS COMP			$105.86
		PARK MAINTENANCE & CAPITAL	TURF/GROUND/TREE/PLANT SUPPLIES/EQ	$105.86	
			Total For: The Home Depot #1810		**$105.86**
Vendor: The Home Depot 1810					
	040188/5023363	PLYWOOD FOR TRAINING -FIRE			$92.47
		FIRE DEPARTMENT - SANDPOINT	EDUCATION/TRAINING SUPPLIES	$92.47	
			Total For: The Home Depot 1810		**$92.47**
Vendor: The Riverside Hotel					
	384116-TIP	T0034-HOTEL-COMM HEALTH GRANT ACAD-J. GRIMM			$4.00
		MAYOR'S OFFICE	TRAINING AND TRAVEL	$4.00	
	384116	T0034-HOTEL-COMM HEALTH GRANT ACAD-J. GRIMM			$326.57
		MAYOR'S OFFICE	TRAINING AND TRAVEL	$326.57	
	1011772	T0035 TIPS RS GRILL - WILL BE DEDUCTED FROM PER DIEM			$4.00
		MAYOR'S OFFICE	TRAINING AND TRAVEL	$4.00	
	545739	T0035 HOTEL-BLUE CROSS COMM. SAFETY SEMINAR			$287.37
		MAYOR'S OFFICE	TRAINING AND TRAVEL	$287.37	
			Total For: The Riverside Hotel		**$6**

Vendor Name	Invoice Number	Invoice Description / Service Area Description	GL Number Description	Line Item Amount	Invoice Amount
Vendor: TYLER WAGNER					
	PRESS-0099 SIDEWALK	SIDEWALK IN-LIEU WORK PERFORMED AT 820 PINE STREET			$4,253.70
		STREET MAINTENANCE	SERVICES - SIDEWALK/CURB REPAIR/FUR	$4,253.70	
			Total For: TYLER WAGNER		**$4,253.70**
Vendor: Uber Trip					
	3746	T0034-UBER-COMM HEALTH GRANT ACAD-J. GRIMM			$13.98
		MAYOR'S OFFICE	TRAINING AND TRAVEL	$13.98	
	080224	T0034-UBER-COMM HEALTH GRANT ACAD-J. GRIMM			$7.90
		MAYOR'S OFFICE	TRAINING AND TRAVEL	$7.90	
	T0034-UBER	T0034-UBER-BLUECROSS FOUNDATION MEETING-J. GRIMM			$2.26
		MAYOR'S OFFICE	TRAINING AND TRAVEL	$2.26	
			Total For: Uber Trip		**$24.14**
Vendor: USA BLUE BOOK					
	INV00441067	WTP: 1/4" TUBING WITH CONNECTORS			$91.50
		WATER TREATMENT	LABORATORY SUPPLIES	$91.50	
	INV00434756	WWTP: LAB SUPPLIES FOR TESTING			$430.93
		WASTEWATER TREATMENT	LABORATORY SUPPLIES	$430.93	
	INV00445294	WWTP: (5) REPLACEMENT CUBE CONTAINERS -LIQUID			$34.70
		WASTEWATER TREATMENT	LABORATORY SUPPLIES	$34.70	
	INV00449718	WWTP: PIPET/FIBER FLTR/PH BUFFERS			$694.12
		WASTEWATER TREATMENT	LABORATORY SUPPLIES	$694.12	
			Total For: USA BLUE BOOK		**$1,251.25**
Vendor: VALBRIDGE PROPERTY ADVISORS					
	ID01-24-0029-000	UNION PACIFIC REAL ESTATE APPRAISAL SVCS			$4,000.00
		PLANNING DIVISION	OTHER PROF SERVICE - APPRAISAL/TITLE	$4,000.00	
			Total For: VALBRIDGE PROPERTY ADVISORS		**$4,000.00**
Vendor: VESTIS GROUP, INC					
	GEG1-004032	SHOP: FIRST AID SUPPLY RESTOCK			$275.73
		WATER DISTRIBUTION	SAFETY/PPE/MEDICAL SUPPLIES/EQUIPME	$91.91	
			Total For: VESTIS GROUP, INC		**$275.73**
Vendor: Wal-Mart #2485					
	039388	UTENSILS,PLATES,NAPKINS-EMP PICNIC			$49.40
		CENTRAL SERVICES DEPARTMENT	SUSTENANCE/FOOD	$49.40	
			Total For: Wal-Mart #2485		**$49.40**
Vendor: WASTE MANAGEMENT OF IDAHO INC					
	08062024	RESIDENTIAL REFUSE & WASTE - JULY '24			$48,049.74
		SANITATION/GARBAGE COLLECTION	TECH SERVICES - GARBAGE REMOVAL	$48,049.74	
			Total For: WASTE MANAGEMENT OF IDAHO INC		**$48,0**
Vendor: WATERFRONT PROPERTY MANAGEMENT					

Vendor Name	Invoice Number	Invoice Description / Service Area Description	GL Number Description	Line Item Amount	Invoice Amount
	54011	FUEL FOR FIRE BOAT-JULY'24 PT 1			$95.12
		FIRE DEPARTMENT - SANDPOINT	FUEL - GASOLINE/DIESEL	$95.12	
	53882	FUEL FOR FIRE BOAT-JULY'24 PT 2			$148.90
		FIRE DEPARTMENT - SANDPOINT	FUEL - GASOLINE/DIESEL	$148.90	
	54002	FUEL FOR FIRE BOAT-AUG '24 PT 1			$116.82
		FIRE DEPARTMENT - SANDPOINT	FUEL - GASOLINE/DIESEL	$116.82	
			Total For: WATERFRONT PROPERTY MANAGEMENT		**$360.84**
Vendor: WELCH COMER & ASSOCIATES INC					
	44050010-008	FIFTH AVE STOPLIGHT DSGN SVCS 5/19/24-6/5/24			$1,993.75
		STREET CAPITAL & PROJECTS	OTHER PROF SERVICE - ENGINEERING/AR	$1,993.75	
	44050010-009	FIFTH AVE STOPLIGHT - DSGN SVCS 6/16/24-7/20/24			$1,397.50
		STREET CAPITAL & PROJECTS	OTHER PROF SERVICE - ENGINEERING/AR	$1,397.50	
	44050020-005	BRIDGE ST SIDEWALK DSGN SVCS 6/16/24-7/20/24			$1,900.00
		STREET CAPITAL & PROJECTS	OTHER PROF SERVICE - ENGINEERING/AR	$1,900.00	
			Total For: WELCH COMER & ASSOCIATES INC		**$5,291.25**
Vendor: WESTERN STATES EQUIPMENT CO					
	CM00173478	ST: SNWBLWR WTR PUMP CREDIT			$(230.75)
		STREET MAINTENANCE	VEHICLE & MACH SUPPLIES/PARTS	$(230.75)	
			Total For: WESTERN STATES EQUIPMENT CO		**$(230.75)**
Vendor: Woods Meats					
	016307	BURGERS & SMOKIES-EMP PICNIC			$217.87
		CENTRAL SERVICES DEPARTMENT	SUSTENANCE/FOOD	$217.87	
			Total For: Woods Meats		**$217.87**
Vendor: WORKPLACE LAW GROUP PC					
	WL100036	LABOR NEGOTIATION SERVICES- JULY '24			$1,778.60
		CENTRAL SERVICES DEPARTMENT	OTHER PROF SERVICE - HUMAN RESOURC	$1,778.60	
			Total For: WORKPLACE LAW GROUP PC		**$1,778.60**

Grand Total: $750,516.20

Signature: _____ Date: _____

Printed Name: _____

AGENDA REPORT

City Council Meeting

TODAY'S DATE: August 9, 2024

MEETING DATE: August 21, 2024

TO: MAYOR AND CITY COUNCIL

FROM: Holly Ellis, Construction Manager

SUBJECT: Request to Bid the Bridge Street Bridge Rehabilitation Project

DESCRIPTION/BACKGROUND:

Built in 1969, Sandpoint's Bridge Street Bridge over Sand Creek is now 55 years old. This bridge connects downtown Sandpoint to City Beach and the Lake Water Treatment Plant.

The Idaho Transportation Department (ITD) conducts biennial inspections of the bridge to ensure public safety in line with the National Bridge Inspection Standards (NBIS). These inspections include repair recommendations, load ratings, and decisions on load postings and closures for deficient bridges. The latest inspection report from 2023 is attached.

The City's 2021 Multimodal Transportation Master Plan (MTMP) identifies the bridge as functionally obsolete and in need of replacement, estimating a $6,000,000 Capital Improvement Project for this purpose. The City will need to seek funding opportunities for the project.

Anticipating that it may take years to fund the project, in 2023 the City engaged Keller Associates to prepare a Feasibility Plan to assess and recommend rehabilitation work needed over the next 10 years. This Feasibility Plan is attached.

The substructure of the bridge is currently rated in Fair Condition defined as,"all primary structural elements are sound but may have minor section loss, cracking, spalling or scour". The fair condition substructure rating is based on the deterioration of the steel shell piles at each pier. This condition is expected to remain stable until 2026 before rating Poor Condition, defined as "advanced section loss, deterioration, spalling or scour". Without repair, the bridge's load rating would be reduced, and load restrictions could be imposed by ITD. The Feasibility Plan recommends protective measures to maintain the capacity of the steel shell piles.

This project will apply a protective coating to preserve the bridge's pile piers and cross bracing and prevent further deterioration, as recommended in the Feasibility Plan.

This project will be bid according to Idaho Code 67-2805A, with construction budgeted for FY 2025, pending City Council approval. Construction is expected to begin in late fall 2025.

STAFF RECOMMENDATION:

Staff recommends City Council approve the design of the Bridge Street Bridge Rehabilitation project and authorize staff to finalize the construction documents and advertise the project for construction

bids. If approved, it is anticipated that a request to award a construction contract will be presented to City Council for consideration in October.

ACTION:

Move to approve the design of the Bridge Street Bridge Rehabilitation project and authorize staff to finalize the construction documents and advertise the project for construction bids. If approved, it is anticipated that a request to award a construction contract will be presented to City Council for consideration in October.

WILL THERE BE ANY FINANCIAL IMPACT? YES HAS THIS ITEM BEEN BUDGETED? YES

ATTACHMENTS:

1. Draft Plans - Bridge Street Bridge Rehabilitation Project
2. 2023 Bridge Street Rehabilitation Feasibility Plan
3. 2023 ITD Bridge Inspection

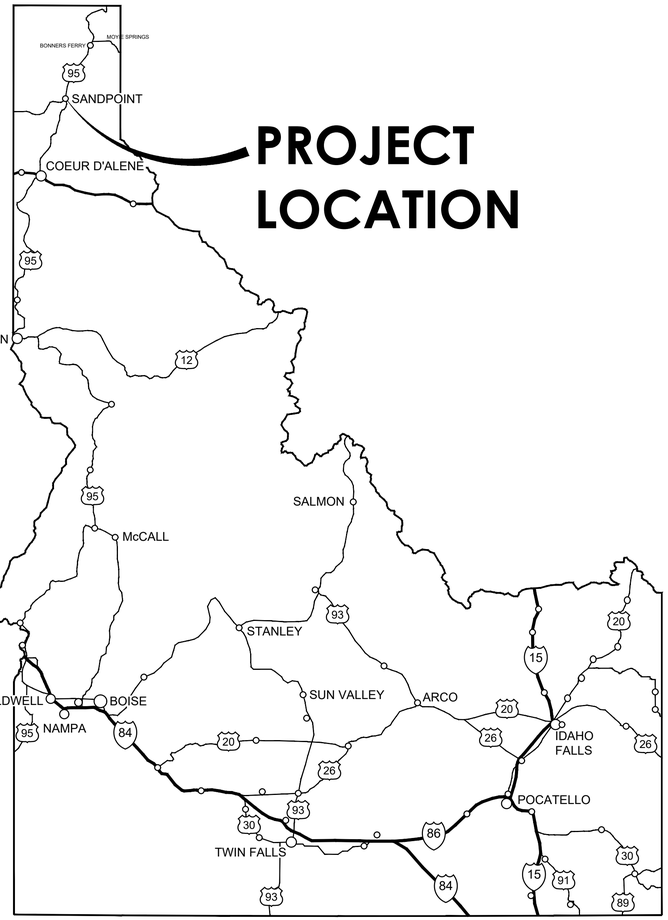
City of

SANDPOINT, IDAHO

BRIDGE STREET REHABILITATION

95% DESIGN

JULY - 2024



PROJECT LOCATION

A1 LOCATION MAP

N.T.S.

SHEET INDEX	
SHEET NUMBER	SHEET TITLE
G-100	TITLE SHEET
G-101	LEGEND
G-103	GENERAL NOTES
C-100	BRIDGE WORK LIMITS
C-101	BRIDGE DETAIL SHEET
C-102	BRIDGE DETAIL SHEET 2

OWNER
CITY OF SANDPOINT
1123 LAKE ST.
SANDPOINT, IDAHO 83864
CONTACT: HOLLY ELLIS,
CONSTRUCTION MANAGER
PHONE: (208) 946-2087
HELLIS@SANDPOINTIDAHO.GOV

CIVIL ENGINEER
KELLER ASSOCIATES, INC.
601 SHERMAN AVE, SUITE 1
COEUR D'ALENE, ID 83814
CONTACT: BEN DAVIS, PE
PHONE: (208)758-8601

811 Know what's **below.** **Call** before you dig. 800.342.1585

PROJECT SITE

A3 VICINITY MAP

N.T.S.

KELLER ASSOCIATES
131 SW 5th Avenue, Suite A
Meridian, Idaho 83642
(208) 288-1992

PROFESSIONAL ENGINEER LICENSED 17638 STATE OF IDAHO BEN DAVIS

NO.	REVISIONS	DATE

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SANDPOINT

SANDPOINT BRIDGE STREET REHABILITATION

TITLE SHEET

DRAWN: CMC | CHECK: BTD

VERIFY SCALE: Scales based on 22"x34" prints.

1-1/2 Inches

PROJECT NO. 223167 | PAGE 1

SHEET NO. G-100

J:\223167 SANDPOINT BRIDGE STREET REHAB\C_DESN_CAD\3_DESIGN\C-PLANS\G-SHEETS.DWG LAST SAVED: 7/22/2024 4:07 PM PRINTED: 7/23/2024 3:52 PM

EXISTING TOPOGRAPHY

- 2460 — TOPOGRAPHIC CONTOUR
- EG — EG — EDGE OF GRAVEL
- EP — EP — EDGE OF PAVEMENT
- CURB & GUTTER, SIDEWALK & DROP INLET
- GENERIC GATE — SWING GATE — FENCE (BARBED WIRE OR OTHER WITH GATES)
- SLIDER GATE — FENCE (CHAINLINK WITH GATE)
- DITCH FLOWLINE
- TP-31 — TEST PIT
- SIGN
- BUILDING OR STRUCTURE

PROPERTY & CONTROL

- CP #203 — SURVEY CONTROL POINT
- BM-1 — BENCHMARK
- FOUND BRASS CAP
- FOUND ALUMINUM CAP
- FOUND 5/8" STEEL PIN
- SET 5/8" STEEL PIN W/CAP
- FOUND 1/2" STEEL PIN
- SET 1/2" STEEL PIN W/CAP
- FOUND PK NAIL
- SET PK NAIL
- CALCULATED POINT
- WC — WITNESS CORNER
- EASEMENT - UTILITY
- EASEMENT - TEMPORARY
- EASEMENT - SETBACK
- PROJECT BOUNDARY
- P/L — P/L — PROPERTY LINES
- SECTION LINES
- R/W — R/W — PRESCRIPTIVE RIGHT OF WAY
- ROW — ROW — DEDICATED RIGHT OF WAY
- ( ) — DATA OF RECORD
- 6 / 7 — QUARTER SECTION - NOT FOUND
- 5 — CENTER SECTION
- 5 6 / 7 8 — SECTION CORNER - FOUND

EXISTING UTILITY

- 8"W — 8"W — WATERLINE & VALVE
- 12"SS> — 12"SS> — SANITARY SEWER LINE & MANHOLE
- <4"SS — <4"SS — SANITARY SEWER SERVICE & CLEANOUT
- PS — PS — PRESSURE SEWER LINE & VALVE VAULT
- 10"SD> — 10"SD> — STORM DRAIN LINE & MANHOLE
- 8"PI — 8"PI — 8"PI — PRESSURE IRRIGATION & VALVE
- GI — GI — GI — GRAVITY IRRIGATION & MANHOLE
- PP — OHP — OHP — OVERHEAD POWER LINE & POWER POLE
- UGP — UGP — UNDERGROUND POWER LINE
- SIGNAL POLE
- LIGHT POLE
- NG — NG — NG — NATURAL GAS LINE
- FO — FO — FO — FIBER OPTIC LINE
- TR — T — T — T — TELEPHONE LINE & RISER
- TV — CABLE — CABLE — CABLE LINE & RISER

PROPOSED GRADING

- 2457 — TOPOGRAPHIC CONTOUR
- RIDGELINE
- 1.50% — DRAINAGE ARROW & SLOPE
- + 57.73 — SPOT ELEVATION
- SWALE FLOWLINE
- DAYLIGHT - CUT LINE
- DAYLIGHT - FILL LINE

PROPOSED DEMOLITION, ABANDONMENT, REMOVAL

- DEMOLITION & REMOVAL
- ABANDON IN PLACE
- REMOVE SURFACE FEATURE
- CLEARING AND GRUBBING

PROPOSED SITE

- BUILDING OR STRUCTURE
- CONCRETE
- ASPHALT
- GRAVEL SURFACE
- GRAVEL SECTION
- LANDSCAPE ROCK

PROPOSED SITE (CONT.)

- GENERIC GATE — SWING GATE — FENCE (BARBED WIRE OR OTHER WITH GATES)
- SLIDER GATE — FENCE (CHAINLINK WITH GATE)
- EP — EP — EDGE OF PAVEMENT
- EG — EG — EDGE OF GRAVEL
- SIGN
- 6" VERTICAL CURB, GUTTER, SIDEWALK & INLET
- 6" VERTICAL CUT CURB & GUTTER
- 6" REVERSE CURB & GUTTER
- 6" REVERSE CUT CURB & GUTTER
- IMBEDDED CURB

PROPOSED UTILITY

FLANGED — MECHANICAL JOINT — FITTING TYPES

- 45° — 8"W — BEND
- 8"W — 8"W — REDUCING TEE
- TEE
- REDUCER
- FLANGE TO MECHANICAL JOINT COUPLING
- CROSS
- CAP W/BLIND FLANGE
- CHECK VALVE
- GATE VALVE
- BUTTERFLY VALVE
- BLOW-OFF VALVE
- RESTRAINED FITTING
- WM — WATER SERVICE LINE & METER
- FIRE HYDRANT
- 8" FIRE — 8" FIRE — FIRE LINE
- 8"W — 8"W — WATERLINE
- MW — MONITORING WELL
- LOCATION WIRE BOX
- NON-FREEZE YARD HYDRANT
- 8"PI — PRESSURE IRRIGATION, TEE & GATE VALVE
- 2"PI — PRESSURE IRRIGATION SERVICE
- 8"GI< — 8"GI< — GRAVITY IRRIGATION & STRUCTURE

PROPOSED UTILITY (CONT.)

- 8"SS< — 8"SS< — SANITARY SEWER & MANHOLE
- 4"SS< — SANITARY SEWER SERVICE & CAP
- 4"SS< — 4"SS< — SANITARY SEWER SERVICE & CLEANOUT
- 8"PS< — 8"PS< — PRESSURE SEWER & VALVE VAULT
- 18"SD< — 15"SD< — STORM DRAIN LINE, INLET & CATCH BASIN
- 12"SD< — 12"SD< — STORM DRAIN LINE & MANHOLE W/ VENTED LID
- JOINT TRENCH IN PROFILE
- C T — CABLE & TELEPHONE RISERS
- JT — DEVICE — JT — JOINT TRENCH & DEVICE
- JUNCTION BOX & DUCT BANK
- NG — GM — NG — NATURAL GAS LINE & METER
- NG — GR — NG — NATURAL GAS LINE & RISER
- NG — NG — NATURAL GAS LINE & VALVE
- UGP — UGP — UNDERGROUND POWER
- OHP — PP — OHP — OVERHEAD POWER & POLE
- LIGHT POLE
- T — T — TR — TELEPHONE LINE & RISER
- T — FO — FO — FIBER OPTIC LINE & VAULT
- T/D — T/D — TELEPHONE DATA LINE
- TV — CABLE — CABLE & TV RISER

KELLER ASSOCIATES
131 SW 5th Avenue, Suite A
Meridian, Idaho 83642
(208) 288-1992

PROFESSIONAL ENGINEER — LICENSED — 17638 — STATE OF IDAHO — BEN DAVIS

NO.	REVISIONS	DATE

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SANDPOINT

SANDPOINT BRIDGE STREET REHABILITATION

LEGEND

DRAWN: CMC | CHECK: BTD

VERIFY SCALE: Scales based on 22"x34" prints.

1-1/2 Inches

PROJECT NO. 223167 | PAGE 2

SHEET NO. G-101

BASE BID QUANTITIES			
ITEM NO.	ITEM	UNIT	ESTIMATED TOTAL
202.4.1.D.1	Expose Steel Shells (Excavation & Backfill)	CY	72
SP-100	Shell Pile Rehabilitation	LF	840
SP-200	Cross-bracing Rehabilitation	LF	500
SP-300	Cross-bracing Connection Rehabilitation	EA	80

ADD ALTERNATIVE 1 QUANTITIES			
ITEM NO.	ITEM	UNIT	ESTIMATED TOTAL
202.4.1.D.1	Expose Steel Shells (Excavation & Backfill)	CY	30
SP-100	Shell Pile Rehabilitation	LF	320
SP-200	Cross-bracing Rehabilitation	LF	140
SP-300	Cross-bracing Connection Rehabilitation	EA	40

KELLER ASSOCIATES
131 SW 5th Avenue, Suite A
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PROFESSIONAL ENGINEER
LICENSED
17638
STATE OF IDAHO
BEN DAVIS

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SANDPOINT

SANDPOINT BRIDGE STREET REHABILITATION

QUANTITIES ESTIMATE

DRAWN: CMC | CHECK: BTD

VERIFY SCALE: Scales based on 22"x34" prints.

1-1/2 Inches

PROJECT NO. 223167 | PAGE 3

SHEET NO. G-102

J:\223167 SANDPOINT BRIDGE STREET REHAB\C_DESN_CAD\3_DESIGN\C-PLANS\G-SHEETS.DWG LAST SAVED: 7/22/2024 4:07 PM PRINTED: 7/23/2024 3:52 PM

GENERAL ABBREVIATIONS

A	
A/C	-AIR CONDITIONING
AFF	-ABOVE FINISHED FLOOR
ARCH	-ARCHITECTURAL
ARV	-AIR RELEASE VALVE
ASME	-AMERICAN SOCIETY OF MECHANICAL ENGINEERS
ASTM	-AMERICAN SOCIETY OF TESTING MATERIALS
AVAR	-AIR VACUUM AND AIR RELEASE
AVE	-AVENUE
B	
BF	-BLIND FLANGE
BFP	-BACKFLOW PREVENTER
BLDG	-BUILDING
BLVD	-BOULEVARD
BFV	-BUTTERFLY VALVE
BP	-POINT OF BEGINNING
BVCE	-BEGIN VERTICAL CURVE ELEVATION
BVCS	-BEGIN VERTICAL CURVE STATION
C	
C	-CELSIUS
	-CONDUIT
CATV	-CABLE TELEVISION
CB	-CATCH BASIN
CF	-CUBIC FOOT
CFS	-CUBIC FEET PER SECOND
CI	-CAST IRON
CJ	-CONSTRUCTION JOINT
	-CONTROL JOINT
CL	-CHAIN LINK
	-CLEARANCE
	-CENTERLINE
CLR	-CLEAR
CMP	-CORRUGATED METAL PIPE
CMU	-CONCRETE MASONRY UNIT
CO	-CLEANOUT
COMM	-COMMUNICATIONS
CONC	-CONCRETE
CONST	-CONSTRUCT
	-CONSTRUCTION
COR	-CORNER
COTG	-CLEANOUT TO GRADE
CPLG	-COUPLING
CPVC	-CHLORINATED POLYVINYL CHLORIDE
CR	-CIRCLE
CT	-CONTACT TIME
CU	-CUBIC
CV	-CHECK VALVE
CW	-CULINARY WATER (POTABLE)
CW	-COLD WATER
CY	-CUBIC YARD
D	
DET	-DETAIL
DEMO	-DEMOLISH
DI	-DUCTILE IRON
DIA	-DIAMETER
DIM	-DIMENSION
DIP	-DUCTILE IRON PIPE
DR	-DRAIN
DTL	-DETAIL
DWG	-DRAWING
E	
(E)	-EXISTING
E	-EPOXY
	-EAST
	-ELECTRICAL
ECC	-ECCENTRIC
EF	-EACH FACE
	-EXHAUST FAN
EG	-EDGE OF GRAVEL
EJ	-EXPANSION JOINT
EL	-ELEVATION
ELEC	-ELECTRICAL
ELEV	-ELEVATION
EOR	-ENGINEER OF RECORD
EP	-EDGE OF PAVEMENT
	-POINT OF ENDING
EQ	-EQUAL
	-EQUATION
EVCE	-END VERTICAL CURVE ELEVATION
EVCS	-END VERTICAL CURVE STATION
EW	-EACH WAY
EX	-EXISTING
EXIST	-EXISTING
F	
F	-FAHRENHEIT
FCV	-FLOW CONTROL VALVE
FD	-FLOOR DRAIN
	-FOUND
FE	-FLOW ELEMENT
	-FINAL EFFLUENT
FF	-FINISH FLOOR
FG	-FINISH GATE
FH	-FIRE HYDRANT
FIN	-FINISH
FIT	-FLOW INDICATOR TOTALIZER
FL	-FLANGE
	-FLOORING
FLG	-FLOORING
FO	-FIBER OPTIC
FRP	-FIBERGLASS REINFORCED PLASTIC
FT	-FEET
	-FOOT
FUT	-FUTURE
G	
GA	-GAGE
	-GAUGE
GAL	-GALLON
GALV	-GALVANIZED
GAS	-NATURAL GAS
GB	-GRADE BREAK
GCO	-GROUND CLEAN OUT
GFD	-FLUX UNITS
GI	-GALVANIZED IRON
	-GRAVITY IRRIGATION
GL	-GLASS
	-GLASS LINED
GPM	-GALLONS PER MINUTE
GYP	-GYPSUM
H	
H/B	-HOSE BIBB
HM	-HOLLOW METAL
HP	-HORSEPOWER
	-HIGH PRESSURE
HV	-HAND VALVE
HVAC	-HEATING AND AIR CONDITIONING
HWL	-HIGH WATER LEVEL
HW	-HOT WATER
I	
ID	-INSIDE DIAMETER
IE	-INVERT ELEVATION
IN	-INCH
INT	-INTERSECTION
INV	-INVERT
IP	-IRON PIN
IRR	-IRRIGATION
IRRG	-IRRIGATION
ISPWC	-IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION
J	
JT	-JOINT
	-JOINT UTILITY TRENCH
K	
K	-CURVE DESIGN K VALUE
KW	-KILOWATT
KWH	-KILOWATT HOUR
L	
LB	-POUND
LBS/DAY	-POUNDS PER DAY
LF	-LINEAL FOOT
LIT	-LEVEL INDICATOR TRANSDUCER
LSH	-LEVEL SWITCH HIGH
LSL	-LEVEL SWITCH LOW
LSLL	-LEVEL SWITCH LOW LOW
LVC	-LENGTH VERTICAL CURVE
LWL	-LOW WATER LEVEL
M	
M	-METER
	-MALE (PIPE THREAD)
	-MOTOR
MAG	-MAGNETIC
MBR	-MEMBRANE BIO-REACTOR
	-MEMBER
MECH	-MECHANICAL
MFR	-MANUFACTURER
MGD	-MILLION GALLONS PER DAY
MH	-MANHOLE
MISC	-MISCELLANEOUS
MJ	-MECHANICAL JOINT
MM	-MILLIMETER
MTR	-MOTOR
N	
(N)	-NEW
N	-NORTH
NC	-NORMALLY CLOSED
NEMA	-NATIONAL ELECTRICAL MANUFACTURERS
NG	-NATURAL GAS
N GAS	-NATURAL GAS
NIC	-NOT IN CONTRACT
NO	-NORMALLY OPEN
NPS	-NOMINAL PIPE SIZE
NPT	-NATION PIPE THREAD
NTS	-NOT TO SCALE
O	
OC	-ON CENTER
OD	-OUTSIDE DIAMETER
	-OVERALL DIAMETER
OF	-OVERFLOW
OFF	-OFFSET
OHP	-OVERHEAD POWER
P	
P	-PUMP
PC	-POINT OF CURVATURE
PDR	-POND DRAIN
PE	-PLANT EFFLUENT
	-POLYMER
PG	-PRESSURE GAUGE
PI	-PLANT INFLUENT
	-POINT OF INTERSECTION
	-PRESSURE INDICATOR
	-PRESSURE IRRIGATION
P/L	-PROPERTY LINE
PLUMB	-PLUMBING
PP	-POWER POLE
	-UTILITY POLE
PPD	-POUND PER DAY
PRV	-PRESSURE REGULATING
	-PRESSURE RELIEF
	-PRESSURE REDUCING VALVE
PS	-PRESSURE SWITCH
	-PRESSURE SEWER
PSH	-PRESSURE SENSORS
PSI	-POUNDS PER SQUARE INCH
PSIG	-POUNDS PER SQUARE INCH GAUGE
PT	-POINT
	-POINT OF TANGENCY
PVC	-POLYVINYL CHLORIDE
PVI	-POINT OF VERTICAL INTERSECTION
PW	-POTABLE WATER
Q	
QTY	-QUANTITY
QTR	-QUARTER
R	
RCP	-REINFORCED CONCRETE PIPE
RE	-REFERENCE
RED	-REDUCER
	-REDUCING
RI	-RAPID INFILTRATION
RO	-ROUGH OPENING
ROW	-RIGHT OF WAY
R/W	-RIGHT OF WAY
S	
S	-SOUTH
	-SECOND
	-SLOPE
SA	-SAMPLE
SCFM	-STANDARD CUBIC FEET PER MINUTE
SD	-STORM DRAIN
	-STANDARD DRAWING
SDMH	-STORM DRAIN MANHOLE
SEC	-SECTION
SHT	-SHEET
SIM	-SIMILAR
SPECS	-SPECIFICATIONS
SS	-SANITARY SEWER
	-STAINLESS STEEL
	-SERVICE TANK
SSMH	-SANITARY SEWER MANHOLE
SSPR	-SANITARY SEWER (PRESSURE)
SST	-STAINLESS STEEL TUBING
SSWR	-SANITARY SEWER (GRAVITY)
ST	-STREET
STA	-STATION
STD	-STANDARD
STRC	-STRUCTURAL
	-STRUCTURE
STRM	-STORM DRAIN
STL	-STEEL
T	
T	-TANGENT
	-TOP
	-TELEPHONE
TBC	-TOP BACK CURB
TC	-TOP OF CURB
T/D	-TELEPHONE/DATA COMMUNICATIONS
TEL	-TELEPHONE
TEMP	-TEMPERATURE
	-TEMPORARY
T&G	-TONGUE AND GROOVE
TK	-TANK
TOC	-TOP OF CONCRETE
TOG	-TOP OF GROUT
TOPO	-TOPOGRAPHY
TOW	-TOP OF WALL
TRANS	-TRANSMITTANCE
TV	-TELEVISION
TYP	-TYPICAL
U	
UGP	-UNDERGROUND POWER
UH	-UNIT HEATER
UL	-UNDERWRITERS LABORATORIES
UNO	-UNLESS NOTED OTHERWISE
UV	-ULTRA VIOLET
UW	-UTILITY WATER (NON-POTABLE)
V	
VCT	-VINYL COMPOSITE TILE
VERT	-VERTICAL
VOL	-VOLUME
W	
W	-POTABLE WATER
	-WEST
WATR	-WATER
W/	-WITH
W/O	-WITHOUT
WS	-WATER SURFACE
WSP	-WELDED STEEL PIPE
WWP	-WATER WORKING PRESSURE
Y	
YD	-YARD
YR	-YEAR

GENERAL NOTES

CONSTRUCTION SPECIFICATIONS:
THE MATERIALS AND WORKMANSHIP USED THROUGHOUT CONSTRUCTION PROCESSES SHALL BE IN ACCORDANCE WITH THE 2020 EDITION OF THE ISPWC, SPECIAL PROVISIONS PROVIDED TO THE CONTRACTOR BY THE ENGINEER, AND THE MANUFACTURER'S TECHNICAL SPECIFICATIONS FOR THE DESIGNATED PRODUCTS.

DRAWING DIMENSIONS:
THE DIMENSIONS CONTAINED WITHIN THESE DRAWINGS ARE BASED ON ORIGINAL DRAWINGS AND DO NOT GUARANTEE THE EXISTING AND CONSTRUCTED CONDITION OF THE SANDPOINT BRIDGE STREET BRIDGE. CONTRACTOR SHOULD FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS OF STRUCTURES AND QUANTITIES PRIOR TO ORDERING MATERIALS.

CONSTRUCTION:
ALL MATERIALS REMOVED FROM THE STRUCTURE BECOME THE CONTRACTOR'S PROPERTY AND SHALL BE DISPOSED OF PROPERLY.

DURING CONSTRUCTION, TRAFFIC CONTROL MUST BE HANDLED IN ACCORDANCE WITH THE TRAFFIC CONTROL PLAN.

CONTAIN ALL DEBRIS AND WASTEWATER RESULTING FROM CONSTRUCTION OPERATIONS. PROVIDE SHIELDING TO ENSURE CONTAINMENT OF DISLODGED MATERIAL AND ANY OTHER DEBRIS PRODUCED DURING CONSTRUCTION WITHIN THE REMOVAL AREA. DO NOT ALLOW DEBRIS TO FALL INTO THE WATERWAY OR ONTO THE GROUND BELOW.

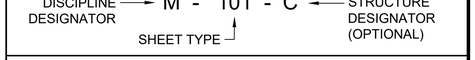
FIELD VERIFY LOCATIONS OF ALL UTILITIES ON AND UNDER THE BRIDGE. RETAIN AND PROTECT ALL UTILITIES.

DO NOT USE THE BRIDGE FOR CONSTRUCTION STAGING. DO NOT USE THE BRIDGE AS A WORK PLATFORM FOR ANY BRIDGE WORK.

DO NOT PLACE CONSTRUCTION MATERIALS ON THE BRIDGE. DO NOT CLOSE ANY TRAFFIC LANES AT ANY TIME TO ACCOMMODATE CONSTRUCTION ACTIVITIES OR EQUIPMENT FOR ACCESS OR STORAGE.

BOTH BRIDGE LANES SHALL REMAIN OPEN UNLESS OWNER APPROVES A 1-LANE CLOSURE. ALL TRAFFIC CONTROL IS INCIDENTAL TO THE WORK.

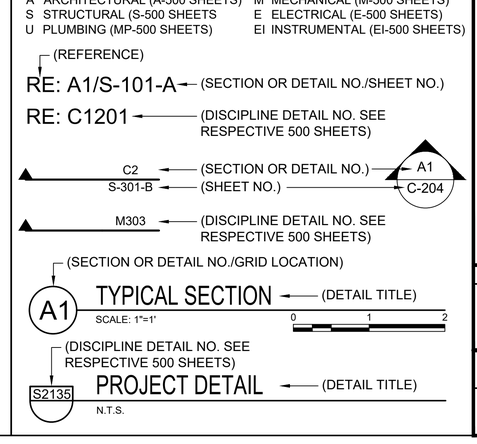
SHEET NUMBERING KEY



DETAIL & SECTION CALLOUT KEY

DISCIPLINE DETAIL DESIGNATORS

C	CIVIL (C-500 SHEETS)	H	HVAC (MH-500 SHEETS)
A	ARCHITECTURAL (A-500 SHEETS)	M	MECHANICAL (M-500 SHEETS)
S	STRUCTURAL (S-500 SHEETS	E	ELECTRICAL (E-500 SHEETS)
U	PLUMBING (MP-500 SHEETS)	EI	INSTRUMENTAL (EI-500 SHEETS)



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SANDPOINT

SANDPOINT BRIDGE STREET REHABILITATION

GENERAL NOTES

DRAWN: CMC | CHECK: BTD

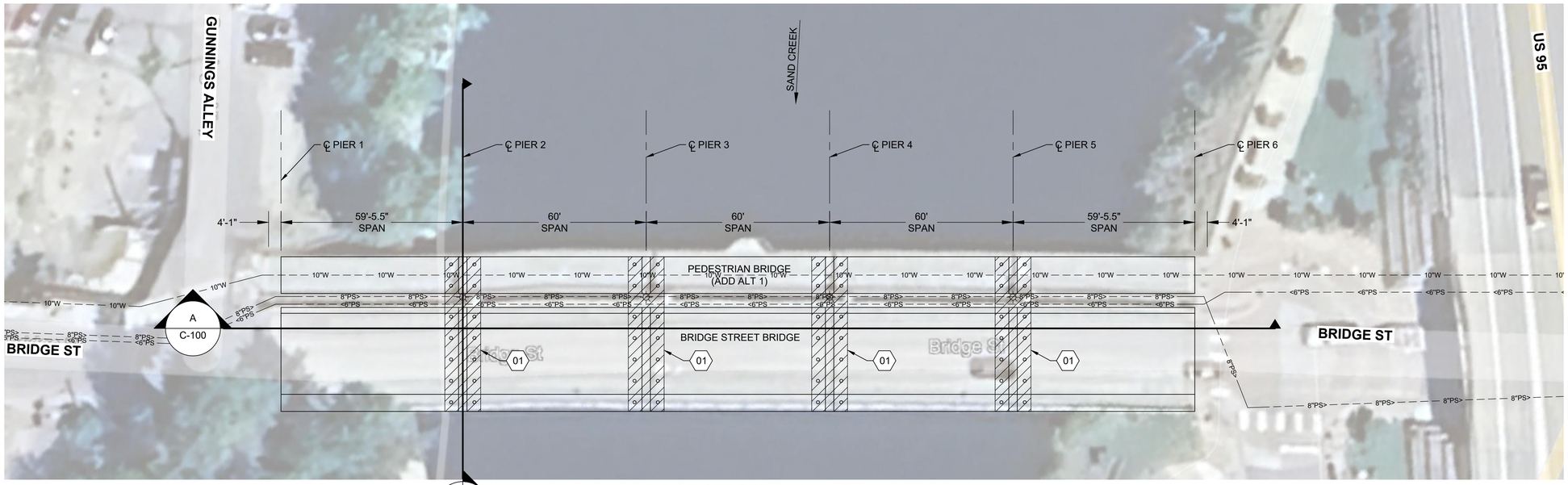
VERIFY SCALE: Scales based on 22"x34" prints.

1-1/2 Inches

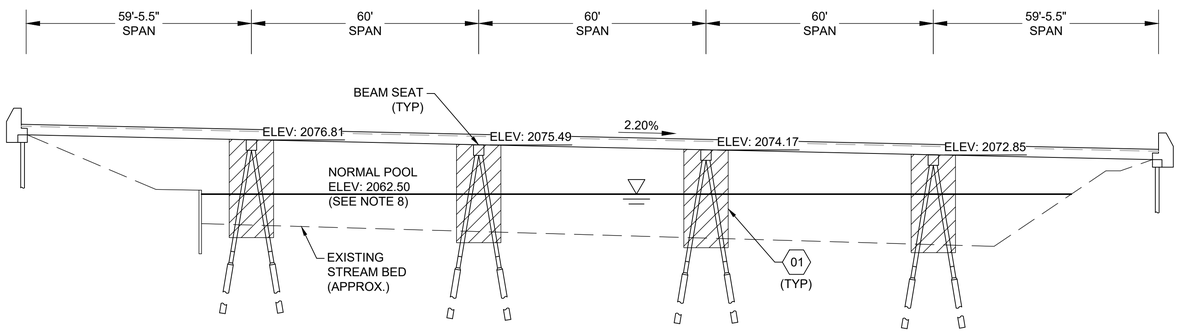
PROJECT NO. 223167 | PAGE 4

SHEET NO. G-103

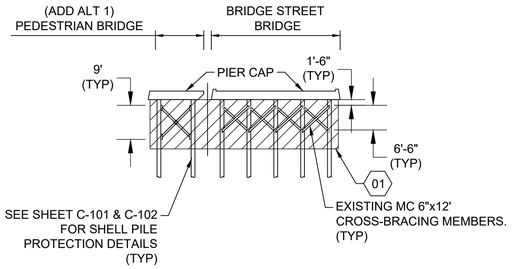
PRINTED: 7/23/2024 3:52 PM
LAST SAVED: 7/22/2024 4:07 PM
J:\223167 SANDPOINT BRIDGE STREET REHABIC_DESIGN\C_CAD\3_DESIGN\C-PLANS\G-SHEETS.DWG



BRIDGE STREET PLAN VIEW



BRIDGE STREET SECTION A-A
(DOWNSTREAM PIER ELEV)



BRIDGE STREET SECTION B-B
(TRANSVERSE PIER ELEV)

SCOPE OF WORK

CLEAN SHELL PILES AND CROSS-BRACING AND PREPARE SURFACE FOR PROTECTION IN ACCORDANCE WITH SP-100 SP-200, AND SP-300 WHERE APPLICABLE TO PIERS 2, 3, 4, AND 5.

SHEET NOTES

1. MEMBER SIZES AND DIMENSIONS FROM AS-BUILT PLANS. VERIFY AS NEEDED PRIOR TO ORDERING MATERIALS.
2. LOCATIONS OF UTILITIES ARE APPROXIMATE.
3. RETAIN AND PROTECT ALL UTILITIES.
4. RESTORE SITE TO ORIGINAL CONDITION PRIOR TO DEMOBILIZING.
5. PER ORIGINAL PLANS, NORMAL POOL ELEVATION IS CONSIDERED TO BE 2062.50 FEET. IT IS INTENDED FOR THE PROJECT TO BE COMPLETED WHEN SAND CREEK IS DRY SO EXISTING POOL ELEVATION MAY BE DIFFERENT.

SHEET KEYNOTES

01 WORK LIMITS- SEE SHEETS C-101 AND C-102 FOR PROTECTION DETAILS.

LEGEND

WORK LIMITS

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SANDPOINT

SANDPOINT BRIDGE STREET REHABILITATION

BRIDGE WORK LIMITS

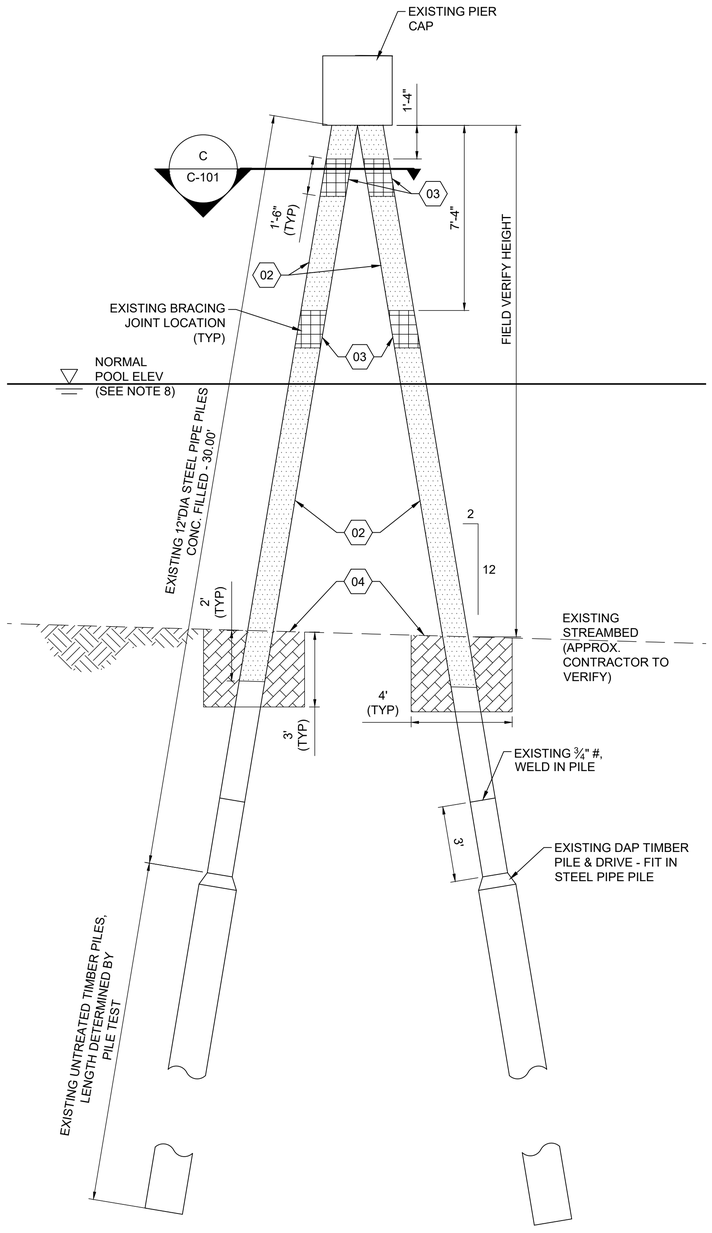
DRAWN: CMC | CHECK: BTD

VERIFY SCALE: Scales based on 22"x34" prints.

1-1/2 Inches

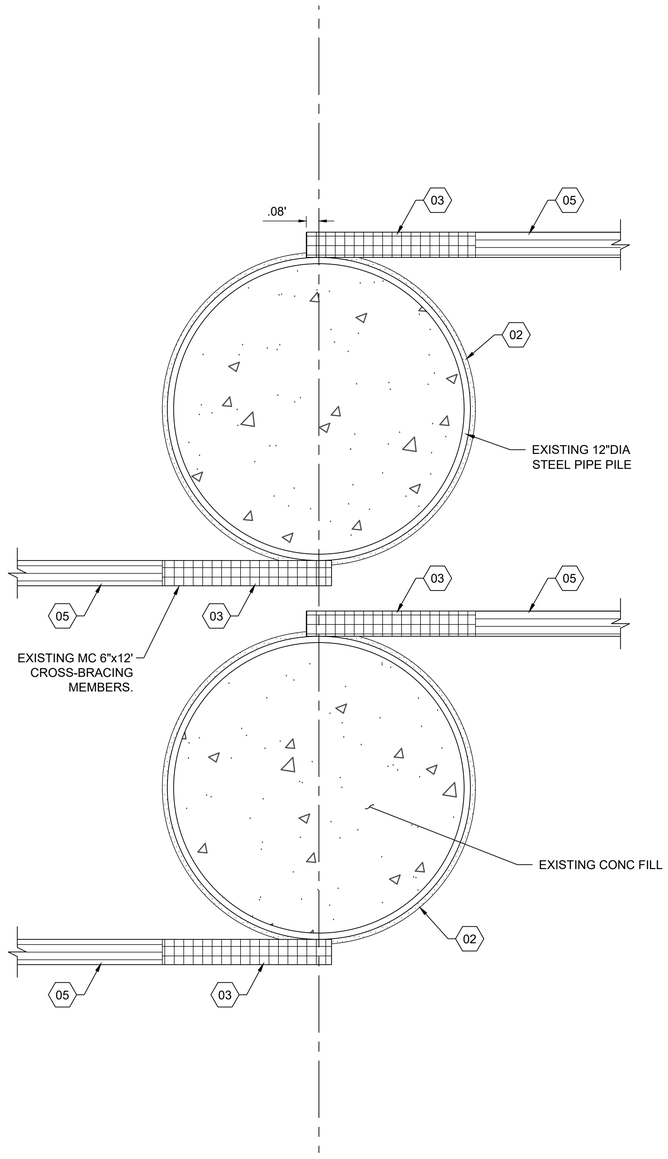
PROJECT NO. 223167 | PAGE 5

SHEET NO. C-100



SHELL PILE CROSS-BRACING, AND CONNECT DETAIL (SIDE VIEW)

(NOT TO SCALE)



SECTION C-C

(NOT TO SCALE)

SHEET NOTES

1. PROJECT TO BE COMPLETED IN ACCORDANCE WITH SP-100, SP-200, AND SP-300.
2. PREPARE SURFACE OF PILES AND CROSS-BRACING IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS TO ENSURE PROPER ADHESION.
3. INSTALL SHELL PILE PROTECTION SYSTEM OVER ENTIRETY OF SHELL PILE SURFACE AND EXTEND 2' INTO CHANNEL BOTTOM.
4. PRODUCE PLAN AND SHOP DRAWINGS DETAILING INSTALLATION STEPS TO ENGINEER FOR APPROVAL PRIOR TO BEGINNING WORK ACCORDING TO SP-100, SP-200, AND SP-300.
5. MEMBER SIZES AND DIMENSIONS FROM AS-BUILT PLANS. VERIFY MEMBER SIZING AS NEEDED PRIOR TO ORDERING MATERIALS.
6. CONTRACTOR TO VERIFY STREAMBED ELEVATIONS.
7. BRIDGE SUPERSTRUCTURE NOT SHOWN FOR CLARITY.
8. PER ORIGINAL PLANS, NORMAL POOL ELEVATION IS CONSIDERED TO BE 2062.50 FEET. IT IS INTENDED FOR THE PROJECT TO BE COMPLETED WHEN SAND CREEK IS DRY SO EXISTING POOL ELEVATION MAY BE DIFFERENT.

SHEET KEYNOTES

02 SHELL PILE PROTECTION SYSTEM -DENSO SEASHIELD 2000HD OR EQUIVALENT; RE: SP-100

03 CROSS BRACING CONNECTION PROTECTION SYSTEM- DENSO SEASHIELD 525 UNDERWATER EPOXY OR EQUIVALENT; RE: SP-300

04 STREAMED EXCAVATION LIMITS - 4.0' WIDE x 4.0' LONG x 3.0' DEEP

05 CROSS-BRACING PROTECTION SYSTEM - DENSO SEASHIELD SERIES 70 OR EQUIVALENT: RE: SP-200

LEGEND

- SHELL PILE PROTECTION SYSTEM -DENSO SEASHIELD 2000HD OR EQUIVALENT; RE: SP-100
- CROSS BRACING CONNECTION PROTECTION SYSTEM- DENSO SEASHIELD 525 UNDERWATER EPOXY OR EQUIVALENT; RE: SP-300
- 4.0' WIDE x 4.0' LONG x 3.0' DEEP
- CROSS-BRACING PROTECTION SYSTEM - DENSO SEASHIELD SERIES 70 OR EQUIVALENT; RE: SP-200

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SANDPOINT

SANDPOINT BRIDGE STREET REHABILITATION

BRIDGE DETAIL SHEET

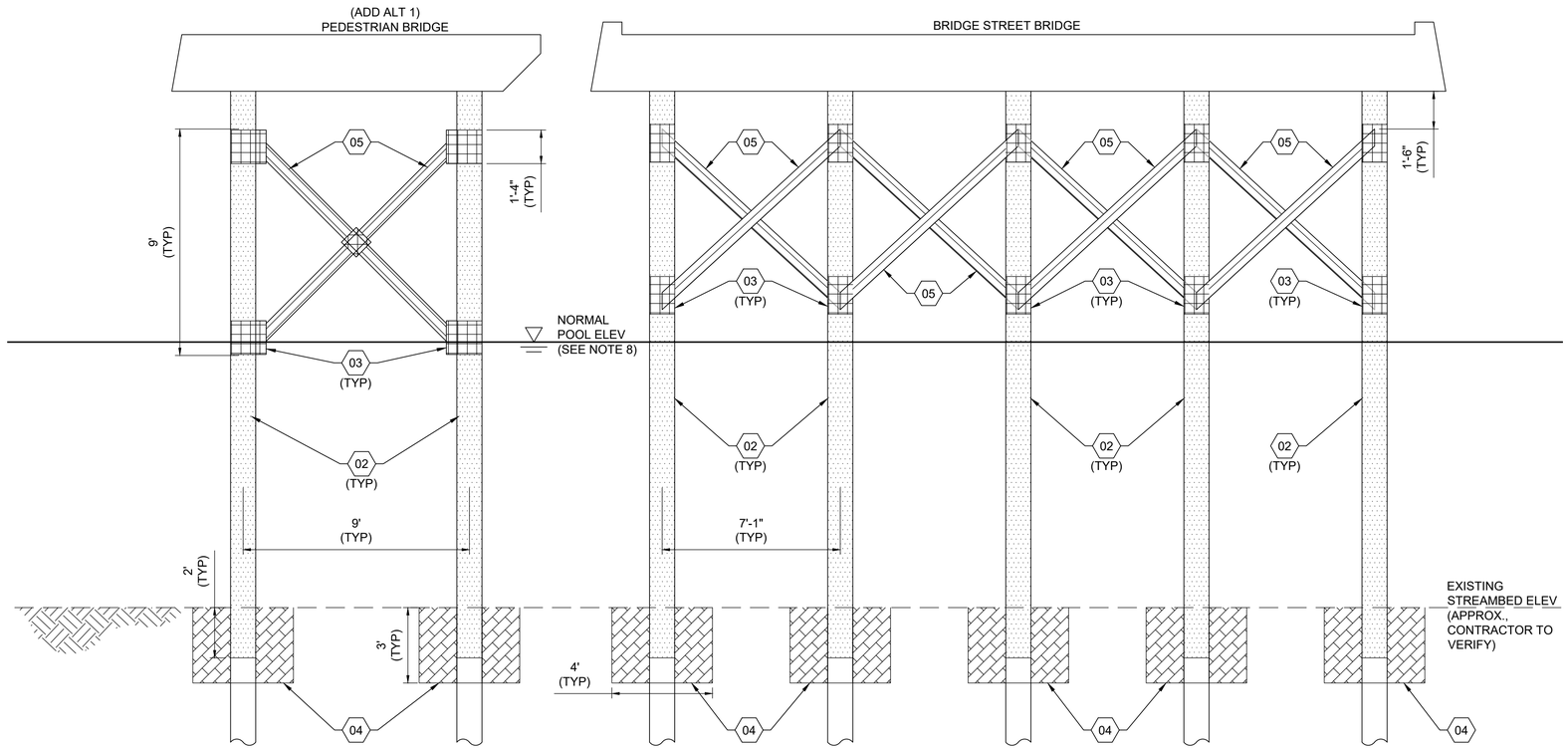
DRAWN: CMC | CHECK: BTD

VERIFY SCALE: Scales based on 22"x34" prints.

1-1/2 Inches

PROJECT NO. 223167 | PAGE 6

SHEET NO. C-101



SHELL PILE CROSS-BRACING, AND CONNECT DETAIL (FRONT VIEW)

(NOT TO SCALE)

SHEET NOTES

1. PROJECT TO BE COMPLETED IN ACCORDANCE WITH SP-100, SP-200, AND SP-300.
2. PREPARE SURFACE OF PILES AND CROSS-BRACING IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS TO ENSURE PROPER ADHESION.
3. INSTALL SHELL PILE PROTECTION SYSTEM OVER ENTIRETY OF SHELL PILE SURFACE AND EXTEND 2' INTO CHANNEL BOTTOM.
4. PRODUCE PLAN AND SHOP DRAWINGS DETAILING INSTALLATION STEPS TO ENGINEER FOR APPROVAL PRIOR TO BEGINNING WORK ACCORDING TO SP-100, SP-200, AND SP-300.
5. MEMBER SIZES AND DIMENSIONS FROM AS-BUILT PLANS. VERIFY MEMBER SIZING AS NEEDED PRIOR TO ORDERING MATERIALS.
6. CONTRACTOR TO VERIFY STREAMBED ELEVATIONS.
7. BRIDGE SUPERSTRUCTURE NOT SHOWN FOR CLARITY.
8. PER ORIGINAL PLANS, NORMAL POOL ELEVATION IS CONSIDERED TO BE 2062.50 FEET. IT IS INTENDED FOR THE PROJECT TO BE COMPLETED WHEN SAND CREEK IS DRY SO EXISTING POOL ELEVATION MAY BE DIFFERENT.

SHEET KEYNOTES

02 SHELL PILE PROTECTION SYSTEM -DENSO SEASHIELD 2000HD OR EQUIVALENT; RE: SP-100

03 CROSS BRACING CONNECTION PROTECTION SYSTEM- DENSO SEASHIELD 525 UNDERWATER EPOXY OR EQUIVALENT; RE: SP-300

04 STREAMED EXCAVATION LIMITS - 4.0' WIDE x 4.0' LONG x 3.0' DEEP

05 CROSS-BRACING PROTECTION SYSTEM - DENSO SEASHIELD SERIES 70 OR EQUIVALENT: RE: SP-200

LEGEND

- SHELL PILE PROTECTION SYSTEM -DENSO SEASHIELD 2000HD OR EQUIVALENT; RE: SP-100
- CROSS BRACING CONNECTION PROTECTION SYSTEM- DENSO SEASHIELD 525 UNDERWATER EPOXY OR EQUIVALENT; RE: SP-300
- 4.0' WIDE x 4.0' LONG x 3.0' DEEP
- CROSS-BRACING PROTECTION SYSTEM - DENSO SEASHIELD SERIES 70 OR EQUIVALENT; RE: SP-200

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SANDPOINT

SANDPOINT BRIDGE STREET REHABILITATION

BRIDGE DETAIL SHEET 2

DRAWN: CMC | CHECK: BTD

VERIFY SCALE: Scales based on 22"x34" prints.

1-1/2 Inches

PROJECT NO. 223167 | PAGE 7

SHEET NO. C-102

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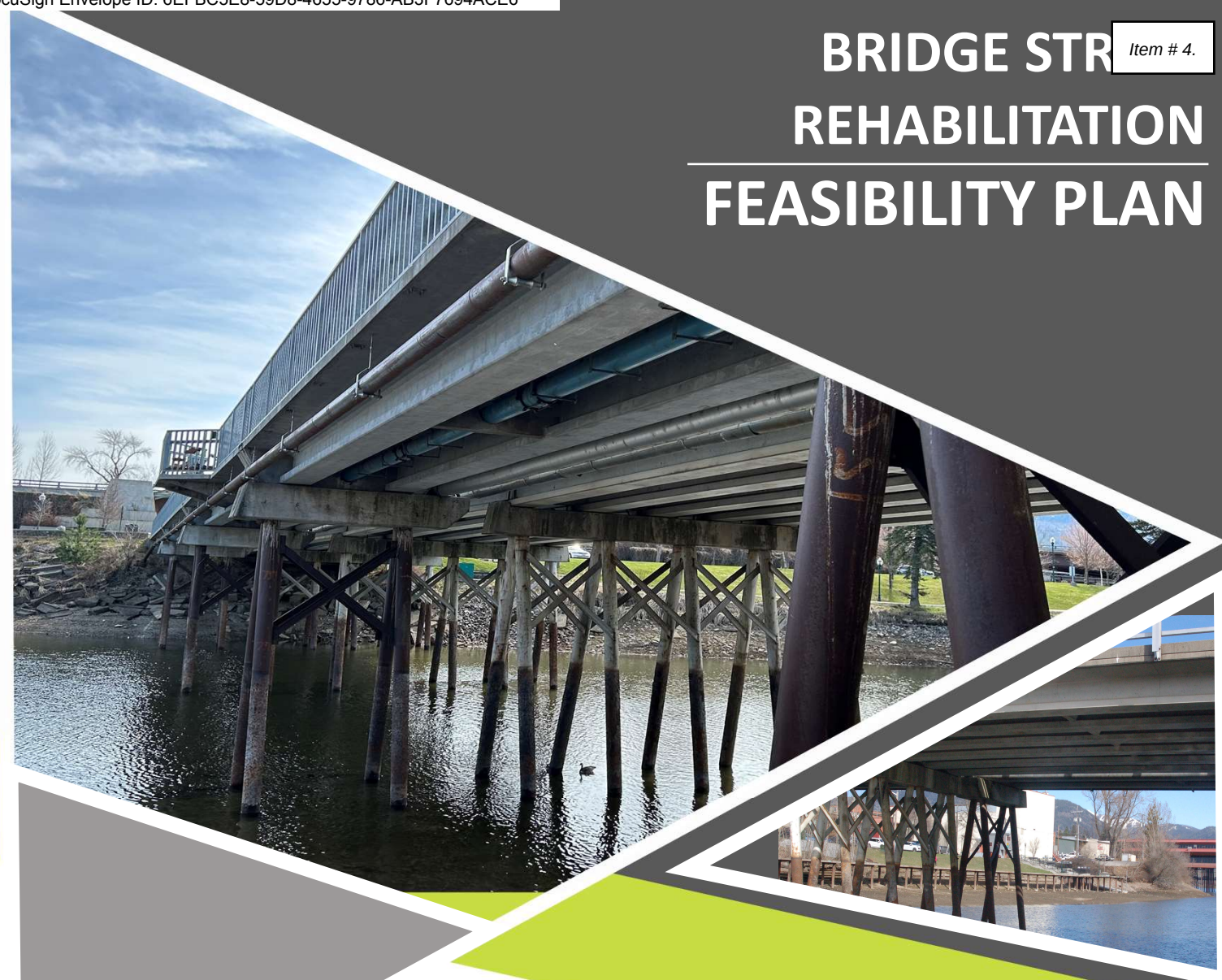
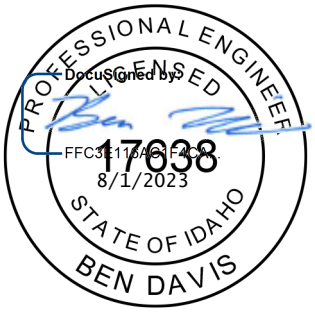
BRIDGE STREET REHABILITATION
FEASIBILITY PLAN



Prepared By: Paul Blackham, P.E., S.E. and Ben Davis, P.E.

Senior Reviewer: Eric Hulslander, P.E.



KELLER ASSOCIATES

Project Name: Bridge St., City of Sandpoint
Bridge Key No.: 30110
Keller Project No.: 222302-002
Date: July 18, 2023

DocuSign Envelope ID: 6EFBC5E8-59D8-4655-9786-AB3F7694ACE6

Bridge Key	30110	Structure name	97785A 100.07
(6) Features Intersected	SAND CREEK	(9) Location	IN SANDPOINT; BRIDGE ST
Facility Carried (Route)	STC 7785; BRIDGE ST	Admin Jurisdiction	1727 City of Sandpoint
Xref Structure Name		District	01

GENERAL BACKGROUND

Project Description and Location

This bridge carries Bridge Street (STC 7785) over Sand Creek in the City of Sandpoint, Idaho. The purpose of this feasibility plan is to determine the recommended bridge rehabilitation items considering those repairs that are needed in the next 10 years. An opinion of probable cost for the recommended rehabilitation items is also presented in this feasibility plan technical memorandum as Attachment A.

FIGURE 1. AREA MAP

AGE AND SERVICE		CONDITION	
(27) Year Built	1969	(58) Deck	6 Satisfactory
(106) Year Reconstructed		(59) Superstructure	6 Satisfactory
(42a) Type of Service On	1 Highway	(60) Substructure	5 Fair
(42b) Type of Service Under	5 Waterway	(61) Channel/Protection	7 Minor Damage
(28a) Lanes On	2	(62) Culvert	N N/A (NBI)
(28b) Lanes Under	0	(113) Scour Critical	8 Stable Above Footing
(29) ADT	6900		
(30) Year of ADT	2019		
(109) Truck ADT	0%		
(19) Detour Length	99 miles		

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CURRENT BRIDGE CONDITIONS

Recommendations in the ITD 2021 inspection report for KN30110 Bridge Street include:

- Clean and coat shell piles.
- Clean bearing seats at both abutments.
- Replace pourable expansion joint sealant.
- Repair the missing steel angle armor nosing at Piers 1 and 4.
- Clean deck drains.
- Repair concrete spalling in the south sidewalk over Pier 2.
- Remove the tree at the southeast corner.

Keller reviewed the ITD inspection reports and performed a site visit to confirm the inspection report findings. Additionally, the current bridge condition was assessed during the site visit. Photos included in this plan document key findings during Keller's site visit. Our findings verify many of the ITD inspection report recommendations and further develop bridge rehabilitation scope items needed. A summary of recommended rehabilitation scope of work and costs is provided further along in this document.

CONDITION HISTORY AND FORECAST

A condition forecast graph based on inspection report and field visit findings was developed for the bridge deck, superstructure, and substructure. The forecast graphs are used to determine the feasible remaining lifespan of the critical bridge components. Extrapolation of Federal Highway Administration historical bridge data provides a forecast mechanism for what the condition of the bridge will be considering its past inspection ratings. For the Bridge Street structure, the forecasting tool is available for the Deck (Figure 2), Superstructure (Figure 3), and the Substructure (Figure 4). For each of these graphs there is a vertical dashed line corresponding to the year 2023. The solid line to the left of that vertical line represents the condition history. The connected green dots to the right of the vertical line represent the forecast condition. These graphs represent the condition evaluations from the Bridge Inspection Reports.

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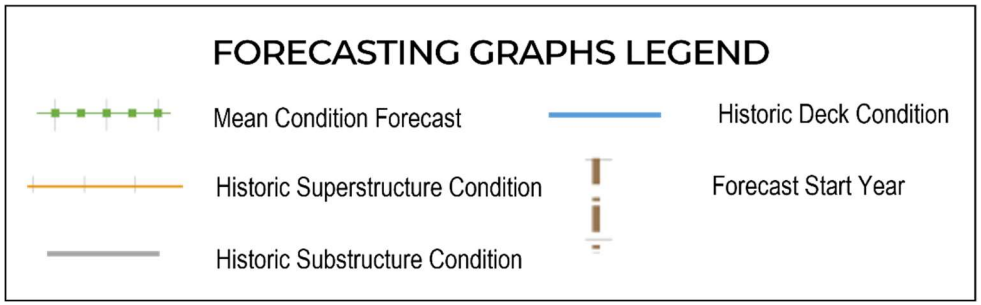

FIGURE 2: DECK CONDITION FORECAST GRAPH

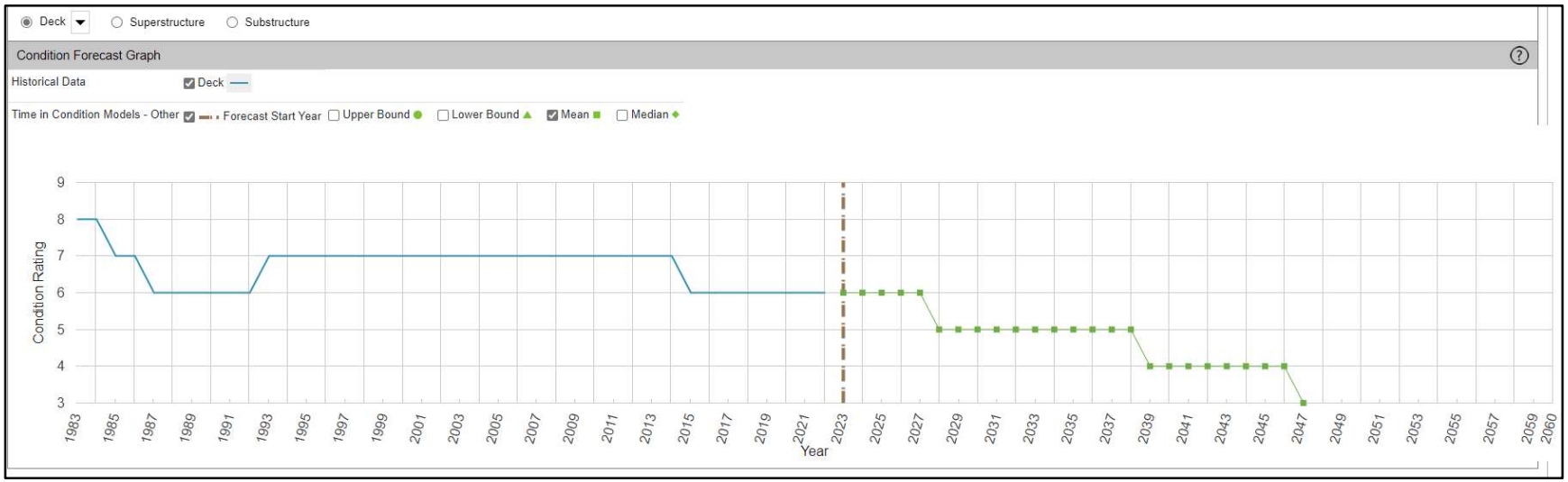

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FIGURE 3: SUPERSTRUCTURE CONDITION FORECAST GRAPH

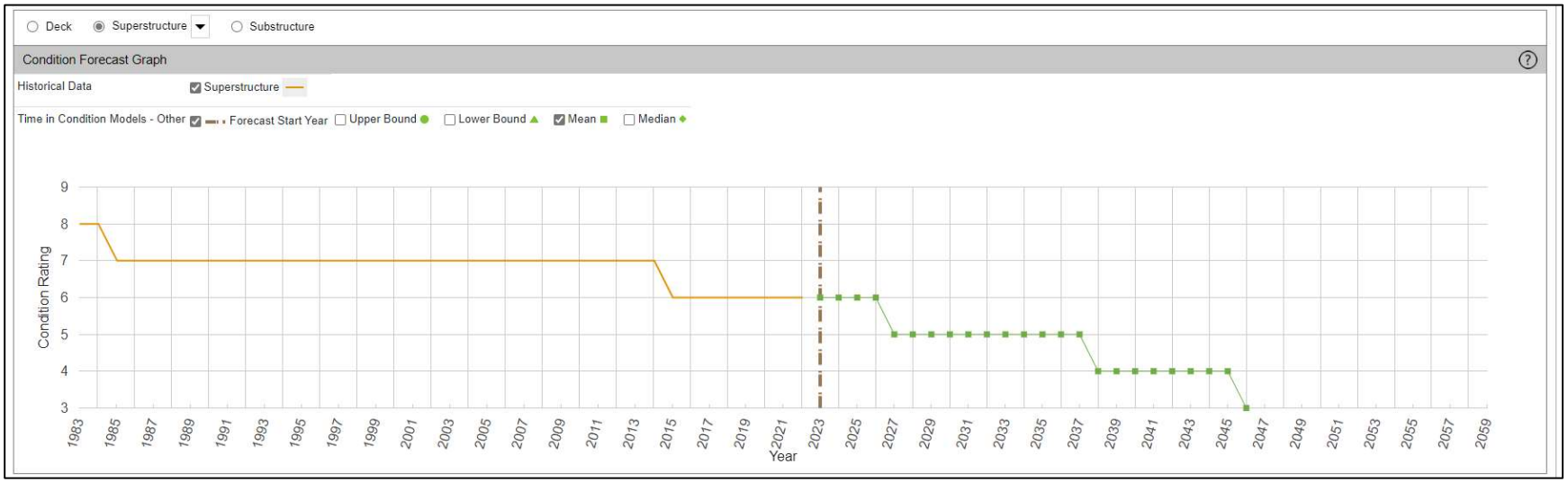
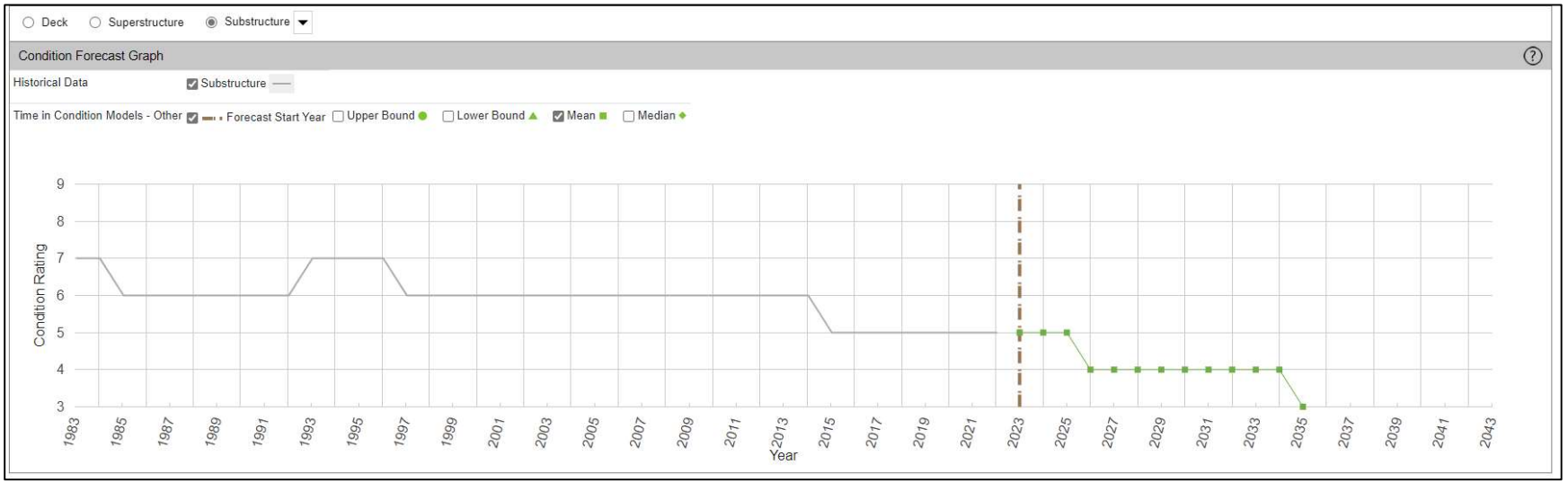


FIGURE 4: SUBSTRUCTURE CONDITION FORECAST GRAPH



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SUMMARY

This bridge was built in 1969 and is 54 years old. The bridge is currently rated in Satisfactory Condition for Deck and Superstructure, and Fair Condition for Substructure (See Figures 2 and 3).

Deck and Superstructure

For this superstructure type, the deck and superstructure rating will be the same because the concrete deck is integral with the Deck Bulb Tee girders. The current condition rating of 5 – Fair is projected to continue through 2037. No additional protection is required to maintain this condition. Deck preservation may not improve the condition rating; however, condition rating would be maintained with deck preservation repairs. Additionally, the drivability and mobility of the deck surface will be enhanced through deck preservation.

Substructure

The fair condition substructure rating is based on the deterioration of the steel shell piles at each pier. As indicated in Figure 4 – Substructure Condition Forecast Graph, the substructure is currently in a condition rated as 5 – FAIR. The forecast indicates this condition will not degrade until 2026 based on past condition ratings. Without the recommended repairs the bridge load rating would be reduced, and the bridge would need to be posted for load restrictions. We recommend protection measures to maintain the capacity of the steel shell piles. As Figure 5 shows below, the failure of the coating at and below the waterline has progressed to the forming of rust nodules, with an overall section loss of 1/16” and pitting up to 1/8”. The existing shell pile section is 1/4” thick.

FIGURE 5: COATING FAILURE AT WATERLINE

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FIGURE 6: CRACKING

FIGURE 7: SLOUGHING AT WEST ABUTMENT AND MAKESHIFT WALL

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FIGURE 8: DEBRIS BUILDUP AT EAST ABUTMENT

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FIGURE 9: EXPANSION JOINT CONDITION

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FIGURE 10: EXISTING RAILING

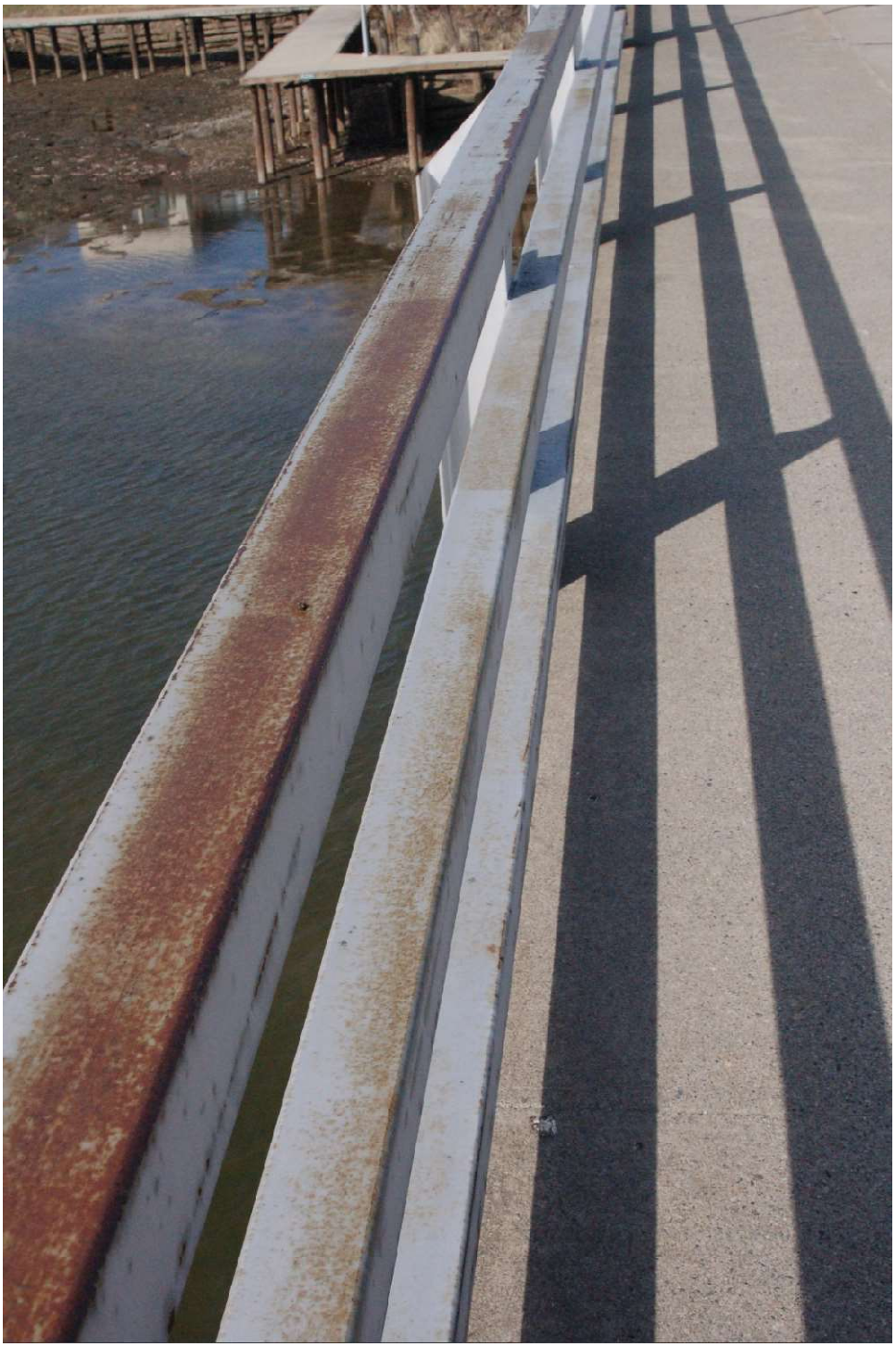

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FIGURE 11: DOWNSPOUTS

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REHABILITATION SCOPE OF WORK ITEMS

Recommended bridge rehabilitation scope of work items to be completed in the next 10 years and associated costs are listed in Table 1 below. A more detailed engineer's opinion of probable cost with estimated unit prices is attached for reference as Attachment A. We assumed an inflation rate of 5% for two years for 2025 estimated cost.

TABLE 1: RECOMMENDED REPAIRS AND COST SUMMARY

Item Nos.	Description	Estimated Cost	Service Life	Purpose of Repair*
1-4	➢ Substructure shell pile piers rehab.	$389,350	25	Load Capacity
5	➢ New concrete deck overlay (3")	$116,200	50	Maintenance & Preservation; User Experience
6-7	➢ Remove and replace expansion joints	$40,900	15	Maintenance & Preservation
8	➢ Patch and repair concrete surfaces	$247,000	10	Maintenance & Preservation
9	➢ Paint existing railing	$183,000	25	Maintenance & Preservation
10-11	➢ Concrete deck removal	$236,900	25	Maintenance & Preservation; User Experience
12	➢ Bridge abutment slope stabilization	$59,400	15	Maintenance & Preservation
13-14	➢ Structural concrete crack repair	$10,540	10	Maintenance & Preservation
15-16	➢ Drainpipes	$10,000	15	Maintenance & Preservation
17	➢ Pavement marking	$1,600	10	Maintenance & Preservation
18	➢ Anti-graffiti Coating	$7,200	10	User Experience
	Subtotal	$1,302,090	25	Load Capacity; Maintenance & Preservation; User Experience
	Contingency (30%)	**$390,627**		
	Mobilization (10%)	**$130,209**		
	Total Cost	**$1,822,926**		
	Total Cost (2025 Dollars)	**$2,009,776**		

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*Purpose of Repair:

- Load Capacity: Indicates load capacity implications if this repair item is neglected.
  - Most notably the Shell Pile Rehabilitation presents a load capacity issue due to the 1/16" of section loss and 1/8" of pitting compared to a total section wall thickness of 1/4".
- Maintenance and Preservation: Indicates maintenance and preservation, which may also improve the condition rating or prevent degradation of the condition rating.
- User Experience: Indicates enhancements to the user experience, such as drivability, mobility, and aesthetic.

ADDITIONAL SCOPE CONSIDERATIONS

It is our understanding that the City is interested in a bike lane on the bridge. As part of the deck overlay, the existing concrete sidewalk could be removed and replaced as a bike lane. This would give a wider overall bridge with two travel lanes and a bike lane. Pavement marking would be used to delineate the lanes. We have developed two alternatives to provide the bike lane concept. The alternatives consist of 1) Removing the existing railing and replacing it with a 3 Tube railing anchored by bolting through the deck to a plate on the underside, or 2) Repainting the existing railing and reconfiguring curb to provide 3'-6" rail height with respect to the deck surface. Both alternatives involve replacing the deck drains on the south side of the bridge. We recommend these two alternatives for consideration during the design phase of the rehabilitation because the viability of the connections to the deck bulb-tee girders is of concern. The existing railing does not meet traffic standards. We present our opinion of probable costs for both alternatives. The differential between the two alternatives is approximately $46,000, in favor of the repainting alternative, which is what we are recommending pending design considerations.

ASSUMPTIONS

Costs assume the below:

- The concrete sidewalk will be removed and replaced with a bike lane.
- Existing railing will be preserved and repainted.
- Deck drains will be plugged along the existing curb line (south side of bridge) and new deck drains will be installed along the face of a new curb.
- Dewatering will not be needed for the shell pile rehabilitation. Rehabilitation will be completed when the Sand Creek channel is dry.

LIST OF POTENTIAL PERMITS REQUIRED

A Joint Application permit may be needed for any work within the Sand Creek channel, including accessing the shell piles for rehabilitation. Additionally, it will need to be determined if the existing railings were painted with lead-based paint, which may require additional permitting for lead containment. Stormwater drainage from the bridge deck is an additional consideration for permitting.

NAVIGABLE WATERS ADVISORY

During our feasibility evaluation, we investigated the navigable waters designation for Sand Creek at this bridge site. As indicated in Figure 8, Sand Creek is classified as a navigable waterway. We share this information for consideration in moving forward beyond the rehabilitation efforts for maintaining this bridge and looking forward towards a bridge replacement.

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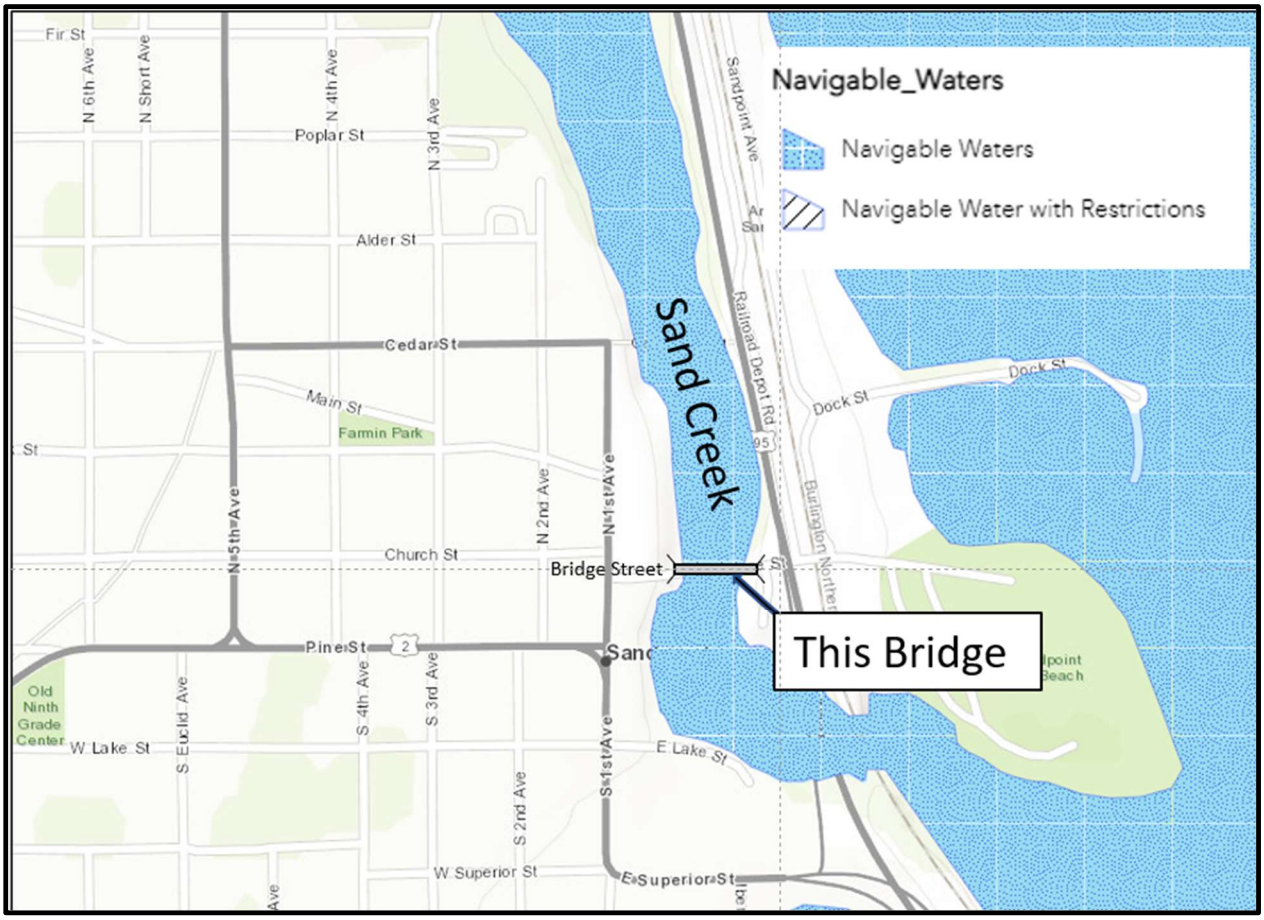
FIGURE 12. NAVIGABLE WATERS SAND CREEK



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ATTACHMENT A - OPINION OF PROBABLE CONSTRUCTION COST

KELLER ASSOCIATES
601 Sherman Ave, Suite 1 Coeur d Alene, Idaho 83814
Phone: 208.758.8601 - kellerassociates.com

Project: Bridge St. Bridge Replacement
Engineer: Ben Davis, PE & Paul Blackham, PE, SE
Client: City of Sandpoint
Printed: 7/18/2023

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST (BRIDGE REHABILITATION)

ITEM NO.	CONSTRUCTION ITEM	QTY	UNITS	UNIT PRICE	COST
1	Substructure Shell Pile Piers Rehab. - Expose Steel Shells (Excavation & Backfill)	70	CY	$ 220.00	$ 15,400
2	Substructure Shell Pile Piers Rehab. - Shell Pile Rehabilitation	1440	LF	$ 125.00	$ 270,000
3	Substructure Shell Pile Piers Rehab. - Angle Bracing Rehabilitation	290	LF	$ 225.00	$ 97,950
4	Substructure Shell Pile Piers Rehab. - Diagonal Joint Connections	160	SF	$ 25.00	$ 6,000
5	New Concrete Deck Overlay (3")	73	CY	$ 1,584.00	$ 116,200
6	Remove & Replace Expansion Joints - 1" Bonded Preformed Joint Seal	206	LF	$ 93.00	$ 19,200
7	Remove & Replace Expansion Joings - Remove Expansion Joints	206	LF	$ 105.00	$ 21,700
8	Patch & Repair Concrete Surfaces	1138	SF	$ 217.00	$ 247,000
9	Paint Existing Railing	600	LF	$ 305.00	$ 183,000
10	Concrete Deck Removal - Class A (Deck)	1175	SY	$ 191.00	$ 224,400
11	Concrete Deck Removal - Class A (Sidewalk)	185	SY	$ 67.00	$ 12,500
12	Bridge Abutment Slope Stabilization - Chemical Grout	440	GAL	$ 135.00	$ 59,400
13	Structural Concrete Crack Repair - Crack Injection	1	GAL	$ 1,700.00	$ 1,700
14	Structural Concrete Crack Repair - Crack Preparation	170	LF	$ 52.00	$ 8,840
15	Drainpipes - Extend Existing Drainpipes	10	EA	$ 200.00	$ 2,000
16	Drainpipes - Replace Deck Drains	10	EA	$ 800.00	$ 8,000
17	Pavement Marking	1600	LF	$ 1.00	$ 1,600
18	Anti-Graffiti Coating	714	SF	$ 10.00	$ 7,200
				BID ITEM SUBTOTAL	**$ 1,302,090**
	ESTIMATED CONTINGENCY			30%	$ 390,627
	MOBILIZATION			10%	$ 130,209
				TOTAL COST	**$ 1,822,926**
				TOTAL COST (2025 DOLLARS)*	**$ 2,009,776**

**Inflation assumed at 5% per year.*

The opinion of most probable cost herein is based on our perception of current conditions at the project location. This estimate reflects our opinion of probable costs at this time and is subject to change as the project design matures. Keller Associates has no control over variances in the cost of labor, materials, equipment, services provided by others, contractor's methods of determining prices, competitive bidding or market conditions, practices or bidding strategies. Keller Associates cannot and does not warrant or guarantee that proposals, bids or actual construction costs will not vary from the costs presented herein.

Idaho Transportation Department
Bridge Inspection Report

Bridge Key:	30110	Structure Name:	97785A 100.07
(6)Features Intersected:	SAND CREEK	(9)Location:	IN SANDPOINT;BRIDGE ST
Facility Carried(Route):	STC 7785;BRIDGE ST	Admin Jurisdiction:	1727 City of Sandpoint
Xref Structure Name:		District:	01

Elm/Env	Element Description	Total Qty	Units	State 1	State 2	State 3	State 4
15/3	**Prestressed Concrete Top Flange**	10098	sq.ft	10098	0	0	0

The top surfaces of the (6) bulb-T-beam top flanges are covered with asphalt with a 5-inch concrete overlay.

The concrete wearing surface has surface abrasion with aggregate exposed in the wheel paths. The top concrete has widespread hairline map cracking throughout; 1/16 inch longitudinal cracks run full-length. At Piers 1 and 4, the wearing surface is spalled where the steel angle armor has been damaged.

510/3	***Wearing Surfaces***	*7774*	*sq.ft*	*0*	*0*	*7774*	*0*

The concrete wearing surface has surface abrasion with aggregate exposed in the wheel paths. The top concrete has widespread hairline map cracking throughout; 1/16 inch longitudinal cracks run full-length. At Piers 1 and 4, the wearing surface is spalled where the steel angle armor has been damaged.

109/3	**Prestressed Concrete Open Girder/Beam**	1795	ft	1375	20	400	0

(6) Prestressed concrete bulb tee girders with reinforced concrete diaphragms at end of each span and at midspan.

Typically all girders stems have diagonal cracks over 0.009-inch-wide at the girder ends of the girders. The stems have numerous areas of diagonal and vertical cracks up to 1/8-inch-wide with some spalling in diaphragms.

The top flange connections have cracking up to 1/2-inch-wide. The stem / flange interfaces (haunches) have numerous small cracks. At each pier, the top flanges soffits have diagonal hairline cracks with efflorescence. The top flanges soffits have widespread areas of spalling and delamination, below the joints and between the ends of the girders.

Underside of interior girders are blackened near the west abutment due to a fire in the past.

1080/3	***Delamination/Spall/Patched Area***	*250*	*ft*	*0*	*0*	*250*	*0*

The top flanges soffits have widespread areas of spalling and delamination, below the joints and between the ends of the girders.

1110/3	***Cracking (PSC)***	*170*	*ft*	*0*	*20*	*150*	*0*

Typically all girders stems have diagonal cracks over 0.009-inch-wide at the girder ends of the girders. The stems have numerous areas of diagonal and vertical cracks up to 1/8-inch-wide with some spalling in diaphragms.

The top flange connections have cracking up to 1/2-inch-wide. The stem / flange interfaces (haunches) have numerous small cracks. At each pier, the top flanges soffits have diagonal hairline cracks with efflorescence.

215/3	**Reinforced Concrete Abutment**	90	ft	87	3	0	0

Reinforced concrete caps for abutments on timber piles. There is heavy buildup of debris on both abutment seats.

West abutment has a 3-foot-high retaining wall, 5-feet in front of abutment wall consisting of (3) treated timber piles with untreated planking and logs which are leaning towards Sand Creek. The west abutment has minor erosion, the bottom of the concrete cap has 30-inch-horizontal undermining.

East abutment has hairline to 1/32-inch vertical cracks.

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1130/3	***Cracking (RC and Other)***	3	*ft*	0	3	0	0

East abutment has hairline to 1/32-inch vertical cracks.

225/3	**Steel Pile**	40	(EA)	0	0	40	0

(10) Steel shell piles at each pier. The piers are numbered from west to east.

Coating has failed at and below the waterline and beginning to fail throughout. The piles have corrosion at the coating failure, with rust nodules below the waterline.

Quoted from the 2016 Underwater Inspection Report:
The steel piles exhibited moderate corrosion from the channel bottom to 1 foot above the waterline consisting of rust nodules typically measuring 1/4 inch in diameter with maximum diameter of 1 inch covering over 90 percent of the surface area. When rust nodules were removed, steel exhibited 1/16 inch deep pitting with a maximum depth of 1/8 inch.

515/3	***Steel Protective Coating***	14318	*sq.ft*	0	7159	0	7159

Coating has failed at and below the waterline and beginning to fail throughout.

1000/3	***Corrosion***	40	*(EA)*	0	0	40	0

The piles have corrosion at the coating failure, with rust nodules below the waterline.

Quoted from the 2016 Underwater Inspection Report:
The steel piles exhibited moderate corrosion from the channel bottom to 1 foot above the waterline consisting of rust nodules typically measuring 1/4 inch in diameter with maximum diameter of 1 inch covering over 90 percent of the surface area. When rust nodules were removed, steel exhibited 1/16 inch deep pitting with a maximum depth of 1/8 inch.

234/3	**Reinforced Concrete Pier Cap**	141	ft	139	2	0	0

Piers consist of reinforced concrete caps on steel shell piling. Piers are numbered from west to east.

Pier 1, south end, west side: a diagonal crack approximately 1/8-inch-wide x 24-inch-long.

1130/3	***Cracking (RC and Other)***	2	*ft*	0	2	0	0

Pier 1, south end, west side: a diagonal crack approximately 1/8-inch-wide x 24-inch-long.

301/3	**Pourable Joint Seal**	104	ft	0	0	0	104

Pourable expansion joints over the piers.

Majority of the adhesive between steel angle and expansion joint sealant has failed. The steel angle armor nosing has damage at Pier 4 for 12-feet and Pier 1 for 6-feet; steel is missing at both locations.

2320/3	***Seal Adhesion***	86	*ft*	0	0	0	86

Majority of the adhesive between steel angle and expansion joint sealant has failed.

2370/3	***Metal Deterioration or Damage***	18	*ft*	0	0	0	18

The steel angle armor nosing has damage at Pier 4 for 12-feet and Pier 1 for 6-feet; steel is missing at both locations.

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7000/3	***Damage***	18	*ft*	0	0	0	18

The steel angle armor nosing has damage at Pier 4 for 12-feet and Pier 1 for 6-feet; steel is missing at both locations.

310/3	**Elastomeric Bearing**	60	each	60	0	0	0

Bulb-T-girders are bearing on 3/4-inch x 6-inch x 2-foot elastomeric pads. Bearing areas have minor buildup of debris except at the NW and SE exterior of the abutments where there is fill placed against the bearing area.

330/3	**Metal Bridge Railing**	597	ft	479	118	0	0

Bridge rail consists of coated metal railing and posts, and a concrete curb.

Minor areas have complete coating loss with exposed bare metal. The remaining coating is intact or has minor peeling exposing the primer. Surface corrosion at locations of coating failure.

515/3	***Steel Protective Coating***	2930	*sq.ft*	0	1265	200	1465

Minor areas have complete coating loss with exposed bare metal. The remaining coating is intact or has minor peeling exposing the primer.

1000/3	***Corrosion***	118	*ft*	0	118	0	0

Surface corrosion at locations of coating failure.

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Xref Structure Name:		District:	01

Additional Information

ROADWAY APPROACHES: Both approaches are in good condition.

CURBS/SIDEWALKS: Curbs part of bridge rail. Concrete sidewalk on south side has random transverse cracks up to 1/16-inch-wide and continuous edge spalling along entire sidewalk, up to 2-inch-deep. South sidewalk at Pier 2 is spalled 2x1-foot x 2-inch with (2) exposed bars. Flat concrete curb along the north side of the bridge.

DRAINS: Ten out of twenty deck drains are plugged.

EMBANKMENT: Embankments consist of large rock and gravel with vegetation and low, stable slope. The east shoreline consists of gravel and riprap; the SE corner has a tree growing through the rail. The west shoreline consists of dirt with moderate vegetation.

CHANNEL: Channel bottom consists of sand and clay with up to 4-inch of probe rod penetration. Pedestrian bridge is at the north side of the bridge, approximately 3-feet away. Flow was centered between abutments with all four piers in the water. Cross section is included with the underwater reports.

SIGNS: None. No speed limit signs posted.

GUARDRAIL: None.

UTILITIES: Waterline along the north fascia that is mounted to bridge rail anchors. Four street light lamp posts along the north side of the bridge.

NAVIGATIONAL FEATURES: No navigational lights on bridge.

NOTES: The Independent Highway District (IHD) and the City of Sandpoint have signed an MOU, this MOU is in place until 9/30/22 (unless terminated earlier by parties). The MOU states that they have joint jurisdiction, the City will have main jurisdiction for ITD's reporting purposes since they will do all maintenance. ITD will send a copy of report to both entities.

SCOUR REVIEW: N/A

INSPECTION FREQ: N/A

WORK ACCOMPLISHED: N/A

LOAD RATING: N/A

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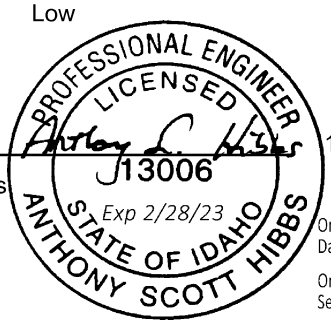
Maintenance Recommendations

Recommendation	Priority	Suggested Work Assignment
Clean and coat steel shell piles.	Medium	Local Agency
Clean bearing seats at both abutments.	Low	Local Agency
Replace pourable expansion joint sealant. Repair the missing steel angle armor nosing at piers 1 and 4.	High	Local Agency
Clean deck drains.	Low	Local Agency
Repair spalling in the south sidewalk over Pier 2.	High	Local Agency
Remove the tree at the SE corner.	Low	Local Agency

Inspector's Signature: _____ 10/02/2021

Inspector Number and Name: 146 - Scott Hibbs, Extreme Access



Original Signed By: Anthony Scott Hibbs
Date Original Signed: 11/16/2021

Original is stored on an Idaho Transportation Department Server, in care of Bridge Section Database Manager

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Xref Structure Name:		District:	01

IDENTIFICATION

(1)State:	16 Idaho
(2)District:	District 1
(3)County:	017 Bonner
(4)Place Code:	Sandpoint
(5)Inventory Route:	151077850
(7)Facility Carried:	STC 7785;BRIDGE ST
(11)Milepoint: 100.040	Agency Milepost: 100.040
(12)Base Hwy Network:	Not on Base Network
(13a)LRS Inventory Route:	
(13b)LRS Sub Route:	
(16)Latitude:	48° 16' 25.9"
(17)Longitude:	116° 32' 48.6"
(98)Border Bridge Code:	
(99)Border Bridge ID:	
Segment Code:	000816
Segment Under Rte:	
Segment Other Rte:	
Drawing Number:	13904
Project Key Number:	
Inspection Area:	911
MPO:	N/A

STRUCTURE TYPE AND MATERIALS

(43a/b)Main Span Material/Design:
5 Prestressed Concrete 4 Tee Beam

(44a/b)Approach Span Material/Design:

(45)No. of Spans Main Unit:	5
(46)No. of Approach Spans:	0
(107)Deck Type:	2 Concrete Precast Panel
(108a)Wearing Surface:	1 Monolithic Concrete
(108b)Membrane:	0 None
(108c)Deck Protection:	None

Deck Applications

CLASSIFICATION

(112)NBIS Length:	Long Enough
(104)Highway System:	0 Not on NHS
(26)Functional Class:	17 Urban Collector
(100)Defense Highway:	0 Not a STRAHNET hwy
(101)Parallel Structure:	No || bridge exists
(102)Direction of Traffic:	2 2-way traffic
(103)Temporary Structure:	
(105)Federal Lands Highway:	0 N/A (NBI)
(110)Design Natl Network:	0 Not part of natl netwo
(20)Toll Facility:	3 On free road
(21)Custodian:	City/Municipal Hwy Agenc
(22)Owner:	City/Municipal Hwy Agenc
(37)Historical Significance:	4 Hist sign not determin

GEOMETRIC DATA

(48)Maximum Span Length:	59.0 ft
(49)Structure Length:	301 ft
Total Length:	301 ft
(50a)Curb/Sidewalk Width Lt:	1.5 ft
(50b)Curb/Sidewalk Width Rt:	5.1 ft
(51)Width Curb to Curb:	26.5 ft
(52)Width Out to Out:	34.0 ft
(32)App Roadway Width:	27 ft
(33)Median:	0 No median
(34)Skew:	0°
(35)Structure Flared:	0 No flare
(10)Vertical Clearance:	99.99 ft
(47)Total Horiz Clearance:	26.5 ft
(53)Min Vert Clr Over Deck:	99.99 ft
(54a)Min Vert Underclr Ref:	N Feature not hwy or RR
(54b)Min Vert Underclr:	0.00 ft
(55a)Min Lat Underclr Ref Rt:	N Feature not hwy or RR
(55b)Min Lat Underclr Rt:	0.0 ft
(56)Min Lat Underclr Lt:	0.0 ft

LRS

Route ID:	00816AOH000
Measure:	0.042132956
Route ID Under Rte:	
Measure Under Rte:	
Route ID 2nd Rte Under:	
Measure 2nd Rte Under:	

DocuSign Envelope ID: 6EFBC5E8-59D8-4655-9786-AB3F7694ACE6

Idaho Transportation Department
Bridge Inspection Report

Bridge Key:	30110	Structure Name:	97785A 100.07
(6)Features Intersected:	SAND CREEK	(9)Location:	IN SANDPOINT;BRIDGE ST
Facility Carried(Route):	STC 7785;BRIDGE ST	Admin Jurisdiction:	1727 City of Sandpoint
Xref Structure Name:		District:	01

LOAD RATING

(31)Design Load:	5 MS 18 (HS 20)
(64)Operating Rating:	46 tons / HS25.6
(66)Inventory Rating:	27 tons / HS15.0
(70)Posting:	5 At/Above Legal Loads
(41)Posting Status:	A Open, no restriction

CONDITION

(58)Deck:	6 Satisfactory
(59)Superstructure:	6 Satisfactory
(60)Substructure:	5 Fair
(61)Channel/Protection:	7 Minor Damage
(62)Culvert:	N N/A (NBI)

AGE AND SERVICE

(27)Year Built:	1969
(106)Year Reconstructed:	
(42a)Type of Service On:	1 Highway
(42b)Type of Service Under:	5 Waterway
(28a)Lanes On: 2	(28b)Lanes Under: 0
(29)ADT:	6900
(30)Year of ADT:	2019
(109)Truck ADT:	0%
(19)Detour Length:	99 miles
Speed Limit:	15 MPH

APPRAISAL

(67)Structure Condition:	5 Above Min Tolerable
(68)Deck Geometry:	3 Intolerable - Correct
(69)Undrclear,Vert and Horiz:	N Not applicable (NBI)
(71)Waterway Adequacy:	9 Above Desirable
(72)Approach Alignment:	7 Above Min Criteria
(36)Traffic Safety Features:	
(a)Bridge Rail:	0 Substandard
(b)Transition:	0 Substandard
(c)Approach Rail:	0 Substandard
(d)Approach Rail Ends:	0 Substandard
(113)Scour Critical:	8 Stable Above Footing

PROPOSED IMPROVEMENTS

(75a)Type of Work:	31 Repl-Load Capacity
(75b)Work Done By:	1 Contract
(76)Length of Improvement:	335 ft
(94)Bridge Improvement Cost:	$3,206,000
(95)Rdwy Improvement Cost:	$321,000
(96)Total Project Cost:	$4,809,000
(97)Year of Cost Estimate:	2019
(114)Future ADT:	10350
(115)Year of Future ADT:	2039
YEAR PROGRAMMED:	

NAVIGATION DATA

(38)Navigation Control:	Permit Required
(39)Vertical Clearance:	14.5 ft
(40)Horizontal Clearance:	54.0 ft
(111)Pier Protection:	1 Not Required
(116)Lift Bridge Vert Clr:	

ENVIRONMENTAL

Environmental Concerns: No

INSPECTION

(90)Inspection Date: 10/2/2021 (91)Inspection Frequency: 24 months

(92)Supplemental Inspections Frequency:

(a)Fracture Critical Detail:	NA	(a)FC Inspection Date:	
(b)Underwater Inspection:	60 months	(b)UW Inspection Date:	10/1/2016
(c)Fatigue Detail (OS) Inspection:	NA	(c)Fatigue Detail (OS) Date:	
(d)UBIT Inspection:	NA	(d)UBIT Date:	
(e)Confined Space Inspection:	NA	(e)Confined Space Date:	

(93)Date of Inspections:

Channel Cross Section Year:

Equipment Needed for Regular Inspection? Boat

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Idaho Transportation Department
Bridge Inspection Report

Bridge Key:	30110	Structure Name:	97785A 100.07
(6)Features Intersected:	SAND CREEK	(9)Location:	IN SANDPOINT;BRIDGE ST
Facility Carried(Route):	STC 7785;BRIDGE ST	Admin Jurisdiction:	1727 City of Sandpoint
Xref Structure Name:		District:	01

WEARING SURFACE and DEAD LOAD INFORMATION

Asphalt:	0.0 *inches*	**Concrete:**	5.0 *inches*
Granular:	0.0 *inches*	**Timber:**	0.0 *inches*

POSTING INFORMATION

WEIGHT

Load Analysis Date: 11/28/2017

Load Analysis Required: N Analysis Complete

	Load Rating Analysis IR (tons)	OR (tons)		Recommended Posting(tons)	Actual Posting(tons)
H Truck					
HS Truck	27	46			
Type3	25	42	**Type3**		
Type 3S2	35	59	**Type 3S2**		
Type 3-3	35	59	**Type 3-3**		
			Axle Limit		

HEIGHT

	Recommended	Actual
Height Posting:		

ACTUAL WIDTH POSTING

Single Lane All Vehicles:	N
Single Lane Trucks/Buses:	N

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Idaho Transportation Department
Bridge Inspection Report

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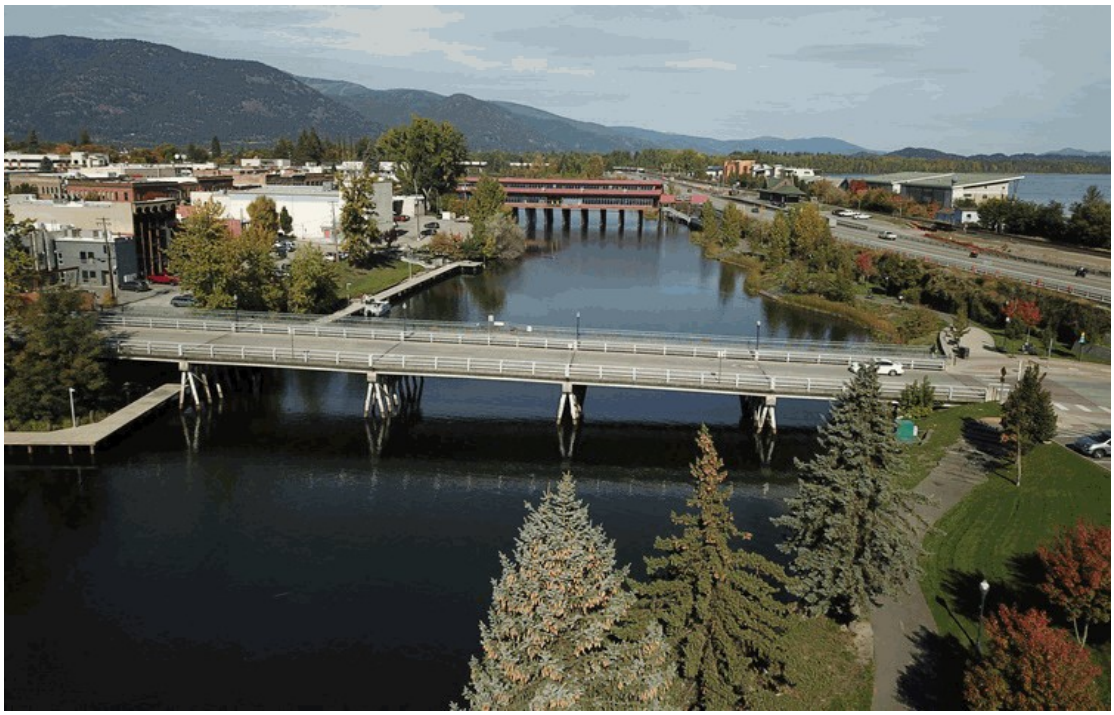
East approach.



South elevation. A tree is growing through the rail at the east end.

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Idaho Transportation Department
Bridge Inspection Report

Bridge Key:	30110	Structure Name:	97785A 100.07
(6)Features Intersected:	SAND CREEK	(9)Location:	IN SANDPOINT;BRIDGE ST
Facility Carried(Route):	STC 7785;BRIDGE ST	Admin Jurisdiction:	1727 City of Sandpoint
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North / upstream channel.

South / downstream channel.

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Idaho Transportation Department
Bridge Inspection Report

Bridge Key:	30110	Structure Name:	97785A 100.07
(6)Features Intersected:	SAND CREEK	(9)Location:	IN SANDPOINT;BRIDGE ST
Facility Carried(Route):	STC 7785;BRIDGE ST	Admin Jurisdiction:	1727 City of Sandpoint
Xref Structure Name:		District:	01

South rail, east end: a tree is growing through the rail.

South rail, midspan: complete coating failure, with surface corrosion.

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Idaho Transportation Department
Bridge Inspection Report

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South side sidewalk, midspan, looking west: the concrete is spalled with exposed rebar.

Joint over Pier 1, looking south: missing steel angle armor.

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Idaho Transportation Department
Bridge Inspection Report

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Xref Structure Name:		District:	01

Pier 1, Pile 1: the steel has rust nodules.

Girders 3 and 4: the top flanges have delamination and spalls, up to 20-inch-diameter x 2.5-inch-deep.

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Sta 0+96.87
Δ = 5°44' Lt.

Sta 7+01.91
Δ = 4°54' Lt.

AVENUE

1ST ADD'N

ELOH'S ADD'N City of Sandpoint

Access road to City parking

Existing Timber Bulkhead

Existing ground contours (2' Interval)

Creek

N.P.R.R. R/W 200'

80'

Proposed Hwy

N.P.R.R. R/W

Access road to depot

Walter L Jones

6" Water line, & 2" Gas line - all work req'd, to be done by City.

RETAIL STORE
Sandpoint Aerie 589, Inc.

Sta 0+00

Adjust exist. C.B.

Remove & Replace Walk

BRIDGE ST.

Const. curb, left & right

Const. Sidewalk

34'

31'

16'

16'

80'

34'-0"

18'-10"

15'-2"

13'-3"

13'-3"

1'-11"

5'-7"

Existing Timber Bridge (to be removed)

℄ of roadway

Adjust grade for exist. M.H.

Const. curb & walk

6" Pressure Sanitary Sewer line, 6" Water line, & 2" Gas line to be installed under bridge by Contractor. All mat'ls req'd to be supplied by City.

Const. Prestressed Conc. Bridge - 298.92'

Normal Pool Elev. 2062.5

SERVICE STATION
Socony Mobil Oil Co., Inc.

2 Power poles to be moved by Pacific Power & Light Co.

Sand

MOTEL

OFFICE

Walter L. Jones

Remove exist. curbs, left & right
Const. curbs left & right, const. sidewalk right side

Existing 6" Sewer line to First Avenue, City to provide temporary service until line on new bridge is installed by Contractor. City to furnish all mat'ls. City to furnish all labor for work done on line on approaches.

F18-ST

BRIDGE

12'-7"

12'-7"

Sta 0+30 = 2062.90

East prop. line - First Ave.

-C.18 %

82.68

Prestressed Concrete Bridge - 34" Depth
5 Spans - 298.92'

℄ Pier 1 - 2+25.54 = 91.02

Finished deck grades

Grade - 2.20%

Existing Bridge

℄ Pier 6 - 5+24.46 = 74.44

Proposed Grade Seperation Structure (Idaho Dept. of Highways)

℄ Proposed Hwy

Proposed Grade - 89.88

℄ N.P.R.R. U/Pass

Sta 4+58.33 = 2077.50

Sta 7+38.43 = 2069.75

87.79

Existing Ground Line

Finished Grade

150' V.C.

82.82

82.345

81.03

79.71

77.19

73.75

14.5' Cl

13.2' Cl

11.9' Cl

10.6' Cl

Normal Pool Elev. - 2062.5

2+25 = 81.03

6+75 = 82.82

7+50 = 82.345

2100
90
80
70
60
2050

0 1 2 3 4 5

NOTE: Elevations based on U.S.C. & G.S. data

Revised: Moved ℄ of Bridge 1'-6" North 2-27-69

CITY OF SANDPOINT, IDAHO
BRIDGE STREET BRIDGE
AREA MAP & PROFILE

Date: Mar. 7 '69 Scale: 1"=25' Hor.
1"=10' Vert.

Approved:
Mayor
Public Works Committee

William W. Wyatt

W. W. WYATT
Westwood Building
Sandpoint, Idaho

FILE 1467

DRWG. NO. 13,904

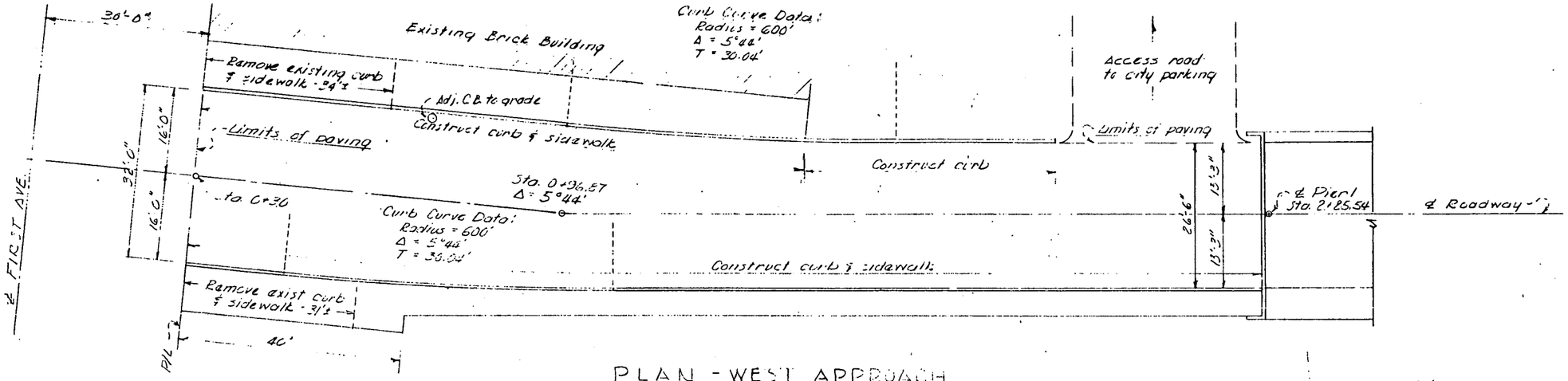
K+E PLATE 1, PLAN-PROFILE KEUFFEL & ESSER CO.

PLAN
SURVEYED
PLOTTED
GRADES CHECKED
NOTE BOOK
NO.
STRUCTURE NO. ITH CHANNEL

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
NOTE BOOK
NO.
STRUCTURE NO. ITH CHANNEL

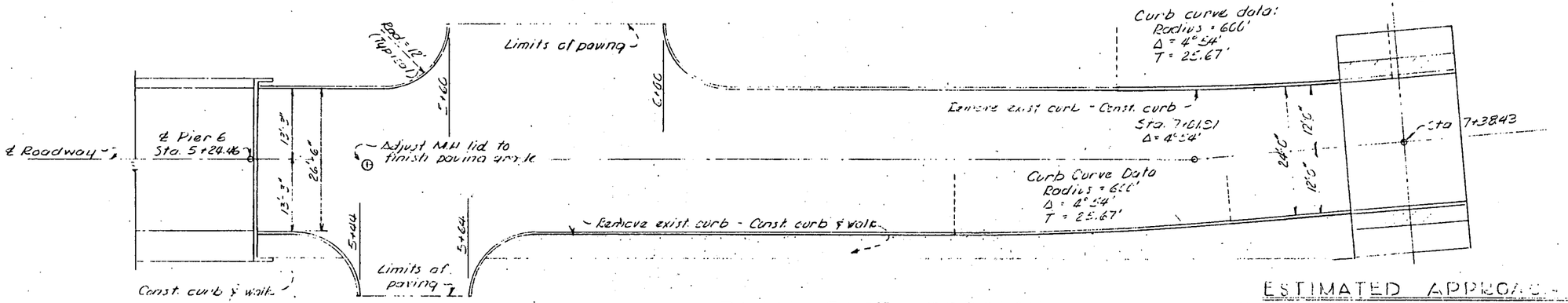
RECORD
DATE FILED Jan. 1967
SCALE 1" = 20'
SCALE 1" = 2'
SHEETS 2

DocuSign Envelope ID: 6EFBC5E8-59D8-4655-9786-AB3F7694ACE6



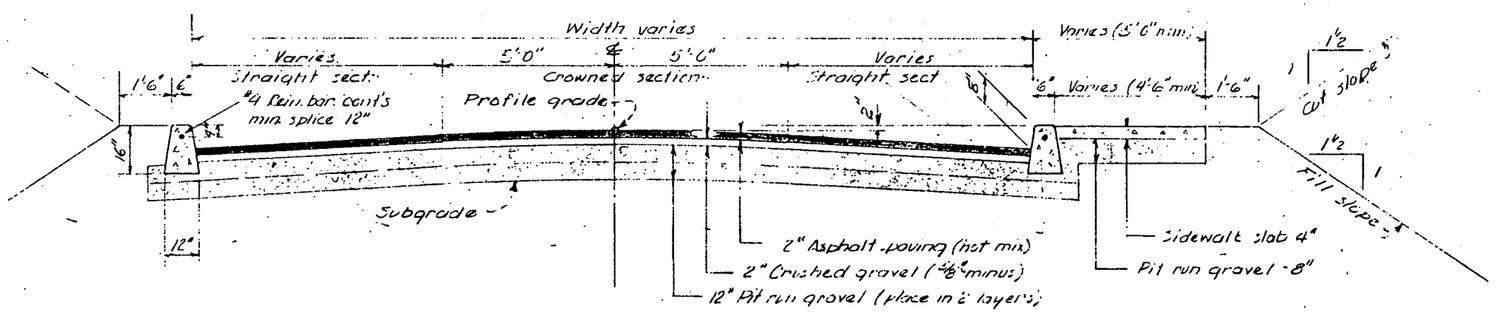
PLAN - WEST APPROACH

SCALE 1" = 10'



PLAN - EAST APPROACH

SCALE 1" = 10'



TYP. PAVING SECTION

SCALE ½" = 1'-0"

ESTIMATED APPROACH QUANTITIES

ITEM NO.	ITEM	QUANTITY
1	Remove curbs	260 L.F.
2	Remove sidewalk	65 S.Y.
3	Construct curbs	723 L.F.
4	Construct sidewalk	328 S.Y.
5	Unclassified excavation	720 C.Y.
6	Embankment	760 C.Y.
7	Pit run gravel base, in place	530 C.Y.
8	Crushed gravel base, in place	75 C.Y.
9	Asphalt paving, in place	1290 S.Y.

Revised: Moved Bridge @ 1'6" North 5-27-69

REGISTERED PROFESSIONAL ENGINEER STATE OF IDAHO WILLIAM W. WYATT

W. W. WYATT
Westwood Building
Sandpoint, Idaho

CITY OF SANDPOINT, IDAHO

BRIDGE STREET BRIDGE

APPROACH DETAILS

Date: Mar. 10, '69 Scale: Shown

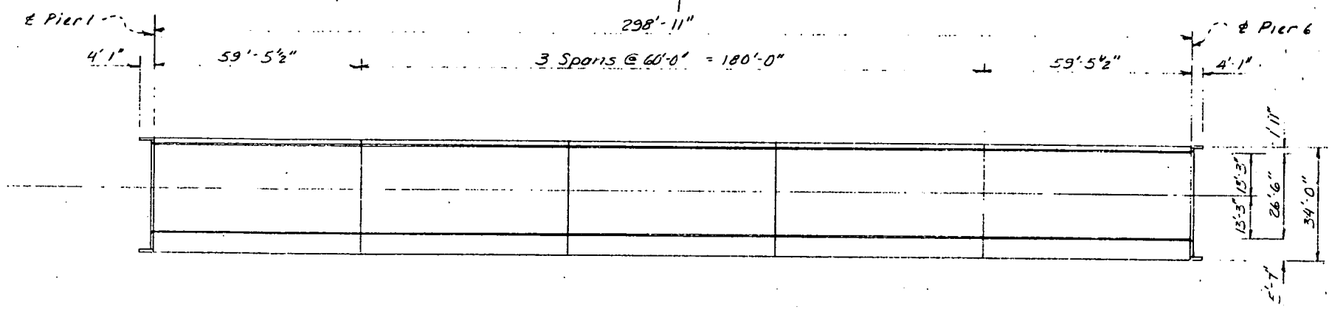
Approved:

Mayor Public Works Committee

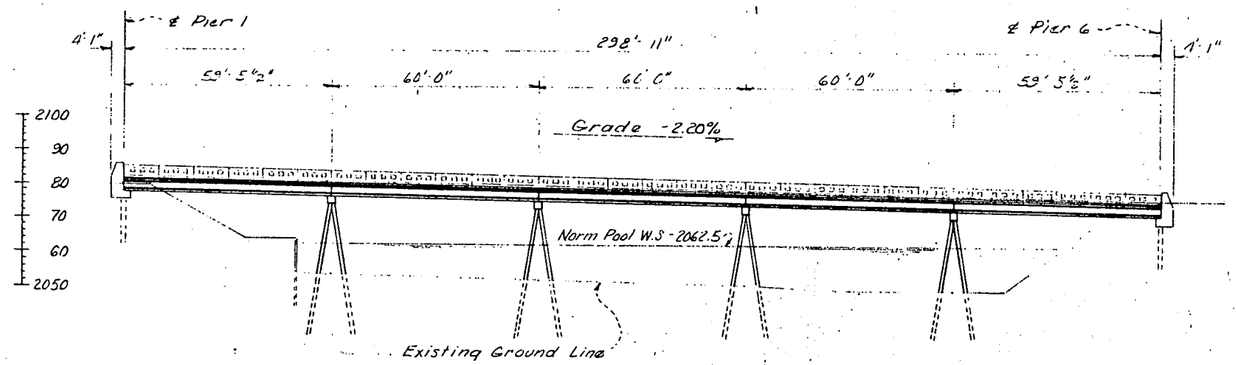
FILE 1467 DRWG. NO. 13,905

RECORD DATE FILED Jan. 1987 ROLL NO. 1 ID. NO. 2 SHEETS 1 4

DocuSign Envelope ID: 6EFBC5E8-59D8-4655-9786-AB3F7694ACE6



PLAN



ELEVATION

ESTIMATED BRIDGE QUANTITIES

ITEM NO.	ITEM	QUANTITY
10	Structural Excavation	130 C.Y.
11	Furnish Untreated Timber Piling	2400 L.F.
12	Furnish Treated Timber Piling	600 L.F.
13	Furnish Steel Pipe Piling	1200 L.F.
14	Drive Treated Timber Piling	12 Ea.
15	Drive Composite Piling (A)	40 Ea.
16	Perform Pile Test (60 TON Load)	1 Ea.
17	Class 'A' Concrete (B)	45 C.Y.
18	Reinforcing Steel	11,000 Lb.
19	Pre-stressed Beams (B)(C)	30 Ea.
20	Bridge Railing (C)	600 L.F.
21	Remove Existing Bridge	All
22	Painting	All

(A) Includes mat'ls & labor for concreting of piles & pile to pier cap connections.
(B) Includes all embedded steel items.
(C) Includes reinforcing steel

GENERAL NOTES

SPECIFICATIONS: Design - American Association of State Highway Officials "Standard Specifications for Highway Bridges" 1961 Edition & Interim Specifications. Construction - Same & State of Idaho Department of Highways 'Standard Specifications for Highway Construction" 1967 Edition.

DEAD LOAD: Concrete - 156 lbs. per cu. ft.
Beams - 563 lbs. per lin. ft.
Future wearing surface - 20 lbs. per sq. ft. (deck)

LIVE LOAD: H 20 - S16 · 44, Impact 30% max.

UNIT STRESSES: Class 'A' Concrete - f'c = 3000 p.s.i., fc = 1200 p.s.i., n = 10. Class 'A-A' Concrete - f'c = 5000 p.s.i., fc = 2000 p.s.i., n = 6. Reinforcing Steel - fs = 20,000 p.s.i.; Prestressing Strands - ½"ϕ, 270 K.

CONCRETE: Beams to be Class 'A-A' Concrete, all other concrete to be Class 'A'. Max. aggregate to be 1". An acceptable air entraing agent will be used. All exposed corners & re-entrant angles to be chamfered ¾" unless otherwise noted.

REINFORCING STEEL: Reinforcing Steel shall be of intermediate grade & conform to A.A.S.H.O., M 31. All dimensions shown are to center of bars.

PRESTRESSED CONCRETE BEAMS: Prestressed Concrete Beams shall be constructed of Class 'A-A' Concrete using 'Light-Weight' aggregate, except that the top 1½" of deck will be constructed using conventional aggregate. An allowance of 20 lbs. per sq. ft. is made for future application of wearing surface. Shop drawings of beams showing all details, stresses & camber for the various conditions of manufacture & loading shall be approved prior to manufacture.

ELASTOMETRIC BEARING PADS: All bearing pads shall be of elastometric material of 60 durometer hardness & shall be manufactured in accordance with Section 1.6.47 of A.A.S.H.C. specifications.

PILING: Timber piling shall be of fir or larch with a minimum tip dia. of 8". Piles for piers 1 & 6 shall be pressure treated. Lengths of piling to be determined by performance of a pile loading test to be conducted by the contractor with a test pile load of 60 tons. Steel piling shall be 12" id. standard steel pipe of .330 in. min wall thickness filled with Cl. 'A' concrete after driving.

PAINTING: All structural steel that is not galvanized shall be painted with one shop coat & 2 subsequent coats of paint as specified in the General Specifications.

Revised:

REGISTERED PROFESSIONAL ENGINEER 1148 STATE OF IDAHO WILLIAM W. WYATT

W. W. WYATT
Westwood Building
Sandpoint, Idaho

CITY OF SANDPOINT, IDAHO
BRIDGE STREET BRIDGE
PLAN-ELEV. & NOTES

Date: Mar. 10, '69 Scale: 1" = 20'

Approved:
Mayor
Public Works Committee

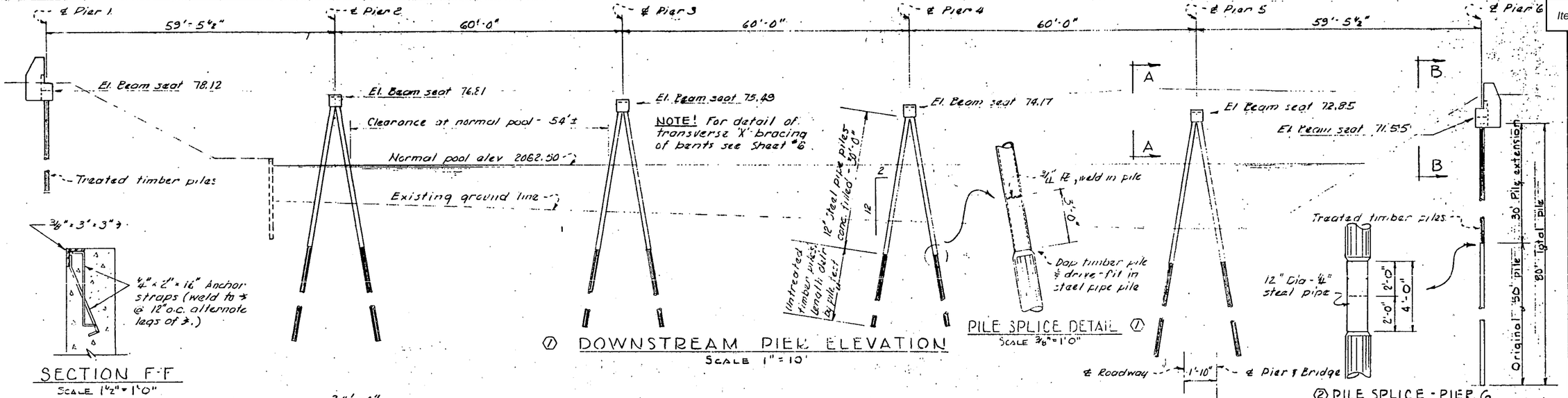
FILE 1467 DRWG. NO. 13,906

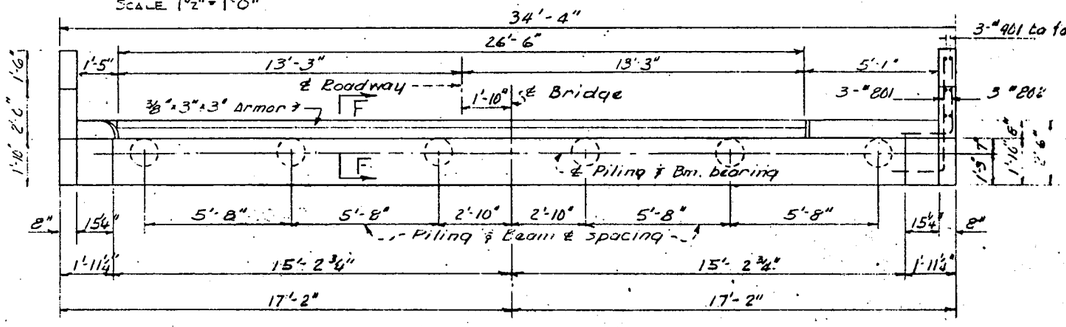
MICROFILM RECORD
DATE FILMED Jan. 1981
ROLL NO.
SEQ. NOS.
FRAMES

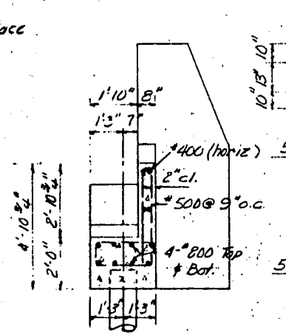
DocuSign Envelope ID: 6EFBC5E8-59D8-4655-9786-AB3F7694ACE6

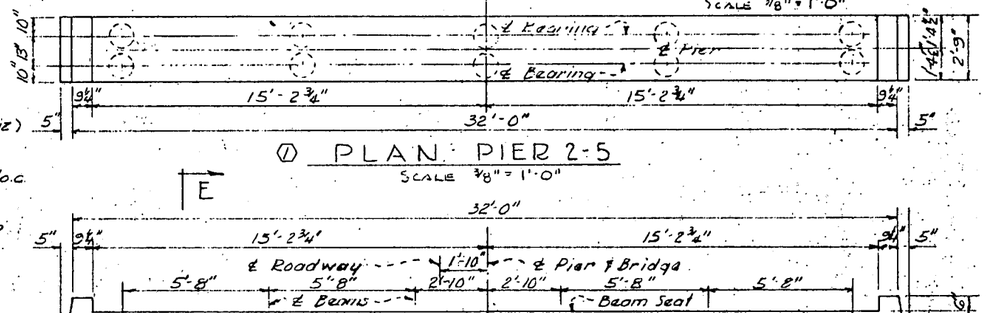
F-FG-5116(21)

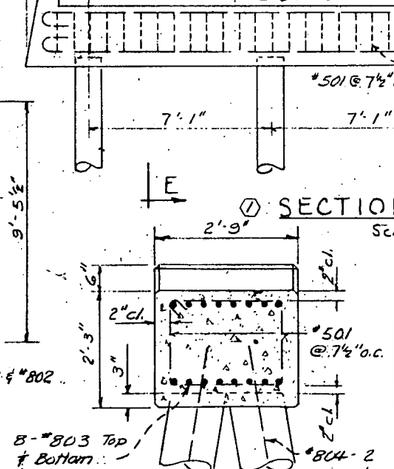
Item # 4.











Revised: ⑦ 5-20-69 Pier Cap Details, Piers 2-5
⑥ 6-26-69 Extended Piling, Pier 6

REGISTERED PROFESSIONAL ENGINEER 1148 STATE OF IDAHO WILLIAM W. WYATT

W. W. WYATT
Westwood Building
Sandpoint, Idaho

CITY OF SANDPOINT, IDAHO

BRIDGE STREET BRIDGE

PIER DETAILS

Date: Mar. 10, '69 Scale: Shown

Approved:

Mayor — Public Works Committee

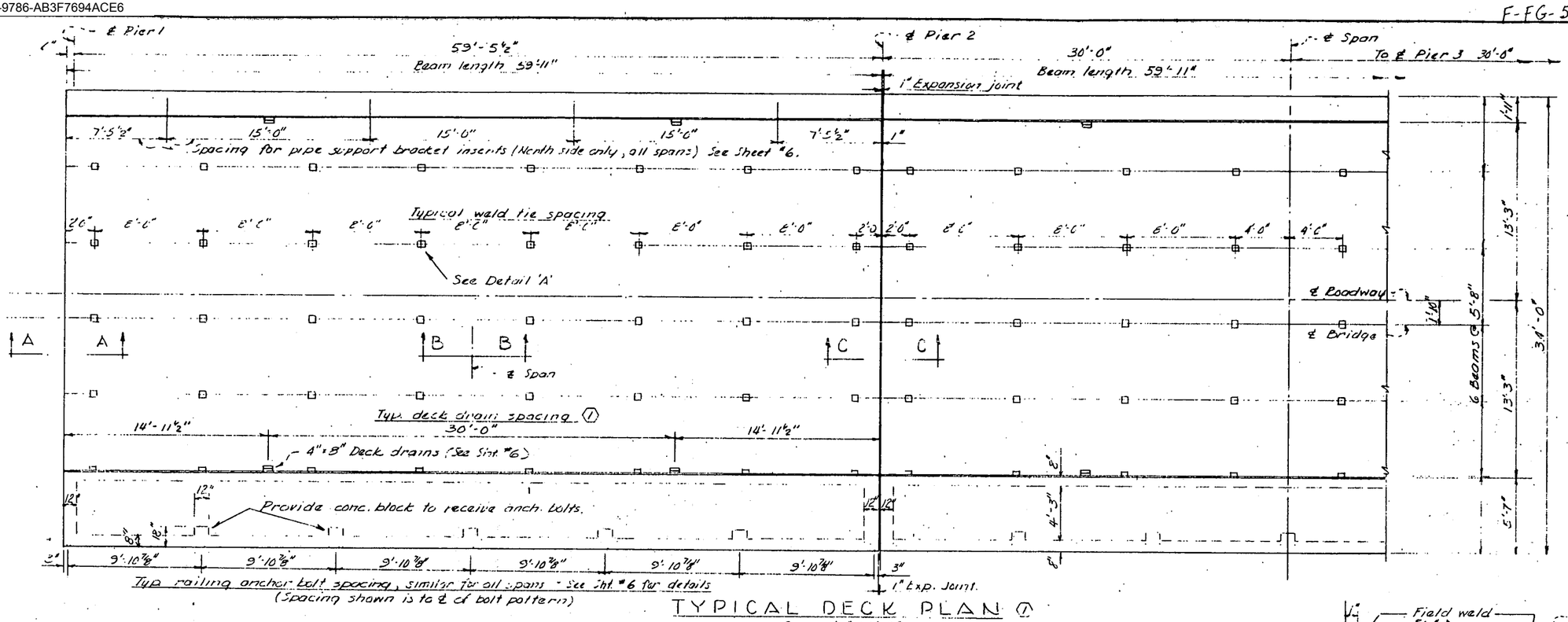
FILE 1467 DRWG. NO. 13,907

RECORD
ROLL NO.
DATE FILMED JAN 1987

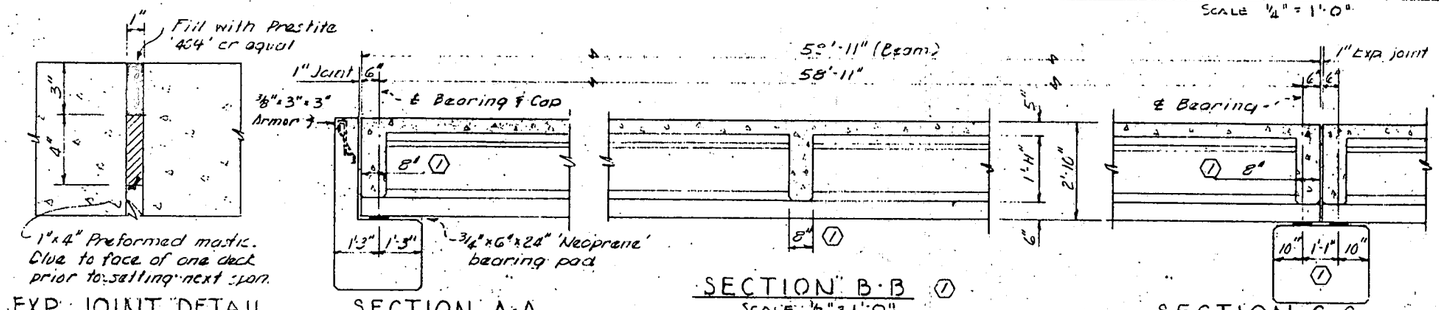
DocuSign Envelope ID: 6EFBC5E8-59D8-4655-9786-AB3F7694ACE6

F-FG-5116(21)

Item # 4.



TYPICAL DECK PLAN (1)
SCALE ¼" = 1'-0"



EXP. JOINT DETAIL
SCALE 3"=1'-0"

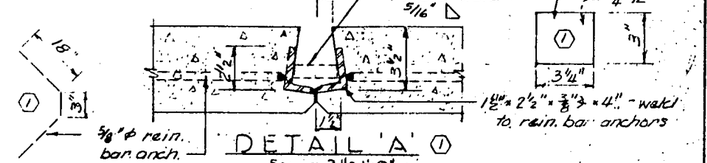
SECTION A-A
SCALE ½"=1'-0"

SECTION B-B (1)
SCALE ½"=1'-0"

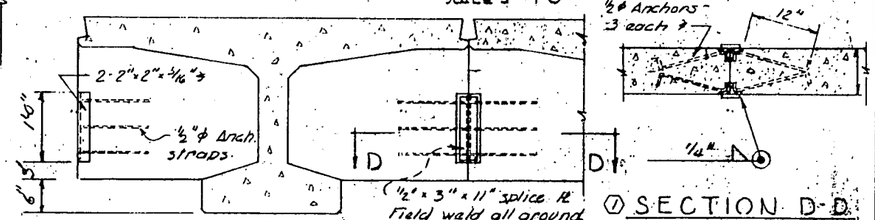
SECTION C-C
SCALE ½"=1'-0"

(1) 8" wide diaphram beams at ℄ & ℄ each end of spans cast monolithically with beams. See Detail 'B'

TYPICAL DECK SECTION (1)
SCALE ½"=1'-0"



DETAIL 'A' (1)
SCALE 3"=1'-0"



(1) DETAIL 'B'
SCALE 1"=1'-0"

(1) SECTION D-D
SCALE 1"=1'-0"

NOTE! Handrail & anchorage not shown, see Sht. #6

Revised: (1) 5-20-69 Deck details

CITY OF SANDPOINT, IDAHO
BRIDGE STREET BRIDGE
DECK DETAILS

Date: Mar-10-69 Scale: Shown

Approved:
Mayor Public Works Committee

REGISTERED PROFESSIONAL ENGINEER 1148 STATE OF IDAHO WILLIAM W. WYATT

W. W. WYATT
Westwood Building
Sandpoint, Idaho

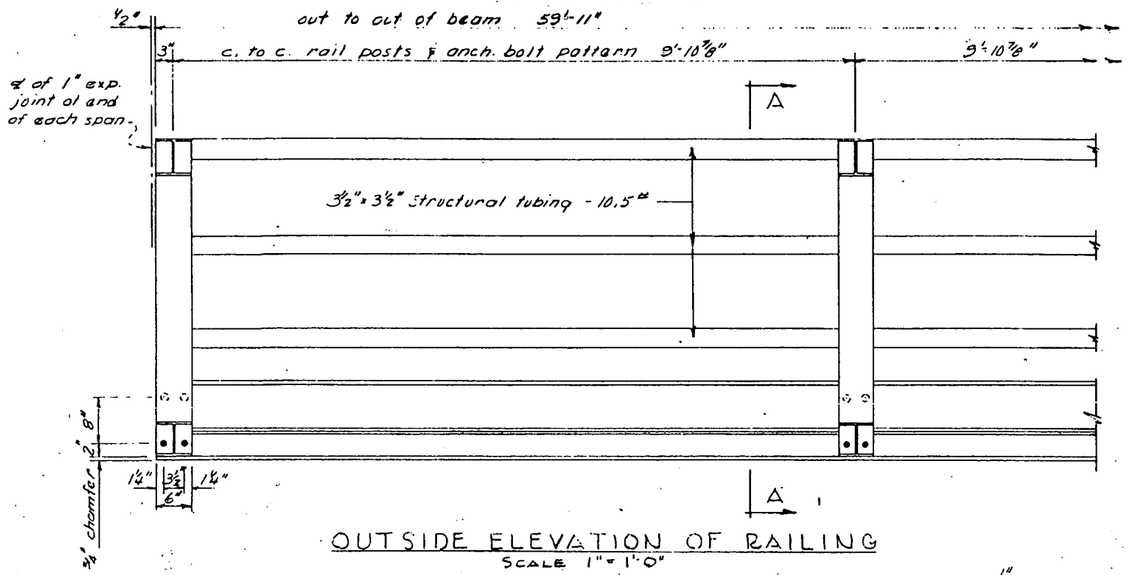
FILE 1467 DRWG. NO. 13,908

CONDITION OF RECORD
DATE FILMED Jan. 1987
ROLL NO. 18 INDEX
1 2 3 4
PROCESS 1 2 3

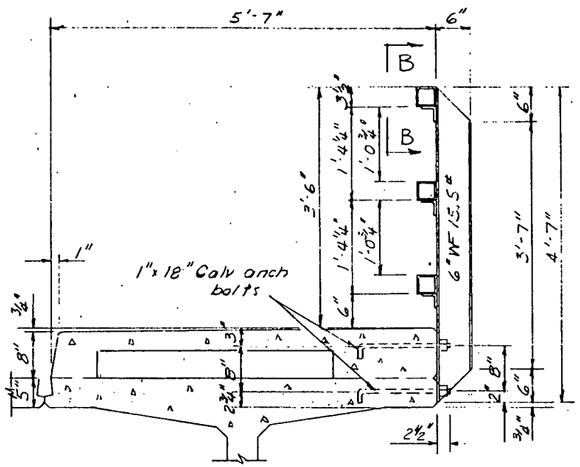
DocuSign Envelope ID: 6EFBC5E8-59D8-4655-9786-AB3F7694ACE6

F-FG-5116(21)

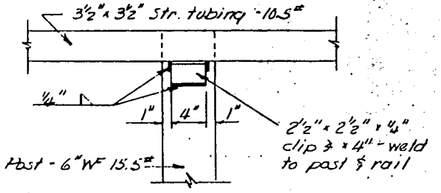
Item # 4.



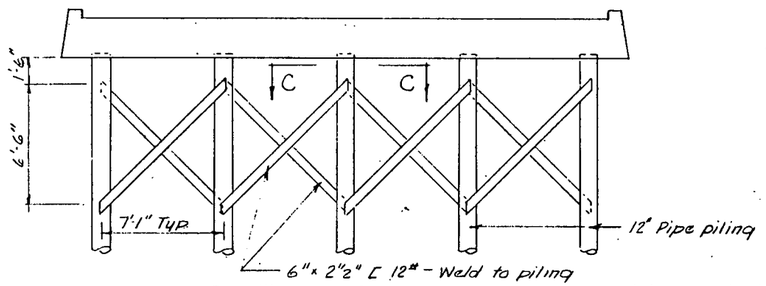
OUTSIDE ELEVATION OF RAILING
SCALE 1"=1'-0"



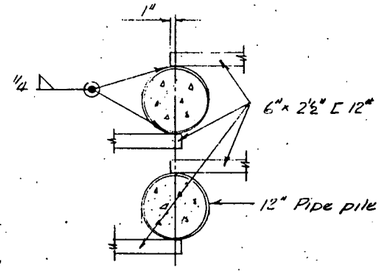
SECTION A-A
SCALE 1"=1'-0"



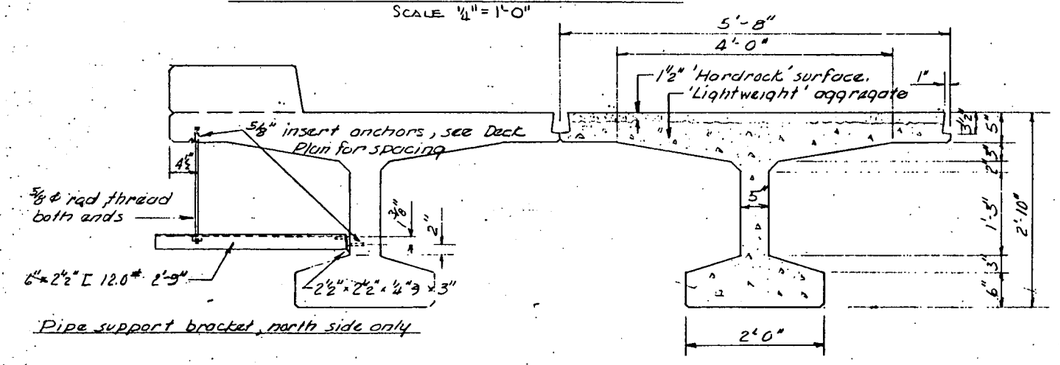
SECTION B-B
SCALE 1½"=1'-0"



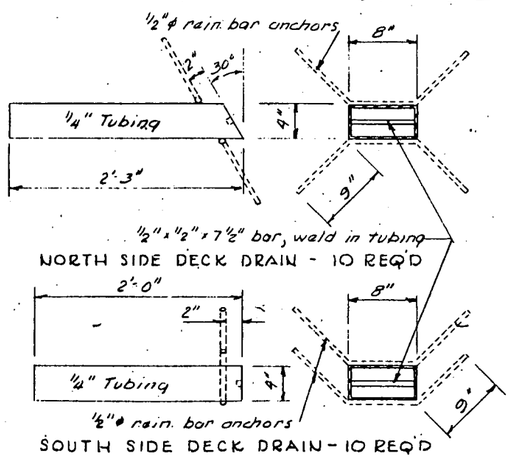
TYP TRANSVERSE PIER ELEV.
SCALE ½"=1'-0"



SECTION C-C
SCALE 1"=1'-0"



TYP. SEC. - PRESTRESSED BEAMS
SCALE 1"=1'-0"



DECK DRAIN DETAILS
SCALE 1½"=1'-0"

Total Weight of Reinforcing - 11,935.54#

BILL OF REINFORCING BARS
NOTE! Does not include rein. in pre-stressed bms

Mark	Location	No.	Size	Length	Sketch
800	Pier 1 & 6	16	8	35'-10"	33'-10", 9"
500	Pier 1 & 6	92	5	12'-8"	3'-8½", 2'-1", 3½", 10½"
400	Pier 1 & 6	8	4	33'-10"	
801	Pier 1 & 6	12	8	6'-10"	2'-0", 4'-10"
802	Pier 1 & 6	12	8	5'-0"	2'-0", 3'-0"
401	Pier 1 & 6	24	4	9'-0"	
402	Pier 1 & 6	16	4	4'-10"	
403	Pier 1 & 6	40	4	3'-0"	
803	Piers 2 to 5	64	8	33'-6"	31'-6", 9"
501	Piers 2 to 5	200	5	8'-3"	2'-4", 1'-2½"
804	Piers 2 to 5	80	8	4'-3"	3'-0", 9"

Revised: Sheet redrawn.

REGISTERED PROFESSIONAL ENGINEER 1148 STATE OF IDAHO WILLIAM W. WYATT
W. W. WYATT
Westwood Building
Sandpoint, Idaho

CITY OF SANDPOINT, IDAHO
BRIDGE STREET BRIDGE
MISC. DETAILS

Date: May. 27, '69 Scale: Shown
Approved:
Mayor Public Works Committee

FILE 1467 DRWG. NO. 13,909

MICROFILM RECORD
DATE FILMED JAN. 1981
ROLL NO.
SEE INDEX
INCHES 1 2 3 4

Idaho Transportation Department
Bridge Inspection Report

Bridge Key:	30110	Structure Name:	97785A 100.07
(6)Features Intersected:	SAND CREEK	(9)Location:	IN SANDPOINT;BRIDGE ST
Facility Carried(Route):	STC 7785;BRIDGE ST	Admin Jurisdiction:	1727 City of Sandpoint
Xref Structure Name:		District:	01

Elm/Env	Element Description	Total Qty	Units	State 1	State 2	State 3	State 4
15/3	**Prestressed Concrete Top Flange**	10098	sq.ft	9548	200	350	0

Top flanges of the prestressed concrete girders with a concrete overlay and are in satisfactory condition. Ten out of twenty deck drains are plugged. The concrete wearing surface has surface abrasion with aggregate exposed in the wheel paths. The overlay concrete has widespread hairline map cracking throughout, full length longitudinal cracks up to 1/16 inch wide, and transverse cracks up to 1/4 inch wide. At Piers 1 and 4, the wearing surface is spalled where the steel angle armor has been damaged. Hairline to 1/32 inch wide cracks in the girder fillets. Diagonal hariline cracks in the undersides of the top flanges at the girder ends. (CS 3) Widespread areas of spalling and delamination on the undersides of the top flange joints and between the ends of the girders. Areas of delamination typically have associated cracking up to 1/2 inch wide. Areas with delamination and spalling typically have efflorescence.

510/3	***Wearing Surfaces***	*7774*	*sq.ft*	*0*	*0*	*7774*	*0*

The concrete wearing surface has surface abrasion with aggregate exposed in the wheel paths. The overlay concrete has widespread hairline map cracking throughout, full length longitudinal cracks up to 1/16 inch wide, and transverse cracks up to 1/4 inch wide. At Piers 1 and 4, the wearing surface is spalled where the steel angle armor has been damaged.

1080/3	***Delamination/Spall/Patched Area***	*350*	*sq.ft*	*0*	*0*	*350*	*0*

(CS 3) Widespread areas of spalling and delamination on the undersides of the top flange joints and between the ends of the girders. Areas of delamination typically have associated cracking up to 1/2 inch wide.

1110/3	***Cracking (PSC)***	*200*	*sq.ft*	*0*	*200*	*0*	*0*

Hairline to 1/32 inch wide cracks in the girder fillets. Diagonal hariline cracks in the undersides of the top flanges at the girder ends.

109/3	**Prestressed Concrete Open Girder/Beam**	1795	ft	1625	170	0	0

(6) Prestressed concrete bulb tee girders with reinforced concrete diaphragms at end of each span and at midspan are in satisfactory condition. Typically all girders have hairline diagonal cracks at the girder ends; some of these cracks continue into the girder fillets. Girder diaphragms have cracks up to 1/8 inch wide.

1110/3	***Cracking (PSC)***	*170*	*ft*	*0*	*170*	*0*	*0*

Typically all girders have hairline diagonal cracks at the girder ends; some of these cracks continue into the girder fillets.

215/3	**Reinforced Concrete Abutment**	90	ft	83	7	0	0

Reinforced concrete abutments are in fair condition. The west abutment has a 3 foot high timber retaining wall placed 5 feet in front of the abutment consisting of (3) treated timber piles with untreated planking and logs and are leaning towards Sand Creek. The west abutment has minor erosion with up to 30 inch horizontal undermining under the abutment. Both abutments have hairline to 1/32 inch wide vertical cracks.

1130/3	***Cracking (RC and Other)***	*7*	*ft*	*0*	*7*	*0*	*0*

Both abutments have hairline to 1/32 inch wide vertical cracks.

225/3	**Steel Pile**	40	(EA)	0	0	40	0

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(10) Steel shell piles at each pier are in fair condition. Steel protective coating was no longer effective below the high water line. (CS 3) Steel piles had moderate corrosion on over 90 percent of their surface area from the channel bottom to 2 feet above the waterline consisting of rust nodules typically 1/4 inch in diameter up to a maximum of 1 inch in diameter. Cleaned steel typically had 1/16 inch deep pitting up to a maximum depth of 1/8 inch. There was up to 1/4 inch of delaminated pack rust at waterline. See underwater inspection report dated 10/1/2021.

515/3	***Steel Protective Coating***	14318	*sq.ft*	0	7159	0	7159

Steel protective coating was no longer effective below the high water line.

1000/3	***Corrosion***	40	*(EA)*	0	0	40	0

(CS 3) Steel piles had moderate corrosion on over 90 percent of their surface area from the channel bottom to 2 feet above the waterline consisting of rust nodules typically 1/4 inch in diameter up to a maximum of 1 inch in diameter. Cleaned steel typically had 1/16 inch deep pitting up to a maximum depth of 1/8 inch. There was up to 1/4 inch of delaminated pack rust at waterline. See underwater inspection report dated 10/1/2021.

234/3	**Reinforced Concrete Pier Cap**	141	ft	139	2	0	0

Piers consist of reinforced concrete caps on steel shell piling. Pier 1 has a diagonal crack that measures approximately 1/8 inch wide x 24 inches long on the west side on the south end.

1130/3	***Cracking (RC and Other)***	2	*ft*	0	2	0	0

Pier 1 has a diagonal crack that measures approximately 1/8 inch wide x 24 inches long on the west side on the south end.

301/3	**Pourable Joint Seal**	104	ft	0	0	0	104

Pourable expansion joints over the piers. (CS 4) Majority of the adhesive between steel angle and expansion joint sealant has failed. The steel angle armor nosing has damage at Pier 4 for 12 feet and Pier 1 for 6 feet; steel is missing at both locations.

2320/3	***Seal Adhesion***	86	*ft*	0	0	0	86

(CS 4) Majority of the adhesive between steel angle and expansion joint sealant has failed.

2370/3	***Metal Deterioration or Damage***	18	*ft*	0	0	0	18

(CS 4) The steel angle armor nosing has damage at Pier 4 for 12 feet and Pier 1 for 6 feet; steel is missing at both locations.

7000/3	***Damage***	18	*ft*	0	0	0	18

(CS 4) The steel angle armor nosing has damage at Pier 4 for 12 feet and Pier 1 for 6 feet; steel is missing at both locations.

310/3	**Elastomeric Bearing**	60	each	60	0	0	0

Girders are bearing on 3/4 inch x 6 inch x 2 foot elastomeric pads are in good condition. Bearing areas have minor buildup of debris; the northwest and and southeast corners have fill placed against the bearing area.

330/3	**Metal Bridge Railing**	597	ft	479	118	0	0

Bridge rail consists of coated metal railing and posts on both sides of the bridge. Random areas of coating loss with exposed bare metal. The remaining coating is intact or has minor peeling exposing the primer. Surface corrosion with no loss of section in areas of coating failure.

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Xref Structure Name:		District:	01

515/3	***Steel Protective Coating***	2930	*sq.ft*	0	1265	200	1465

Random areas of coating loss with exposed bare metal. The remaining coating is intact or has minor peeling exposing the primer.

1000/3	***Corrosion***	118	*ft*	0	118	0	0

Surface corrosion with no loss of section in areas of coating failure.

Idaho Transportation Department
Bridge Inspection Report

Bridge Key:	30110	Structure Name:	97785A 100.07
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Xref Structure Name:		District:	01

Additional Information

ROADWAY APPROACHES: The east approach is in good condition. The west approach is in satisfactory condition with random cracking and patches at the abutment joint.

EMBANKMENTS: Embankments consist of large rock and gravel with vegetation and low, stable slope. The east shoreline consists of gravel and riprap. The west shoreline consists of dirt with moderate vegetation.

CHANNEL: Channel bottom consists of sand and clay with up to 4 inch of probe rod penetration. Pedestrian bridge is at the north side of the bridge, approximately 3 feet away. Flow was centered between abutments with all four piers in the water. Cross section is included with the underwater reports.

SIDEWALKS/CURBS: Concrete sidewalk on south side has random transverse cracks up to 1/16 inch wide and continuous edge spalling along the entire sidewalk that is up to 2 inches deep. South sidewalk at Pier 2 has a 2 foot wide x 1 foot long spall that is 2 inches deep with (2) exposed bars. Flat concrete curb along the north side of the bridge.

SIGNS: None.

GUARDRAIL: None.

UTILITIES: Waterline along the north fascia that is mounted to bridge rail anchors. Four street light lamp posts along the north side of the bridge.

NAVIGATIONAL FEATURES: No navigational lights on bridge.

NOTES: The Independent Highway District (IHD) and the City of Sandpoint have signed an MOU, this MOU is in place until 9/30/27 (unless terminated earlier by parties). The MOU states that they have joint jurisdiction, the City will have main jurisdiction for ITD's reporting purposes since they will do all maintenance. ITD will send a copy of report to both entities.

SCOUR REVIEW:

INSPECTION FREQUENCY: N/A

WORK ACCOMPLISHED: Tree removed from the southeast corner of the bridge.

LOAD RATING:

Idaho Transportation Department
Bridge Inspection Report

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Xref Structure Name:		District:	01

Maintenance Recommendations

Recommendation	Priority	Suggested Work Assignment
Clean and coat steel shell piles.	High	Local Agency
Clean bearing seats at both abutments.	Low	Local Agency
Replace pourable expansion joint sealant. Repair the missing steel angle armor nosing at piers 1 and 4.	High	Local Agency
Clean deck drains.	Low	Local Agency
Repair spalling in the south sidewalk over Pier 2.	High	Local Agency

Inspector's Signature: Anthony Jankowski Digitally signed by Anthony Jankowski Date: 2023.11.02 10:13:32 -06'00' 10/02/2023

Inspector Number and Name: 1031 - Tony Jankowski, Collins Engineers

Idaho Transportation Department
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Xref Structure Name:		District:	01

IDENTIFICATION

(1)State:	16 Idaho
(2)District:	District 1
(3)County:	017 Bonner
(4)Place Code:	Sandpoint
(5)Inventory Route:	151077850
(7)Facility Carried:	STC 7785;BRIDGE ST
(11)Milepoint: 0.042133	Agency Milepost: 100.040
(12)Base Hwy Network:	Not on Base Network
(13a)LRS Inventory Route:	
(13b)LRS Sub Route:	
(16)Latitude:	48° 16' 25.9"
(17)Longitude:	116° 32' 48.6"
(98)Border Bridge Code:	
(99)Border Bridge ID:	
Segment Code:	000816
Segment Under Rte:	
Segment Other Rte:	
Drawing Number:	13904
Project Key Number:	
Inspection Area:	911
MPO:	N/A

STRUCTURE TYPE AND MATERIALS

(43a/b)Main Span Material/Design:
5 Prestressed Concrete 4 Tee Beam

(44a/b)Approach Span Material/Design:

(45)No. of Spans Main Unit:	5
(46)No. of Approach Spans:	0
(107)Deck Type:	2 Concrete Precast Panel
(108a)Wearing Surface:	1 Monolithic Concrete
(108b)Membrane:	0 None
(108c)Deck Protection:	None

Deck Applications

CLASSIFICATION

(112)NBIS Length:	Long Enough
(104)Highway System:	0 Not on NHS
(26)Functional Class:	17 Urban Collector
(100)Defense Highway:	0 Not a STRAHNET hwy
(101)Parallel Structure:	No || bridge exists
(102)Direction of Traffic:	2 2-way traffic
(103)Temporary Structure:	
(105)Federal Lands Highway:	0 N/A (NBI)
(110)Design Natl Network:	0 Not part of natl netwo
(20)Toll Facility:	3 On free road
(21)Custodian:	City/Municipal Hwy Agenc
(22)Owner:	City/Municipal Hwy Agenc
(37)Historical Significance:	4 Hist sign not determin

GEOMETRIC DATA

(48)Maximum Span Length:	59.0 ft
(49)Structure Length:	301 ft
Total Length:	301 ft
(50a)Curb/Sidewalk Width Lt:	1.5 ft
(50b)Curb/Sidewalk Width Rt:	5.1 ft
(51)Width Curb to Curb:	26.5 ft
(52)Width Out to Out:	34.0 ft
(32)App Roadway Width:	27 ft
(33)Median:	0 No median
(34)Skew:	0°
(35)Structure Flared:	0 No flare
(10)Vertical Clearance:	99.99 ft
(47)Total Horiz Clearance:	26.5 ft
(53)Min Vert Clr Over Deck:	99.99 ft
(54a)Min Vert Underclr Ref:	N Feature not hwy or RR
(54b)Min Vert Underclr:	0.00 ft
(55a)Min Lat Underclr Ref Rt:	N Feature not hwy or RR
(55b)Min Lat Underclr Rt:	0.0 ft
(56)Min Lat Underclr Lt:	0.0 ft

LRS

Route ID:	00816AOH000
Measure:	0.042132956
Route ID Under Rte:	
Measure Under Rte:	
Route ID 2nd Rte Under:	
Measure 2nd Rte Under:	

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LOAD RATING

(31)Design Load:	5 MS 18 (HS 20)
(64)Operating Rating:	46 tons / HS25.6
(66)Inventory Rating:	27 tons / HS15.0
(70)Posting:	5 At/Above Legal Loads
(41)Posting Status:	A Open, no restriction

CONDITION

(58)Deck:	6 Satisfactory
(59)Superstructure:	6 Satisfactory
(60)Substructure:	5 Fair
(61)Channel/Protection:	7 Minor Damage
(62)Culvert:	N N/A (NBI)

AGE AND SERVICE

(27)Year Built:	1969
(106)Year Reconstructed:	
(42a)Type of Service On:	1 Highway
(42b)Type of Service Under:	5 Waterway
(28a)Lanes On: 2	(28b)Lanes Under: 0
(29)ADT:	7200
(30)Year of ADT:	2022
(109)Truck ADT:	0%
(19)Detour Length:	99 miles
Speed Limit:	15 MPH

APPRAISAL

(67)Structure Condition:	5 Above Min Tolerable
(68)Deck Geometry:	3 Intolerable - Correct
(69)Undrclear,Vert and Horiz:	N Not applicable (NBI)
(71)Waterway Adequacy:	9 Above Desirable
(72)Approach Alignment:	7 Above Min Criteria
(36)Traffic Safety Features:	
(a)Bridge Rail:	0 Substandard
(b)Transition:	0 Substandard
(c)Approach Rail:	0 Substandard
(d)Approach Rail Ends:	0 Substandard
(113)Scour Critical:	8 Stable Above Footing

PROPOSED IMPROVEMENTS

(75a)Type of Work:	31 Repl-Load Capacity
(75b)Work Done By:	1 Contract
(76)Length of Improvement:	335 ft
(94)Bridge Improvement Cost:	$3,206,000
(95)Rdwy Improvement Cost:	$321,000
(96)Total Project Cost:	$4,809,000
(97)Year of Cost Estimate:	2019
(114)Future ADT:	10800
(115)Year of Future ADT:	2042
YEAR PROGRAMMED:	

NAVIGATION DATA

(38)Navigation Control:	Permit Required
(39)Vertical Clearance:	14.5 ft
(40)Horizontal Clearance:	54.0 ft
(111)Pier Protection:	1 Not Required
(116)Lift Bridge Vert Clr:	

ENVIRONMENTAL

Environmental Concerns: No

INSPECTION

(90)Inspection Date: 10/2/2023 (91)Inspection Frequency: 24 months

(92)Supplemental Inspections Frequency:

(a)Fracture Critical Detail:	NA
(b)Underwater Inspection:	60 months
(c)Fatigue Detail (OS) Inspection:	NA
(d)In-Depth Inspection:	NA
(e)Confined Space Inspection:	NA

(93)Date of Inspections:

(a)FC Inspection Date:	
(b)UW Inspection Date:	10/1/2021
(c)Fatigue Detail (OS) Date:	
(d)In-Depth Date:	
(e)Confined Space Date:	

Channel Cross Section Year:

Equipment Needed: None

Idaho Transportation Department
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WEARING SURFACE and DEAD LOAD INFORMATION

Asphalt:	0.0 *inches*	**Concrete:**	5.0 *inches*
Granular:	0.0 *inches*	**Timber:**	0.0 *inches*

POSTING INFORMATION

WEIGHT

Load Analysis Date:	11/28/2017	Bridge Factor:	739
Load Analysis Required:	N Analysis Complete	Route Color:	Blue

	Load Rating Analysis IR (tons)	OR (tons)		Recommended Posting(tons)	Actual Posting(tons)
H Truck					
HS Truck	27	46			
Type3	25	42	**Type3**		
Type 3S2	35	59	**Type 3S2**		
Type 3-3	35	59	**Type 3-3**		
			Axle Limit		

HEIGHT

	Recommended	Actual
Height Posting:		

ACTUAL WIDTH POSTING

Single Lane All Vehicles:	N
Single Lane Trucks/Buses:	N

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Approach looking west.

Overall looking northwest.

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Upstream looking north.

Downstream looking south.

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West abutment and underside looking west.

East abutment and underside looking east.

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Typical pier looking west.

Underside of the bridge.

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Undermining due to erosion of the west abutment looking west.

Undermining due to erosion of the west abutment looking southwest.

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Crack in pier cap 1 looking east.

(CS 3) Typical spalling and delamination in the underside of the top flange.

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(CS 3) Typical spalling efflorescence in the underside of the top flange.

Typical cracking in the girder fillets and top flange.

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Typical longitudinal crack in the overlay.

Large spall in the sidewalk over pier 2.

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1/4 inch wide transverse crack in the concrete overlay looking north.

Joint at the west abutment looking north.

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Bridge Key:	30110	Structure Name:	97785A 100.07
(6)Features Intersected:	SAND CREEK	(9)Location:	IN SANDPOINT;BRIDGE ST
Facility Carried(Route):	STC 7785;BRIDGE ST	Admin Jurisdiction:	1727 City of Sandpoint
Xref Structure Name:		District:	01

(CS 4) Damage to the joint over pier 1 looking north.

(CS 4) Joint with adhesion failure over pier 2 looking north.

Idaho Transportation Department
Bridge Inspection Report

Bridge Key:	30110	Structure Name:	97785A 100.07
(6)Features Intersected:	SAND CREEK	(9)Location:	IN SANDPOINT;BRIDGE ST
Facility Carried(Route):	STC 7785;BRIDGE ST	Admin Jurisdiction:	1727 City of Sandpoint
Xref Structure Name:		District:	01

(CS 4) Joint with adhesion failure over pier 3 looking north.

(CS 4) Damage to the joint over pier 4 looking north.

Idaho Transportation Department
Bridge Inspection Report

Bridge Key:	30110	Structure Name:	97785A 100.07
(6)Features Intersected:	SAND CREEK	(9)Location:	IN SANDPOINT;BRIDGE ST
Facility Carried(Route):	STC 7785;BRIDGE ST	Admin Jurisdiction:	1727 City of Sandpoint
Xref Structure Name:		District:	01

Joint over the east abutment looking north.

No: 24-
Date: August 21, 2024

RESOLUTION
OF THE CITY COUNCIL
CITY OF SANDPOINT

TITLE: BRIDGE STREET BRIDGE REHABILITATION PROJECT DESIGN AND AUTHORIZATION TO ADVERTISE FOR CONSTRUCTION BIDS

WHEREAS: Built in 1969, Sandpoint's Bridge Street Bridge over Sand Creek, connecting downtown Sandpoint to City Beach and the Lake Water Treatment Plant, is now 55 years old;

WHEREAS: The Idaho Transportation Department (ITD) conducts biennial inspections of the bridge to ensure public safety in line with the National Bridge Inspection Standards (NBIS), with these inspections including repair recommendations, load ratings, and decisions on load postings and closures for deficient bridges;

WHEREAS: The City's 2021 Multimodal Transportation Master Plan (MTMP) identifies the bridge as functionally obsolete and in need of replacement, estimating a $6,000,000 Capital Improvement Project for this purpose;

WHEREAS: With the need to seek funding opportunities for this project and anticipating that it may take years to fund, in 2023 the City engaged Keller Associates to prepare a Feasibility Plan to assess and recommend rehabilitation work needed over the next 10 years;

WHEREAS: Although the substructure of the bridge is currently rated in Fair Condition, based on the deterioration of the steel shell piles at each pier, it is expected to remain stable until 2026 before being issued a Poor Condition rating, defined as "advanced section loss, deterioration, spalling or scour";

WHEREAS: Without repair, the bridge's load rating would be reduced, and load restrictions could be imposed by ITD, with the Feasibility Plan recommending protective measures to maintain the capacity of the steel shell piles; and

WHEREAS: This project will apply a protective coating to preserve the bridge's pile piers and cross bracing and prevent further deterioration, as recommended in the Feasibility Plan, and will be bid according to Idaho Code § 67-2805A, with construction budgeted for FY2025, pending City Council approval, and construction expected to begin in late fall 2025.

NOW THEREFORE BE IT RESOLVED THAT: The Bridge Street Bridge Rehabilitation Project design is hereby approved, and City staff is authorized to finalize the construction documents and advertise the project for bids, as presented at the August 21, 2024, City Council meeting.

_____
Jeremy Grimm, Mayor

ATTEST:

_____
Melissa Ward, City Clerk

AGENDA REPORT

City Council Meeting

TODAY'S DATE: August 12, 2024

MEETING DATE: August 21, 2024

TO: MAYOR AND CITY COUNCIL

FROM: Holly Ellis, Construction Manager

SUBJECT: Award Agreement No. A24-3456-6 – Little Sand Creek Plant Discharge Pond Cleaning Services to Big Sky Industrial Services

DESCRIPTION/BACKGROUND:

The Little Sand Creek Water Treatment Plant (LSCWTP) is one of two drinking water treatment plants in Sandpoint. Located along Schweitzer Mountain Road, the LSCWTO is capable of producing over 3 million gallons a day, or about 1/3 of the city's total water demand. This conventional water treatment plant filters water through a sand filter. The sand filters are periodically cleaned by backwashing with air and water. The backwash water then flows to a pond outside the treatment facility before being returned to Little Sand Creek.

The discharge pond was originally designed with a certain volume to settle out solids from the backwash process and to ensure adequate retention and contact time for disinfection. Over time, the discharge pond has filled with sediment and become less effective. The pond now requires maintenance and cleaning to be returned to its original dimensions and purpose.

On April 6, 2022, City Council approved the solicitation for proposals for services to clean the Little Sand Creek discharge pond. The City held a non-mandatory pre-solicitation conference on site and four contractors were in attendance. The City ultimately received two proposals for these services. Staff evaluated the proposals based upon the scoring criteria established and published within the RFP. The highest scoring proposal was Big Sky Industrial Services.

STAFF RECOMMENDATION:

Staff recommends City Council consider awarding Agreement No. A24-3456-6 – Little Sand Creek Discharge Pond Cleaning Services to Big Sky Industrial Services in the amount of $179,961.00.

ACTION:

Staff asks city Council to award Agreement No. A24-3456-6 – Little Sand Creek Discharge Pond to Big Sky Industrial Services in the amount of $179,961.00.

WILL THERE BE ANY FINANCIAL IMPACT? YES HAS THIS ITEM BEEN BUDGETED? YES

ATTACHMENTS:

1. Proposed Resolution
2. A24-3456-5 – Big Sky Industrial Services – Little Sand Creek Discharge Pond Cleaning Services Agreement

No: 24-
Date: August 21, 2024

RESOLUTION
OF THE CITY COUNCIL
CITY OF SANDPOINT

TITLE: AWARD OF CONTRACT FOR LITTLE SAND CREEK WATER TREATMENT DISCHARGE POND CLEANING SERVICES (CITY AGREEMENT A24-3456-6)

WHEREAS: Located along Schweitzer Mountain Road, the Little Sand Creek Water Treatment Plant is one of two drinking water treatment plants in Sandpoint;

WHEREAS: The Little Sand Creek plant is capable of producing over 3 million gallons per day, or about 1/3 of the City's total water demand, using a conventional water treatment plant that filters water through sand filters, which are periodically cleaned by backwashing with air and water, with the backwash water flowing to a discharge pond outside the treatment facility before being returned to Little Sand Creek;

WHEREAS: The pond was originally designed with a certain volume to settle out solids from the backwash process and to ensure adequate retention and contact time for disinfection, over time filling with sediment and becoming less effective, where it now requires maintenance and cleaning to be returned to its original dimensions and purpose;

WHEREAS: On April 6, 2022, City Council approved the solicitation of proposals for services to clean the pond, followed by advertisement of the solicitation and a non-mandatory pre-solicitation on-site tour with several contractors in attendance; and

WHEREAS: At the time of the deadline for proposal submittal, the City received two proposals for these services, with staff determining that Big Sky Industrial Services was the lowest responsive bidder.

NOW, THEREFORE, BE IT RESOLVED THAT: The Little Sand Creek Water Treatment Plant discharge pond cleaning services agreement, a copy of which is attached hereto and made a part hereof as if fully incorporated herein, is hereby approved and awarded to Big Sky Industrial Services in the amount of $179,961.00.

BE IT FURTHER RESOLVED THAT: As provided in the Procurement Process and Signature Authority Policy for Goods, Services, and Construction and further outlined in the City of Sandpoint Procurement Policy, on behalf of the City, the Mayor or authorized designee is authorized to execute the agreement as set forth above.

_____
Jeremy Grimm, Mayor

ATTEST:

_____
Melissa Ward, City Clerk

AGREEMENT FOR LITTLE SAND CREEK WATER TREATMENT PLANT DISCHARGE POND CLEANING SERVICES BETWEEN THE CITY OF SANDPOINT AND BIG SKY INDUSTRIAL SERVICES

This Agreement is made and entered into this August 21, 2024, by and between the City of Sandpoint, a public body corporate and politic (hereinafter the "CITY"), and Big Sky Industrial Services, a State of Washington Limited Liability Corporation, (hereinafter called the "CONTRACTOR"). The CITY and the CONTRACTOR are sometimes referred to herein as a "party" or "parties."

RECITALS

WHEREAS, the CONTRACTOR represents that CONTRACTOR has the expertise and is qualified to perform discharge pond cleaning services, as provided for in this Agreement; and

WHEREAS, the CITY and the CONTRACTOR have determined it is in their mutual interest to enter into this Agreement for the provision of such discharge pond cleaning services, subject to the terms and conditions provided herein.

NOW THEREFORE, the CITY and the CONTRACTOR, in consideration of the payments, covenants and conditions hereinafter set forth, hereby agree as follows:

1. DESCRIPTION OF SERVICES

1.1 The CONTRACTOR shall provide discharge pond cleaning services at the Little Sand Creek Water Treatment Plant as described in Exhibit A, Scope of Services, and perform and complete all such services in a manner satisfactory to the CITY. Approval of the work performed by the CONTRACTOR shall be made by the City's Construction Manager/designee, who shall oversee this Agreement on behalf of CITY. All services required under this Agreement shall be performed by the CONTRACTOR, or under the CONTRACTOR'S direct supervision, and all personnel shall possess the qualifications, permits, and licenses required by State and/or Local law to perform such services. The CONTRACTOR shall be solely responsible for the satisfactory work performance of all personnel engaged in performing services required by this Agreement, and for compliance with all reasonable performance standards established by the CITY.

1.2 The CONTRACTOR shall not accept any change to the scope, or change in provisions if this Agreement, unless issued in writing, as an amendment or change order by the CITY.

1.3 The CONTRACTOR agrees to possess a CITY Business License as required by Title 3 of City Code, prior to commencement of any services under the term of this Agreement and maintain such license throughout the term of the Agreement. The CONTRACTOR further agrees to keep and maintain any and all required local, state, and federal licenses and/or certifications to perform work and provide services as described within this Agreement. If requested, the CONTRACTOR shall provide written proof of such licenses and/or certifications to the CITY for all times when it is performing services under this Agreement.

2. SUPERVISION OF PERSONNEL AND SUBCONTRACTORS

2.1 The CONTRACTOR warrants that nothing contained in this Agreement shall be construed as creating an employment relationship between the CONTRACTOR, or any of its employees, agents or assigns and the CITY, it being understood by the parties that each employee, agent or assign of the CONTRACTOR providing services hereunder shall at all times relevant to this Agreement be and remain an employee, agent or assign of the CONTRACTOR, which shall be exclusively responsible for providing all compensation, benefits, payment of and reporting of all employment or income taxes, if any, insurance, discipline, supervision, and direction for each such individual during the full term of this Agreement.

2.2 Use of SubContractors must be approved by CITY. CONTRACTOR to provide CITY name(s) of any and all sub-contractors. Sub-Contractors required to provide and maintain same required insurance liability coverages and amounts as CONTRACTOR and as outlined in this Agreement and provide proof of insurance to CITY naming CITY as Additional insured on all such policies. Sub-Contractors to acquire and/or maintain a CITY of Sandpoint Business License throughout the term of this Agreement.

3. INDEMNIFICATION

The CONTRACTOR shall indemnify and hold the CITY, its officials, officers, employees, agents and assigns, harmless from and/or against any and all claims, damages, and liabilities (including reasonable attorney's fees) that may be suffered or incurred or that arise as a result of and which are caused by the CONTRACTOR'S wrongful acts or omissions in the performance of its duties under this Agreement. This indemnification does not apply when such claims, damages, and liabilities are the result of negligent acts, errors, omissions or fault on the part of the CITY, its officials, officers, employees, agents or assigns. Nothing contained in this indemnification provision shall waive, in any manner, the limits of liability provided to the CITY specified in Idaho Code §6-901 through 6-929, known as theIdaho Tort Claims Act.

5. BONDS AND LICENSE REQUIREMENTS:

5.1 The CONTRACTOR and any Sub-CONTRACTOR shall acquire and/or maintain a City of Sandpoint Business License as required in City of Sandpoint Municipal Code prior to the commencement of services.

5.2 PERFORMANCE BOND. CONTRACTOR shall secure a Performance Bond in an amount equal to 100% of the Contract Price. The bonding company must be licensed to do business in the State of Idaho.

5.3 PAYMENT BOND. CONTRACTOR shall be required to secure a Labor and Materials Payment Bond in an amount equal to 100% of the Contract Price if using a sub-contractor to perform services as provided for under this Agreement. The bonding company must be licensed to do business in the State of Idaho.

4. INSURANCE:

At all times material hereto, the CONTRACTOR shall keep and maintain a policy or policies of insurance covering losses resulting from general liability, personal injury and property loss, in amounts no less than $1,000,000.00 per claim and $2,000,000.00 in the aggregate, for any losses sustained as a result of performance of its duties and responsibilities under this Agreement, naming the CITY as an additional insured on each such policy or policies of insurance. The CONTRACTOR shall provide the CITY with proof of such insurance for the entire term of this Agreement. The CONTRACTOR shall also keep and maintain an automobile insurance policy or policies for each of its employees, in the same amounts stated above, insuring against losses related to operation of its vehicles in performance of its duties under this Agreement, naming the CITY as an additional insured on each such policy or policies. All employees of the CONTRACTOR are deemed its employees only, and CONTRACTOR shall be responsible for carrying proper Workers' Compensation coverage on any such employees. Proof of automobile insurance coverage and Workers' Compensation coverage shall also be provided to the CITY for the entire term of this Agreement.

CONTRACTOR shall keep and maintain Pollutions Liability coverage in amounts no less than $1,000,000.00 for any losses sustained as a result of performance of its duties and responsibilities under this Agreement, naming the CITY as an additional insured on each such policy of insurance.

Sub-Contractors required to keep and maintain the same CONTRACTOR insurance requirements as outlined within this Section of the Agreement.

5. PROJECT APPROVAL AND DOCUMENTATION

5.1 All services performed by the CONTRACTOR shall be reviewed and approved by the City's Construction Manager/designee to determine acceptable completion.

5.2 All equipment, materials, parts, and other components incorporated in the work or services performed pursuant to this Agreement shall be of the most suitable grade for the purpose intended. All work shall be performed in a skilled and workmanlike manner.

6. PRICE AND PAYMENT

6.1 The CITY shall pay the CONTRACTOR a not to exceed amount of **$179,961.00 (one hundred seventy nine thousand nine hundred sixty-one Dollars)** for the completion of all services described within this Agreement. This not to exceed amount shall include all costs or expenses incurred by the CONTRACTOR in performance of its services under this Agreement and as outlined in Exhibit B, Fee Schedule.

6.2 The CONTRACTOR shall submit an itemized invoice performed under this Agreement as outlined in Exhibit B, Fee Schedule, which shall be paid no sooner than thirty (30) after receipt by the CITY.

7. TERM

This Agreement shall commence on August 22, 2024 and services shall be completed no later than October 18, 2025.

8. TERMINATION

8.1 The CITY or CONTRACTOR may terminate this Agreement for its sole convenience with ten (10) days' written notice. Upon termination, the CONTRACTOR shall immediately cease any and all work and surrender to the CITY any and all finished or unfinished documents, processes, programs, and any other supplies or materials, which shall immediately become the property of the CITY. As compensation in full for services performed to the date of such termination, the CONTRACTOR shall receive an amount equal to the value of the work completed as of the termination date, as agreed upon and negotiated by both

parties but in no event shall the amount payable upon termination exceed the total maximum compensation provided for in this Agreement.

8.2 Should the CITY determine that the CONTRACTOR has failed to supply an adequate work force to provide services of satisfactory quality, or has failed in any other respect to perform the services or any of its obligations under this Agreement, then the CITY shall give written notice to CONTRACTOR, specifying all such defaults, to be remedied within ten (10) days from the date of such notice. If, after ten (10) days, the CONTRACTOR has failed to implement appropriate corrective measures, the CITY may elect to terminate this Agreement.

8.2.1 In the event the CITY terminates this Agreement as provided for in this Section 8.2, the CONTRACTOR shall immediately cease any and all work and surrender to the CITY any and all finished or unfinished documents, processes, programs, and any other supplies or materials within fifteen (15) working days after notice of termination which shall immediately become the property of the CITY. As compensation in full for services performed to the date of such termination, the CONTRACTOR shall receive an amount equal to the value of the work completed as of the termination date, as agreed upon and negotiated by both parties but in no event shall the amount payable upon termination exceed the total maximum compensation provided for in this Agreement.

8.2.2 In the event the CITY terminates this Agreement as provided for in Section 8.2, it may seek any other remedies available to it in law or equity arising out of the CONTRACTOR'S failure to fully perform all of its obligations hereunder.

9. COMPLIANCE WITH LAW/VENUE

The CONTRACTOR shall comply with all federal, state, and local laws governing performance of its obligations under this Agreement. The jurisdiction/venue for any action arising out of performance of this Agreement, or interpretation of its terms and conditions, shall be in the District Court in the First Judicial District of the State of Idaho, Bonner County.

10. NON DISCRIMINATION

10.1 The CITY, in accordance with Title VI of the Civil Rights Act of 1964 (42 U.S.C. 2000d to 2000d-4), and associated regulations, as well as Sandpoint City Code, hereby notifies the CONTRACTOR and any

subcontractor that it shall not discriminate against any applicant or employee on the grounds of race, color, national origin, or sex, sexual orientation, or gender identity/expression.

10.2 The CONTRACTOR and any subcontractors shall, in all solicitation or advertisements for employees placed by them or on their behalf, state that all qualified applicants will receive consideration for employment without regard to race, religion, color, sex, sexual orientation, gender identity/expression, age or national origin.

11. SUPERSEDING AGREEMENT AND SEVERABILITY

This Agreement supersedes and replaces any pre-existing written or verbal agreements between these parties. If any provision of this Agreement is held to be unenforceable, such provision shall be excluded without affecting the remaining terms and provisions contained herein.

12. ATTORNEY FEES

Reasonable attorney fees and costs shall be awarded to the prevailing party in any action to enforce or interpret this Agreement, or to declare a termination or forfeiture thereof.

In Witness Whereof, the parties hereto have caused this Agreement to be executed and attested by their respective officers or representatives thereunto duly authorized.

CITY OF SANDPOINT	**BIG SKY INDUSTRIAL SERVICE**
1123 Lake Street **Sandpoint, Idaho 83864**	
_____	_____
Jeremy Grimm Mayor	Date
	Date

EXHIBIT A
SCOPE OF SERVICES

Services performed by CONTRACTOR under the terms of this Agreement include:

Contractor shall remove all sediment, debris, and unwanted vegetation within the Little Sand Creek Water Treatment Plant's discharge pond. It's estimated that the pond has approximately 400 cubic yards of silt material for removal.

1) Mobilization-(2) Hydro Vacuum Trucks, Support Equipment (Pumps, Safety, tooling), Pipe, hose, (3) 21,000 GL liquid storage tanks for any possible water storage.
   Upon start-up it would be requested to shut off the daily discharge into the lagoon for water to continue to drain out and dewater as much as possible naturally through the current discharge structure that is in place. Any additional water if required to remove would be pumped into our owned 21,00091 tanks on the road wide spot through small pumps and double contained piping over the stream. No equipment will be used for stream crossing. Approx 3 days for set up and any pumping.

2) Vacuum and sludge removal- After the majority of the water is removed vacuum operations will begin. We utilize Hydrovac Trucks with the appropriate vacuum, CFM, and water jetting capabilities. Remote hose would be used and double contained over the stream envelope. 2 trucks would be utilized to maximize vacuum time when loads are being dumped. Final completion of substantial material removed would have to be directed by the City of Sandpoint. Approximately 2 weeks of vacuum operations. Dump site is in a lined pit at Woods Crushing & Hauling.

3) DeMobilization- Any water that was necessary to store from the initial start up would be filtered and pumped back into the pond at a low rate for turbidity control, as to comply with the City's current discharge permit. The City will report these discharges with its regular monthly discharge monitoring report. Hose/pipe would be double contained over the stream envelope. All Pipes/hose removed and all equipment demobilized.

EXHIBIT B
FEE SCHEDULE

Fee for services as described in Exhibit A, Scope of Services, is not to exceed $179,961.00.

CONTRACTOR to supply all labor, materials, and equipment to complete the work described within this Scope of Work. CONTRACT PRICE amount is not to exceed $179,961.00 to complete all work as described within this Scope of Work. Mobilization LUMP SUM amount includes all costs, taxes, licenses, and fees. Contractor will perform the following Work indicated unit prices:

Description	Unit	Estimated Quantity	Unit Price	Price
Mobilization	Per Lump Sum (LS)	1	$29,721.00	$29,721.00
Sediment removal - 7CYD Truck Haul away	Per Each (EA)	80	$1,878.00	$150,240.00
			TOTAL	$179,961.00

AGENDA REPORT

City Council Meeting

TODAY'S DATE: August 13, 2024

MEETING DATE: August 21, 2024

TO: MAYOR AND CITY COUNCIL

FROM: Erik Bush PLA, City Forester, Construction Manager

SUBJECT: Approve the Amendment to City Code Title 7 Chapter 15- Urban Forestry and Title 2 Chapter 11- Urban Forestry Commission.

DESCRIPTION/BACKGROUND:

On January 30th, 2024, it was announced at Council that Mayor Grimm was opening the Urban Forestry Commission and was inviting citizens to apply. The current Urban Forestry Ordinance references the former makeup of the citizen advisory group as a "committee". The ordinance updates reflect the establishment of a new Urban Forestry Commission and the creation of Title 2 Chapter 11. Additionally, the ordinance has been updated to reflect the qualifications required to be appointed a member of the commission and defines the responsibilities of the commission.

STAFF RECOMMENDATION:

Staff recommends the adoption of the ordinance updates for Title 7 chapter 15 and the creation of Title 2 Chapter 11.

ACTION:

Move to approve the ordinance updates for Title 7 chapter 15 and Title 2 Chapter 11 of City Code.

WILL THERE BE ANY FINANCIAL IMPACT? NO **HAS THIS ITEM BEEN BUDGETED?** N/A

ATTACHMENTS:

Ordinance Update Title 7 Chapter 15 and Title 2 Chapter 11.

ORDINANCE NO. ____

AN ORDINANCE OF THE CITY OF SANDPOINT, A MUNICIPAL CORPORATION OF THE STATE OF IDAHO, AMENDING SANDPOINT CITY CODE TITLE 7, CHAPTER 15, URBAN FORESTRY, AND AMENDING SANDPOINT CITY CODE TITLE 2, WITH THE ADDITION OF A NEW CHAPTER 11, URBAN FORESTRY COMMISSION, PROVIDING FOR REPEAL AND SEVERABILITY, AND PROVIDING FOR PUBLICATION AND AN EFFECTIVE DATE.

WHEREAS: The Sandpoint Tree Committee has served in an advisory role to the Sandpoint Mayor, City Council and City staff and has accomplished important work for the community over the course of the existence of this board;

WHEREAS: Through community visioning and an inclusive planning process, including City officials, arborists, tree care professionals and natural resources professionals, councils, and citizens, the City, with the assistance of its professional consultants, has developed a master plan for Urban Forestry in Sandpoint as a strategy to support economic development, tourism, quality of life goals, maintaining and enhancing ecosystem services, and stakeholder awareness of the benefits of urban forests;

WHEREAS: In November 2022, under Resolution 22-068, Sandpoint City Council adopted the Sandpoint Urban Forestry Management Plan ("UFMP"), which provides a vision and framework for local action to enhance the community's Urban Forest, including guidance and a recommendation for the creation of a new citizen advisory board dedicated to the Urban Forest in Sandpoint; and

WHEREAS: The Sandpoint City Council hereby finds that it is in the public interest to create a new Urban Forestry Commission to build upon the good work performed by the prior Tree Committee and as recommended in the UFMP to assist the Mayor and City Council in carrying out their responsibilities and desire to preserve and enhance Sandpoint's Urban Forest.

NOW THEREFORE, BE IT ORDAINED by the Mayor and City Council of the City of Sandpoint:

ORDINANCE SECTION 1 – AMENDMENT TO CITY CODE 7-15-3

Sandpoint City Code 7-15-3, DEFINITIONS, after and following the definition for "TREE" through the end of definitions for this chapter, is hereby amended as follows:

TREE COMMITTEE: ~~An advisory committee appointed by the mayor and approved by the city council to assist the city in the management of its community forest~~See "Urban Forestry Commission".

TREE LAWN: The area within the right of way easement, generally the lawn between the curb and sidewalk; also known as the "parking or planting strip".

TREE PRESERVATION ZONE OR TPZ: A circle surrounding the target tree with a radius of one foot (1') for every one inch (1") diameter of tree, measured six inches (6") up from soil level.

TREE SERVICE: Commercial services provided for trees, including, but not limited to: planting, removal, pruning or engaging in technical arboricultural practices.

TREE STANDARDS: The set of specifications concerning the planting, care and maintenance of trees as found in the arboricultural specifications and standards guide for the city of Sandpoint.

URBAN FORESTRY COMMISSION: A citizen advisory board appointed by the mayor and approved by the city council to assist the city in the management of its community forest. When reference is made to “tree committee” within city code or city policies, programs or plans, that term is the same as and interchangeable with “urban forestry commission”.

VEGETATION MANAGEMENT PLAN: A comprehensive plan adopted by resolution of the city council, addressing the long term goals and strategic planning related to tree planting, pruning, removal and maintenance needs of community trees to encourage the sustainability of the urban forest.

ORDINANCE SECTION 2 – AMENDMENT TO CITY CODE 7-15-5

Sandpoint City Code 7-15-5, CREATION AND ESTABLISHMENT OF TREE COMMITTEE, is hereby amended as follows:

7-15-5: ~~CREATION AND ESTABLISHMENT OF TREE COMMITTEE~~URBAN FORESTRY COMMISSION:

~~A. Committee Composition: A committee of five (5) to nine (9) persons shall be appointed by the mayor with the consent of the city council to serve three (3) year appointments with staggered terms. At least a majority of the committee shall be residents of the city of Sandpoint. Further, at least a majority shall have experience and expertise in arboriculture or disciplines such as public administration, horticulture, parks and recreation or landscape design. Further, one member shall be a representative of the predominant organization representing downtown businesses. The city forester shall serve as staff representative without voting privileges. A council member shall be appointed to serve as council liaison without voting privileges. Vacancies are filled by appointment to unexpired terms in the same manner. Committee members may be removed without cause by majority vote of the full city council. Members shall serve without compensation.~~

~~B. Committee Functioning: The Sandpoint tree committee shall elect a chair, vice chair, and secretary from within its membership, shall hold regular public meetings as required by the chair, at least quarterly, and shall cause the secretary to maintain a written record of its deliberations and proceedings. A quorum shall consist of a majority of the members.~~

~~C. Committee Responsibility:~~

~~1. The Sandpoint tree committee shall be advisory in nature with the purpose of providing advice to the mayor and council and city forester as to the preservation,~~

~~protection and management of the community forest of the city, in accordance with the intents and purposes of this chapter.~~

~~2. The Sandpoint tree committee may review all manuals, plans and policies of the city relating to the community forest and make recommendations to the city council.~~

~~3. When the Sandpoint tree committee has recommendations which require city council action, such recommendations shall be added to the agenda for the next city council meeting.~~

~~4. The Sandpoint tree committee will help develop and implement educational materials and programs addressing community forestry issues, including, but not limited to, participation in Arbor Day programs.~~

~~5. The Sandpoint tree committee will hear appeals as provided by this chapter.~~

~~D. Coordination and Communication: The Sandpoint tree committee will coordinate its activities regarding public trees by communicating with the Sandpoint parks and recreation director or his or her designee.~~

~~E. Funding: The Sandpoint tree committee shall recommend an annual budget to the city council. The Sandpoint tree committee is authorized to seek outside funding for its projects as may be approved by the council in accordance with city budgetary procedures~~ A citizen advisory board known as the Urban Forestry Commission shall be created and established under Sandpoint City Code Title 2, Boards and Commissions.

ORDINANCE SECTION 3 – NEW CHAPTER 11 UNDER TITLE 2

Sandpoint City Code Title 2 is hereby appended with the addition of a new Chapter 11, Urban Forestry Commission, as follows:

2-11-1: CREATION AND ESTABLISHMENT OF URBAN FORESTRY COMMISSION:

This chapter hereby creates and establishes a city of Sandpoint citizen advisory board known as the Urban Forestry Commission (hereinafter “commission”).

2-11-2: PURPOSE:

The purpose of the commission is to assist the city in the management of its community forest, as directed and guided by Chapter 15 of Title 7, Sandpoint City Code, pertinent provisions of Idaho Code, and the Sandpoint Urban Forestry Management Plan and other similar city of Sandpoint adopted plans and policies, as outlined in greater detail herein, under the duties and responsibilities section of this chapter.

2-11-3: MEMBERSHIP, ORGANIZATION, AND MEETINGS:

A. The commission shall consist of no fewer than three and no more than five voting members, to be appointed by the Mayor and confirmed by City Council, comprised of two industry professionals with professional experience and expertise in arboriculture or urban forestry, one member with secondary education or professional experience in natural sciences, one member from a local electrical utility, and one local business owner or employee of a related profession in natural resources or forestry management. The mayor shall endeavor to appoint at least two members who have International Society of

Arboriculture (ISA) credentials. Within the confines of the foregoing membership criteria, the mayor shall strive to appoint residents of the city of Sandpoint whenever possible. The members of the commission shall be selected without regard to political affiliation and shall serve without compensation.

B. To ensure that all terms do not expire at the same time, initial appointments shall be made as follows: One or two one-year terms; one or two two-year terms; and one or two three-year terms. Thereafter, each new appointment shall be made for a three-year term. Commissioners may be reappointed to serve additional terms. With the exception of ISA-credentialed members, members shall be limited to two full three-year terms. Vacancies shall be filled by the mayor, confirmed by the city council, with the new, replacement member appointed to serve the remainder of the unexpired term.

C. Ex officio, non-voting members may include a council member, as well as the city's urban forester or other city staff member designated by the mayor to serve as a staff liaison, and a staff member designated to serve as board clerk. Ex officio members shall hold office corresponding with their respective tenures in elected office or regular city administrative positions and may be removed and replaced by the mayor.

D. At the initial meeting of the commission, then at the first meeting each fiscal year or as soon thereafter as practicable, the members of the commission shall meet and organize to elect a chairperson and vice chairperson. The chairperson shall preside at meetings of the commission. The vice chairperson shall, when the chairperson is absent, perform the duties of the chairperson. A majority of the appointed members of the commission shall be necessary to constitute a quorum and conduct any business at any commission meeting.

E. The commission shall strive to hold one meeting per month on a regular schedule, with meetings held at least quarterly. The commission's meetings are public meetings, which must be held in compliance with the Idaho Open Meetings Law. The city's parliamentary procedure, adopted under City Code Title 1, Chapter 5, shall be referenced and utilized as needed, and the commission shall strive to ensure adherence to the city's adopted Rules of Civility and Decorum at Public Meetings.

F. Any member of the commission may be removed with or without cause by the mayor with the consent of city council.

2-11-4: DUTIES AND RESPONSIBILITIES:

The commission shall advise and assist the mayor and city council and work in coordination with the city forester and/or designated city staff liaison to develop, coordinate and promote the maintenance, enhancement, and long-term viability of Sandpoint's urban forest. For the purposes of this ordinance, the boundaries of Sandpoint's Urban Forest are the same as Sandpoint's taxing district as defined by the Idaho State Tax Commission and recorded with Bonner County. In furtherance of these duties, the commission shall have the following objectives, in addition to all other powers, duties and responsibilities under the Sandpoint Urban Forestry Management Plan, Sandpoint City Code, and, as applicable, the provisions of Idaho Code Title 38, Forestry, Forest Products and Stumpage Districts:

- Foster community support for Sandpoint's urban forestry program, promoting advocacy to city council, business leaders, civic groups, and other stakeholders.
- Hold and/or participate in public outreach meetings and presentations, including training sessions to city residents and property owners to encourage proper tree planting, pruning, maintenance, and identification of common issues, and provide information regarding the selection, planting and maintenance of trees on public and private property.
- With the guidance and assistance of the city's forester, coordinate the city's annual Arbor Day program and other similar events.
- Identify and relay to the commission's staff liaison any possible grant or donation opportunities for review and consideration by city staff, and assist in the preparation of grant applications, as appropriate and as directed by city personnel.
- Annually, provide the city council with an analysis of urban forestry budget needs.
- Develop a program for city council consideration and adoption that will identify and maintain trees within the city that have significant historical, cultural, environmental or public significance.
- Develop, renew, and update the city's arboricultural manual, as needed.
- Review and recommend updates to the Sandpoint Urban Forestry Management Plan, as needed, along with other city plans and policies containing matters related to urban forestry, arboriculture, horticulture, and community values surrounding trees.
- Recommend urban forestry related amendments to City Code, as needed, and recommend, as appropriate and relevant, support of any relevant State legislation.

ORDINANCE SECTION 4 - REPEAL AND SEVERABILITY:

A. Any provision of the *Sandpoint City Code* found to be inconsistent with this Ordinance is hereby repealed.

B. Should any provision of this Ordinance be deemed unlawful or unconstitutional, such finding shall not affect the remaining provisions of this Ordinance.

ORDINANCE SECTION 5 – PUBLICATION AND EFFECTIVE DATE:

This Ordinance shall be in full force and effect from and after its passage, approval, and publication according to law.

PASSED AND ADOPTED AS AN ORDINANCE OF THE CITY OF SANDPOINT, IDAHO, AT A REGULAR SESSION OF THE SANDPOINT CITY COUNCIL ON _____, 2024.

_____
Jeremy Grimm, Mayor

Attest: _____
Melissa Ward, City Clerk

SUMMARY OF CITY OF SANDPOINT
ORDINANCE NO. ____
Urban Forestry Commission

AN ORDINANCE OF THE CITY OF SANDPOINT, A MUNICIPAL CORPORATION OF THE STATE OF IDAHO, AMENDING SANDPOINT CITY CODE TITLE 7, CHAPTER 15, URBAN FORESTRY, AND AMENDING SANDPOINT CITY CODE TITLE 2, WITH THE ADDITION OF A NEW CHAPTER 11, URBAN FORESTRY COMMISSION, PROVIDING FOR REPEAL AND SEVERABILITY, AND PROVIDING FOR PUBLICATION AND AN EFFECTIVE DATE.

Following is a summary of the provisions of Ordinance No. ____.

Ordinance Section 1 amends the definition of Tree Committee under City Code 7-15-3 and provides a definition for Urban Forestry Commission.

Ordinance Section 2 amends City Code 7-15-5 to remove references to and provisions for the creation and establishment of the Tree Committee and replace with reference to the creation and establishment of the Urban Forestry Commission under City Code Title 2.

Ordinance Section 3 amends City Code Title 2 with the addition of a new Chapter 11, providing for the creation and establishment of the Urban Forestry Commission and further providing for the Commission's purpose, membership, organization and meetings, and duties and responsibilities.

Ordinance Section 4 provides for repeal and severability.

Ordinance Section 5 provides for publication and an effective date.

This publication is a summary of the full Ordinance and is being published pursuant to Idaho Code Section 50-901A. This ordinance was passed and approved upon a proper roll call vote and duly enacted at a properly-noticed session of the Sandpoint City Council, held _____, 2024. The full text of the Ordinance is on file with the Sandpoint City Clerk and will be promptly provided during regular hours to any citizen on personal request.

Published once in the Legals section of the Bonner County Daily Bee on August 28, 2024.

STATEMENT OF LEGAL ADVISOR

I, Zachary Jones, legal advisor for the City of Sandpoint, Idaho, have examined the summary of the ordinance to be presented to the Sandpoint City Council on August 21, 2024, providing for amendments to City Code Title 7, Chapter 15, as well as Title 2 for establishment of the Urban Forestry Commission, and find it to be a true and complete summary of said ordinance, providing adequate notice to the public of the contents thereof.

Zachary Jones
City of Sandpoint Legal Advisor

AGENDA REPORT

City Council Meeting

TODAY'S DATE: August 12, 2024

MEETING DATE: August 21, 2024

TO: City Council

FROM: Maeve Nevins-Lavtar, Parks Planning & Development Manager; Cheryl Hughes, Contracts & Grants Manager

SUBJECT: Request to approve Change Order No. 6 and the sixth Amendment to Agreement No. A23-5300-5 with Ginno Construction Co. for CM/GC Services for Travers Park Renovations, Phase I Construction Services, due to unforeseen project circumstances and cost credits from value engineering project management decisions, resulting in a change to the Guaranteed Maximum Price.

DESCRIPTION/BACKGROUND: The City Council previously approved the following contract agreements with Ginno Construction:

- Agreement No. A23-5300-5 with Ginno Construction Co. for the Travers Park Renovation construction services on March 15, 2023 under Resolution 23-024,
- Change Order No. 2 on September 27, 2023 under Resolution 23-078,
- Change Order No. 3 on Feb. 2, 2024 under Resolution 24-009,
- Change Order No. 4 on May 1, 2024 under Resolution 24-027, and
- Change Order No 5 on Aug. 7, 2024 under Resolution 24-055.

Staff requests Council to approve **Change Order No. 6** and the **sixth Amendment** to Agreement No. A23-5300-5 for the following justifications:

1. **PCO-032 - CE#023-RFP_005: Playground & Landscaping Scope Reductions: ($2,513)**
   Justification: Credit provided for not installing playground equipment (credit amount of $10,513). Landscape allowance in budget was $100K, with that credit and VE revisions to the lowest landscape bidder's proposal, it resulted in a credit of $2,513 to the overall budget.

2. **PCO-036- CE#60: Delete Hose Bibs ($1,993.10)**
   Justification: Credit to remove hose bibs that were originally located in all restrooms. It was not required by code and this was removed for VE purposes. A utility sink with drain is located in the maintenance closet and will serve all maintenance purposes. Credit amount of $1,993.10.

3. **PCO-037 - CE#061_RFP_022: Parking Lot Revisions - $122,397.09**
   Justification for Additional Cost Request: The original plan for the parking lot included patching disturbed asphalt areas. However, due to significant unforeseen damage encountered during utility and skatepark storm drain installations, a revised approach is necessary. The over-excavation during these installations caused extensive damage, exceeding the scope that could be effectively managed through patching. Implementing the initial plan would create the following critical issues:

a) **Drainage Problems:** The damaged state of the parking lot would lead to improper drainage, resulting in surface water flowing directly into the new skatepark area. This not only hinders the skatepark's usability but also risks long-term structural issues, such as sediments clogging the new storm drain.
b) **ADA Compliance and Safety:** The uneven surface from patching would not meet ADA requirements for a safe and compliant route for individuals with disabilities, leading to compliance violations and safety risks for all users.
c) **Inevitable Reconstruction:** The extent of the damage suggests that patching would be a temporary fix. Within a year, a complete reconstruction of the parking lot would be necessary, incurring additional costs and potential disruptions to park operations.

To address these issues, we propose the following comprehensive solution:

- Complete removal of existing asphalt and sub-base material.
- Regrading to meet ADA requirements and enhance drainage.
- Resurfacing with new asphalt to ensure a safe, ADA-compliant, and durable surface, facilitating access from Pine Street into the park.

This approach will provide a long-term, quality solution that aligns with the project's standards and safeguards the functionality and safety of the parking lot and skatepark.

4. **PCO-039 - CE#065_RFP_005: Fire Requirements: $2,412.85**
   Justification: Additional cost request for fire requirements. Fire Safety required adding a fire draft stop every 10' vertically and horizontally where the new framing meets the Legacy fabric, and also adding 4 new sprinkler heads in an area that had a large void. This requirement was not identified during the initial plan review and wasn't determined to be a necessity until after the Fire Safety Building Inspection occurred.

CONTIGENCY FUNDING:
Contigency funds for all the above listed items are sourced from the interest funds acquired from the original Jim and Ginny Russell donation of $7.5 million. Note the current total of credits for this change order amount to $1150,019.10 (includes credits for landscaping allowance and no playground installation, noting the budget did fund the refurbishment of the old equipment to be reinstalled elsewhere). Additional credits are anticipated as the project continues towards completion.

For public park capital improvement projects in Idaho, the typical contingency amount generally falls within the range of **5% to 15% of the total project budget**. The exact percentage depends on various factors, including:

- **Project Complexity**: More complex projects may require a higher contingency to accommodate potential issues.
- **Scope of Work:** Larger, more comprehensive projects might necessitate a larger contingency.
- **Historical Data:** Contingencies can be influenced by past experiences and outcomes of similar projects.
- **Risk Assessment:** Higher risk projects often have higher contingencies to mitigate unforeseen circumstances.
    - **Low-risk projects** with a well-defined scope and fewer uncertainties might have a lower contingency rate, closer to 5%, which would amount to $400,000.
    - **High-risk projects** or those with a greater degree of complexity and potential challenges might require a higher contingency, closer to 15%, amounting to $1,200,000.

BUDGET OVERVIEW:
Change Order #6 includes the following scopes of work and fees:

1. PCO-032 - CE#023-RFP_005: Playground & Landscaping Scope Reductions: ($2,513)
2. PCO-036- CE#60: Delete Hose Bibs ($1,993.10)

3. PCO-037 - CE#061_RFP_022: Parking Lot Revisions $122,397.09
4. PCO-039 - CE#065_RFP_005: Fire Requirements: $2,412.85

Original Contract Amount: $20,000
Prior Approved Change Order #1: $26,500
Prior Approved Change Order #2: $4,190,000
Prior Approved Change Order #3: $3,046,839.35
Prior Approved Change Order #4: $86,703.15
Prior Approved Change Order #5: $19,121.09

Previous Approved Contract Amount: $7,389,163.59

Current Change Order #3 Amount: $120,303.84
New Contract Amount: $7,509,467.43

Cost Summary:

Other Project Costs: $549,146
Design, Construction Documents & Construction Admin. (Architects & Engineers): $463,832
Geotechnical Engineering & Inspections: $47,956
Survey & Misc.: $12,358
Innovia Foundation Contribute $25,000

Construction Costs: $7,509,467.43

Total Project Costs: $8,032,613.30
Original Project Budget Amount: $7,500,000
Total Contigency Amount Used: $563,118.94
Total Percentage of Contigency Amount Used: 7.01%
$414,161.85: Funded by interest funds from donation
$148,957.09: Funded by reallocated Parks CIP budget for items not identified in Building scope.

SCHEDULE:
The final phase 1 project schedule has not been increased due to changes. The substantial completion date for this contract is **December 16, 2024**. Construction remains very active with the canopy construction starting and the second layer of asphalt surfacing inside the building to be installed by end of this week.

A public information/project update page for all the Travers Park improvements at www.sandpointidaho.gov/living-in-sandpoint/current-projects.

STAFF RECOMMENDATION: Approve Change Order No. **6** and the **Sixth** Amendment to Agreement No. A23-5300-5 with Ginno Construction Co.

ACTION: Approve Change Order No. 6 and the Sixth Amendment to Agreement No. A23-5300-5 with Ginno Construction Co.

WILL THERE BE ANY FINANCIAL IMPACT? Yes **HAS THIS ITEM BEEN BUDGETED?** Yes

ATTACHMENTS:

Proposed Resolution with Change Order No. 6 and the Sixth Amendment to Agreement A23-5300-5
For Reference:
(All previous Agreements were omitted from packet due to size and are available upon request)
Agreement A23-5300-5 – Change Order No. 6

No: 24-
Date: August 21, 2024

RESOLUTION
OF THE CITY COUNCIL
CITY OF SANDPOINT

TITLE: SIXTH AMENDMENT AND CHANGE ORDER NO. 6 TO CONSTRUCTION MANAGER/GENERAL CONTRACTOR (CM/GC) AGREEMENT WITH GINNO CONSTRUCTION CO. FOR TRAVERS PARK RENOVATIONS, PHASE 1 (CITY AGREEMENT A23-5300-5)

WHEREAS: On September 16, 2020, the Sandpoint City Council adopted a Parks and Recreation Master Plan under Resolution 20-041, informed by a year-long planning and data gathering process that included several public workshops, focus groups, Council presentations, and a Sandpoint resident survey, which response was statistically significant and represented the resident population opinion, along with online surveys, which were open to both Sandpoint and surrounding Bonner County residents;

WHEREAS: The adopted Parks and Recreation Master Plan contained concept plans, including the Travers-Centennial-Great Northern Sports Complex;

WHEREAS: The concept for Travers Park identified an indoor tennis facility to be located at Travers Park;

WHEREAS: On March 16, 2022, by way of donation agreements approved by City Council under Resolutions 22-013 and 22-014, the City of Sandpoint accepted a gift of $7.5 million from James A. Russell and Ginny Russell in honor of James E. Russell for the public purpose of the professional design and construction of a court sports facility and adjacent gateway plaza in the Travers-Centennial-Great Northern Sports Complex, along with a gift of two commissioned bronze sculptures from Ann M. Hargis and H. Denny Liggitt IV for placement at the gateway plaza at the entrance to Travers Park and the James E. Russell Sports Center;

WHEREAS: Upon execution of the donation agreements, the City issued a Request for Proposals (RFP) seeking design-build (professional design, permitting and construction) services for the Travers Park Renovations, Phase 1, Project, to produce a functionally complete facility, including, but not limited to, a multi-use, indoor court sports complex with an emphasis on tennis and pickleball and related site improvements, such as a gateway/plaza/trailhead, an all-wheeled skatepark expansion and bike skills facilities;

WHEREAS: On July 6, 2022, under Resolution 22-034, City Council awarded the contract to Emerick Construction Company;

WHEREAS: A community survey regarding the operations plan for the James E. Russell Sports Center was launched and open to the public September 23 - October 30, 2022, and in-person stakeholder meetings were also held and open to the public;

WHEREAS: The contract with Emerick was ultimately terminated in February 2023, with a full refund to the City of all expenses paid through the termination date;

WHEREAS: Following termination of the Emerick contract, Ginno Construction Co. submitted a Statement of Qualifications in response to a Request for Qualifications (RFQ) seeking Construction Manager/General Contractor (CM/GC) services for preconstruction and construction phased services for this project;

WHEREAS: On March 15, 2023, under Resolution 23-023, City Council approved an agreement with ALSC Architects for Travers Park Renovations, Phase 1, Professional Design Services for the final design phase and, under Resolution 23-024, Council approved an agreement with Ginno Construction Company for Travers Park, Phase 1 CM/GC Services;

WHEREAS: The Ginno agreement included a preconstruction fee proposal of $20,000, where, upon conclusion of the design development phase, a guaranteed maximum price for construction phase services would be established by way of a change order to the agreement at that time;

WHEREAS: Change Order No. 1 on April 28, 2023, included engineering design services for the Legacy Building Structure;

WHEREAS: On May 17, 2023, City staff, ALSC Architects and Ginno Construction unveiled the final design for the James E. Russell Sports Center at an Open House at Travers Park and presented the final design to the Sandpoint City Council at their regularly scheduled meeting;

WHEREAS: The final construction documents were completed and put out to bid for subcontractors for the Legacy building fabrication and installation and all site improvements;

WHEREAS: Change Order No. 2 on September 9, 2023, included building fabrication and installation, structure anchor bolts, site improvements, and Ginno Construction's associated construction management / general contractor fee was approved;

WHEREAS: Change Order No. 3 on January 3, 2024, included completion of the building construction inclusive of court surfacing, associated lighting, interior finishes, HVAC, electric, relocation and restoration of existing picnic shelter, and landscaping; and additional construction change order requests numbers 1 - 3, and the Ginno's construction fee was approved;

WHEREAS: The bid package #2 completed the remaining design development phase, and, as such, the Guaranteed Maximum Price for construction services phase was established in the amount of $7,283,339.35;

WHEREAS: Change Order No. 4 in May 2024, included changes in the overhead garage doors, addition of concrete inside the building, sawdust over-excavation within the building footprint, addition of asphalt paving on the existing

pathway, and extension of storm drain for skatepark extension and increased the Guaranteed Maximum Price for construction services phase as originally established in the amount of $7,283,339.35 to an increased new contract amount of $7,370,040.50;

WHEREAS: Change Order No. 5, approved by Council on August 7, 2024, provided for a variety of value engineering decisions, painting of sprinkler piping, additional concrete work, additional structural steel framing, additional costs for athletic court surfacing, and credits for aspects deleted from the project or otherwise changed, reducing costs;

WHEREAS: At this time, staff seeks permission to proceed with a sixth amendment and Change Order No. 6 to the agreement for the following reasons:

1. Playground and landscaping scope reductions due to value engineering decisions resulted in a credit,
2. deletion of hose bibs in restrooms for value engineering decisions,
3. addition of parking lot revisions to original scope for drainage issues, ADA compliance and safety, and the inevitable need for reconstruction, and
4. fire safety requirements as directed by fire safety building official.

NOW, THEREFORE, BE IT RESOLVED THAT: The Travers Park Renovations Project, Phase 1, Construction Manager/General Contractor (CM/GC) for preconstruction and construction phase services contract with Ginno Construction Company is hereby amended as outlined herein.

BE IT FURTHER RESOLVED THAT: Change Order No. 6 to the Construction Manager/General Contractor (CM/GC) Agreement with Ginno Construction Co. for Travers Park Renovations, Phase 1 (City Agreement A23-5300-5), is hereby approved.

BE IT FURTHER RESOLVED THAT: As set forth in the Procurement Process and Signature Authority Policy for Goods, Services and Construction and further outlined in the City of Sandpoint Procurement Policy, on behalf of the City, the Mayor or authorized designee is hereby authorized to execute the documents necessary to effect these changes and amendments, copies of which are attached hereto and made a part hereof as if fully incorporated herein.

_____
Jeremy Grimm, Mayor

ATTEST:

_____
Melissa Ward, City Clerk

City of Sandpoint
1123 Lake Street
Sandpoint, Idaho 83864

AGREEMENT A23-5300-5 SIXTH AMENDMENT

Date: **August 21, 2024**

Contract Title: **A23-5300-5 -Agreement for Travers Park Renovations Ph1 – Construction Manager/General Contractor Services**
Contract Execution Date: **March 16, 2023**
Division/Section: **Parks & Recreation**
Construction Manager: **Ginno Construction of Idaho, Inc.**
Construction Manager Address: 3893 N. Schreiber Way, Coeur d'Alene, Idaho 83815

This Contract Sixth Amendment shall become part of the original Contract.

Summary: Amend 6.2 Guaranteed Maximum Price

A. **Article 6 – COMPENSATION FOR CONSTRUCTION PHASE SERVICES**
   a. **6.2 GUARANTEED MAXIMUM PRICE(GMP) –** Total contract value to date to include four (4) Change Orders shall be $7,509,467.43.
   b. Contract Sum shall not exceed GMP set forth within this price Amendment unless subject to additions or deductions by Change Order as provided in the Contract Documents.

The City of Sandpoint and Construction Manager hereby agree to amend or modify the above referenced Agreement as set forth herein.

City of Sandpoint

_____
Jeremy Grimm Date
Mayor

Ginno Construction of Idaho, Inc.

_____
Rich Wells Date
President

CITY OF SANDPOINT
Infrastructure & Development Services
CONTRACT CHANGE ORDER

Date: 8/21/2024

Travers Park Ph 1- CM/CG

Change Order No: **6**

Contractor: **Ginno Construction, Inc.**

Project No: **A23-5300-5**

This change order shall be full payment and final settlement of all claims for Contract time and for all costs of any kind, including costs of delays and inefficiency, related to any Work either covered or affected by the change, including all direct, indirect, impact, reduced productivity, costs due to extended schedule duration and any other claim by Contractor. By signing this change order, the Contractor waives any additional entitlement to additional compensation or schedule extension.

The following changes to the contract documents are issued:

Item	*Description*	*Change In Contract Price*
1	***Scope:***	**($2,513.00)**
	PCO-032 - CE#023-RFP 005: Playground & Landscaping Scope Reduction	
	Justification: Contract Change Order	
	Credit for not installing playground equipment (credit amount of $10,513.00), Landscape allowance(credit amount of $100,000), and Planting & Landscaping with VE revisions cost of ($108,000), resulted in a total budget credit of $2,513.00.	
2	***Scope:***	**($1,993.10)**
	PCO-036- CE#60: Delete Hose Bibs	
	Justification: Contract Change Order	
	Credit to remove hose bibs in all restrooms (not required by code, as there is a utility sink and drain in maintenance closet).	
3	***Scope:***	**$122,397.09**
	PCO-037 - CE#061 RFP 022: Parking Lot Revisions	
	Justification: Contract Change Order	
	City requested the parking lot be re-paved, re-graded to account for drainage issues, and re-striped. Credit was provided for building project's allowance of $73,037 for parking asphalt patching of parking, while the estimated total prior to credit deduction was: $187,426.80. City prefers longer-term asphalt paving and drainage solutions and will use other contigency funds.	
4	***Scope:***	**$2,412.85**
	PCO-039 - CE#065 RFP 005: Fire Requirements	
	Justification: Contract Change Order	
	Fire Safety required adding fire draft stop every 10' vertical & horizontally where the new framing meets the Legacy fabric and adding 4 new sprinkler heads. This was not identified during intial plan review and wasn't determined necessary until after fire safety building inspection.	

Original Contract Amount:	*$20,000.00*
Prior Approved Change Order #1:	*$26,500.00*
Prior Approved Change Order #2:	*$4,190,000.00*
Prior Approved Change Order #3:	*$3,046,839.35*
Prior Approved Change Order #4:	*$86,703.15*
Prior Approved Change Order #5:	*$19,121.09*
Previously Approved Contract Amount:	*$7,389,163.59*
Current Change Order Price:	**$120,303.84**
New Contract Price:	**$7,509,467.43**

Time provided for completion in the contract is:
[X] unchanged, [ ] increased, [ ] decreased by 21 calendar days.

*The Substantial Completion date for this contract is December 23**, 2024**.*

This document will become an amendment to the contract and all provisions of the contract will apply hereto.

Accepted By:

Contractor (Ginno Construction Co.)	Date

Recommended By:

Architect (ALSC Architects)	Date

Recommended By:

City of Sandpoint, Project Manager	Date

Approved By:

City of Sandpoint, Community Development & Planning Director	Date

Approved By:

Mayor	Date

Ginno Construction Company
3893 North Schreiber Way
Coeur d'Alene, Idaho 83815
Phone: (208) 667-5560

Project: 23-10 - Travers Park Reno: Phase 1
2016 Pine Street
Sandpoint, Idaho 83864

Prime Contract Change Order #006: Landscaping, Hose bibs, Asphalt Paving, Draft Stops

TO:	**City of Sandpoint** 1123 Lake St. Sandpoint, Idaho 83864	**FROM:**	**Ginno Construction Company** 3893 North Schreiber Way Coeur d'Alene Idaho 83815
DATE CREATED:	7/ 31 /2024	**CREATED BY:**	Cory Quan **(Ginno Construction Company)**
CONTRACT STATUS:	Pending - In Review	**REVISION:**	1
DESIGNATED REVIEWER:		**REVIEWED BY:**	
DUE DATE:		**REVIEW DATE:**	
INVOICED DATE:		**PAID DATE:**	
SCHEDULE IMPACT:		**EXECUTED:**	No
CONTRACT FOR:	1:Travers Park Reno: Phase 1	**TOTAL AMOUNT:**	$ 120,303.84
DESCRIPTION:			
ATTACHMENTS:			

POTENTIAL CHANGE ORDERS IN THIS CHANGE ORDER:

PCO #	Title	Schedule Impact	Amount
032	CE #023 - RFP-005 - Playground		(2,513.00)
036	CE #060 - Delete Hose Bibs		(1,993.10)
037	CE #061 - RFP_022 - Parking Lot Revisions	7 days	122,397.09
039	CE #065 - Fire Requirements (D		2,412.85
		TOTAL:	**$ 120,303.84**

CHANGE ORDER LINE ITEMS:

PCO # 032 : CE #023 - RFP-005 - Playground

#	Cost Code	Description	Type	Amount
1	32-9000 - Planting & Landscaping	Landscape Allowance in Base Bid	SUBCONTRACT	($100,000.00)
2	32-9000 - Planting & Landscaping	RFP_005 - Planting & Landscaping Revisions	SUBCONTRACT	$ 108,000.00
3	11-6800 - Playfield Equip. & Structures	Credit: Not Installing Playground	SUBCONTRACT	($10,513.00)
			Subtotal:	($2,513.00)
			Grand Total:	(**$2,513.00**)

PCO # 036 : CE #060 - Delete Hose Bibs

#	Cost Code	Description	Type	Amount
1	22-1000 - Plumbing	Delete Hose Bibs	SUBCONTRACT	($1,993.10)
			Subtotal:	($1,993.10)
			Grand Total:	(**$1,993.10**)

PCO # 037 : CE #061 - RFP_022 - Parking Lot Revisions

#	Cost Code	Description	Type	Amount
1	32-1216 - Asphalt Paving	RFP_022 - Credit: Paving in Base Bid	SUBCONTRACT	($69,847.00)
2	32-1723 - Pavement Markings	RFP_022 - Credit: Base Bid Striping	SUBCONTRACT	($3,190.00)
3	32-1216 - Asphalt Paving	RFP_022 - Add: Demo, Shape & Pave entire lot	SUBCONTRACT	$ 180,691.80
4	32-1723 - Pavement Markings	RFP_022 - Add: Striping entire lot	SUBCONTRACT	$ 6,735.00
			Subtotal:	$114,389.80
			Liability Insurance: 1.00% Applies to OTHER, MATERIAL, LABOR, RENTAL, and SUBCONTRACT.	1,143.90
			OH&P: 6.00% Applies to OTHER, MATERIAL, LABOR, RENTAL, and SUBCONTRACT.	6,863.39
			Grand Total:	**$122,397.09**

PCO # 039 : CE #065 - Fire Requirements (D

#	Cost Code	Description	Type	Amount
1	21-1000 - Water Based Fire Suppression	Adding 4 heads to fix the east and west interstitial spaces	SUBCONTRACT	$ 1,600.00
2	09-2200 - Light Gauge Mtl Framing & GWB	Mineral Wool for Draft Stops at South Ext. Wall	SUBCONTRACT	$ 655.00
			Subtotal:	$2,255.00
			Liability Insurance: 1.00% Applies to OTHER, MATERIAL, LABOR, RENTAL, and SUBCONTRACT.	22.55
			OH&P: 6.00% Applies to OTHER, MATERIAL, LABOR, RENTAL, and SUBCONTRACT.	135.30
			Grand Total:	**$2,412.85**

The original (Contract Sum)	$ 20,000.00
Net change by previously authorized Change Orders	$ 7,369,163.59
The contract sum prior to this Change Order was	$ 7,389,163.59
The contract sum would be changed by this Change Order in the amount of	$ 120,303.84
The new contract sum including this Change Order will be	$ 7,509,467.43

The contract time will not be changed by this Change Order

Rustin Hall (ALSC Architects)
203 N. Washington Suite 400
Spokane Washington 99201

City of Sandpoint
1123 Lake St.
Sandpoint Idaho 83864

Ginno Construction Company
3893 North Schreiber Way
Coeur d'Alene Idaho 83815

SIGNATURE **DATE**

SIGNATURE **DATE**

SIGNATURE **DATE**

Ginno Construction Company
3893 North Schreiber Way
Coeur d'Alene, Idaho 83815
Phone: (208) 667-5560

Project: 23-10 - Travers Park Reno: Phase 1
2016 Pine Street
Sandpoint, Idaho 83864

Prime Contract Potential Change Order #032: CE #023 - RFP-005 - Playground

TO:	City of Sandpoint 1123 Lake St. Sandpoint Idaho, 83864	**FROM:**	Ginno Construction Company 3893 North Schreiber Way Coeur d'Alene Idaho, 83815
PCO NUMBER/REVISION:	032 / 0	**CONTRACT:**	1 - Travers Park Reno: Phase 1
REQUEST RECEIVED FROM:		**CREATED BY:**	Cory Quan **(Ginno Construction Company)**
STATUS:	Pending - In Review	**CREATED DATE:**	7/3 /2024
REFERENCE:		**PRIME CONTRACT CHANGE ORDER:**	#006 - Pending PCCO's
FIELD CHANGE:	No		
LOCATION:		**ACCOUNTING METHOD:**	Amount Based
SCHEDULE IMPACT:		**PAID IN FULL:**	No
		TOTAL AMOUNT:	($2,513.00)

POTENTIAL CHANGE ORDER TITLE: CE #023 - RFP-005 - Playground

CHANGE REASON: Proposal Request

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*
CE #023 - RFP-005 - Playground & Landscaping Scope Reduction

- RFP-005 - Playground & Landscaping Scope Reduction
  - Changes to bid that were NOT outlined in RFP:
    - Local Soil @ $30/CY in lieu of Spokane Soil @ $58/CY
    - (125) 2'-5' Granite Boulders to be supplied by owner
    - Peeled cedar logs to be supplied by owner
    - 90 day Maintenance to be performed by owners maintenance crew
    - This Price is based off assumption that City of Sandpoint can supply approximately 240 Man Hours of labor assistance (approx 3 men for 10 working days)

ATTACHMENTS:
Dew Drop - revised 07.25.2024.pdf _RFP-005_Playground Scope Reduction.pdf

#	Cost Code	Description	Type	Amount
1	32-9000 - Planting & Landscaping	Landscape Allowance in Base Bid	SUBCONTRACT	($100,000.00)
2	32-9000 - Planting & Landscaping	RFP_005 - Planting & Landscaping Revisions	SUBCONTRACT	$ 108,000.00
3	11-6800 - Playfield Equip. & Structures	Credit: Not Installing Playground	SUBCONTRACT	($10,513.00)
			Subtotal:	($2,513.00)
			Grand Total:	**($2,513.00)**

GINNO CONSTRUCTION CO.

SANDPOINT

Rustin Hall (ALSC Architects)
203 N. Washington Suite 400
Spokane Washington 99201

City of Sandpoint
1123 Lake St.
Sandpoint Idaho 83864

Ginno Construction Company
3893 North Schreiber Way
Coeur d'Alene Idaho 83815

SIGNATURE	DATE	SIGNATURE	DATE	SIGNATURE	DATE
		Jason Welker	08/08/2024	Cory Quan - 8/7	

PDM2, INC.
11827 East Trent
Spokane, Washington 99206
Phone: 509.922.7168
Fax 509.926.7670

Washington Contractors License - DEWDRDS825MP
Idaho Contractors License – RCE-50333

Date: **August 7, 2024**

Project: **TRAVERS PARK**
Idaho Material tax included in bid items

Total Combined Landscape and Irrigation Base Bid: $ 108,000.00

SCOPE:

- Irrigation installed per sheet L1.0, details L3.0, and irrigation specs;
  - Sleeving included
  - Repair existing irrigation disturbed by construction
  - Irrigation submittals for LA review
  - Irrigation system testing per LA specs
- Landscape installed per sheet L2.0, details L3.0, and planting specs;
  - Trees plants and shrubs
  - Imported topsoil @ 6" depth (212 cy) in planting beds (local soil @ $30 per cy vs Spokane @ $58 per cy)
  - Rock mulch (137 ton) over weed fabric in planting beds
  - Poly edging
  - Place imported topsoil @ 4" depth (111 cy) in Low Maintenance Hydro Seed area (local soil @ $30 per cy vs Spokane @ $58 per cy)
  - Place imported topsoil @ 2" depth (117 cy) in turf area repair (local soil @ $30 per cy vs Spokane @ $58 per cy)
  - Hydro seed per spec in Low Maintenance and turf repair areas (28,200 sf)
  - 125 2' -5' granite boulders (supplied by others)
  - Peeled cedar logs (supplied by others)
- 90 days maintenance (performed by owners)
- 240 man hours of labor supplied by owner

LANDSCAPE NOTES:
Rough grading to within +/-.10 foot, grubbing, removal of weeds, grasses and construction debris by others. Excavation of soils by others. Bid does not include removal of unsuitable soils. Bid does not include swale tests.

IRRIGATION NOTES:
Irrigation bid is based on others providing irrigation tap, meter and vault.
Bid does not include removal of material not acceptable for backfill.
Bid does not include 110-volt power to controller or the conduit out of building.

JOB NOTES:
Bid is based on **18** working days at temps. above 40 degrees F, with no precipitation.
Bid is based on two mobilizations, one for sleeving and second for construction.
Bid is valid for **30 days** from bid opening. After deadline, the cost of material increase may apply.
This bid is conditioned upon the parties executing a subcontract having Terms and Conditions satisfactory toPDM2, Inc dba Dew Drop Sprinklers and Landscaping, in its sole discretion.
Please review our bid proposal and let us know if you have any questions.

Thank you,

David J Minick
President
Mobile 509.840.0871
david@dewdropnw.com
www.dewdropnw.com

Northwest Playground
nwplayground.com

CHANGE ORDER	2
DATE	7/1/2024
CONTRACT PO #	

CUSTOMER INFORMATION:	**PROJECT NAME:**
Ginno Construction	Travers Park
3893 N. Schreiber Way	**SALESPERSON:**
Coeur d' Alene ID 83815	
DELIVERY CONTACT:	**SHIPPING ADDRESS:**
Cole Bitnoff	

CO #	QTY	ITEM #	VENDOR	ADDITIONS/ DEDUCTIONS FROM ORIGINAL ORDER	List Price
1	1	Installation	Covey Const.	Deduct the cost of the reinstallation of existing equipment	$ (10,513.00)
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
				Bond:	$ -
				Subtotal	$ (10,513.00)
		Tax Rate	*0.00%*	**Tax:**	$ -
				Total Adjustment:	**$ (10,513.00)**
				Original Contract:	$ 26,525.64
				Updated Contract Amount:	**$ 16,012.64**

Name:_____ Title:_____

Signature:_____Date:_____

ALSC ARCHITECTS
SPOKANE
203 N Washington
Suite 400
Spokane, WA
99201
P 509.838.8568
alscarchitects.com

REQUEST FOR PROPOSAL NO: 005

Project Name: Travers Park Recreation Center

Owner: City of Sandpoint

Contractor: Ginno Construction Company

Job Number: 2023-011

TO: Ginno Construction Company, Contractor, please furnish your proposal for performing the changes outlined below and/or detailed on the attachments referred to:

Revise pricing for landscape scope per the attached, revised documents (32 84 00, 32 91 13, 32 92 00, 32 93 00, L1.0, L2.0, and L3.0). Provide breakdown, including unit pricing for plants.

ALSC Architects, P.S. By Gale Stanley Date: 6/4/24

PROPOSAL:

To the Owner: We propose to perform all changes described in the above request for a total ADDITION/DEDUCTION (cross out one) to the contract sum of:

_____ $_____

(not including Sales Tax)

We have attached cost estimate detail sheets, and the foregoing amount covers all direct and indirect costs related to this proposal and to the effect of the proposal on the remainder of the project. All other provisions of the contract remain in full force and effect. We request the completion date be EXTENDED/REDUCED (cross one out) _____ calendar days because of this work. The Contractor agrees to be bound to this proposal quotation for sixty (60) days after this date.

_____ By_____ Date_____
Contractor

RECOMMENDATION:

TO: Owner, we have examined the foregoing proposal and find it to be appropriate for the request. We recommend its acceptance.

ALSC Architects, P.S. By_____ Date:_____

PROPOSAL ACCEPTANCE:

The Owner hereby accepts the foregoing proposal. This instrument, when signed below, constitutes the conditions upon which a Change Order will be issued.

_____ By_____ Date_____
Owner

SECTION 32 84 00

PLANTING IRRIGATION

PART 1 - GENERAL

1.1 DESCRIPTION

A. This Section includes the installation of a new irrigation system. Work includes but is not limited to: connecting new irrigation valves to an existing conventional controller, sleeves, mainline and lateral line piping, mechanical joint restraints, sprinkler heads, bubblers and accessories, control valves, control wiring and decoders, isolation valves, fittings, electrical connections, winterization provisions for blowing out all lines and equipment, and necessary accessories.

B. Existing irrigation indicated on early site package is to remain in operation. Existing irrigation system will be completely demolished with limits of work. See below for salvaged equipment requirements.

C. Construction drawings and specifications are complimentary, in the event of a conflict between specifications and construction drawings, the more restrictive requirement shall apply.

1.2 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.3 SUMMARY

A. Section Includes:

1. Piping.
2. Encasement for piping.
3. Manual valves.
4. Pressure-reducing valves.
5. Automatic control valves.
6. Transition fittings.
7. Dielectric fittings.
8. Miscellaneous piping specialties.
9. Sprinklers.
10. Quick couplers.
11. Drip irrigation specialties.
12. Controllers.
13. Boxes for automatic control valves.

B. Related Sections:

1. Section 01 5639 “Temporary Tree and Plant Protection”.
2. Section 31 2000 “Earth Moving”.

1.4 **EXISTING CONDITIONS**

A. Contractor is responsible for verifying existing conditions and extent of work in the field. Existing Site Conditions: Locations of existing utilities and other improvements shown on the drawings are approximate. Existing conditions shall be verified and should any utilities be encountered

during construction, the contractor shall indicate them on the “Record Drawings” with coordinated dimensions from fixed above ground structures and as per depth, size and type of material. The contractor shall always protect existing utilities.

1.5 DEFINITIONS

A. Lateral Line Piping: Downstream from control valves to sprinklers, and specialties. Piping is under pressure during flow.

B. ET Controllers: EvapoTranspiration Controllers. Irrigation controllers which use some method of weather based adjustment of irrigation. These adjusting methods include use of historical monthly averages of ET; broadcasting of ET measurements; or use of on-site sensors to track ET.

C. Mainline / Pressure Piping: Downstream from point of connection to water distribution piping to, and including, control valves. Piping is under water-distribution-system pressure.

D. Low Voltage: As defined in NFPA 70 for Laterals and equipment operating at less than 50 V or for remote-control, signaling power-limited Laterals.

1.6 PERFORMANCE REQUIREMENTS

A. Irrigation zone control shall be automatic operation with existing controller and automatic control valves.

1. Connect new control valves to existing park controller.

B. Location of Sprinklers and Specialties: Design location is approximate. Make minor adjustments necessary to avoid plantings and obstructions such as signs and light standards. Maintain 100 percent irrigation coverage of areas indicated.

C. Minimum Working Pressures: The following are minimum pressure requirements for piping, valves, and specialties unless otherwise indicated:

1. Irrigation Mainline Piping: 200 psig.
2. Lateral Line Piping: 150 psig.

1.7 ACTION SUBMITTALS: REQUIRED

A. Product Data: For each type of product indicated. Include rated capacities, operating characteristics, and furnished specialties and accessories.

B. Wiring Diagrams: For power, signal, and control wiring.

1. Wiring diagram of extension of new control wires to new control valves.

C. Closeout Submittals: See Section 3.22 Closeout for requirements.

1.8 INFORMATIONAL SUBMITTALS

A. Coordination Drawings: Irrigation systems, drawn to scale, on which components are shown and coordinated with each other, using input from Installers of the items involved. Also include adjustments necessary to avoid plantings and obstructions such as signs and light standards.

B. Qualification Data: For qualified Installer.

C. Field quality-control reports.

1.9 PRODUCT SUBMITTALS

A. Prior to starting any work, the contractor shall present for approval by the Owner's representative, three (3) packages of the following information. The submittals shall be neatly bound with a cover letter on the company's letterhead, indicating the contents and purpose of the submittals. All items shall be provided within one submittal package.

B. Submittal Package to include:

1. Project name and location.

2. Job site foreman's name that will be responsible for the project at all times.

3. Table of Contents listing all material and equipment to be used on the project indicating brand names, model numbers and or shop drawings. Landscape irrigation manufacturer's literature, data and product 'cut sheets' are required for are required for the following:

a. Control wire
b. Direct bury wire connectors.
c. Quick coupler
d. Automatic control valves
e. Isolation gate valve
f. Pipe: Sleeve, Mainline, Lateral, tubing (as applicable).
g. Unions, fittings and solvent weld pipe glue
h. Control wire, conventional
i. Locator wire
j. Control wire conduit
k. Sprinklers, all types including rotors and sprays
l. Bubblers and bubbler assemblies
m. Valve boxes
n. Metallic identification ribbon
o. Surge protection and grounding devices
p. Sand for sand bedding
q. Concrete paver bricks for control valve boxes.

C. NOTE: All substitutions for proposed products shall be identified in the Table of Contents.

D. Provide name and address of each manufacturer's permanent service, warranty support or repair service that is authorized and has the ability to respond to service calls within eight hours of notification for service.

1.10 MAINTENANCE MATERIAL SUBMITTALS

A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.

1. Rotors: 25 of each type and size indicated.
2. Spray Sprinklers: 25 of each type and size indicated.
3. Bubblers: 25 of each type installed.

1.11 QUALITY ASSURANCE

A. Manufacturer Qualifications: Manufacturer identified for components and equipment shall regularly and currently manufacture the item submitted as one of their principal products.

B. Installer Qualifications: An employer of workers that includes an onsite supervisor or superintendent that has completed certification by the Washington Association of Landscape Professionals or equivalent qualifications. Installer or supplier of service shall have technical qualifications, experience and trained personnel and the resources to perform the specified work in the scheduled construction time.

C. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.

D. Certified Tester shall test the “Backflow Prevention” devices per local requirements and submit the test results to the Owner as part of the Operations and Maintenance Manual.

1.12 DELIVERY, STORAGE, AND HANDLING

A. Deliver piping with factory-applied end caps. Maintain end caps through shipping, storage, and handling to prevent pipe-end damage and to prevent entrance of dirt, debris, and moisture.

B. Store plastic piping protected from direct sunlight. Support to prevent sagging and bending.

1.13 PROJECT CONDITIONS

A. Underground utilities and elements: The Contractor shall call **Utility Notification Center at (811) or (800) 424-5555 or click www.callbeforeyoudig.org** to locate all underground utilities (on or near Public Rights-of-Way / Property Lines) prior to digging and/or driving stakes. The Contractor can also engage the services of a private utilities locating service for location of utilities within the site. Private utilities locating services charge for services rendered.

1. Contractor to contact Owner’s maintenance personnel 48 hours in advance of any earthwork, trenching or excavation to make arrangements for utility locates within Owner’s property, in addition to contacting the professional utility location services.

B. Site Inspection and Layout: Before proceeding with any work, the Contractor shall inspect the site, carefully checking all grades and verifying all dimensions and conditions affecting the work in order to be satisfied that the work may safely proceed. Changes or alterations to the system to meet actual conditions shall be made at the Contractor's expense.

1. The irrigation plan is diagrammatic and is not intended to show exact locations of proposed piping, valves or controllers. Locate new items as closely as possible to related curbs, walls, fences or edges of paving. Pipelines shown parallel on drawing may be placed in a common trench.

2. Sprinkler heads are shown accurately and shall be installed as indicated by center of symbol.

3. Contractor to verify locations of all existing irrigation equipment in the field prior to demolition and construction. Preserve all existing equipment to remain and cap existing lines at edges of construction so that existing system can remain fully operational during construction.

a. Contractor may adjust heads as necessary to minimize overspray onto construction site. Replacement of full heads with adjustable heads to match is authorized.

C. During the installation of the new irrigation system, if underground utilities are encountered, the Contractor shall notify the Landscape Architect via RFI two (2) working days in advance and perform repairs to that system per this section and/or as directed. Repairs and connections shall be done per the contract documents or as directed in the RFI response.

D. Interruption of Existing Water Service: Do not interrupt water service to facilities occupied by Owner or others unless permitted under the following conditions and then only after arranging to provide temporary water service according to requirements indicated:

1. Notify Architect, Construction Manager, Owner no fewer than two days in advance of proposed interruption of water service.
2. Do not proceed with interruption of water service without Architect's, Construction Manager's, Owner's written permission.

1.14 IRRIGATION SYSTEM WARRANTY:

A. Contractor shall warranty work and parts for a period of one year beginning on the date of the final “Punch List” walk-thru. Any repairs or replacements deemed to be the contractor’s responsibility shall be remedied immediately with originally-specified material and to the owner’s satisfaction and at no cost to the owner. The contractor shall replace material within 15 days of written notice from owner’s representative. O&M Manual to INCLUDE letter of warranty consistent with these terms.

B. The warranty shall include restoration of planted or paved areas due to settlement of trenches or damage caused by water from broken irrigation system pipes.

C. The warranty shall include one complete winterization and one complete spring startup of the irrigation system.

PART 2 - PRODUCTS

2.1 GENERAL

A. Multiple Units: When two or more units of the same type or class of materials or equipment are required, these units are products of one manufacturer.

B. Assembled Units: Manufacturers of equipment assemblies, which use components made by others, assume complete responsibility for the final assembled product.

C. All components of an assembled unit need not be products of the same manufacturer but component parts which are alike are the product of a single manufacturer.

D. Components are compatible with each other and with the total assembly for the intended service.

E. Nameplates: Nameplate bearing manufacturer's name or identification trademark securely affixed in a conspicuous place on equipment or name or trademark cast integrally with equipment, stamped, or otherwise permanently marked on each item of equipment.

F. Accepted Manufacturers of Irrigation Equipment: Basis of Design: Rain Bird and Hunter. Other manufacturers are not acceptable unless approved in writing prior to the date of the bid.

2.2 PIPES, TUBES, AND FITTINGS

A. Comply with requirements in the piping schedule for applications of pipe, tube, and fitting materials, and for joining methods for specific services, service locations, and pipe sizes.

B. Galvanized-Steel Pipe: ASTM A 53/A 53M, Standard Weight, Type E, Grade B.

1. Galvanized-Steel Pipe Nipples: ASTM A 733, made of ASTM A 53/A 53M or ASTM A 106/A 106M, Standard Weight, seamless-steel pipe with threaded ends.
2. Galvanized, Gray-Iron Threaded Fittings: ASME B16.4, Class 125, standard pattern.
3. Malleable-Iron Unions: ASME B16.39, Class 150, hexagonal-stock body with ball-and-socket, metal-to-metal, bronze seating surface, and female threaded ends.
4. Cast-Iron Flanges: ASME B16.1, Class 125.

C. PE Pipe with Controlled ID: ASTM F 771, PE 3408 compound; SIDR 11.5.

1. Insert Fittings for PE Pipe: ASTM D 2609, nylon or propylene plastic with barbed ends. Include bands or other fasteners.

D. PVC Pipe: ASTM D 1785, PVC 1120 compound, Schedules 40 and 80.

1. PVC Socket Fittings: ASTM D 2467, Schedules 40 and 80.
2. PVC Threaded Fittings: ASTM D 2464, Schedule 80.
3. PVC Socket and Threaded Unions: Construction similar to MSS SP-107, except both headpiece and tailpiece shall be PVC with socket ends.

E. PVC Pipe, Class 200, socket and gasketed, ASTM D 1784 or 5, ASTM D-2464, ASTM D 2467, ASTM F-1970.

1. PVC Socket Fittings: ASTM D 2464, Schedule 80.

2. PVC Socket and Threaded Unions: Schedule 80. Construction similar to MSS SP-107, except both headpiece and tailpiece shall be PVC with socket or threaded ends.

2.3 PIPING JOINING MATERIALS

A. Pipe-Flange Gasket Materials: AWWA C110, rubber, flat face, 1/8 inch thick unless otherwise indicated; full-face or ring type unless otherwise indicated.

B. Metal, Pipe-Flange Bolts and Nuts: ASME B18.2.1, carbon steel unless otherwise indicated.

C. Brazing Filler Metals: AWS A5.8/A5.8M, BCuP Series, copper-phosphorus alloys for general-duty brazing unless otherwise indicated.

D. Solder Filler Metals: ASTM B 32, lead-free alloys. Include water-flushable flux according to ASTM B 813.

E. Solvent Cements for Joining PVC Piping: ASTM D 2564. Include primer according to ASTM F 656.

F. Plastic, Pipe-Flange Gasket, Bolts, and Nuts: Type and material recommended by piping system manufacturer unless otherwise indicated.

G. Mechanical Joint Restraints: Install HARCO Ductile Iron IPS Pipe to Pipe Joint Restraint for all mainline pipe connections 4” and greater.

1. Install HARCO Ductile Iron IPS joint restraints at all 6" to 4" Tee's and 90's.
2. Install HARCO Ductile Iron IPS joint restraints at transitions from ductile iron to 6" PVC pipe.

H. Control valve triple swing joint connections to mainline. Size as determined by size of mainline and size of valve.

1. HARCO restrained ductile iron service tee. Or
2. HARCO Ductal Iron IPS Saddle, Double Strap for PVC pipe

2.4 ENCASEMENT FOR PIPING

A. Standard: ASTM A 674 or AWWA C105.

B. Form: Sheet.

C. Material: LLDPE film of 0.008-inch minimum thickness.

D. Color: Black.

2.5 MANUAL VALVES

A. Brass Ball Valves:

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

a. Flow-Tek, Inc.
b. Hammond Valve.
c. Milwaukee Valve Company.
d. NIBCO INC.
e. Red-White Valve Corp.

2. Description:

a. Standard: MSS SP-110.
b. SWP Rating: 150 psig.
c. CWP Rating: 600 psig.
d. Body Design: Two piece.
e. Body Material: Forged brass.
f. Ends: Threaded or solder joint if indicated.
g. Seats: PTFE or TFE.
h. Stem: Brass.
i. Ball: Chrome-plated brass.
j. Port: Full or regular, but not reduced.

B. Iron Gate Valve Casings:

1. Standard: AWWA M44 for cast-iron valve casings.
2. Top Section: Adjustable extension of length required for depth of burial of valve.
3. Barrel: Approximately 5-inch diameter.
4. Plug: With lettering "WATER."
5. Bottom Section: With base of size to fit over valve.
6. Base Support: Concrete collar.

C. Operating Wrenches for Iron Gate Valve Casings: Furnish one steel, tee-handle operating wrench(es) with one pointed end, stem of length to operate deepest buried valve, and socket matching valve operating nut for Project.

D. Iron Gate Valves, NRS:

1. Manufacturers: Subject to compliance with requirements, provide products by the following:

a. WATTS.

2. Description:

a. Model: 405 NRSRW
b. Standard: MSS SP-70, Type I.
c. CWP Rating: 200 psig.
d. Body Material: ASTM A 126, gray iron with bolted bonnet.
e. Ends: Flanged.
f. Trim: All bronze.
g. Disc: Solid wedge.
h. Packing and Gasket: Asbestos free.

2.6 AUTOMATIC CONTROL VALVES

A. Remote Control Valve:

1. Manufacturers: Rain Bird, Inc.
2. Basis of Design Product: PEB-PRS-D Series
3. 1", 1 ½" and 2": Globe valves with internal bleed and flow control
4. Install with PRS-Dial
5. Description: Molded-plastic body, normally closed, diaphragm type with manual-flow adjustment, and operated by 24-V ac solenoid.

B. Bubbler Irrigation Control Valve and Filter Assembly

1. Manufacturers: Rain Bird, Inc.

a. Basis of Design Product: XCZ-150-LCS, 1.5" Inline Commercial Control Zone Kit

1) 1 1/2": PEB Series globe valves with internal bleed and flow control

2.7 TRANSITION FITTINGS

A. General Requirements: Same size as, and with pressure rating at least equal to and with ends compatible with, piping to be joined.

B. Transition Couplings:

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

a. Cascade Waterworks Mfg. Co.
b. Dresser, Inc.

2. Description: AWWA C219, metal sleeve-type coupling for underground pressure piping.

C. Plastic-to-Metal Transition Fittings:

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

a. Harvel Plastics, Inc.
b. Spears Manufacturing Company.

2. Description: PVC one-piece fitting with manufacturer's Schedule 80 equivalent dimensions; one end with threaded brass insert, and one solvent-cement-socket or threaded end.

D. Plastic-to-Metal Transition Unions:

1. Manufacturers: Subject to compliance with requirements, provide products by the following:

a. NIBCO INC.

2. Description: MSS SP-107, PVC four-part union. Include one brass threaded end, one solvent-cement-joint or threaded plastic end, rubber O-ring, and union nut.

2.8 MISCELLANEOUS PIPING SPECIALTIES

A. Pressure Gages: ASME B40.1. Include 4-1/2-inch-diameter dial, dial range of two times system operating pressure, and bottom outlet.

2.9 SPRINKLERS

A. General Requirements: Designed for uniform coverage over entire spray area indicated at available water pressure.

B. Manufacturers and models as indicated on the drawings. No substitutions.

2.10 QUICK COUPLERS

A. Manufacturers: Subject to compliance with requirements, provide products by the following:

1. Rain Bird Corporation.

B. Description: Factory-fabricated, bronze or brass, two-piece assembly. Include coupler water-seal valve; removable upper body with spring-loaded or weighted, rubber-covered cap; hose swivel with ASME B1.20.7, 3/4-11.5NH threads for garden hose on outlet; and operating key.

1. Rain Bird 44 LRC, 1” Quick Coupler Valve, Two Piece Body
2. Locking-Top: Vandal-resistant locking feature. Include one matching key(s).

2.11 BUBBLER IRRIGATION

A. Bubbler: Multi-Stream bubbler nozzle, pressure compensating bubbler.
Manufacturer: Hunter Industries

1. Model: PCN with standard female threads that are compatible with the threaded riser on Hunter on other manufacturer’s spray heads.

2. The pressure compensating bubbler shall be as manufactured by Hunter Industries.

B. Bubblers to be pressure compensating at the nozzle. The under-the-nozzle pressure compensating screen shall be a two-piece screen combination with a flow-control module positioned in the middle.

C. The bubbler shall be a pressure compensating type capable of providing a consistent discharge rate as indicated on the drawings for each bubbler.

D. The bubbler shall have a “trickle” pattern (1401& 1402 models) or an “umbrella” pattern (1406 &1408 models) discharge. See drawings for specific models and applications.

E. The bubbler assembly shall have a plastic inlet filter screen to protect the nozzle against clogging.

F. The pressure compensating bubbler shall be of a permanently assembled design constructed of durable, UV resistant plastic with an integral rubber flow washer for regulating the flow rate at an operating pressure range of 20 to 90 PSI.

G. The pressure compensating bubbler shall have a 1/2" inlet for connection to the piping system.

1. Connect bubbler to 4” pop-up sprinkler body.

H. Application Pressure Regulators: Plastic housing, NPS 3/4, with corrosion-resistant internal parts; capable of controlling outlet pressure to approximately 20 psig.

I. Air Relief Valves: Plastic housing, with corrosion-resistant internal parts.

J. Vacuum Relief Valves: Plastic housing, with corrosion-resistant internal parts.

2.12 CONTROLLER

A. Controller is existing. Coordinate connection to existing controller with Owner’s maintenance personnel.

2.13 CONTROL WIRE

A. Control Wire: Low-Voltage, Decoder-Circuit Cables: No. 14 AWG minimum, between controllers and automatic control valves up to 1000’, No. 12 AWG from 1000’ up; purple / blue jacketed. Exposed control wire to the controller shall only be placed in Electrical Metallic Tubing (EMT) conduit for interior building locations and PVC pipe for exterior building locations when not co-located with mainline.

B. Control Wire Connections: All electrical connections must be waterproof and moisture-resistant and shall be done with 3M™ Scotchcast™ 3570G Connector Sealing Packs.

C. Plastic Boxes:

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

a. Oldcastle, Inc.

2. Description: Specification Grade, Commercially Rated, box and locking cover, with open bottom and openings for piping; designed for installing flush with grade.

   a. Size: As required for valves and service.
   b. Shape: Round, Square, Rectangular.
   c. Sidewall Material: HDPE.
   d. Cover Material: HDPE.
      1) Lettering: " IRRIGATION."

3. Specification Grade Round valve boxes, 10" diameter top access, shall be used for quick-coupler or mainline isolation valves only.

D. Polymer-Concrete Boxes:

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

   a. Oldcastle Enclosure Solutions.

2. Description: Box and cover, with open bottom and openings for piping; designed for installing flush with grade.

   a. Size: As required for valves and service. Size to allow full access to valve unions for service and removal.
   b. Shape: Rectangular.
   c. Sidewall Material: Polymer concrete with lateral and vertical sidewall design loading of 5000 lb minimum over 10 by 10 inches square.
   d. Cover Material: Reinforced polymer concrete with cover design loading of 5000 lb minimum over 10 by 10 inches square.

      1) Lettering: " IRRIGATION."

   e. Hydrometer valve box: Oldcastle Polymer 1730 with flush solid cover.

3. Valve Box Backfill: Place cleaned gravel or crushed stone, graded from 3/4 inch minimum to 3 inches maximum in bottoms of valve boxes.

PART 3 - EXECUTION

3.1 WATER SERVICE

A. Basis of Design:

1. The irrigation system shall be connected to the existing Travers Park irrigation system.

2. Operational Schedule: The system is designed to provide the irrigation required with an irrigation window of eight hours per day, seven days per week.

3.2 EXISTING IRRIGATION SYSTEM, DEMOLITION

A. Review existing irrigation system prior to demolition with Owner's maintenance personnel.

1. Identify locations to isolate mainlines and lateral lines at edge of construction and adjust heads to provide coverage of existing landscape to remain with minimal overspray onto construction site.
2. Identify existing equipment for removal and salvage to Owner.
3. Maintain irrigation to all existing park landscape areas to remain. Provide temporary piping and control wiring as necessary to maintain irrigation.

3.3 EXISTING IRRIGATION EQUIPMENT, SALVAGE

A. Existing rotors and control valves to be removed and salvaged to Owner. Clean, box, label and deliver to Owner's representative.

3.4 LAYOUT OF IRRIGATION SYSTEM:

A. Stake the irrigation system following the design shown on the Plans before construction begins. Alterations and changes to the layout may be expected in order to conform to the site conditions and to obtain full and adequate coverage of area to be irrigated. It is understood that corrective measures in the system may become necessary, but no changes or alterations to the system as planned shall be made without the prior authorization of the Architect.

B. Before starting work, determine that work may proceed without disruption of the activities of other trades.

C. The Contractor shall carefully check grades to ensure that the area is ready to begin work.

D. The Contractor is responsible for taking all reasonable investigative actions and precautions when working around all utility systems.

3.5 PREPARATION

A. Set stakes to identify locations of proposed irrigation system. Obtain Architect's approval before excavation.

3.6 TRENCHING

A. Excavating, trenching, and backfilling are specified in Section 312000 "Earth Moving" and as modified below.

B. Trenching: All trenches shall be open, vertical construction, sufficiently wide enough to provide ample working space and at depths as specified. Trenching around roots shall be hand excavated or air spaded to pipe depth when roots of 2 inches in diameter or greater are encountered. Trench width shall be 4 inches minimum or 1-1/2 times the diameter of the pipe or whichever is wider.

1. Exercise care when excavating trenches near existing trees per Section 01 56 39 - Temporary Tree & Plant Protection. Where roots are two inches (2") and greater in diameter hand excavate and tunnel. When large roots are exposed, wrap with heavy burlap for protection and prevent excessive drying. Trenches dug by machines adjacent to trees having roots two inches (2") and less in diameter shall have the sides hand trimmed making a clean cut of the roots. Trenches having exposed tree roots shall be back-filled within twenty-four (24) hours unless adequately protected with moist burlap or canvas.
2. Trench bottom must be free of rocks, debris and sharp-edged objects.

C. The use of an underground vibratory plow or similar device to pull pipe will **not** be permitted unless indicated.

D. Install warning tape directly above pressure piping, 12 inches below finished grades, except 6 inches below subgrade under pavement and slabs.

E. Do not work over, or walk on, pipe in trenches until sand bedded and covered by layers of earth well tamped in place to a depth of 12 inches over pipe.

F. Provide minimum cover over top of underground piping according to the following:

1. Irrigation Mainline Piping and Control Wires: Cover over lines to be not less than 24" below finished grade.
2. Lateral Line Piping: Cover over lines to be not less than 18".
3. Sleeves: 24 inches from top of base rock under roads (bottom of pavement). Sleeves under sidewalks shall match proposed mainline and lateral depths.

G. Sand Bedding and Backfill: The contractor shall encase all PVC pipe within a 4" layer in all directions, with clean sand before commencing with the backfill process. Any rocks larger than 1", debris or other material found within 3" of the pipe shall result in Contractor exposing all pipe to ensure that sand bedding is free of rocks and debris. Trenches shall be back-filled with approved topsoil and compacted in layers to 80-85% modified proctor compaction, using manual or mechanical tamping devices. Trenches for piping shall be compacted to equal the compaction of the existing adjacent undisturbed soil and shall be left in firm unyielding condition. All trenches shall be left flush with the adjoining grade.

1. All work must be inspected, hydrostatically tested and approved by the Owner's representative prior to backfilling.
2. Pipe shall have a firm, uniform bearing for the entire length of each pipeline to prevent uneven settlement. Wedging or blocking of pipe shall not be permitted.
3. The Contractor shall set in place; cap and pressure test all piping under paving prior to paving work.
4. All backfill in turf areas shall proceed as follows: (No Deviations): Place first lift (1/2 of trench depth) in trench and flood to settle. Final lift shall be placed and compacted even with finish grade.

H. All roots, rocks and surplus excavation shall be removed from the site unless otherwise directed. Any turf areas buried under ditch excavation shall be raked clean of any excavated material.

I. The location, inspecting and testing provisions of these specifications will be strictly adhered to. If, for any reason, any part of the sprinkler system is back-filled before approved location, testing, or inspection is authorized, it must be completely uncovered and exposed until approved for back-filling by the Landscape Architect.

3.7 PIPING INSTALLATION

A. Location and Arrangement: Irrigation drawings are diagrammatic in nature and show the general location and arrangement of piping systems. Install piping as indicated unless deviations are approved on Coordination Drawings.

B. Piping Schedule: see end of section for piping schedule.

C. Sleeves:

1. Sleeves shall be installed straight with no bends or angle joints.
2. Furnish and install where pipe and control wires pass under walks, paving, walls, etc. Sleeving to be of adequate size to accommodate retrieval for repair of wiring or piping and shall extend 12 inches beyond edges of paving or construction. See Schedule at end of this section for minimum sizes. Sleeves shall be bedded with a minimum of four inches of sand backfill above top of pipe.
3. Sleeve locations shall be marked at edge of hardscape with an 'X' for future location.

D. Install piping free of sags and bends. Ensure pipe is evenly supported throughout the run to prevent uneven settling. Wedging or blocking of pipe shall not be permitted.

E. Install groups of pipes parallel to each other, spaced to permit valve servicing. Pipe to have 3" minimum space between parallel pipes.

F. Pipe may be assembled and solvent welded outside of the trench. Pipe to be 'snaked' from side to side in the trench to all for expansion and contraction. Pipe to be assembled with ALL MARKINGS CLEARLY LEGIBLE FROM THE TOP OF THE TRENCH, to facilitate pipe verification.

1. Pipe may be 'center loaded' with sand bedding to ensure pipe is stable during pressure testing. All joints, fittings and changes of direction are to be visible.

G. Install fittings for changes in direction and branch connections.

H. Install unions adjacent to valves and to final connections to other components with NPS 2 or smaller pipe connection.

I. Install flanges adjacent to valves and to final connections to other components with NPS 2-1/2 or larger pipe connection.

J. Install underground thermoplastic piping according to ASTM D 2774 and ASTM F 690.

K. Install expansion loops in control-valve boxes for plastic piping.

L. Lay piping on solid subbase, uniformly sloped without humps or depressions.

M. Install PVC piping in dry weather when temperature is above 40 deg F. Allow joints to cure at least 24 hours at temperatures above 40 deg F before testing.

N. Install fittings at changes in direction and connections. Pipe changes in direction without a fitting shall not exceed 15°.

O. Install unions on either side of globe valves and for lateral line piping connection on angle valves. Install unions at final connections for other components.

P. Concrete Thrust Blocks:

1. Mainline 2" and greater: Install concrete thrust blocks on at all changes in direction in mainline piping.

a. Install thrust blocks on all irrigation mainline changes in direction, including ells, tees and mainline terminations.

2. Thrust Block Schedule: Place and size thrust blocks in accordance with pipe manufacturer's specifications. Thrust block shall be of adequate size to counter maximum internal water pressure.

    a. 2" mainlines: five gallons of concrete minimum.

    b. 2.5" mainlines: ten gallons of concrete minimum

    c. 3" mainlines: fifteen gallons of concrete minimum

    d. 4" and greater mainlines: 20 gallons of concrete minimum.

    e. See drawings and details for additional thrust block information.

3. Installation: Wrap pipe in filter fabric and pour thrust block concrete around pipe. Concrete to be evenly distributed around top and sides of joint on opposing side of water flow.

Q. Mechanical Joint Restraints: Install mechanical joint restraints on:

1. All mainline joints 4" and greater.

2. Mainline changes of direction, tees, ells or terminations. Install mechanical restraints in addition to thrust blocks.

R. Install transition fittings for plastic-to-metal pipe connections according to the following:

1. Underground Piping:

    a. NPS 1-1/2 and Smaller: Plastic-to-metal transition fittings.
    b. NPS 2 and Larger: AWWA transition couplings.

2. Aboveground Piping:

    a. NPS 2 and Smaller: Plastic-to-metal transition fittings.
    b. NPS 2 and Larger: Use dielectric flange kits with one plastic flange.

S. Install dielectric fittings for dissimilar-metal pipe connections according to the following:

1. Underground Piping:

    a. NPS 2 and Smaller: Dielectric coupling or dielectric nipple.
    b. NPS 2-1/2 and Larger: Prohibited except in control-valve box.

2. Aboveground Piping:

    a. NPS 2 and Smaller: Dielectric union.
    b. NPS 2-1/2 to NPS 4: Dielectric flange.
    c. NPS 5 and Larger: Dielectric flange kit.

3. Piping in Control-Valve Boxes:

    a. NPS 2 and Smaller: Dielectric union.
    b. NPS 2-1/2 to NPS 4: Dielectric flange.

c. NPS 5 and Larger: Dielectric flange kit.

T. Plastic Pipe and Fittings

3.8 JOINT CONSTRUCTION

A. Ream ends of pipes and tubes and remove burrs. Bevel plain ends of steel pipe.

B. Remove scale, slag, dirt, and debris from inside and outside of pipe and fittings before assembly.

C. Threaded Joints: Thread pipe with tapered pipe threads according to ASME B1.20.1. Cut threads full and clean using sharp dies. Ream threaded pipe ends to remove burrs and restore full ID. Join pipe fittings and valves as follows:

1. Make all connections between plastic pipe and metal pipes or valves with Teflon tape using plastic male adapters.
2. Apply appropriate tape or thread compound to external pipe threads unless dry seal threading is specified.
3. Teflon tape shall be installed in accordance with requirements of fitting manufacturers. Any deviation from installation procedures as instructed by fitting manufacturers shall be rectified at no cost to the Owner.
4. Damaged Threads: Do not use pipe or pipe fittings with threads that are corroded or damaged. Do not use pipe sections that have cracked or open welds.

D. Flanged Joints: Select rubber gasket material, size, type, and thickness for service application. Install gasket concentrically positioned. Use suitable lubricants on bolt threads.

E. Ductile-Iron Piping Gasketed Joints: Comply with AWWA C600 and AWWA M41. Connect new mainline, regardless of size to existing mainline with HARCO ductile-iron gasketed joints.

F. PE Piping Fastener Joints: Join with insert fittings and bands or fasteners according to piping manufacturer's written instructions.

G. PVC Piping Solvent-Cemented Joints: Clean and dry joining surfaces. Join pipe and fittings according to the following:

1. Solvent weld using solvents and methods in accordance with the pipe manufacturer’s specifications. Do not solvent weld threaded connections.

2. Pipe and fittings shall be thoroughly cleaned of dirt, dust and moisture before applying solvent with a non-synthetic brush.

   a. Primer and solvent shall be applied so that a small, clean bead is visible after assembly.
   b. Unacceptable installations include excessive solvent/primer, inadequate solvent/primer, will be removed and the pipe re-joined.

   Make all connections between plastic pipe and metal valves or pipe with teflon tape using plastic male adapters. Do not over tighten.

3. Install solvent weld joints in accordance with manufacturer’s specifications for temperature, weather and other requirements. No solvent weld joints shall be installed when temperatures are lower than the manufacturer’s minimum.

4. Comply with ASTM F 402 for safe-handling practice of cleaners, primers, and solvent cements.
5. PVC Pressure Piping: Join schedule number, ASTM D 1785, PVC pipe and PVC socket fittings according to ASTM D 2672. Join other-than-schedule-number PVC pipe and socket fittings according to ASTM D 2855.
6. PVC Nonpressure Piping: Join according to ASTM D 2855.

H. Repairs to existing PVC pipe:

1. Repairs or connections to existing PVC pipe shall be done using 'Romac', or approved equal fittings, installed per manufacturer's specifications. 'Romac' Model #511 (long version) repair coupling is required. No telescoping repair couplings will be allowed. An isolation valve is also required at that point of connection to allow for pressure testing of the new system.

3.9 VALVE INSTALLATION

A. Install flow meter and master valve as indicated in drawings and per Manufacturers' specifications.

B. Underground Curb Valves: Install in curb-valve casings with tops flush with grade.

C. Underground Iron Gate Valves with 2-inch operating nut for wrench operation; Resilient Seat: Comply with AWWA C600 and AWWA M44. Install in valve box with valve casing to interior of valve box.

1. Install valves and PVC pipe with restrained, gasketed joints.

D. Automatic Control Valves:

1. Install in control-valve box.
2. Valve Connections: Control valves shall be installed with swing joint consisting of schedule 80 nipples and galvanized elbows. Gasketed ductile iron retrained tapped tee fitting or double saddle tee fitting and Sch 80 triple swing joints nipples and fittings.
3. Install automatic control valves within landscape areas whenever possible. Do not install control valves in swales.
4. DO NOT piggy-back valves.
5. Control valves shall be no deeper than 18" from top of pipe leaving valve to finished grade.
6. Valve shall be identified with brass tag with zone number attached to valve.
7. Schedule 80 Tee for valve will be taken off the side of the main line (not the top) and the tee will be large enough to use a slip-by threaded bushing instead of a tapped tee.
8. Place within 24" to paved edges of sidewalks, roads or parking lot curbs in a neat and orderly fashion.
9. Valve boxes shall be installed so that the box cover will follow the proposed slopes and contours. (flush with slopes) This may require more than one-extension box. This will occur in all turf grass areas only not in shrub beds or groundcover areas.
10. No valve boxes shall be allowed in the bottom or within 18" of the bottom of swales.

E. Aboveground Valves: Install as components of connected piping system.

F. Pressure-Reducing Valves: Install in boxes for automatic control valves or aboveground between shutoff valves.

G. Throttling Valves: Install in underground piping in boxes for automatic control valves.

H. Drain Valves: Install in underground piping in boxes for automatic control valves.

I. Drain Pockets: Excavate to sizes indicated. Backfill with cleaned gravel or crushed stone, graded from 3/4 to 3 inches (19 to 75 mm), to 12 inches (300 mm) below grade. Cover gravel or crushed stone with sheet of asphalt-saturated felt and backfill remainder with excavated material.

J. Valve boxes shall be placed in a neat, orderly fashion, no closer than 12" apart and shall be placed with consideration to mowing and upkeep of adjacent areas (i.e., not on sloped planted areas). Valve boxes shall be installed on concrete pavers at each corner of the box for stability.

3.10 CONTROL WIRES, CONVENTIONAL

A. Installation and repair of conventional control wires for existing system to remain.

1. Extend conventional control wires from existing controller and system to remain, to new control valve locations. Connect and verify operation.
2. **Control wires to be installed in conduit when not installed adjacent to mainline**.
3. All splices to be located in valve boxes.

B. Connect remote control valves to controller in sequence shown on drawings.

C. Control wires shall be taped together at ten (10) foot intervals with black electrical tape; then this bundle shall be installed at same depth as main line and lay to the side of the main line. A bare copper wire (#14 or greater), shall be installed on top of the PVC supply line for future detection with the wire ends clearly exposed in the valve boxes.

D. Tie a loose 24 inches long loop of control wire at 100’ intervals, in all automatic control valve boxes and at changes of direction greater than 30 degrees. Untie all loops after all connections have been made.

E. Splices shall be permitted only at junction boxes, valve boxes, or at control equipment and never between valves or valve and controller. A minimum of 24 inches of excess conductor shall be left at all splices, terminal and control valves to facilitate inspection and future splicing. All splices must be encapsulated with sealant in approved splice kit. The splice kit shall be a 3M-DBY type water-proof wire splice, or approved equal. If a splice between the controller and valve is required due to damage to existing valve wires, the splice shall include minimum 24 inches excess length of control wire added at the splice location. At the break location, two splices are required to complete the repair. The splices (two per break) shall leave splice kits unburied, and shall be housed in a separate valve box and brought to finish grade.

F. All control wire shall be labeled within the controller at the point of each station connection. Identify both ends of each wire with station number to match sprinkler diagram. Wire identifications shall be located adjacent to connection point at each end and easily visible. Marking system shall be ‘TP-BLDG XX’ with 3/4” labels. Each label shall read: ZONE – 1, ZONE – 2, ZONE – 3 etc.

G. One (1) unconnected Spare Wire (color Orange) for each four (4) zones) shall be run from the controller through each intermediate control valve box. Provide at least a twenty-four inch (24") long, tight loop for each wire in each box. Where control valves run in multiple directions from the controller, at least one (1) separate spare wire shall be run in each direction. The spare wire(s) shall always be installed to the farthest valve(s) location(s) from the controller.

H. Minimum size of wire is to be determined strictly by the following chart:

No. of Maximum Length of Common Wire

Valves	500'	1000'	2000'	3000'
1	14	14	14	14
2	14	14	14	10
3	14	14	10	8
4	14	14	10	8
5	14	10	8	6
6	14	10	6	6
7	14	8	6	4
8	14	8	6	4
9	14	8	4	4
10	10	6	4	2
11	10	6	4	-

I. Ground equipment according to Division 26 Section " Low Voltage Electrical Power Conductors and Cables ".

J. Connect wiring according to Division 26 Section "Conductors and Cables". All Flow meter connection shall be tight and dry. All wire splices are to be located in valve box and identified in ‘Record Drawings’.

3.11 SPRINKLER INSTALLATION

A. General: Locate as shown on the drawings, except where existing conditions prohibit, or to better suit field conditions, and to achieve as good, or better, coverage under the same conditions. Change without the Owner’s representative’s consent is subject to disapproval and may require replacement at no additional charge to the Owner.

B. Sprinkler heads and quick coupler valves shall be installed on triple swing joints.

1. Sprinkler head triple swing joints shall consist of three Schedule 40 PVC street elbows and a schedule 80 PVC nipple.

2. Quick coupler valve triple swing joints shall consist of three galvanized elbows and a galvanized nipple.

C. Install sprinklers after hydrostatic test is completed.

D. Install sprinklers:

1. ½” above sod and ¾” above finish grade in hydroseeded and seeded areas.
2. With 2” between sprinkler head and sidewalks, curb or mow strips.

E. Do not install sprinklers along curb side of street parking strips.

F. Locate part-circle sprinklers to maintain a minimum distance of 6 inches from walls, walks, header boards, curbs, mowing aprons or paved areas unless otherwise indicated.

3.12 BUBBLER INSTALLATION

A. Install bubblers so that no more than 20 bubblers are on each side of each riser. Ensure that flow is balanced on all sides of the riser and that each bubbler is operating at full flow. Adjust numbers of bubblers on risers as necessary to balance the flow.

B. Bubbler Schedule:

1. Perennials and ornamental grasses, one gallon and smaller: One bubbler, 25 gpm.
2. Perennials and ornamental grasses, one gallon and larger: One bubbler, see drawings.
3. Trees: Two bubblers, see drawings.

C. Bubblers to be installed within water basin of plants. Adjust basin so that a minimum of one gallon of water from bubbler remains in basin.

3.13 CONNECTIONS

A. Comply with requirements for piping specified in Section 221113 "Facility Water Distribution Piping" for water supply from exterior water service piping, water meters, protective enclosures, and backflow preventers. Drawings indicate general arrangement of piping, fittings, and specialties.

B. Install piping adjacent to equipment, valves, and devices to allow service and Maintenance.

C. Connect wiring between existing controller and automatic control valves. Repair and/or replace any control wire serving existing control valves that has been damaged during construction.

3.14 IDENTIFICATION

A. Identify system components. Comply with requirements for identification specified in Section 220553 "Identification for Plumbing Piping and Equipment."

B. Warning Tapes: Arrange for installation of continuous, underground, detectable warning tapes over underground piping during backfilling of trenches. See Section 312000 "Earth Moving" for warning tapes.

3.15 FIELD QUALITY CONTROL:

A. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect, test, and adjust components, assemblies, and equipment installations, including connections.

B. Flushing: Remove two heads (minimum) of each zone (or branch), operate system at full pressure until all rust, scale, debris and sand is removed from system.

a. Divert water to prevent ponding, erosion or damage to finished work.

C. Perform tests and inspections.

1. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect components, assemblies, and equipment installations, including connections, and to assist in testing.
2. All PVC welded joints and fittings shall have cured for at least 24 hours prior to testing.

D. Tests and Inspections:

1. **Contractor is required to perform hydrostatic tests on all mainline and lateral lines regardless of time of year of construction. It is the responsibility of the Contractor to provide all means for pressurizing and winterizing any piping that is tested during freezing temperatures. Piping and system components shall be immediately winterized following testing when temperatures are forecast to be below freezing.**

2. Make hydrostatic tests in the presence of the Owner’s authorized representative. No pipe shall be backfilled until it has been inspected, tested and approved. Center loading of

piping with approved backfill to prevent arching and slipping under pressure is authorized.

a. Notification: Contractor to notify Owner's representative a minimum of 48 hours in advance of testing.

3. Contractor to furnish necessary water pump, gauges and all other test equipment.
4. Larger projects may require phased testing of irrigation mainline and lateral lines. Contractor to identify phases for testing that correspond with sections between isolation valves.
5. Main Line Hydrostatic Pressure Test: After installation, charge system and test for leaks. Repair leaks and retest until no leaks exist.

    a. Main Line Testing Pressure: 100 psi.
    b. Test Duration: 2 hour.
    c. All PVC main lines with gate (isolation) valves installed and closed shall be hydrostatically pressure tested for a minimum of two hours with all joints exposed. Welded plastic joints to have cured a minimum of 24 hours prior to pressure testing.

        1) Mainline Piping: Mainline piping shall be exposed in the trench to the maximum extent possible to allow visual review of all mainline components during the pressure test. All pipe text shall face up. Leave all system joints, connections, etc., exposed until after completion and acceptance of the pressure test. All joints must be exposed for the duration of the test.
        2) Isolate mainline from water service and pressurize with a water pump. Do not use compressed air. Install gauge on section pressurized for verification. Gauge to be certified and tested for accuracy. Testing information showing date of test to be affixed to gauge.
        3) Cap mainline and hydrostatically pressurize at 100 psi for 2 hours minimum prior to review by Landscape Architect or Owner's authorized representative. Maintain pressure for additional 2 hours during Owners representative's review. Visually check joints and connections for leaks. Repair all leaks, however minor.

            a) Passage of test is predicated upon no loss of pressure for duration of testing period.
            b) To be valid, all tests must be witnessed and approved by the Landscape Architect or Owner's authorized representative. The Contractor must give at least two (2) working days' notice prior to the anticipated date of inspection.

        4) A report of the results of the pressure test will be prepared by the Landscape Architect or Owner's authorized representative immediately after completion of the testing.

            a) Pipe that is damaged or found to unacceptable during testing will be replaced by the Contractor at no cost to the Owner and re-tested.
            b) Changes or alterations to installed piping after satisfactory completion of pressure testing are required to be re-tested.

6. Lateral Line Hydrostatic Pressure Test: After installation, charge system and test for leaks. Repair leaks and retest until no leaks exist. Welded plastic joints to have cured a minimum of 24 hours prior to pressure testing.

a. Lateral Line Testing Pressure: Static pressure or 80psi whichever is greater.
b. Test Duration: 1 hour.
c. All PVC lateral lines shall be hydrostatically pressure tested and with all joints exposed to available static pressure until watertight. Cap swing joints and risers. Flush all lines upon completion of hydrostatic pressure testing.
d. All PVC lateral lines with risers installed and capped shall be flushed and pressure tested with all joints exposed to service line pressure required for design.

1) Lateral line piping shall be exposed in the trench to the maximum extent possible to allow visual review of all mainline components during the pressure test. All pipe text shall face up. Leave all system joints, connections, etc., exposed until after completion and acceptance of the pressure test. All joints must be exposed at time of test.
2) Isolate lateral line from water service and pressurize with a water pump if required. Do not use compressed air. Install gauge on section pressurized for verification. Gauge to be certified and tested for accuracy. Testing information showing date of test to be affixed to gauge.
Cap all risers and/or triple swing joints during lateral test. Test all lateral lines at static line pressure. Test for 2 hours minimum prior to review by Landscape Architect. Maintain pressure for 1 hour during Landscape Architect's review. Visually check joints and connections for leaks. Repair all leaks, however minor.

a) Lateral Line's only: Passage of test is predicated no visible leaks around exposed pipe joints, and no loss of pressure exceeding 5psi for duration of testing period.
b) To be valid, all tests must be witnessed and approved by the Landscape Architect or Owner's authorized representative. The Contractor must give at least two (2) working days' notice prior to the anticipated date of inspection.

3) All gauges used in the testing of water pressures shall be certified correct by an independent testing laboratory immediately prior to use on the project. Gauges shall be re-tested when directed by the Landscape Architect or Owner's authorized representative.
4) A report of the results of the pressure test will be prepared by the Landscape Architect or Owner's authorized representative immediately after completion of the testing.

a) Pipe that is damaged or found to unacceptable during testing will be replaced by the Contractor at no cost to the Owner and re-tested.
b) Changes or alterations to installed piping after satisfactory completion of pressure testing are required to be re-tested until satisfactory test results.

7. The backflow preventer shall be tested and approved by a certified contractor as to its working condition and the certificate shall be presented to the Owner. Test shall be completed no later than Final Completion. Test certificate to be included in Operations and Maintenance Manual.
8. Operational Test: After electrical circuitry has been energized, operate controllers and automatic control valves to confirm proper system operation.

Coverage Test:

1) Before the irrigation system will be accepted, the Contractor, in the presence of the Landscape Architect, shall perform a water coverage test for each zone of the system. This test shall be performed using only the power supplied from the project's final metered power drop. Never perform this or any other testing of the irrigation system equipment using power supplied by a portable generator.
2) The Contractor shall be responsible for changing nozzles, etc., at the discretion of the Landscape Architect, in order to obtain full coverage with minimum over spray. The Contractor will be required to adjust and/or replace nozzles, etc. as necessary to meet this requirement. Prior to arrival of the Landscape Architect, the Contractor shall accomplish the following: complete all work including balancing, adjusting the system (pressure reducing valves, flow adjustment keys, nozzles, etc.) to provide optimum coverage without fogging. Repair and replace any defective work. Substitute up to five percent (5%) of the total nozzles or fixed spray heads at the request of the Landscape Architect.
3) Operate all bubbler zones in the presence of LA or Owner's representatives to verify all bubblers are functioning. All water from bubblers should remain in well around base of plant.
4) Notify the Landscape Architect at least two (2) working days in advance of coverage test.

9. Test and adjust controls and communications. Replace damaged and malfunctioning controls and equipment.

a. Functionality Test:

1) A functionality test of the control/communication systems shall be performed and demonstrate that all parts of the system function as specified or intended. The functionality test for each new system shall consist of not less than thirty (30) calendar days of continuous, satisfactory operation.

b. Controls Test to include testing of communication from existing controller to existing and new control valves. All valves to be fully operational at completion of construction.

E. Any irrigation product will be considered defective if it does not pass tests and inspections.

1. Any materials determined to be faulty as part of the installation shall be replaced or corrected by the Contractor at their expense in a manner respective to the Plans, Details and other sections of this Specification. In the event of a system failure due to faulty installation or workmanship, the thirty (30) day period will be repeated until testing is complete.

3.16 COMMISSIONING, FIRST WINTERIZATION AND SPRING START-UP

A. Contractor shall use accepted industry practices for both winterization and startup.

B. Commissioning and initial startup.

1. Starting Procedures: Follow manufacturer's written procedures. If no procedures are prescribed by manufacturers, proceed as follows:

a. Verify that specialty valves and their accessories are installed and operate correctly.

b. Verify that specified tests of piping are complete.
c. Verify that sprinklers and devices are correct type.
d. Verify that damaged sprinklers and devices are replaced with new materials.
e. Verify that potable-water supply connections have tested backflow preventers.
f. Energize circuits to electrical equipment and devices.
g. Satisfactory test of backflow preventer in accordance with local regulations governing testing and acceptance of backflow prevention devices. Submit written results with Operations and Maintenance Manual.
h. Adjust operating controls.
i. Fully completed and approved Project Record Drawings.
j. Fully completed and approved Operations and Maintenance Manual.
k. Any other applicable requirement contained in the Specifications or Drawings.

C. First Winterization

1. Conduct winterization process with Owner's maintenance personnel demonstrating the procedures included in the Operations and Maintenance manual. Coordinate with Owner's maintenance personnel and provide 48 hours minimum notice prior to shut down and winterization.
2. Notify Owner in writing that the system has been Winterized and backflow prevention device/water service may be secured, noting the day completed and personnel present.

D. Spring Start-up

1. Upon notification from Owner that spring start-up is scheduled, return to project site and demonstrate start up procedures included in the Operations and Maintenance manual. Including but not limited to:

   a. Visually inspect all system components for winter damage, and repair/replace any damaged devices, piping, etc.
   b. Coordinate with Owner's maintenance personnel to test and return the backflow prevention device to service.

2. Coordinate with Owner's staff to set controller operation to provide required application of water for the spring weather conditions.
3. Notify Owner in writing that the spring startup procedures have been completed, noting the day completed and personnel present.

3.17 ADJUSTING

A. Adjusting heads to proper grade when turf is sufficiently established to allow walking on it without appreciable harm. Such lowering or raising of heads shall be part of original contract with no additional cost to Owner.

B. Adjust sprinkler heads for proper distribution and trim so spray does not fall on building.

C. Adjust watering time of valves to provide proper amounts of water to all plants

D. Adjust sprinklers and devices, except those intended to be mounted aboveground, so they will be flush with, or not more than 1/2 inch above, finish grade.

3.18 TRAINING AND DEMONSTRATION

A. Demonstrate to Owner's maintenance personnel operation of controllers, equipment, sprinklers, specialties, and accessories. Review Maintenance and Operations information.

B. Provide seven days' advance written notice of demonstration.

3.19 CLEANING

A. Flush dirt and debris from piping before installing sprinklers and other devices.

B. Progressively clean the work site of debris and rubbish as work proceeds and upon completion of the work. Leave the site in a neat and orderly condition acceptable to the Landscape Architect or Owner's authorized representative.

3.20 CLOSEOUT

A. Upon completion of this project, and prior to final payment, the contractor shall return to the owner the Operations and Maintenance Manual, Record Drawings, ("as-builts"), irrigation plans, at the same scale as originally published, and in CD Auto Cad file format.

B. Operation/Maintenance Manuals:

1. Provide the Owner with one final hard copy and one electronic pdf of the Operation and Maintenance Manual for the system. One preliminary pdf copy of the manuals shall be submitted to the Architect for review and approval prior to issuing the final copies to the Owner. Manuals shall be provided to the Owner prior to the instruction/training session.

2. Manuals shall include at a minimum.

a. A master index at the beginning of the manual. Provide tab index sheets separating sections within the manual; correlated to the index.
b. A section containing the name, address, and phone number of the Architect, General Contractor, all subcontractors, and all material Suppliers.
The listing shall be numbered or otherwise keyed to the other sections of the manual so that each system component or material item can easily be associated with the appropriate supplier and installer.

c. A section containing a general description of the system, the intended sequence of operation, and the "Record Drawings".
d. Winterization and Spring Startup: Contractor to prepare a site-specific section containing the operational procedures for winterization and spring start-up, and recommended spare parts listings. Sequence for winterization and spring start-up shall identify procedures and reference equipment listed on the "As-Built" record drawings.
e. A section containing technical information about each and every component of the system. This information shall include catalog data clearly marked as to specific model number and/or style device used, exploded parts diagrams for assembled components such as control valves and sprinkler heads, and wiring/control diagrams for all parts of the system. This information should correspond with approved submittals for irrigation equipment. Equipment specified, approved substitutions and installed equipment shall be noted on the equipment cut sheets.
f. A section containing all manufacturer's and contractor's warrantees, test reports, and inspection certificates.

1) Inspection certificates include but are not limited to:

a) Backflow Preventor / RP and Double Check Valve Assemblies.
b) Reduced Pressure Back Flow Prevention Devices.
c) Electrical service. See applicable Electrical Sections.

C. Record Documents and Drawings

1. Record accurately and legibly on a daily basis, all changes, additions, deletions, substitutions, discovered utilities and irrigation system components and other irrigation system modifications on a clean set of Construction Documents. Update and review record documents with Architect during each site observation meeting/visit.
2. Record Drawings shall be approved by the Owner/Landscape Architect before controller charts and controller scheduling are finalized.
3. Provide the completed original markup drawings to the Owner and a copy to the Architect at the completion of the work, prior to application for final payment. 1.Provide the Owner with one final hard copy, one electronic cad drawing (Autocad 2018 or older), and one electronic pdf of at the same scale as the original design drawings. Landscape architect can provide contractor with electronic cad drawing for use in preparation of as-built drawings.

    a. Indicate locations, sizes and kinds of equipment installed.
    b. Dimension from 2 permanent points of reference (building corners, sidewalk, or road intersections, etc.) the location of the following items:

        1) Connection to water lines.
        2) Connection to electrical power.
        3) Locations of points for grounding and surge protection.
        4) Gate/Isolation valves.
        5) Routing of sprinkler pressure lines (dimension max. 100' along routing).
        6) Significant changes in routing of lateral lines from those indicated on Drawings.
        7) Sprinkler control valves with as-built valve numbers that correspond with the Controller Chart.
        8) Routing of control wiring.

            a) Routing of control wire installed in conduit that is not co-located with the mainline.
            b) Hose Bibs and quick coupling valves.

    c. Deliverable:

        1) As-Built drawings: Contractor shall prepare drawings utilizing an extra set of irrigation plans that the contractor utilizes to document the installation of the irrigation system on a daily basis.
        2) Record drawing format: Autocad 2018 or older. PDF’s of conformed drawings with markings are not acceptable.
        3) Plan of the “As-Built” irrigation condition that identifies the location of point of connection, back flow assemblies, controllers, all new automatic control valves, isolation valves, mainline, lateral lines, route of control wires, sensor devices (rain, moisture, etc), sprinkler heads, drip areas and equipment locations, sleeve crossings. Contractor shall annotate, on a daily basis, all deviations in the plans of the locations of piping, valves or other equipment. The contractor shall also indicate any discovered utilities on the in progress As-Builts. Plan will be prepared in a legible manner, suitable for printing at the same size as the construction drawings and at 11”x17” for display at controller.

            a) All valves to be identified by ‘As-Built’ number and correspond to the valve numbers as shown on the construction plans. Valves numbers shall also correspond with the operational irrigation schedule.

b) Contractor may request CAD drawings for use in the preparation of "As-Built' drawings.
c) All zones will be color coded for ease of identification.
d) Format:
e) Two full sets of plans marked "As-Built" printed to match the scale of the original construction documents.
f) Two full sets of reduced plans marked "As-Built", plans to be laminated to resist moisture damage. Mount one copy at each controller (as applicable/approved) location as directed on ¾" exterior grade plywood. Provide one copy to Owner's maintenance personnel at irrigation system operation training.

3.21 PIPING SCHEDULE

A. Install components having pressure rating equal to or greater than system operating pressure.

B. Piping in control-valve boxes and aboveground may be joined with flanges or unions instead of joints indicated.

C. Sleeves:

1. Class 200, ASTM D 1784 or 5 plastic pipe.
2. Low voltage control wire: 3" diameter sleeve (dedicated, with no zone or main piping in sleeve), unless otherwise noted.
3. All piping sleeves shall be 6" diameter or if not called out a minimum of twice the size as the sleeved pipe.

D. Underground irrigation mainline and lateral line piping:

1. Pressure Pipe:

a. Pipe smaller than 4": PVC plastic pipe, ASTM D 1785, Schedule 40.

1) DO NOT use copper tubing or polyethylene pipe.
2) Use PVC solvent cement compatible with PVC pipe. (NO quick-drying cement permitted.)

b. 4" and larger: Class 200 PVC, SDR 21, ASTM D 1784, gasketed pipe with JM Eagle's Ring-Tite™ joint with flexible elastomeric Rieber® gasket. Or approved equal.

2. Circuit Pipe:

a. PVC plastic pipe, ASTM D 1785, Schedule 40.
b. DO NOT use copper tubing or polyethylene pipe.
c. Use PVC solvent cement compatible with PVC pipe. (NO quick-drying cement permitted.)

3. Pipe Fittings for PVC Pipe: ASTM D 2464 socket fittings; ASTM D 2466 threaded fittings. PVC Nipples, Schedule 80 ASTM D 2466.

a. Use PVC solvent cement compatible with PVC pipe. (NO quick-drying cement permitted.)

4. Pipe Fittings for Galvanized Steel Pipe: ANSI B16.3 galvanized malleable-iron screwed fittings.

E. Underground Branches and Offsets at Sprinklers and Devices: Schedule 80, PVC pipe; threaded PVC fittings; and threaded joints.

1. Option: Plastic swing-joint assemblies, with offsets for flexible joints, manufactured for this application.

F. Transition Fittings: Refer to Division 22 Section "Common Work Results For Plumbing" for transition fittings.

G. Refer to Division 22 Section "Common Work Results For Plumbing" for commonly used joining materials.

3.22 VALVE SCHEDULE

A. Underground, Shutoff-Duty Valves: Use the following:

1. NPS 2 and Smaller: Curb valve, curb-valve casing, and shutoff rod.
2. NPS 3 and Larger: Iron gate valve, resilient seated; iron gate valve casing; and operating wrench(es).

B. Drain Valves:

1. NPS 1/2 and NPS 3/4: Plastic ball valve.
2. NPS 1/2 and NPS 3/4: Bronze gate valve.
3. NPS 1 to NPS 2: Bronze ball valve.
4. NPS 1 to NPS 2: Bronze gate valve.

END OF SECTION 32 84 00

SECTION 32 91 13

SOIL PREPARATION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

B. Geotechnical Engineering Evaluation

1.2 SUMMARY

A. Section includes planting soils specified by composition of the mixes.

B. Related Requirements:

1. Section 31 2000 “Earth Moving” for grading.
2. Section 32 1823.15 “Natural Baseball and Softball Surfacing”
3. Section 32 9115.10 “Soil Preparation – Athletic” for planting soils and preparation for athletic fields.
4. Section 32 9200 "Turf and Grasses" for placing planting soil for turf and grasses.
5. Section 32 9300 "Plants" for placing planting soil for plantings.

1.3 DEFINITIONS

A. AAPFCO: Association of American Plant Food Control Officials.

B. Backfill: The earth used to replace or the act of replacing earth in an excavation. This can be amended or unamended soil as indicated.

C. CEC: Cation exchange capacity.

D. Compost: The product resulting from the controlled biological decomposition of organic material that has been sanitized through the generation of heat and stabilized to the point that it is beneficial to plant growth.

E. Duff Layer: A surface layer of soil, typical of forested areas, that is composed of mostly decayed leaves, twigs, and detritus.

F. Imported Soil: Soil that is transported to Project site for use.

G. Layered Soil Assembly: A designed series of planting soils, layered on each other, that together produce an environment for plant growth.

H. Manufactured Soil: Soil produced by blending soils, sand, stabilized organic soil amendments, and other materials to produce planting soil.

I. NAPT: North American Proficiency Testing Program. An SSSA program to assist soil-, plant-, and water-testing laboratories through interlaboratory sample exchanges and statistical evaluation of analytical data.

J. Organic Matter: The total of organic materials in soil exclusive of undecayed plant and animal tissues, their partial decomposition products, and the soil biomass; also called "humus" or "soil organic matter."

K. Planting Soil: Existing, on-site soil; imported soil; or manufactured soil that has been modified as specified with soil amendments and perhaps fertilizers to produce a soil mixture best for plant growth.

L. RCRA Metals: Hazardous metals identified by the EPA under the Resource Conservation and Recovery Act.

M. SSSA: Soil Science Society of America.

N. Subgrade: Surface or elevation of subsoil remaining after excavation is complete, or the top surface of a fill or backfill before planting soil is placed.

O. Subsoil: Soil beneath the level of subgrade; soil beneath the topsoil layers of a naturally occurring soil profile, typified by less than 1 percent organic matter and few soil organisms.

P. Surface Soil: Soil that is present at the top layer of the existing soil profile. In undisturbed areas, surface soil is typically called "topsoil"; but in disturbed areas such as urban environments, the surface soil can be subsoil.

Q. USCC: U.S. Composting Council.

1.4 PREINSTALLATION MEETINGS

A. Preinstallation Conference: Conduct conference at Project site.

1.5 ACTION SUBMITTALS

A. Product Data: For each type of product.

1. Include recommendations for application and use.
2. Include test data substantiating that products comply with requirements.
3. Include sieve analyses for aggregate materials.
4. Material Certificates: For each type of imported soil, soil amendment and fertilizer before delivery to the site, according to the following:

    a. Manufacturer's qualified testing agency's certified analysis of standard products.
    b. Analysis of fertilizers, by a qualified testing agency, made according to AAPFCO methods for testing and labeling and according to AAPFCO's SUIP #25.
    c. Analysis of nonstandard materials, by a qualified testing agency, made according to SSSA methods, where applicable.

B. Test Results: Submit results for each planting soil with determination of required soil amendments.

C. Samples: For each bulk-supplied material, 1-quart volume of each in sealed containers labeled with content, source, and date obtained. Each Sample shall be typical of the lot of material to be furnished; provide an accurate representation of composition, color, and texture.

D. Materials Source: Submit name and location of imported materials source.

1.6 INFORMATIONAL SUBMITTALS

A. Qualification Data: For each testing agency.

B. Preconstruction Test Reports: For preconstruction soil analyses specified in "Preconstruction Testing" Article.

C. Field quality-control reports.

1.7 QUALITY ASSURANCE

A. Testing Agency Qualifications: An independent, state-operated, or university-operated laboratory; experienced in soil science, soil testing, and plant nutrition; with the experience and capability to conduct the testing indicated; and that specializes in types of tests to be performed.

1.8 PRECONSTRUCTION TESTING

A. Preconstruction Testing Service: Contractor to engage a qualified testing agency to perform preconstruction soil analyses on imported soil.

1. Notify Architect seven days in advance of the dates and times when laboratory samples will be taken.

B. Preconstruction Soil Analyses: For each unamended soil type, perform testing on soil samples and furnish soil analysis and a written report containing soil-amendment and fertilizer recommendations by a qualified testing agency performing the testing according to "Soil-Sampling Requirements" and "Testing Requirements" articles.

1. Have testing agency identify and label samples and test reports according to sample collection and labeling requirements.

1.9 SOIL-SAMPLING REQUIREMENTS

A. General: Extract soil samples according to requirements in this article.

B. Sample Collection and Labeling: Soil samples and test results to be provided by supplier of soils.

1.10 TESTING REQUIREMENTS PLANTING SOILS.

A. General: Perform tests on soil samples according to requirements in this article.

B. Physical Testing:

1. Soil Texture: Soil-particle, size-distribution analysis by one of the following methods according to SSSA's "Methods of Soil Analysis - Part 1-Physical and Mineralogical Methods":

a. Sieving Method: Report sand-gradation percentages for very coarse, coarse, medium, fine, and very fine sand; and fragment-gradation (gravel) percentages for fine, medium, and coarse fragments; according to USDA sand and fragment sizes.
b. Hydrometer Method: Report percentages of sand, silt, and clay.

2. Total Porosity: Calculate using particle density and bulk density according to SSSA's "Methods of Soil Analysis - Part 1-Physical and Mineralogical Methods."

3. Water Retention: According to SSSA's "Methods of Soil Analysis - Part 1-Physical and Mineralogical Methods."
4. Saturated Hydraulic Conductivity: According to SSSA's "Methods of Soil Analysis - Part 1-Physical and Mineralogical Methods"; at 85% compaction according to ASTM D 698 (Standard Proctor).

5. Submit Stormwater Facility Soil Type A test results to Civil Engineer for approval.

C. Chemical Testing:

1. CEC: Analysis by sodium saturation at pH 7 according to SSSA's "Methods of Soil Analysis - Part 3- Chemical Methods."
2. Clay Mineralogy: Analysis and estimated percentage of expandable clay minerals using CEC by ammonium saturation at pH 7 according to SSSA's "Methods of Soil Analysis - Part 1- Physical and Mineralogical Methods."
3. Metals Hazardous to Human Health: Test for presence and quantities of RCRA metals including aluminum, arsenic, barium, copper, cadmium, chromium, cobalt, lead, lithium, and vanadium. If RCRA metals are present, include recommendations for corrective action.
4. Phytotoxicity: Test for plant-available concentrations of phytotoxic minerals including aluminum, arsenic, barium, cadmium, chlorides, chromium, cobalt, copper, lead, lithium, mercury, nickel, selenium, silver, sodium, strontium, tin, titanium, vanadium, and zinc.

D. Fertility Testing: Soil-fertility analysis according to standard laboratory protocol of SSSA NAPT NCR-13, including the following:

1. Percentage of organic matter.
2. CEC, calcium percent of CEC, and magnesium percent of CEC.
3. Soil reaction (acidity/alkalinity pH value).
4. Buffered acidity or alkalinity.
5. Nitrogen ppm.
6. Phosphorous ppm.
7. Potassium ppm.
8. Manganese ppm.
9. Manganese-availability ppm.
10. Zinc ppm.
11. Zinc availability ppm.
12. Copper ppm.
13. Sodium ppm.
14. Soluble-salts ppm.
15. Presence and quantities of problem materials including salts and metals cited in the Standard protocol. If such problem materials are present, provide additional recommendations for corrective action.
16. Other deleterious materials, including their characteristics and content of each.

E. Organic-Matter Content: Analysis using loss-by-ignition method according to SSSA's "Methods of Soil Analysis - Part 3- Chemical Methods."

F. Recommendations: Based on the test results, state recommendations for soil treatments and soil amendments to be incorporated to produce satisfactory planting soil suitable for healthy, viable plants indicated. Include, at a minimum, recommendations for nitrogen, phosphorous, and potassium fertilization, and for micronutrients.

1. Fertilizers and Soil Amendment Rates: State recommendations in weight per 1000 sq. ft. for 6-inch depth of soil.

2. Soil Reaction: State the recommended liming rates for raising pH or sulfur for lowering pH according to the buffered acidity or buffered alkalinity in weight per 1000 sq. ft. for 6-inchdepth of soil.

1.11 **DELIVERY, STORAGE, AND** HANDLING

A. Packaged Materials: Deliver packaged materials in original, unopened containers showing weight, certified analysis, name and address of manufacturer, and compliance with state and Federal laws if applicable.

B. Bulk Materials:

1. Do not dump or store bulk materials near structures, utilities, walkways and pavements, or on athletic fields or plants.
2. Provide erosion-control measures to prevent erosion or displacement of bulk materials, discharge of soil-bearing water runoff, and airborne dust reaching adjacent properties, water conveyance systems, or walkways.
3. Do not move or handle materials when they are wet or frozen.
4. Accompany each delivery of bulk fertilizers and soil amendments with appropriate certificates.

PART 2 - PRODUCTS

2.1 MATERIALS

A. Regional Materials: Imported soil, manufactured planting soil and soil amendments and fertilizers shall be manufactured or supplied from sources within 75 miles of Project site.

2.2 TESTING

A. All test reports submitted for materials must be dated within 30 days of product submittal.

2.3 PLANTING SOILS SPECIFIED ACCORDING TO PERFORMANCE REQUIREMENTS

A. Planting-Soil Type ‘A’: Existing, on-site surface soil, with the duff layer, if any, retained; and stockpiled on-site; modified to produce viable planting soil. Blend existing, on-site surface soil with soil amendments and fertilizers as indicated in the soils report.

1. Planting Soil Type ‘A’ may be available in limited quantities.
2. Stripped Topsoil for use as Planting Soil Type ‘A’ shall not be mixed with subsoil or unsuitable subgrade materials. All stripped topsoil shall be free of unsuitable materials:

a. Unacceptable Materials: Concrete slurry, concrete layers or chunks, cement, plaster, building debris, oils, gasoline, diesel fuel, paint thinner, turpentine, tar, roofing compound, acid, and other extraneous materials that are harmful to plant growth.
b. Unsuitable Materials: Stones, roots, plants, sod, clay lumps, and pockets of coarse sand that exceed a combined maximum of 8 percent by dry weight of the existing soil.
c. Large Materials: Stones, clods, roots, clay lumps, and pockets of coarse sand exceeding 1 inch in any dimension.

~~B. Planting-Soil Type 'A': Existing, on-site surface soil, with the duff layer, if any, retained; and stockpiled on site; modified to produce viable planting soil. Blend existing, on-site surface soil with soil amendments and fertilizers as indicated in the soils report.~~

~~1. Planting Soil Type 'A' is **not** available.~~

C. Planting-Soil Type 'B': Manufactured soil consisting of specified sand blended with compost and other materials to produce viable planting soil for landscape areas meeting requirements.

1. Planting Soil Type 'B': Contractor shall provide Planting Soil Type 'B'.
2. Planting Soil Type 'B' to be:

    a. Wittkopf / SiteOne Turf Builder Soil or approved equal. Contractor to submit soil tests to confirm equivalency of submitted soil.
        1) SiteOne Landscape Products
           8721 N Fairview Rd
           Spokane, WA
           Phone: (509) 467-0685

    b. Or approved equal from local source in Sandpoint, Idaho. Submittal for substitution must include all required soil testing noted above and comparison to specified planting soil.

3. The following amendments to Planting Soil Type 'B' shall be made.

    a. Required ratio of Compost.

        1) 2" minimum of compost applied to sod and turf grass seeded areas
        2) 2" minimum of compost applied to all planting areas.

    b. Soil Reaction: pH of 6 to 7.5.

    c. Fertility Amendments (as indicated by soil test):

        1) Weight of Lime.
        2) Weight of Sulfur Iron Sulfate.
        3) Weight of Agricultural Gypsum.
        4) Weight of Superphosphate.
        5) Weight of Commercial Fertilizer. As indicated for:

            a) Turf Grass Sod; starter fertilizer and maintenance fertilizer
            b) Seeded Turf Grass; starter fertilizer and maintenance fertilizer
            c) Planting areas

        6) Weight of Slow-Release Fertilizer as recommended.

4. Unacceptable Properties: Clean soil of the following:

    a. Unacceptable Materials: Concrete slurry, concrete layers or chunks, cement, plaster, building debris, oils, gasoline, diesel fuel, paint thinner, turpentine, tar, roofing compound, acid, and other extraneous materials that are harmful to plant growth.
    b. Unsuitable Materials: Stones, roots, plants, sod, clay lumps, and pockets of coarse sand that exceed a combined maximum of 8 percent by dry weight of the imported soil.

c. Large Materials: Stones, clods, roots, clay lumps, and pockets of coarse sand exceeding 2 inches in any dimension.

2.4 INORGANIC SOIL AMENDMENTS

A. Lime: ASTM C 602, agricultural liming material containing a minimum of 80 percent calcium carbonate equivalent.

B. Sulfur: Granular, biodegradable, and containing a minimum of 90 percent elemental sulfur, with a minimum of 99 percent passing through a No. 6 sieve and a maximum of 10 percent passing through a No. 40 sieve.

C. Iron Sulfate: Granulated ferrous sulfate containing a minimum of 20 percent iron and 10 percent sulfur.

D. Agricultural Gypsum: Minimum 90 percent calcium sulfate, finely ground with 90 percent passing through a No. 50 sieve.

E. Sand: Clean, washed, natural or manufactured, free of toxic materials, and according to ASTM C 33/C 33M.

2.5 ORGANIC SOIL AMENDMENTS

A. Compost: Well-composted, stable, and weed-free organic matter produced by composting feedstock, and bearing USCC's "Seal of Testing Assurance". Compost must be STA Certified Compost. Provide STA Certified Compost test results with submittal.

1. Compost to be:

a. Barr-Tech, LLC
PO 19265
Spokane, WA 99219
Contact: Ted Condon
T: 509-590-0437
Compost Manufacturing Facility
9117 Kallenberger Rd.
Sprague, WA 99032

b. Or approved equal that with current (within 2 months) STA Certified Compost Test Results demonstrating that the compost meets the US Composting Council Standards.

2. Compost Test Results: Must be STA Certified Compost Test Results per US Composting Council Requirements. Compost must comply with US Composting Council Standards.

2.6 FERTILIZERS

A. Commercial Fertilizer, Starter and Establishment: Commercial-grade complete fertilizer of neutral character, consisting of fast- and slow-release nitrogen, 50 percent derived from natural organic sources of urea formaldehyde, phosphorous, and potassium in the following composition:

1. Supplier: Planet Turf 6422 E. 2nd Ave Spokane Valley, WA 99212 509 977-1354 / Jared Whitaker

a. Starter: PROPEAT 11-11-11 at 300lbs per acre. No Substitutions

b. Establishment, 4 weeks after seeding: PROPEAT 11-11-11 at 200lbs per acre. No Substitutions

B. Final completion fertilizer as indicated by soil test. Contractor to pull samples from five locations in each field (east of building and baseball / softball fields). Submit to Planet Turf for testing and recommendations. Apply fertilizer as recommended by soils test at Final Completion and at end of maintenance period. See “Turf and Grasses” for additional requirements.

C. Slow-Release Fertilizer: Granular or pelleted fertilizer consisting of 50 percent water-insoluble nitrogen, phosphorus, and potassium.

PART 3 - EXECUTION

3.1 GENERAL

A. Place planting soil and fertilizers according to requirements in other Specification Sections.

B. Verify that no foreign or deleterious material or liquid such as paint, paint washout, concrete slurry, concrete layers or chunks, cement, plaster, oils, gasoline, diesel fuel, paint thinner, turpentine, tar, roofing compound, or acid has been deposited in planting soil.

C. Proceed with placement only after unsatisfactory conditions have been corrected.

3.2 EXAMINATION

A. Verify building and trench backfilling have been inspected.

B. Verify substrate base has been contoured and compacted.

C. Preparation of subgrade: Removal all construction debris

D. See civil and architectural plans for placement of fill prior to installation of Planting Soil Type A.

3.3 PLACING MANUFACTURED PLANTING SOIL OVER EXPOSED SUBGRADE

A. General: Apply manufactured soil on-site in its final, blended condition. Do not apply materials or till if existing soil or subgrade is frozen, muddy, or excessively wet.

B. Cleanly cut edge of existing sod where new soil is to be placed and ensure that transition between new and existing sod creates a smooth transition without ridges, humps or hollows.

C. Sodded Area Subgrade Preparation: Rip or till subgrade to a minimum depth of 6 inches. Remove stones larger than 1 inch in any dimension and sticks, roots, rubbish, and other extraneous matter from surface and legally dispose of them off Owner’s property.

1. Grade subgrade to required elevations. Coordinate with irrigation installation.
2. Mixing: Spread 6” of approved Planting Soil to depth as indicated on plans to grades as indicated and to accommodate natural settlement. Do not spread if soil or subgrade is frozen, muddy, or excessively wet.

3. Apply approximately half the thickness of planting soil over prepared, loosened subgrade. Mix thoroughly into top 2 inches of subgrade. Spread remainder of planting soil

a. Amendments: Apply fertilizer, if required, evenly on surface, and thoroughly blend them with soil.

b. Mix fertilizer with Planting Soil no more than seven days before planting.
c. Apply 2” of approved compost to all areas to be sodded and hydroseeded, till into top 2” of planting soil.

D. Planting Beds Subgrade Preparation: Remove construction debris and extraneous material from all areas to receive approved Planting Soil. Till subgrade to a minimum depth of 6 inches. Remove stones larger than 1-1/2 inches in any dimension and sticks, roots, rubbish, and other extraneous matter and legally dispose of them off Owner’s property.

1. Mixing: Spread 6” of approved Planting Soil over all designated areas. Mix first 2” into top 2” of prepared subgrade.
2. Apply 2” of approved compost to planting beds, till into top 2” of planting soil.

E. Berm Construction: Berms to be constructed with Planting Soil. See Civil and Landscape drawings for final grades. Do not place any rock, debris or unsuitable material in berms.

F. Compaction: Compact each blended lift of planting soil to 75 to 82 percent of maximum Standard Proctor density according to ASTM D 698. Soils compacted in excess of 82 percent shall be corrected to a depth of no less than 8”.

G. Application: Spread planting soil to total depth indicated on Drawings, but not less than required to meet finish grades after natural settlement. Do not spread if soil or subgrade is frozen, muddy, or excessively wet.

1. Lifts: Apply planting soil in lifts not exceeding 8 inches in loose depth for material compacted by compaction equipment, and not more than 4 inches in loose depth for material compacted by hand-operated tampers.

H. Grading Requirements, See Civil Plans for finish grades:

1. Subgrade: See Civil Plans for subgrade requirements.
2. Surface / Finish Grade: Contractor to ensure field and transitions to existing grades are smooth and free of ridges, humps and hollows greater than 1” over 10’.
3. Grade planting soil to a smooth, uniform surface plane with loose, uniformly fine texture. Roll and rake, remove ridges, and fill depressions to meet finish grades.
4. Installation Procedures:

a. Irrigation: Install irrigation system prior to installation of planting soil. See Planting Irrigation section for requirements.
b. Prior to placement of planting soil, contractor to get approval of subgrade preparation from Architect or Owner’s representative.
c. Contractor to preserve and protect installed irrigation piping, sprinklers and other improvements.
d. Do not use compaction devices on the surface material except for normal grading and tillage equipment.
e. Planting soil to be transported to the site and dumped around perimeter of the site. Contractor to utilize equipment for spreading that will not damage irrigation pipe, rutting of the subgrade or over compaction of the planting soil. Utilize plywood course over installed planting soil as necessary to protecting planting soil from rutting and excessive compaction. Under no circumstances should trucks or other equipment be allowed to travel over uncovered subgrade.
f. Post construction sod repair and seeding: See Section 329200 "Turf and Grasses" for planting turf and grasses.

I. Finish grading at building walls.

1. Top of planting soil and mineral mulch to be as directed by Owner's representative in the field. Mark elevations as directed on walls. See civil and architectural plans and specifications for additional information.

3.4 FIELD QUALITY CONTROL

A. Testing Agency: Engage a qualified testing agency to perform tests and inspections.

B. Perform the following tests and inspections:

1. Compaction: Test planting-soil compaction after placing each lift and at completion using a densitometer or soil-compaction meter calibrated to a reference test value based on laboratory testing according to ASTM D 698. Space tests at no less than one for each 1000 sq. ft. of in-place soil or part thereof. Compaction shall not exceed 85% standard proctor density.

C. Soil will be considered defective if it does not pass tests and inspections.

D. Prepare test and inspection reports.

E. Label each sample and test report with the date, location keyed to a site plan or other location system, visible conditions when and where sample was taken, and sampling depth.

F. Full depth of planting soil shall be free for rocks, construction debris or other deleterious material. See Section 32 92 00 "Turf and Grasses" for requirements.

3.5 PROTECTION

A. Protect areas of in-place soil from additional compaction, disturbance, and contamination. Prohibit the following practices within these areas except as required to perform planting operations:

1. Storage of construction materials, debris, or excavated material.
2. Parking vehicles or equipment.
3. Vehicle traffic.
4. Foot traffic.
5. Erection of sheds or structures.
6. Impoundment of water.
7. Excavation or other digging unless otherwise indicated.

B. If planting soil or subgrade is over compacted, disturbed, or contaminated by foreign or deleterious materials or liquids, remove the planting soil and contamination; restore the subgrade as directed by Architect and replace contaminated planting soil with new planting soil.

3.6 PLANTING SOIL SCHEDULE

A. Planting soil thickness: Provide planting soil Type 'B' when Type 'A' is not available.

1. Sod and Seeded Areas: 6" Planting Soil 'A ~~B~~' and 2" minimum of compost.
2. Shrub / Planting Areas: 6" Planting Soil 'A ~~B~~' and 2" minimum of compost.

B. Fertilizer: See Section 329200 Turf and Grasses and 329300 Plants for requirements.

3.7 CLEANING

A. Protect areas adjacent to planting-soil preparation and placement areas from contamination. Keep adjacent paving and construction clean and work area in an orderly condition.

B. Remove surplus soil and waste material including excess subsoil, unsuitable materials, trash, and debris and legally dispose of them off Owner's property unless otherwise indicated.

1. Dispose of excess subsoil and unsuitable materials on-site where directed by Owner.

C. Protect stormwater facilities from compaction and construction traffic. Do not cleanout concrete trucks, masonry materials, paint or other materials in landscape or stormwater facilities.

END OF SECTION 32 91 13

SECTION 32 92 00

TURF AND GRASSES

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Turfgrass Seed
2. Low Maintenance Seed

B. Schedule:

1. Seeding operations for the park must be completed by the following dates:

a. Seeding must be installed by no later than the July 1st and no later than September 1st in the fall.
b. The contractor shall fertilize, re-seed and maintain the seeded lawns as necessary, responding to both weather conditions and schedule requirements, to deliver an acceptable stand of grass.
c. Protection: All seeded areas shall be protected from access through the means of temporary fencing and site controls.
d. Maintenance shall begin immediately upon placement; however, the 3-month maintenance period will not begin until the entire project has been declared substantially complete.

C. Related Requirements:

1. Section 32 9115 “Soil Preparation”
2. Section 32 9300 “Plants”

1.2 DEFINITIONS

A. Pesticide: A substance or mixture intended for preventing, destroying, repelling, or mitigating a pest. This includes insecticides, miticides, herbicides, fungicides, rodenticides, and molluscicides. It also includes substances or mixtures intended for use as a plant regulator, defoliant, or desiccant.

B. Planting Soil: Existing, on-site soil; imported soil; or manufactured soil that has been modified with soil amendments and perhaps fertilizers to produce a soil mixture best for plant growth. See Section 329115 "Soil Preparation" and drawing designations for planting soils.

1.3 INFORMATIONAL SUBMITTALS

A. Seed certification.

1. Certification of seed mixture for turfgrass and low maintenance seed mixes.

B. Product certificates.

1.4 ACTION SUBMITTALS

A. Phased Maintenance and Acceptance Plan

1. Contractor to prepare a proposed phased maintenance plan for review and approval by Owner's representative indicating areas of phased completion, dates of completion, date of end of maintenance period and date of final completion for acceptance by Owner.

1.5 QUALITY ASSURANCE

A. Installer Qualifications: A qualified landscape Installer whose work has resulted in successful turf establishment.

1. Installer's Field Supervision: Require Installer to maintain an experienced full-time supervisor on Project site when work is in progress.

2. Personnel Certifications: Installer's field supervisor shall have certification in one of the following categories from the Professional Landcare Network:

a. Landscape Industry Certified Technician - Exterior.
b. Landscape Industry Certified Lawncare Manager.
c. Landscape Industry Certified Lawncare Technician.

3. Pesticide Applicator: State licensed, commercial.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Seed and Other Packaged Materials: Deliver packaged materials in original, unopened containers showing weight, certified analysis, name and address of manufacturer, and indication of compliance with state and Federal laws, as applicable.

PART 2 - PRODUCTS

2.1 TURF GRASS SEED

A. Turf Grass Seed, Park: Fresh, clean, dry, new-crop seed complying with AOSA's "Rules for Testing Seeds" for purity and germination tolerances.

1. Turf Grass Seed Mix:

a. Products: Subject to compliance with requirements, provide the following:
b. Turfgrass Seed / Hydroseed:

a) 30 percent Kentucky bluegrass (Poa pratensis). Three varieties, min.
b) 50 percent perennial ryegrass (Lolium perenne). Three varieties, min.
c) 20 percent creeping red fescue (Festuca rubra). One variety.

B. Low Maintenance Grass Seed: Fresh, clean, dry, new-crop seed complying with AOSA's "Rules for Testing Seeds" for purity and germination tolerances.

1. Seed Mix:

a. Products: Subject to compliance with requirements, provide the following:
1) Low Maintenance Grass Hydroseed:
a) 25% - Hard Fescue, Festuca longifolia 'Warwick'
b) 45% - Creeping Red Fescue, Festuca rubra
c) 25% - Rainier Elite Kentucky Bluegrass Blend
Rainier Seeds: www.rainierseeds.com

d) 5% - Micro-Clover blend, Submit mix for approval

2.2 FERTILIZERS

A. Commercial Fertilizer, Starter and Establishment: Commercial-grade complete fertilizer of neutral character, consisting of fast- and slow-release nitrogen, 50 percent derived from natural organic sources of urea formaldehyde, phosphorous, and potassium in the following composition:

B. Slow-Release Fertilizer: Granular or pelleted fertilizer consisting of 50 percent water-insoluble nitrogen, phosphorus, and potassium. Material in “Asphalt Emulsion” Paragraph below may be used as a tackifier in a hydroseeding slurry or to temporarily bond straw mulch in place.

2.4 HYDROSEED MULCHES & TACKIFIERS

2.5 Fiber Mulch: Biodegradable, dyed-wood, cellulose-fiber mulch; nontoxic and free of plant-growth or germination inhibitors; with a maximum moisture content of 15 percent and a pH range of 4.5 to 6.5.

A. Nature’s Own High-Density cellulose mulch or approved equal.

1. Hamilton Manufacturing, Inc. www.hmi-mfg.com

B. No asphaltic Tackifier: Colloidal tackifier recommended by fiber-mulch manufacturer for slurry application; nontoxic and free of plant-growth or germination inhibitors.

C. EM-Tack or approved equal.

2.6 PESTICIDES

A. General: Pesticide, registered and approved by the EPA, acceptable to authorities having jurisdiction, and of type recommended by manufacturer for each specific problem and as required for Project conditions and application. Do not use restricted pesticides unless authorized in writing by authorities having jurisdiction.

PART 3 - EXECUTION

3.1 TURF AREA PREPARATION

A. General: Prepare planting area for soil placement and mix planting soil according to Sections 329115 "Soil Preparation" and requirements listed below.

B. Slopes of turf areas to be 1:5 (rise:run), unless less than 3 feet in height. Slopes less than 3’ shall not exceed 1:4 with approved transitions that facilitate mowing.

C. Reduce elevation of planting soil to allow for soil thickness of sod.

D. Moisten prepared area before planting if soil is dry. Water thoroughly and allow surface to dry before planting. Do not create muddy soil.

E. Before planting, obtain Owner’s representative's acceptance of finish grading; restore planting areas if eroded or otherwise disturbed after finish grading.

3.2 TURF GRASS SEEDING

A. Seed athletic field and areas indicated on the plans as soon as possible after completion of soil preparation.

B. Mix specified seed, fertilizer, and fiber mulch in water, using equipment specifically designed for hydroseed application. Continue mixing until uniformly blended into homogenous slurry suitable for hydraulic application.

1. Apply slurry uniformly to all areas to be seeded in a 1-step process. Apply mulch at the minimum rate of 2500 lb. per acre dry weight but not less than the rate required to obtain specified seed-sowing rate.
2. Mix slurry with non-asphaltic tackifier. Submit material and recommended rate for approval.

C. Turfgrass Hydroseed: apply at a total rate of 8 lbs. PLS / 1000 sq. ft.

D. Protect seeded areas with temporary construction fencing until acceptable turf is established. No athletic activities to be conducted until turf has been established for one year.

E. Protect seeded areas with slopes exceeding 3:1 with erosion-control fiber mesh installed and stapled according to manufacturer's written instructions.

F. Protect seeded areas with erosion-control mats where indicated on Drawings; install and anchor according to manufacturer's written instructions. See Civil.

3.3 HYDROSEEDING, LOW MAINTENANCE GRASS AREAS

A. Seed athletic field and areas indicated on the plans as soon as possible after completion of soil preparation.

B. Mix specified seed, fertilizer, and fiber mulch in water, using equipment specifically designed for hydroseed application. Continue mixing until uniformly blended into homogenous slurry suitable for hydraulic application.

C. Apply slurry uniformly to all areas to be seeded in a 1-step process. Apply mulch at the minimum rate of 2500 lb. per acre dry weight but not less than the rate required to obtain specified seed-sowing rate.

D. Mix slurry with non-asphaltic tackifier. Submit material and recommended rate for approval.

E. Low Maintenance Hydroseed: apply at a total rate of 8-10 lbs. PLS / 1000 sq. ft.

F. Protect seeded areas with temporary construction fencing until acceptable turf is established. No athletic activities to be conducted until turf has been established for one year.

G. Protect seeded areas with slopes exceeding 3:1 with erosion-control fiber mesh installed and stapled according to manufacturer's written instructions.

H. Protect seeded areas with erosion-control mats where indicated on Drawings; install and anchor according to manufacturer's written instructions. See Civil.

3.4 SEEDING MAINTENANCE

A. General: Maintain and establish turf by watering, fertilizing, weeding, mowing, trimming, replanting, and performing other operations as required to establish healthy, viable turf. Roll,

regrade, and replant bare or eroded areas and re-mulch to produce a uniformly smooth turf. Provide materials and installation the same as those used in the original installation.

B. Perform maintenance in accordance with the approved Phased Maintenance and Acceptance Plan.

1. Maintenance Period: Three months from date of Substantial Completion.

a. When Substantial Completion is achieved after September 15th, maintenance period shall be extended by 2 weeks starting on April 20th of the following year.

C. Maintenance Period Fertilizer Schedule:

1. All turf areas, including those sodded or rehabilitated through the use of topdressing of fields to eliminate irregularities, raking to remove excess thatch, etc., shall receive fertilizations per the following schedule:

a. General Lawn areas: Fertilize three times during growing season with 2.4 lbs. actual nitrogen per 1000 sq. ft. per application, subject to adjustment based on soils testing and nutrient levels available and approval of the Landscape Architect.
b. Aerate turf areas three times a year during growing season, in addition to mowing, trimming and cleanup of cuttings.

D. Hydroseeded Turfgrass: mow as soon as top growth is tall enough to cut. Do not mow when ground is saturated. Repeat mowing to maintain specified height without cutting more than one-third of grass height. Remove no more than one-third of grass-leaf growth in initial or subsequent mowings.

1. Mowing Height: 2-2 ½”.
2. Contractor to maintain hydroseeded lawn for six weeks after hydroseeding and perform a minimum of 4 mowings, one per week. First mowing occurring no sooner than 21 days after seeding.
3. Maintenance period: April 1st to October 15th. If seeding occurs after September 1st, all maintenance mowings to occur the following spring unless otherwise determined by the Owner’s representative.
4. Conduct weed control to remove weeds from hydroseeded turf areas. Turf areas to be free of weeds at completion of maintenance period.
5. Fertilizer, composition and rate per approved submittal:

a. Apply fertilizer with hydroseed.
b. Apply fertilizer at end of maintenance period.
c. Perform soil test prior to end of maintenance period and provide recommended fertilizer formulation and rate based on test.
d. Submit report of fertilizer application with documentation of amount of fertilizer applied.

E. Low Maintenance Grass: mow as soon as top growth is 6”. Do not mow when ground is saturated. Repeat mowing to maintain 5” height and reduce height of weeds without cutting more than one-third of grass height. Remove no more than one-third of grass-leaf growth in initial or subsequent mowings.

1. Contractor to perform three mowings of low maintenance turf grass with first mowing occurring no sooner than 21 days after seeding.

2. Maintenance period: April 1st to October 15th. If seeding occurs after September 1st, all maintenance mowings to occur the following spring unless otherwise determined by the Owner's representative.
3. Conduct spot weed control to remove weeds but retain clover from low maintenance grass. Turf to be generally free of weeds at completion of maintenance period.
4. Fertilizer, composition and rate per approved submittal seed mix:

    a. Apply fertilizer to finish grade prior to laying seeding.
    b. Apply fertilizer at end of maintenance period.
    c. Submit report of fertilizer application with documentation of amount of fertilizer applied tailored to application on low maintenance seed.
    d. Complete two fertilizations of seeding per the soils report during maintenance period.
        1) Final fertilization to occur at completion of maintenance period.

F. Perform weed control and mowing per approved establishment schedule
G. Maintain all seeded and sodded turf areas as indicated above. Notify Owner's representative one month prior to date of completion of maintenance.
H. Contractor is responsible for irrigation scheduling until completion of maintenance and final acceptance of seeded and sodded turf grass.
I. Apply pesticides and other chemical products and biological control agents in accordance with authorities having jurisdiction and manufacturer's written recommendations. Coordinate applications with Owner's operations and others in proximity to the Work. Notify Owner before each application is performed.

3.5 SATISFACTORY ESTABLISHMENT

A. Satisfactory Turfgrass: Establish and maintain hydroseeded areas by broad leaf weed control, re-seeding, erosion repair and other operations required to establish hydroseed. Apply additional hydroseed, at specified rates, to any area exceeding 2 square feet as required to establish a uniform stand. Maintenance requirements until all additional seed is established.

    1. Treat for broad leaf weeds as necessary to achieve uniform stand of grass with no bare areas exceeding one square foot after three months or at time of Substantial Completion.
    2. Treat for broad leaf weeds as necessary to achieve uniform stand of grass with no bare areas exceeding one square foot after three months or at time of Final Completion.
    3. No weeds to be present at Substantial Completion, Final Completion and end of maintenance period.

B. Use specified materials to reestablish unsatisfactory turf and continue maintenance until turf is satisfactory.

C. All turf grass areas are to be weed free at time of Final Acceptance.

D. No mowing clippings shall remain on surface of newly mown lawn.

E. No weeds to be present at Substantial Completion and Final Completion.

3.6 SATISFACTORY LOW MAINTENANCE GRASS

A. Establish and maintain hydroseeded areas by broad leaf weed control, re-seeding, erosion repair and other operations required to establish hydroseed. Apply additional hydroseed, at specified rates, to any area exceeding 2 square feet as required to establish a uniform stand. Continue maintenance requirements until all additional seed is established.

B. Spot treat for broad leaf weeds as necessary to achieve uniform stand of grass with micro-clover with no bare areas exceeding one square foot after three months or at time of Substantial Completion.
C. Low maintenance grass with micro-clover to be generally free of weeds at both Substantial Completion and Final Completion. Specifically: no thistle, knotweed, dandelions or morning glory.

END OF SECTION 32 92 00

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SECTION 32 93 00

PLANTS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section Includes:

1. Plants.
2. Tree stabilization.
3. Tree-watering devices.
4. Landscape edgings.
5. Organic Mulches
6. Mineral Mulches

B. Related Requirements:

1. Section 329200 "Turf and Grasses" for turf grass sod planting
2. American National Standards Institute (ANSI) A 300 (Part 6) Tree, Shrub, and Other Woody Plant Management Standard Practices (Planting and Transplanting).
3. ANSI Z60.1-2014 American Standard for Nursery Stock

1.3 DEFINITIONS

A. Backfill: The earth used to replace or the act of replacing earth in an excavation.

B. Balled and Burlapped Stock: Plants dug with firm, natural balls of earth in which they were grown, with a ball size not less than diameter and depth recommended by ANSI Z60.1 for type and size of plant required; wrapped with burlap, tied, rigidly supported, and drum laced with twine with the root flare visible at the surface of the ball as recommended by ANSI Z60.1.

C. Balled and Potted Stock: Plants dug with firm, natural balls of earth in which they are grown and placed, unbroken, in a container. Ball size is not less than diameter and depth recommended by ANSI Z60.1 for type and size of plant required.

D. Root Ball Depth: Depth of the root ball is measured from the top of the ball, which in all cases shall begin at the root flare. Soil above the root flare, from being deeply planted in the nursery as a young plant, as a result of maintenance practices in the nursery, or added during harvest, shall not be included in ball depth measurement, and should be removed. See ANSI Z60.1-2014 page 12.

E. Bare-Root Stock: Plants with a well-branched, fibrous-root system developed by transplanting or root pruning, with soil or growing medium removed, and with not less than the minimum root spread according to ANSI Z60.1 for type and size of plant required.

F. Container-Grown Stock: Healthy, vigorous, well-rooted plants grown in a container, with a well-established root system reaching sides of container and maintaining a firm ball when removed from container. Container shall be rigid enough to hold ball shape and protect root mass during shipping and be sized according to ANSI Z60.1 for type and size of plant required.

G. Fabric Bag-Grown Stock: Healthy, vigorous, well-rooted plants established and grown in-ground in a porous fabric bag with well-established root system reaching sides of fabric bag. Fabric bag size is not less than diameter, depth, and volume required by ANSI Z60.1 for type and size of plant.

H. Finish Grade: Elevation of finished surface of planting soil.

I. Pesticide: A substance or mixture intended for preventing, destroying, repelling, or mitigating a pest. Pesticides include insecticides, miticides, herbicides, fungicides, rodenticides, and molluscicides. They also include substances or mixtures intended for use as a plant regulator, defoliant, or desiccant. Some sources classify herbicides separately from pesticides.

J. Pests: Living organisms that occur where they are not desired or that cause damage to plants, animals, or people. Pests include insects, mites, grubs, mollusks (snails and slugs), rodents (gophers, moles, and mice), unwanted plants (weeds), fungi, bacteria, and viruses.

K. Planting Area: Areas to be planted.

L. Planting Soil: Existing, on-site soil; imported soil; or manufactured soil that has been modified with soil amendments and perhaps fertilizers to produce a soil mixture best for plant growth. See Section 329115 "Soil Preparation" for drawing designations for planting soils.

M. Plant; Plants; Plant Material: These terms refer to vegetation in general, including trees, shrubs, vines, ground covers, ornamental grasses, bulbs, corms, tubers, or herbaceous vegetation.

N. Root Flare: Also called "trunk flare." The area at the base of the plant's stem or trunk where the stem or trunk broadens to form roots; the area of transition between the root system and the stem or trunk.

O. Stem Girdling Roots: Roots that encircle the stems (trunks) of trees below the soil surface.

P. Subgrade: The surface or elevation of subsoil remaining after excavation is complete, or the top surface of a fill or backfill before planting soil is placed.

1.4 SCOPE

A. Furnish all material, equipment and labor required to complete all of the landscaping work as shown on plans and specified herein. All existing plants and features designated to remain shall be protected from damage. If damage occurs, Contractor shall repair, to Owner's satisfaction, at no expense to the Owner or his representatives.

B. THE WORK SHALL INCLUDE, BUT IS NOT LIMITED TO, THE FOLLOWING:

1. Finish and fine grade all soil surfaces of planting areas

2. Preparation of soil in all planted areas
3. Furnish and install all plants and grasses
4. Fertilize (install only) and weed control in planting areas
5. Provide and install all mulches
6. Disposal of debris off the site
7. Install plastic edging strips and concrete mow strips
8. Install rock boulders
9. Provide temporary watering for trees.
10. Practice safe and courteous operations while on-site

C. All scaled dimensions are approximate. Before proceeding with work, the contractor shall verify all dimensions and quantities and shall immediately inform the Owner's Representative of any discrepancy between the information on the drawings and the actual conditions. Contractor shall refrain from doing any work until given approval to do so by the Owner's Representative. Proceeding with work in areas of discrepancy can nullify contractor's ability to charge extra fees.

D. When "planting totals" are shown on the plans, they are provided for the convenience of the contractor only, and are not guaranteed. All planting indicated on the drawings will be required unless indicated otherwise.

1.5 COORDINATION

A. Coordination with Turf Areas (Lawns): Plant trees, shrubs, and other plants after finish grades are established and before planting turf areas unless otherwise indicated.

1. When planting trees, shrubs, and other plants after planting turf areas, protect turf areas, and promptly repair damage caused by planting operations.

1.6 PREINSTALLATION MEETINGS

A. Preinstallation Conference: Conduct conference at Project site.

1.7 ACTION SUBMITTALS

A. Product Data: For each type of product.

1. Acquisition of Plant Materials:
   a. **Plant materials to be grown in nurseries located within 100 miles of Sandpoint, ID, or as approved by Owner prior to ordering.**
   b. Preferred nurseries include, but are not limited to:
      1) Bonners Ferry Nursery, 208-267-3020
      2) Clifty View Nursery, 209-267-7129
      3) Circle D Farm, 208-267-1016
      4) T and L Trees Wholesale Nursery, 208 699-2297
      5) Quartzite Mountain Nursery
      6) Plants of the Wild, 509-284-2848
      7) Desert Jewels Nursery, 509 893-3771
   c. Submit confirmation of source, acquisition and availability of all trees and plant material within 60 days of General Contractor's notice to proceed.
   d. Substitutions are highly discouraged; contractor is encouraged to aggressively research and procure plant material specified including size.
   e. No substitutions will be approved after approved submittal of Plant Materials.

f. Include quantities, sizes, quality, and sources for plant materials.

2. Fertilizer

B. Samples for Verification: For each of the following:

1. Mineral Mulch: 2 lbs. / ½ gallon volume of each mineral mulch required, in sealed plastic bags labeled with source of mulch. Sample shall be typical of the lot of material to be delivered and installed on-site; provide an accurate indication of color, texture, and makeup of the material.
2. Slow-Release, Tree-Watering Device: One unit of each size required.
3. Concrete mow curb profile and contractor information.

C. Phased Installation Plan

1. When planting installation extends between two planting seasons, Contractor to prepare a schedule of planting for phased installation. Submit plan for phased installation that indicates areas to be planted, schedule of substantial completion, final completion and required maintenance periods.
2. Plan to be reviewed upon completion of an installation phase for determination of start and finish dates of maintenance and warranties.
3. Plan to be submitted and approved by Owner's representative prior to start of irrigation installation.

1.8 INFORMATIONAL SUBMITTALS

A. Qualification Data: For landscape Installer. Include list of similar projects completed by Installer demonstrating Installer's capabilities and experience. Include project names, addresses, and year completed, and include names and addresses of owners' contact persons.

B. Product Certificates: For each type of manufactured product, from manufacturer, and complying with the following:

1. Manufacturer's certified analysis of standard products.
2. Analysis of other materials by a recognized laboratory made according to methods established by the Association of Official Analytical Chemists, where applicable.

C. Pesticides and Herbicides: Product label and manufacturer's application instructions specific to Project.

D. Warranty for plant material.

1.9 CLOSEOUT SUBMITTALS

A. Maintenance Data: Recommended procedures to be established by Owner for maintenance of plants during a calendar year. Submit before expiration of required maintenance periods.

B. Warranty Information: Warranty memo from contractor establishing date of start of warranty and schedule for Back-Check prior to expiration of the warranty period.

1.10 QUALITY ASSURANCE

A. Installer Qualifications: A qualified landscape installer whose work has resulted in successful establishment of plants.

1. Professional Membership: Installer shall be a member in good standing of either the Professional Landcare Network or the American Nursery and Landscape Association.
2. Experience: Three years' experience in landscape installation in addition to requirements in Section 014000 "Quality Requirements."
3. Installer's Field Supervision: Require Installer to maintain an experienced full-time supervisor on Project site when work is in progress.
4. Personnel Certifications: Installer's field supervisor shall have certification in one of the following categories from the Professional Landcare Network:

    a. Landscape Industry Certified Technician - Exterior.
    b. Landscape Industry Certified Interior.
    c. Landscape Industry Certified Horticultural Technician.

5. Pesticide Applicator: State licensed, commercial.

B. Provide quality, size, genus, species, and variety of plants indicated, complying with applicable requirements in ANSI Z60.1.

C. Measurements: Measure according to ANSI Z60.1. Do not prune to obtain required sizes.

1. Trees and Shrubs: Measure with branches and trunks or canes in their normal position. Take height measurements from or near the top of the root flare for field-grown stock and container-grown stock. Measure main body of tree or shrub for height and spread; do not measure branches or roots tip to tip. Take caliper measurements 6 inches above the root flare for trees up to 4-inch caliper size, and 12 inches above the root flare for larger sizes.
2. Other Plants: Measure with stems, petioles, and foliage in their normal position.

D. Plant Material Observation: Architect may observe plant material either at place of growth or at site before planting for compliance with requirements for genus, species, variety, cultivar, size, and quality. Architect may also observe trees and shrubs further for size and condition of balls and root systems, pests, disease symptoms, injuries, and latent defects and may reject unsatisfactory or defective material at any time during progress of work. Remove rejected trees or shrubs immediately from Project site.

1. Notify Architect of sources of planting materials seven days in advance of delivery to site.

1.11 DELIVERY, STORAGE, AND HANDLING

A. Packaged Materials: Deliver packaged materials in original, unopened containers showing weight, certified analysis, name and address of manufacturer, and indication of compliance with state and Federal laws if applicable.

B. Bulk Materials:

1. Do not dump or store bulk materials near structures, utilities, walkways and pavements, or on existing turf areas or plants.

a. Contractor shall protect concrete and asphalt from damage caused by dumping, staging or storing mineral mulch. Dump and stage mineral mulch in areas other than asphalt parking lots and concrete paving.

2. Provide erosion-control measures to prevent erosion or displacement of bulk materials; discharge of soil-bearing water runoff; and airborne dust reaching adjacent properties, water conveyance systems, or walkways.
3. Accompany each delivery of bulk materials with appropriate certificates.

C. Deliver bare-root stock plants within 24 hours of digging. Immediately after digging up bare-root stock, pack root system in wet straw, hay, or other suitable material to keep root system moist until planting. Transport in covered, temperature-controlled vehicles, and keep plants cool and protected from sun and wind at all times.

D. Do not prune trees and shrubs before delivery. Protect bark, branches, and root systems from sun scald, drying, wind burn, sweating, whipping, and other handling and tying damage. Do not bend or bind-tie trees or shrubs in such a manner as to destroy their natural shape. Provide protective covering of plants during shipping and delivery. Do not drop plants during delivery and handling.

E. Handle planting stock by root ball.

F. Store bulbs, corms, and tubers in a dry place at 60 to 65 deg F until planting.

G. Apply antidesiccant to trees and shrubs using power spray to provide an adequate film over trunks (before wrapping), branches, stems, twigs, and foliage to protect during digging, handling, and transportation.

1. If deciduous trees or shrubs are moved in full leaf, spray with antidesiccant at nursery before moving and again two weeks after planting.

H. Wrap trees and shrubs with burlap fabric over trunks, branches, stems, twigs, and foliage to protect from wind and other damage during digging, handling, and transportation.

I. Deliver plants after preparations for planting have been completed, and install immediately. If planting is delayed more than six hours after delivery, set plants and trees in their appropriate aspect (sun, filtered sun, or shade), protect from weather and mechanical damage, and keep roots moist.

1. Heel-in bare-root stock. Soak roots that are in less than moist condition in water for two hours. Reject plants with dry roots.
2. Set balled stock on ground and cover ball with soil, peat moss, sawdust, or other acceptable material.
3. Do not remove container-grown stock from containers before time of planting.
4. Water root systems of plants stored on-site deeply and thoroughly with a fine-mist spray. Water as often as necessary to maintain root systems in a moist, but not overly wet condition.

1.12 FIELD CONDITIONS

A. Field Measurements: Verify actual grade elevations, service and utility locations, irrigation system components, and dimensions of plantings and construction contiguous with new plantings by field measurements before proceeding with planting work.

B. Planting Restrictions: Plant during one of the following periods. Coordinate planting periods with maintenance periods to provide required maintenance from date of Substantial Completion.

1. Planting to be completed between March 1st and October 15th, unless otherwise noted. No planting after October 15th without prior approval from Owner's Representative.
2. All planting to be completed two weeks prior to building opening.

C. Weather Limitations: Proceed with planting only when existing and forecasted weather conditions permit planting to be performed when beneficial and optimum results may be obtained. Apply products during favorable weather conditions according to manufacturer's written instructions and warranty requirements.

1. No planting is to be conducted when the ground is frozen or when the ground is excessively wet.

1.13 WARRANTY

A. Warranty: Installer agrees to repair or replace plantings and accessories that fail in materials, workmanship, or growth within specified warranty period.

1. Failures include, but are not limited to, the following:

a. Death and unsatisfactory growth, except for defects resulting from abuse, lack of adequate maintenance, or neglect by Owner.
b. Structural failures including plantings falling or blowing over.
c. Deterioration of metals, metal finishes, and other materials beyond normal weathering.

2. Warranty Periods: From date of Final Completion acceptance for building/project or approved phase.

a. Trees, Shrubs, Vines, and Ornamental Grasses: 12 months.
b. Ground Covers, Biennials, Perennials, and Other Plants: 12 months.

3. Warranty Review Milestones:

a. Substantial Completion Punchlist: prepared by landscape architect at the request of Owner's representative.
b. Final Completion Punchlist: prepared by landscape architect at the request of Owner's representative. All landscape to be installed, all substantial completion punch list items to be completed.
c. Back Check: prepared by landscape architect at the request of the Owner's representative approximately 11 months after start of 12 month warranty period.

4. Include the following remedial actions as a minimum:

a. Immediately remove dead plants and replace unless required to plant in the succeeding planting season.
b. Replace plants that are more than 25 percent dead or in an unhealthy condition at end of warranty period.
c. A limit of one replacement of each plant is required except for losses or replacements due to failure to comply with requirements.

d. Provide extended warranty for period equal to original warranty period, for replaced plant material.

PART 2 - PRODUCTS

2.1 SUBSTITUTIONS:

A. Substitutions will not be permitted unless submitted in writing and approved by the Owner's Representative, 90 days minimum prior to scheduled planting.

2.2 PLANT MATERIAL

A. General: Furnish nursery-grown plants true to genus, species, variety, cultivar, stem form, shearing, and other features indicated in Plant List, Plant Schedule, or Plant Legend indicated on Drawings and complying with ANSI Z60.1; and with healthy root systems developed by transplanting or root pruning. Provide well-shaped, fully branched, healthy, vigorous stock, densely foliated when in leaf and free of disease, pests, eggs, larvae, and defects such as knots, sun scald, injuries, abrasions, and disfigurement.

1. Trees with damaged, crooked, or multiple leaders; tight vertical branches where bark is squeezed between two branches or between branch and trunk ("included bark"); crossing trunks; cut-off limbs more than 3/4 inch in diameter; or with stem girdling roots are unacceptable.
2. Collected Stock: Do not use plants harvested from the wild, from native stands, from an established landscape planting, or not grown in a nursery unless otherwise indicated.

B. Provide plants of sizes, grades, and ball or container sizes complying with ANSI Z60.1 for types and form of plants required. Plants of a larger size may be used if acceptable to Architect, with a proportionate increase in size of roots or balls.

1. Trees, minimum caliper: Two inches (2").
2. Measurements:

a. Where dimensions of any specified plant materials are omitted from the plant list, it shall be understood that these plant materials shall be of normal stock size for type and container or caliper size listed.
b. Plant material larger than those specified may be supplied in compliance with all other respect, and at no additional cost to the Owner and with the approval of the Owner's Representative.
c. Shape and form: Plant materials shall be symmetrical, and/or typical for variety and species and conform to size specified in the Plant List.
d. All plant materials shall be provided from a licensed nursery or other source, which has been previously inspected by a State/County Horticultural Department and shall be subject to acceptance by the Owner's representative.

C. Root-Ball Depth: Furnish trees and shrubs with root balls measured from top of root ball, which begins at root flare according to ANSI Z60.1. Root flare shall be visible before planting.

D. Labeling: Label at least one plant of each variety, size, and caliper with a securely attached, waterproof tag bearing legible designation of common name and full scientific name, including genus and species. Include nomenclature for hybrid, variety, or cultivar, if applicable for the plant.

E. If formal arrangements or consecutive order of plants is indicated on Drawings, select stock for uniform height and spread, and number the labels to assure symmetry in planting.

2.3 FERTILIZERS

A. Planting Tablets: Tightly compressed chip-type, long-lasting, slow-release, commercial-grade planting fertilizer in tablet form. Tablets shall break down with soil bacteria, converting nutrients into a form that can be absorbed by plant roots.

1. Agriform 20-10-5 Slow Release Fertilizer Tablets or approved equal.
2. Size: 21-gram tablets.
3. Nutrient Composition: 20 percent nitrogen, 10 percent phosphorous, and 5 percent potassium, by weight plus micronutrients.

2.4 WEED-CONTROL BARRIERS

A. Nonwoven Geotextile Filter Fabric: Polypropylene or polyester fabric, 3 oz./sq. yd. minimum, composed of fibers formed into a stable network so that fibers retain their relative position. Fabric shall be inert to biological degradation and resist naturally encountered chemicals, alkalis, and acids.

B. Composite Fabric: Woven, needle-punched polypropylene substrate bonded to a nonwoven polypropylene fabric, 4.8 oz./sq. yd.

2.5 MULCHES

A. Mineral Mulch: Hard, durable stone, washed free of loam, sand, clay, and other foreign substances, of the following type, size range, and color:

1. Type A: Crushed Granite.
   Location as indicated on plans; planting areas typical.
   a. Size Range: 1” crushed granite, no fines.
   b. Color: Natural color range acceptable to Architect.
   c. Depth in planting areas: 2”.
2. Type B Utility Areas: Clean Basalt
   Location as indicated on plans.
   a. Size Range: 5/8” diameter.
   b. Color: Uniform beige to buff color range acceptable to Architect.
   c. Depth in planting areas: 3”.

2.6 PESTICIDES

A. General: Pesticide registered and approved by the EPA, acceptable to authorities having jurisdiction, and of type recommended by manufacturer for each specific problem and as required for Project conditions and application. Do not use restricted pesticides unless authorized in writing by authorities having jurisdiction.

B. Pre-Emergent Herbicide (Selective and Nonselective): Effective for controlling the germination or growth of weeds within planted areas at the soil level directly below the mulch/weed control barrier layer.

C. Post-Emergent Herbicide (Selective and Nonselective): Effective for controlling weed growth that has already germinated.

2.7 TREE-WATERING DEVICES

A. Slow-Release Watering Device: Standard product manufactured for drip irrigation of plants and emptying its water contents over an extended time period; manufactured from UV-light-stabilized nylon-reinforced polyethylene sheet, PVC, or HDPE plastic.

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

   a. BIO-PLEX.
   b. Spectrum Products, Inc.

2. Color: green.
3. Size/Volume: 15 Gallons

2.8 TREE-STABILIZATION MATERIALS

1. Upright and Guy Stakes: Rough-sawn, sound, new softwood with specified wood pressure-preservative treatment, free of knots, holes, cross grain, and other defects, 2-by-2-inch nominal by length indicated, pointed at one end.
2. Tree-Tie Webbing: UV-resistant polypropylene or nylon webbing.
   a. ArborTie or approved equal. Deep Root, Inc.
   http://www.deeproot.com/products/arbortie/applications
3. Proprietary Staking-and-Guying Devices: Proprietary stake or anchor and adjustable tie systems to secure each new planting by plant stem; sized as indicated and according to manufacturer's written recommendations.

   a. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

      1) Arborbrace.
      2) DeepRoot Green Infrastructure, LLC.

2.9 MISCELLANEOUS PRODUCTS

A. Antidesiccant: Water-insoluble emulsion, permeable moisture retarder, film forming, for trees and shrubs. Deliver in original, sealed, and fully labeled containers and mix according to manufacturer's written instructions.

B. Burlap: Non-synthetic, biodegradable.

2.10 LANDSCAPE EDGINGS

A. Concrete mow curb: see plans and details.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine areas to receive plants, with Installer present, for compliance with requirements and conditions affecting installation and performance of the Work.

1. Verify that no foreign or deleterious material or liquid such as paint, paint washout, concrete slurry, concrete layers or chunks, cement, plaster, oils, gasoline, diesel fuel, paint thinner, turpentine, tar, roofing compound, or acid has been deposited in soil within a planting area.
2. Verify that plants and vehicles loaded with plants can travel to planting locations with adequate overhead clearance.
3. Suspend planting operations during periods of excessive soil moisture until the moisture content reaches acceptable levels to attain the required results.
4. Suspend planting operations during periods of freezing temperatures until the ground is not frozen between 7:00am and 5:00pm.
5. Uniformly moisten excessively dry soil that is not workable or which is dusty.

B. Verify that rough grade has been established as required to permit the installation of planting soil and mulches to specified depths.

C. If contamination by foreign or deleterious material or liquid is present in soil within a planting area, remove the soil and contamination as directed by Architect and replace with new planting soil.

D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. Protect structures, utilities, sidewalks, pavements, and other facilities and turf areas and existing plants from damage caused by planting operations.

B. Install erosion-control measures to prevent erosion or displacement of soils and discharge of soil-bearing water runoff or airborne dust to adjacent properties and walkways. See civil engineering plans for erosion-control measures/plans.

C. Lay out individual tree and shrub locations and areas for multiple plantings. Stake locations, outline areas, adjust locations when requested, and obtain Architect's acceptance of layout before excavating or planting. Make minor adjustments as required.

D. Lay out plants at locations directed by Architect. Stake locations of individual trees and shrubs and outline areas for multiple plantings.

3.3 PLANTING AREA ESTABLISHMENT

A. General: Prepare planting area for soil placement and mix planting soil according to Section 329113 "Soil Preparation."

B. Placing Planting Soil: Place and mix planting soil in-place over exposed subgrade. Blend planting soil in place. See Soil Plan for depths.

C. Before planting, obtain Owner's representative's acceptance of finish grading; restore planting areas if eroded or otherwise disturbed after finish grading.

3.4 EXCAVATION FOR TREES AND SHRUBS

A. Planting Pits and Trenches: Excavate circular planting pits.

1. Excavate planting pits with sides sloping inward at a 45-degree angle. Excavations with vertical sides are unacceptable. Trim perimeter of bottom leaving center area of bottom raised slightly to support root ball and assist in drainage away from center. Do not further disturb base. Ensure that root ball will sit on undisturbed base soil to prevent settling. Scarify sides of planting pit smeared or smoothed during excavation.
2. Excavate approximately three times as wide as ball diameter for balled and burlapped, potted container-grown and fabric bag-grown stock.
3. Excavate at least 12 inches wider than root spread and deep enough to accommodate vertical roots for bare-root stock.
4. Do not excavate deeper than depth of the root ball, measured from the root flare to the bottom of the root ball.
5. If area under the plant was initially dug too deep, add soil to raise it to the correct level and thoroughly tamp the added soil to prevent settling.
6. Maintain angles of repose of adjacent materials to ensure stability. Do not excavate subgrades of adjacent paving, structures, hardscapes, or other new or existing improvements.
7. Maintain supervision of excavations during working hours.
8. Keep excavations covered or otherwise protected after working hours.
9. Install watering basins around base of all plants as indicated in the details. Bubblers and emitters to be located in the water basin.

B. Backfill Soil: Subsoil and topsoil removed from excavations may be used as backfill soil unless otherwise indicated.

C. Obstructions: Notify Architect if unexpected rock or obstructions detrimental to trees or shrubs are encountered in excavations.

1. Hardpan Layer: Drill 6-inch-diameter holes, 24 inches apart, into free-draining strata or to a depth of 10 feet, whichever is less, and backfill with free-draining material.

D. Drainage: Notify Architect if subsoil conditions evidence unexpected water seepage or retention in tree or shrub planting pits.

E. Fill excavations with water and allow to percolate away before positioning trees and shrubs.

3.5 TREE, SHRUB, AND VINE PLANTING

A. Tree planting shall be in accordance with drawings, details, ANSI A300 and ANSI Z60.1-2014. Failure to install per drawings, details and standards may result in rejection of trees.

1. Tree and shrub plantings required by permitting agency shall be installed per agencies requirements. Notify Owner's representative of any conflict between requirements or onsite conditions. See drawings and details for additional information.

B. Inspection: At time of planting, verify that root flare is visible at top of root ball according to ANSI Z60.1. If root flare is not visible, remove soil in a level manner from the root ball to where

the top-most root emerges from the trunk. After soil removal to expose the root flare, verify that root ball still meets size requirements.

C. Roots: Remove stem girdling roots and kinked roots. Remove injured roots by cutting cleanly; do not break.

D. Balled and Burlapped Stock: Set each plant plumb and in center of planting pit or trench with root flare 1 inch above adjacent finish grades. Planting shall be in accordance with drawings, details, ANSI A300 and ANSI Z60.1-2014. Failure to install per drawings, details and standards may result in rejection of trees.

1. Backfill: Planting Soil 'B' as available.
2. After placing some backfill around root ball to stabilize plant, carefully cut and completely remove burlap, rope, and wire baskets from tops, sides and bottoms of root balls. Remove pallets, if any, before setting. Do not use planting stock if root ball is cracked or broken before or during planting operation.
3. Backfill around root ball in layers, tamping to settle soil and eliminate voids and air pockets. When planting pit is approximately one-half filled, water thoroughly before placing remainder of backfill. Repeat watering until no more water is absorbed.
4. Place planting tablets equally distributed around each planting pit when pit is approximately one-half filled or 4" below finish grade. Place tablets beside the root ball about 1 inch from root tips; do not place tablets in bottom of the hole.

    a. Quantity:
        1) 5 gallon (24" spread/height) and smaller shrubs, perennials and groundcovers: Three per plant
        2) 5 gallon and larger shrubs: Five per plant.
        3) Trees: 2" and larger trees: Six per tree
        4) Evergreen trees: One for each foot of height; i.e. 6' tree = six planting tablets.

5. Continue backfilling process. Water again after placing and tamping final layer of soil.

E. Balled and Potted and Container-Grown Stock: Set each plant plumb and in center of planting pit or trench with root flare 1 inch above adjacent finish grades.

1. Backfill: Planting soil per Soil Preparation section.
2. Carefully remove root ball from container without damaging root ball or plant.
3. Backfill around root ball in layers, tamping to settle soil and eliminate voids and air pockets. When planting pit is approximately one-half filled, water thoroughly before placing remainder of backfill. Repeat watering until no more water is absorbed.
4. Place planting tablets equally distributed around each planting pit when pit is approximately one-half filled. Place tablets beside the root ball about 1 inch from root tips; do not place tablets in bottom of the hole.

    a. Quantity:
        1) 5 gallon (24" spread/height) and smaller shrubs, perennials and groundcovers: Three per plant
        2) 5 gallon and larger shrubs: Five per plant.
        3) Trees: 2" and larger trees: Six per tree
        4) Evergreen trees: One for each foot of height; i.e. 6' tree = six planting tablets.

5. Continue backfilling process. Water again after placing and tamping final layer of soil.

F. Bare Root Stock: Set each plant plumb and in center of planting pit or trench with root flare 1 inch above adjacent finish grades.

1. Backfill: Planting soil per Soil Preparation section.
2. Carefully remove root ball from container without damaging root ball or plant.
3. Backfill around root ball in layers, tamping to settle soil and eliminate voids and air pockets. When planting pit is approximately one-half filled, water thoroughly before placing remainder of backfill. Repeat watering until no more water is absorbed.
4. Place planting tablets equally distributed around each planting pit when pit is approximately one-half filled. Place tablets beside the root ball about 1 inch from root tips; do not place tablets in bottom of the hole.

    a. Quantity:
        1) 5 gallon (24” spread/height) and smaller shrubs, perennials and groundcovers: Three per plant
        2) 5 gallon and larger shrubs: Five per plant.
        3) Trees: 2” and larger trees: Six per tree
        4) Evergreen trees: One for each foot of height; i.e. 6’ tree = six planting tablets.
5. Continue backfilling process. Water again after placing and tamping final layer of soil.

G. All tree trunks to be wrapped with craft paper type tree wrap tape. Ensure that tree trunks are free of damage prior to application of tree tape.

H. Slopes: When planting on slopes, set the plant so the root flare on the uphill side is flush with the surrounding soil on the slope; the edge of the root ball on the downhill side will be above the surrounding soil. Apply enough soil to cover the downhill side of the root ball.

1. Install watering basin on slope to collect water from bubblers and drip emitters.

3.6 TREE, SHRUB, AND VINE PRUNING

A. Remove only dead, dying, or broken branches. Do not prune for shape.

B. Prune, thin, and shape trees, shrubs, and vines as directed by Architect.

C. Prune, thin, and shape trees, shrubs, and vines according to standard professional horticultural and arboricultural practices. Unless otherwise indicated by Architect, do not cut tree leaders; remove only injured, dying, or dead branches from trees and shrubs; and prune to retain natural character.

D. Do not apply pruning paint to wounds.

3.7 TREE STABILIZATION

A. Trunk Stabilization by Upright Staking and Tying: Install trunk stabilization as follows unless otherwise indicated:

1. Upright Staking and Tying: as indicated on Drawings.

2. Proprietary Staking and Guying Device: Install staking and guying system sized and positioned as recommended by manufacturer unless otherwise indicated and according to manufacturer's written instructions.

3.8 GROUND COVER AND PLANT PLANTING

A. Set out and space ground cover and plants other than trees, shrubs, and vines as indicated on Drawings in even rows with triangular spacing.

B. Use planting soil per Soil Preparation section for backfill.

C. Dig holes large enough to allow spreading of roots.

D. For rooted cutting plants supplied in flats, plant each in a manner that minimally disturbs the root system but to a depth not less than two nodes.

E. Work soil around roots to eliminate air pockets and leave a slight saucer indentation around plants to hold water.

F. Water thoroughly after planting, taking care not to cover plant crowns with wet soil.

G. Protect plants from hot sun and wind; remove protection if plants show evidence of recovery from transplanting shock.

3.9 INSTALLATION OF MULCHES

A. Mineral mulch shall not be staged on concrete or asphalt paving without prior approval from the Owner's representative. Contractor to take all necessary measures to protect surfaces from damage.

B. Protect plants from damage during installation of mineral mulch.

C. Install weed-control barriers after irrigation, planting soil installation and before mulching according to manufacturer's written instructions. Completely cover area to be mulched, overlapping edges a minimum of 6 inches and secure seams with galvanized pins.

1. Edges of weed-control barriers to be wrapped down against side of hardscape. No loose edges of barrier fabric to be visible.

D. Planting Areas with Mineral Mulch, Type 'A'

1. Provide Mineral Mulch, Type 'A' over all planting areas indicated for mineral mulch. Does not include areas with Organic Mulch, Type 'D'. Rake mineral mulch smooth.
   a. Apply pre-emergent per manufacturer's written specifications.
   b. Paint or otherwise mark areas for installation of Mineral Mulch, Type 'B' and 'C' as shown on the plans. Owner's representative to approve layout prior to installation of Mineral Mulch Type 'B' and 'C'.

E. Utility Areas with Mineral Mulch, Type 'B'

1. Provide Mineral Mulch, Type 'B' over all areas indicated on plans. Rake mineral mulch smooth.
   a. Apply pre-emergent per manufacturer's written specifications.
   b. Paint or otherwise mark areas for installation of Mineral Mulch, Type 'B' as shown on the plans. Owner's representative to approve layout prior to installation of Mineral Mulch Type 'B'.

c. Compact mineral mulch in areas indicated with a roller or plate compactor to approximately 90% over entire area.

F. Mulch backfilled surfaces of planting areas and other areas indicated.

1. Trees and Treelike Shrubs in Turf Areas: Apply organic mulch ring of 3-inch average thickness, with 36-inch radius around trunks or stems. Do not place mulch within 6 inches of trunks or stems.

3.10 CONCRETE MOW-CURB INSTALLATION

A. General: Install concrete mow-curb around trees in turf grass and between planting areas and turf grass, typical.

B. Concrete Mow-curb, between turf grass and planting areas: Concrete mow-curb to separate mulched areas from turf areas. See Drawings and Details for construction. Profile: flat, ¼" rounded edges.
1. All trees planting in turf areas are to be installed with a mow curb per the drawings and details.

C. Mow-Curb Installation:

1. Excavate for mow-curb as indicated on Drawings.
2. Compact subgrade uniformly beneath mow-curb.
3. Apply nonselective, pre-emergent herbicide that inhibits growth of grass and weeds.
4. Install concrete mow-curb, delineating the edge of mow strip.

3.11 PLANT MAINTENANCE

A. Maintain plantings by pruning, cultivating, watering, weeding, fertilizing, mulching, restoring planting saucers, adjusting, and repairing tree-stabilization devices, resetting to proper grades or vertical position, and performing other operations as required to establish healthy, viable plantings.

B. Fill in, as necessary, soil subsidence that may occur because of settling or other processes. Replace mulch materials damaged or lost in areas of subsidence.

C. Apply treatments as required to keep plant materials, planted areas, and soils free of pests and pathogens or disease. Use integrated pest management practices when possible to minimize use of pesticides and reduce hazards. Treatments include physical controls such as hosing off foliage, mechanical controls such as traps, and biological control agents.

3.12 PESTICIDE APPLICATION

A. Apply pesticides and other chemical products and biological control agents according to authorities having jurisdiction and manufacturer's written recommendations. Coordinate applications with Owner's operations and others in proximity to the Work. Notify Owner before each application is performed.

B. Pre-Emergent Herbicides (Selective and Nonselective): Apply to tree, shrub, and ground-cover areas according to manufacturer's written recommendations. Do not apply to seeded areas.

C. Post-Emergent Herbicides (Selective and Nonselective): Apply only as necessary to treat already-germinated weeds and according to manufacturer's written recommendations.

3.13 INSTALLING SLOW-RELEASE WATERING DEVICE

A. Provide one device for each tree.

1. Install to provide supplemental watering for trees.
2. Install and maintain for trees planted from June 1st – September 15th of first year of planting.

B. Place device on top of the mulch at base of tree stem and fill with water according to manufacturer's written instructions.

C. Fill bags twice a week from time of planting until September 1st. Once per week from September 1st until Final Completion/September 15th.

3.14 REPAIR AND REPLACEMENT

A. General: Repair or replace existing or new trees and other plants that are damaged by construction operations, in a manner approved by Architect.

1. Submit details of proposed pruning and repairs.
2. Perform repairs of damaged trunks, branches, and roots within 24 hours, if approved.
3. Replace trees and other plants that cannot be repaired and restored to full-growth status, as determined by Architect.

A. Remove and replace trees that are more than 25 percent dead or in an unhealthy condition before the end of the corrections period or are damaged during construction operations that Architect determines are incapable of restoring to normal growth pattern.

1. Provide new trees of same size as those being replaced for each tree of 4 inches or smaller in caliper size.
2. Provide one new tree(s) of 4-inch caliper size for each tree being replaced that measures more than 4 inches in caliper size.
3. Species of Replacement Trees: Same species being replaced.

3.15 CLEANING AND PROTECTION

A. During planting, keep adjacent paving and construction clean and work area in an orderly condition. Clean wheels of vehicles before leaving site to avoid tracking soil onto roads, walks, or other paved areas.

B. Remove surplus soil and waste material including excess subsoil, unsuitable soil, trash, and debris and legally dispose of them off Owner's property.

C. Protect plants from damage due to landscape operations and operations of other contractors and trades. Maintain protection during installation and maintenance periods. Treat, repair, or replace damaged plantings.

D. After installation and before Substantial Completion, remove nursery tags, nursery stakes, tie tape, labels, wire, burlap, and other debris from plant material, planting areas, and Project site.

E. At time of Substantial Completion, verify that tree-watering devices are in good working order and leave them in place. Replace improperly functioning devices.

F. Protect adjacent landscape areas disturbed from construction during establishment.

3.16 MAINTENANCE SERVICE

A. Maintenance Service for Trees and Shrubs: Provide maintenance by skilled employees of landscape Installer. Maintain as required in "Plant Maintenance" Article. Begin maintenance immediately after plants are installed and continue until plantings are acceptably healthy and well established, but for not less than maintenance period below:

1. Maintenance Period: Three months from date of Substantial Completion. When two weeks or more of the maintenance period is not completed prior to October 15, one month of maintenance is required commencing on April 1st or at spring start-up of the irrigation system whichever occurs first.

B. Maintenance Service for Ground Cover and Other Plants: Provide maintenance by skilled employees of landscape Installer. Maintain as required in "Plant Maintenance" Article. Begin maintenance immediately after plants are installed and continue until plantings are acceptably healthy and well established, but for not less than maintenance period below:

1. Maintenance Period: Three months from date of Substantial Completion. When two weeks or more of the maintenance period is not completed prior to October 15, one month of maintenance is required commencing on April 1st or at spring start-up of the irrigation system whichever occurs first.

C. Apply pre-emergent in accordance with manufacturer's recommendations to all planting areas at completion of maintenance period. All planting areas to be weed free at completion of maintenance period.

3.17 SUBSTANTIAL AND FINAL COMPLETION

A. Substantial Completion:

1. Landscape substantial completion is achieved when all plantings and associated irrigation are completed. Contractor to notify Architect that the landscape is ready for Substantial Completion review and punch-list preparation. All planting areas are to be weed free with pre-emergent applied.
2. Contractor to notify appropriate permitting agency for street trees or landscape requirements that the landscape is ready for review. Contractor to coordinate with Owner's representative to respond or correct deficiencies in the planting to meet agency approval requirements in advance of Final Completion and/or application for Certificate of Occupancy whichever comes first.
3. Substantial completion punch-list to be completed by Architect and punch-list items delivered to Contractor for correction.
4. Substantial Completion is achieved when all Substantial Completion punch-list items have been completed and an annotated punch-list is delivered to the Architect.

B. Final Completion: Landscape final completion is achieved when all plantings and associated irrigation are completed, substantial completion punch list items have been completed.

1. Contractor to annotate Substantial Completion punch list that each line item has been corrected or action taken. Notify Architect that the landscape is ready for Final Completion review and punch-list preparation. All planting areas are to be weed free with pre-emergent applied.
2. Final completion punch-list to be completed by Architect and punch-list items delivered to Contractor for correction.
3. Final Completion is achieved when all punch-list items have been resolved.

C. Apply pre-emergent in accordance with manufacturer's recommendations to all planting areas at completion of maintenance period. All planting areas to be weed free at completion of maintenance period.

D. Back Check: Final back check for warranty to be completed two-weeks prior to end of warranty period. Contractor to review site and landscape installation prior to backcheck to identify issues.

1. Phased back check and warranty review to be completed only with approved phased installation schedule.

3.18 PLANT SIZE/GALLON CHART MINIMUM REQUIREMENTS

A. Plant Requirements for minimum planting standards

B. Reference: American Standard for Nursery Stock, ANZI Z60.1-2014

C. Deciduous and Evergreen Shrubs

Container (gallon) size	Minimum Height or Spread	Minimum spread of roots or root ball diameter
4" Plug	6 in.	3 in.
#1	6 in.	4 in.
#2	12 in.	6 in.
#3	18 in.	10 in.
#5	24 in.	12 in.

D. Deciduous Trees

Caliper size	Average Height Range	Minimum spread of roots or root ball diameter
1 1/2 in.	8 to 12 ft.	12 in.
1 3/4 in.	8 to 12 ft.	13 1/8 in.
2"	9 to 14 ft.	24 in.
2 1/2 in.	10 to 14 ft.	28 in.
3"	11 to 16 ft.	32 in.

E. Evergreen Trees

Average Height Range	Minimum Spread	Minimum spread of roots or root ball diameter
6 to 7 ft.	4 ft.	12 in.
7 to 8 ft.	5 ft.	14 in.
8 to 9 ft.	6 ft.	24 in.

END OF SECTION 32 93 00

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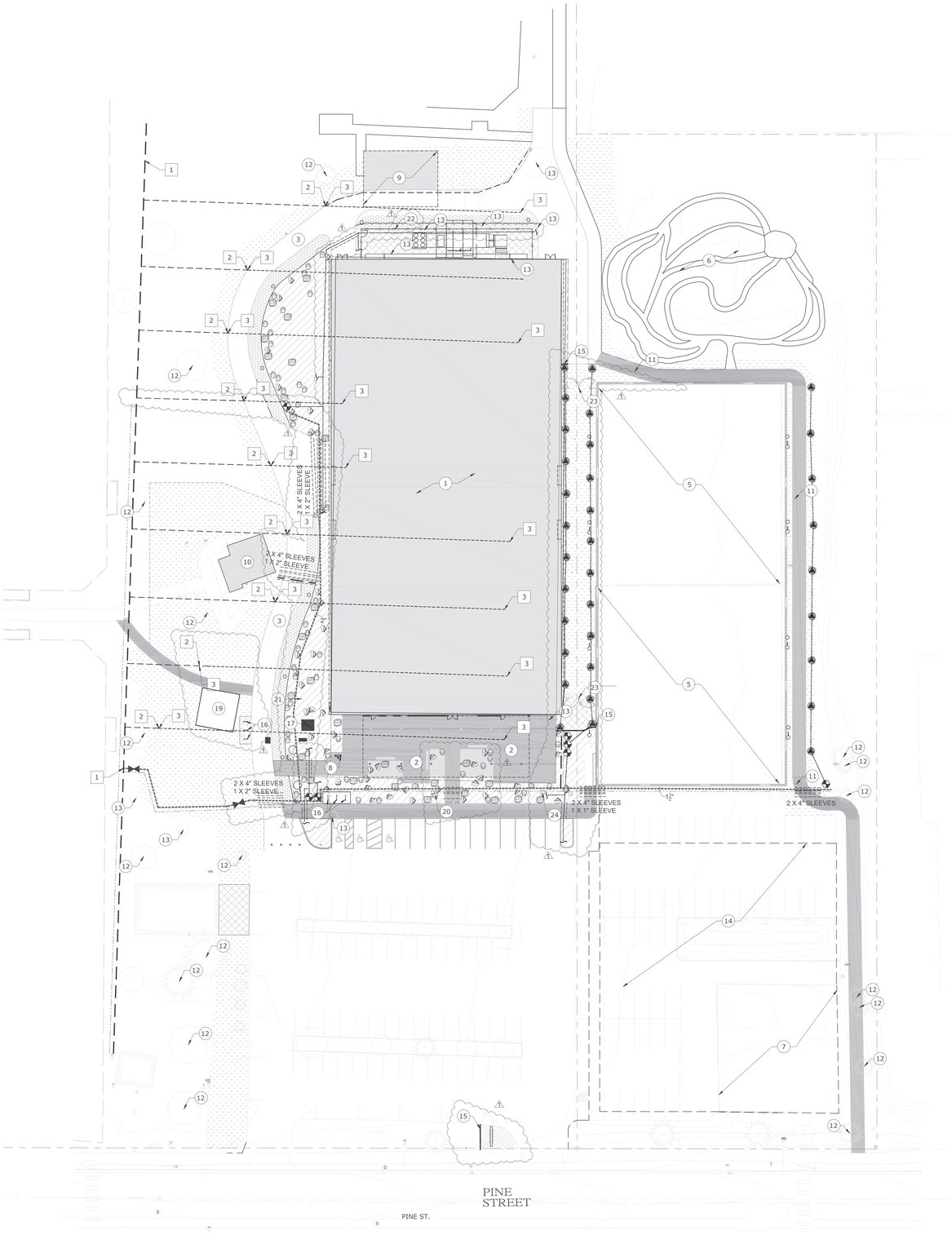

A IRRIGATION PLAN

GRAPHIC SCALE
30 0 15 30 60
(IN FEET)
1 inch = 30 ft.

CALLOUTS

1. NEW SPORTS COMMUNITY BUILDING. SEE ARCHITECTURE PLANS.
2. HARDSCAPE. SEE ARCHITECTURE AND CIVIL PLANS.
3. 12' WIDE ASPHALT TRAIL WITH 4' GRAVEL SHOULDERS FOR FIRE ACCESS, SEE CIVIL.
4. SCULPTURE BASE. SEE SHEET L3.0, DETAIL R.
5. TENNIS COURTS. PRESERVE AND PROTECT.
6. BIKE SKILLS COURSE, BY OTHERS.
7. EXISTING SKATE PARK TO REMAIN.
8. DRINKING FOUNTAIN ON CONCRETE PAD. CONTEMPORARY DRINKING FOUNTAINS, GYQ84 SERIES, SEE SPECIFICATIONS. SEE CIVIL FOR CONCRETE.
9. BATTING CAGES. LOCATION APPROXIMATE. SALVAGE TO OWNER.
10. EXISTING RESTROOMS AND CONCESSION BUILDING TO REMAIN.
11. NEW TRAIL. SEE CIVIL.
12. EXISTING TREE TO REMAIN, PRESERVE AND PROTECT.
13. EXISTING TREE PREVIOUSLY REMOVED, BID PACK 1.
14. SKATEPARK EXPANSION AREA. SEE PLANS BY DREAMLAND.
15. POLY EDGING MOWCURB. SEE SHEET L3.0, DETAIL I.
16. BIKE RACKS ON CONCRETE PAD. BIKE RACK: SPORTWORKS TOFINO NO SCRATCH BIKE RACK, SEE SPECIFICATIONS. SEE CIVIL FOR CONCRETE.
17. TRANSFORMER. SEE ELECTRICAL.
18. RELOCATED PLAYGROUND AS PART OF BID PACKAGE #1.
19. RELOCATED PICNIC SHELTER. SEE ARCHITECTURE AND CIVIL.
20. LOW ROCK RETAINING WALL. SEE SHEET L3.0, DETAIL S.
21. EXISTING OAK TREE TO REMAIN, PRESERVE AND PROTECT. SEE SECTION 01 56 39 TEMPORARY TREE AND PLANT PROTECTION FOR AIR SPADING AND OTHER REQUIREMENTS FOR WORK WITHIN TREE PROTECTION ZONES.
22. 12' SLIDING GATE OVER 18" WIDE X 6" DEPTH MOWCURB. SEE SHEET L3.0, DETAIL O. LOCATION TO BE APPROVED BY OWNER IN THE FIELD.
23. 12' SWING GATE. SEE SHEET L3.0, DETAIL P. LOCATION TO BE APPROVED BY OWNER IN THE FIELD.
24. FLAG POLE. SEE ARCHITECTURE.

LEGEND

- PLANTER AREA WITH BUBBLER IRRIGATION. ONE (1) BUBBLER PER SHRUB, TWO (2) BUBBLERS PER TREE.
- TURF AREA WITH EXISTING OVERHEAD IRRIGATION. RELOCATE EXISTING HEADS AS NECESSARY TO ACCOMMODATE NEW SITE FEATURES. ENSURE HEAD TO HEAD COVERAGE. REPAIR AREAS DAMAGED BY CONSTRUCTION. SEE HYDROSEED SPECIFICATIONS.
- HYDROSEEDED LOW MAINTENANCE DRYLAND GRASS SEED MIX. SEE SPECIFICATIONS.
- RELOCATED PLAYGROUND AREA. 12" OF ENGINEERED WOOD FIBER. SEE SPECIFICATIONS.
- 4' WIDE GRAVEL FIRE LANE SHOULDER. SEE CIVIL PLANS.
- UTILITY AREA WITH 2" OF MINERAL MULCH TYPE 'B'. SEE PLANTING NOTES FOR TYPE.
- PEELED CEDAR LOG. SEE SPECIFICATIONS SECTION SITE FURNISHINGS 12 93 00.
- 2-5' GRANITE BOULDER. 25% OF BOULDERS SHOULD BE 2' WIDE, AND 75% SHOULD BE LARGER THAN 2'. SEE SPECIFICATIONS SECTION SITE FURNISHINGS 12 93 00.
- CHAINLINK FENCE AND SLIDING GATE. SEE SHEET L3.0, DETAILS N AND Q.
- LIGHTS. SEE ELECTRICAL.
- NEW PLANTER AREA WITH EXISTING OVERHEAD IRRIGATION. RELOCATE EXISTING HEADS AS NECESSARY TO ACCOMMODATE NEW SITE FEATURES. ENSURE HEAD TO HEAD COVERAGE. REPAIR AREAS DAMAGED BY CONSTRUCTION.

IRRIGATION CALLOUTS

1. EXISTING IRRIGATION MAINLINE, PRESERVE AND PROTECT. LOCATION APPROXIMATE. VERIFY IN FIELD.
2. CAP EXISTING LATERAL LINE. LOCATION APPROXIMATE. VERIFY IN FIELD. ADD ONE HALF OR ADJUSTABLE SPRAY HEAD. ADJUST HEADS TO PROVIDE HEAD TO HEAD COVERAGE.
3. EXISTING LATERAL LINE TO BE REMOVED. LOCATION APPROXIMATE. VERIFY IN FIELD.

IRRIGATION LEGEND

- EXISTING IRRIGATION MAINLINE, PRESERVE AND PROTECT. LOCATION APPROXIMATE. VERIFY IN FIELD.
- EXISTING LATERAL LINE. LOCATION APPROXIMATE. VERIFY IN FIELD.
- EXISTING LATERAL LINE TO BE REMOVED. LOCATION APPROXIMATE. VERIFY IN FIELD.
- NEW MAINLINE. 2" SCH 40 PVC.
- NEW LATERAL LINE - SCHEDULE 40 PVC - 1" UNLESS OTHERWISE NOTED.
- NEW PIPE SLEEVE - SCHEDULE 40 PVC. SEE SPECIFICATIONS.
- CONTROL WIRE IN CONDUIT.
- NEW IRRIGATION VALVE TO MATCH EXISTING.
- HUNTER MP2000 PROS-04-PRS40-CV TURF ROTATOR, 4IN. POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE ON PRS40 BODY.
- HUNTER MP3000 PROS-04-PRS40-CV TURF ROTATOR, 4IN. POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE ON PRS40 BODY.
- ISOLATION VALVE. LINE SIZE. SEE SHEET L3.0, DETAIL B.

IRRIGATION NOTES

1. CONTRACTOR SHALL CALL 811 TO LOCATE ALL EXISTING ABOVE OR BELOW GRADE ON-SITE UTILITIES PRIOR TO COMMENCEMENT OF WORK, INCLUDING PLANTING. THE LOCATIONS OF UTILITIES, STRUCTURES AND SERVICES SHOWN IN THE CONTRACT DOCUMENTS SHALL BE DEEMED TO BE APPROXIMATIONS ONLY. ALL DISCREPANCIES BETWEEN WHAT IS SHOWN AND THE ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE. PRESERVE AND PROTECT EXISTING UTILITIES TO REMAIN FROM DAMAGE OR DISRUPTION, TYPICAL. MAINTAIN LOCATES DURING CONSTRUCTION FOR REFERENCE. CONTRACTOR SHALL RECORD ALL UTILITY MARKINGS ON A SEPARATE SET OF DRAWINGS. THIS SET SHALL BE KEPT ON-SITE FOR REFERENCE FOR DURATION OF CONTRACT.
2. CONTRACTOR TO COORDINATE WITH OWNER'S MAINTENANCE PERSONNEL TO IDENTIFY AND PROTECT ANY EXISTING OWNER MAINTAINED UTILITIES, WATER LINES, IRRIGATION LINES, IRRIGATION CONTROL WIRES OR OTHER IMPROVEMENTS PRIOR TO CONSTRUCTION.
3. THE INFORMATION ON THIS SHEET IS INCOMPLETE UNLESS ACCOMPANIED BY THE CORRESPONDING SPECIFICATION SECTION(S) AND DETAILS DEVELOPED FOR THIS PROJECT. REFER TO THOSE SPECIFICATIONS AND DETAILS FOR ADDITIONAL INFORMATION.
4. CONTRACTOR IS RESPONSIBLE FOR VERIFYING CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND NOTIFYING THE OWNER AND OWNERS REPRESENTATIVES OF DISCREPANCIES. VERIFY THAT SUB GRADE PREPARATION HAS BEEN COMPLETED TO ACCEPTABLE TOLERANCES PRIOR TO COMMENCEMENT OF WORK. CONTRACTOR ACCEPTS SUB GRADES UPON COMMENCEMENT OF WORK AND IS RESPONSIBLE FOR ANY CORRECTIONS REQUIRED AFTER WORK BEGINS.

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REGISTERED LANDSCAPE ARCHITECT NO. 234
STATE OF IDAHO

SANDPOINT

CITY OF SANDPOINT

TRAVERS PARK RECREATION CENTER

CONSTRUCTION DOCUMENTS

REV	DATE	DESCRIPTION
1	11/29/23	CONFORMED SET
2	5/31/24	RE-BID

PROJ. NO.	2023-011
DRAWN	SH
PROJ MNGR	MT
DATE	11/29/23

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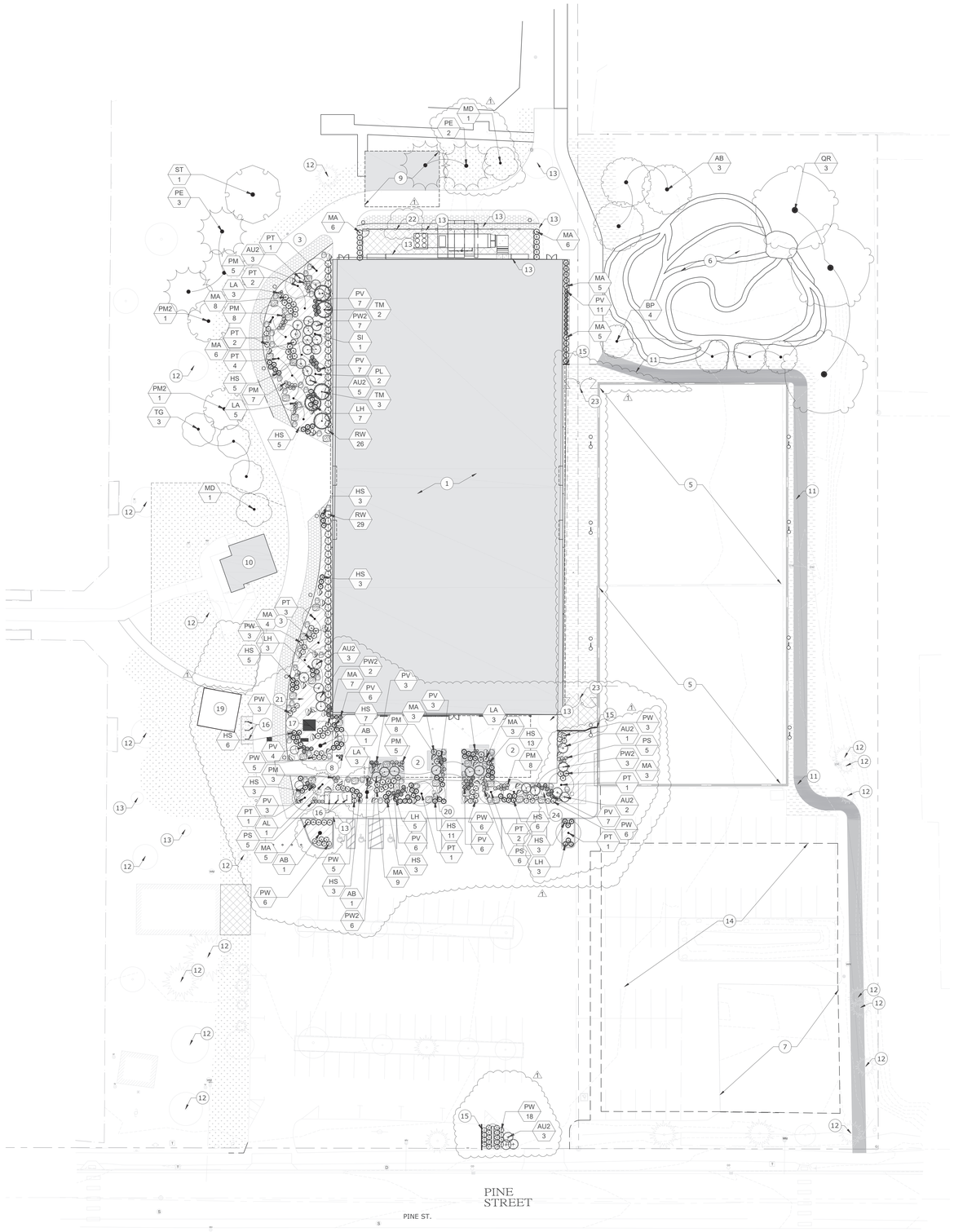
IRRIGATION PLAN

L1.0

RFP_005



A LANDSCAPE PLAN

GRAPHIC SCALE
30 0 15 30 60
(IN FEET)
1 inch = 30 ft.

CALLOUTS

1. NEW SPORTS COMMUNITY BUILDING. SEE ARCHITECTURE PLANS.
2. HARDSCAPE. SEE ARCHITECTURE AND CIVIL PLANS.
3. 12' WIDE ASPHALT TRAIL WITH 4' GRAVEL SHOULDERS FOR FIRE ACCESS, SEE CIVIL.
4. SCULPTURE BASE, SEE SHEET L3.0, DETAIL R.
5. TENNIS COURTS. PRESERVE AND PROTECT.
6. BIKE SKILLS COURSE, BY OTHERS.
7. EXISTING SKATE PARK TO REMAIN.
8. DRINKING FOUNTAIN ON CONCRETE PAD. CONTEMPORARY DRINKING FOUNTAINS, GYQ84 SERIES, SEE SPECIFICATIONS. SEE CIVIL FOR CONCRETE.
9. BATTING CAGES. LOCATION APPROXIMATE. SALVAGE TO OWNER.
10. EXISTING RESTROOMS AND CONCESSION BUILDING TO REMAIN.
11. NEW TRAIL. SEE CIVIL.
12. EXISTING TREE TO REMAIN, PRESERVE AND PROTECT.
13. EXISTING TREE PREVIOUSLY REMOVED, BID PACK 1.
14. SKATEPARK EXPANSION AREA. SEE PLANS BY DREAMLAND.
15. POLY EDGING MOWCURB. SEE SHEET L3.0, DETAIL I.
16. BIKE RACKS ON CONCRETE PAD. BIKE RACK: SPORTWORKS TOFINO NO SCRATCH BIKE RACK, SEE SPECIFICATIONS. SEE CIVIL FOR CONCRETE.
17. TRANSFORMER. SEE ELECTRICAL.
18. RELOCATED PLAYGROUND AS PART OF BID PACKAGE #1.
19. RELOCATED PICNIC SHELTER. SEE ARCHITECTURE AND CIVIL.
20. LOW ROCK RETAINING WALL. SEE SHEET L3.0, DETAIL S.
21. EXISTING OAK TREE TO REMAIN, PRESERVE AND PROTECT. SEE SECTION 01 56 39 TEMPORARY TREE AND PLANT PROTECTION FOR AIR SPADING AND OTHER REQUIREMENTS FOR WORK WITHIN TREE PROTECTION ZONES.
22. 12' SLIDING GATE OVER 18" WIDE X 6" DEPTH MOWCURB. SEE SHEET L3.0, DETAIL O. LOCATION TO BE APPROVED BY OWNER IN THE FIELD.
23. 12' SWING GATE. SEE SHEET L3.0, DETAIL P. LOCATION TO BE APPROVED BY OWNER IN THE FIELD.
24. FLAG POLE. SEE ARCHITECTURE.

LEGEND

- PLANTER AREA WITH MINERAL MULCH TYPE 'A' OVER WEED BARRIER FABRIC. SEE PLANTING NOTES FOR TYPE.
- TURF AREA WITH EXISTING OVERHEAD IRRIGATION. RELOCATE EXISTING HEADS AS NECESSARY TO ACCOMMODATE NEW SITE FEATURES. ENSURE HEAD TO HEAD COVERAGE. REPAIR AREAS DAMAGED BY CONSTRUCTION. SEE HYDROSEED SPECIFICATIONS.
- HYDROSEEDED LOW MAINTENANCE DRYLAND GRASS SEED MIX. SEE SPECIFICATIONS.
- RELOCATED PLAYGROUND AREA. 12" OF ENGINEERED WOOD FIBER. SEE SPECIFICATIONS.
- 4' WIDE GRAVEL FIRE LANE SHOULDER. SEE CIVIL PLANS.
- UTILITY AREA WITH 3" OF MINERAL MULCH TYPE 'B' OVER WEED BARRIER FABRIC. SEE PLANTING NOTES FOR TYPE.
- PEELED CEDAR LOG. SEE SPECIFICATIONS SECTION SITE FURNISHINGS 12 93 00.
- 2-5' GRANITE BOULDER. 25% OF BOULDERS SHOULD BE 2' WIDE, AND 75% SHOULD BE LARGER THAN 2'. SEE SPECIFICATIONS SECTION SITE FURNISHINGS 12 93 00.
- 6' TALL CHAINLINK FENCE TYPE 'A'. SEE SHEET L3.0, DETAILS N AND Q.
- LIGHTS. SEE ELECTRICAL.
- NEW PLANTER AREA WITH EXISTING OVERHEAD IRRIGATION. RELOCATE EXISTING HEADS AS NECESSARY TO ACCOMMODATE NEW SITE FEATURES. ENSURE HEAD TO HEAD COVERAGE. REPAIR AREAS DAMAGED BY CONSTRUCTION.

PLANT LEGEND

CODE	BOTANICAL NAME	COMMON NAME	SIZE	HEIGHT	WIDTH	QTY
TREES						
AL	Abies lasiocarpa	Subalpine Fir	7-8` Tall	40`	15`	1
AB	Acer saccharum `Bailsta`	Fall Fiesta® Sugar Maple	2" Cal.	60`	30`	6
BP	Betula papyrifera	Paper Birch	2" Cal.	35`	20`	4
FP	Fraxinus pennsylvanica `Patmore`	Patmore Green Ash	2" Cal.	50`	30`	3
MD	Malus x `Donald Wyman`	Donald Wyman Crabapple	2" Cal.	25`	20`	2
PE	Picea engelmannii	Engelmann Spruce	7-8` Tall	60`	30`	10
PT	Populus tremuloides	Quaking Aspen	2" Cal.	30`	15`	18
PM2	Prunus maackii	Amur Chokecherry	2" Cal.	30`	25`	2
PL	Pyrus calleryana `Chanticleer`	Chanticleer Callery Pear	2" Cal.	30`	15`	2
QR	Quercus rubra	Northern Red Oak	2" Cal.	60`	50`	3
ST	Salix alba `Tristis`	Golden Weeping Willow	2.5" Cal.	50`	35`	1
SI	Syringa reticulata `Ivory Silk`	Ivory Silk Japanese Tree Lilac	2" Cal.	25`	15`	1
TG	Tilia cordata `Greenspire`	Greenspire Littleleaf Linden	2" Cal.	45`	20`	3
TM	Tsuga mertensiana	Mountain Hemlock	7-8` Tall	30`	10`	5
SHRUBS						
AU2	Arctostaphylos uva-ursi	Kinnikinnick	2 gal			17
HS	Helictotrichon sempervirens	Blue Oat Grass	1 gal			74
LH	Lavandula angustifolia `Hidcote`	Hidcote Lavender	1 gal			18
LA	Lupinus argenteus	Silvery Lupine	1 gal.			14
MA	Mahonia aquifolium `Compacta`	Oregon Grape	2 gal			70
PV	Panicum virgatum `Shenandoah`	Switch Grass	1 gal.			63
PM	Paxistima myrsinites	Oregon Boxwood	1 gal.			44
PS	Penstemon fruticosus	Shrubby Penstemon	1 gal.			16
PW2	Philadelphus lewisii	Wild Mockorange	1 gal.			18
PW	Phlox subulata 'Red Wings'	Red Wings Creeping Phlox	1 gal.			58
RW	Rosa woodsii	Mountain Rose	2 gal.			55

PLANT QUANTITY NOTE: CONTRACTOR SHALL VERIFY QUANTITIES IN PLANT LEGEND WITH PLANT SYMBOLS ON PLANS.

PLANT CALLOUTS

XX — PLANT ABBREVIATION
— NUMBER OF PLANTS

PLANTING NOTES

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5. REMOVE ALL CONSTRUCTION DEBRIS, CONCRETE, MORTAR, ROCKS, ETC FROM LANDSCAPE AREAS PRIOR TO SUB GRADE PREPARATION AND INSTALLATION OF PLANTING SOIL.
6. TREES AND SHRUBS TO MEET REQUIREMENTS OF AMERICAN STANDARD FOR NURSERY STOCK FOR SIZE AND MATERIAL CONDITION.
7. PLANT COUNTS IN LEGEND ARE FOR REFERENCE ONLY. PLANT SYMBOLS DICTATE THE REQUIRED PLANTS.
8. PLANTING SOIL SCHEDULE (SEE SPECIFICATIONS):
   a. PLANTING AREAS: 6" OF APPROVED PLANTING SOIL TYPE 'B' - WITTKOPF TURF BUILDER SOIL. SUBMIT FOR APPROVAL.
   b. TURF AND HYDROSEEDED AREAS: 4" OF APPROVED PLANTING SOIL TYPE 'B' - WITTKOPF TURF BUILDER SOIL. SUBMIT FOR APPROVAL.
9. MINERAL MULCH SCHEDULE (SEE SPECIFICATIONS):
   a. PLANTING AREAS: 2" OF MINERAL MULCH TYPE 'A'. 1" CRUSHED GRANITE, CLEAN TO BE SELECTED BY OWNER OVER NON-WOVEN WEED BARRIER FABRIC. SUBMIT FOR APPROVAL.
   b. UTILITY AREAS: 3" OF MINERAL MULCH TYPE 'B'. ¾" CLEAN BASALT OVER NON-WOVEN WEED BARRIER FABRIC. SUBMIT FOR APPROVAL.
10. ORGANIC MULCH SCHEDULE (SEE SPECIFICATIONS):
    a. PLANTING AREAS: 2" OF ORGANIC MULCH TYPE 'B'. APPROVED COMPOST. SUBMIT FOR APPROVAL. SEE SPECIFICATIONS.
11. ALL LANDSCAPE AREAS TO BE IRRIGATED BY AN AUTOMATIC IRRIGATION SYSTEM. SEE IRRIGATION PLANS AND SPECIFICATIONS.
12. TREE LOCATIONS MAY VARY DEPENDING ON WALK, DRIVEWAY, AND UTILITY LOCATIONS. STAKE FOR APPROVAL PRIOR TO PLANTING.
13. LAYOUT OF MOWCURBS AND EDGING TO BE MARKED FOR APPROVAL PRIOR TO INSTALLATION.
14. DO NOT COMPACT BOTTOMS OF SWALES, PROTECT SWALES FROM CONSTRUCTION TRAFFIC AND DEBRIS. SEE CIVIL PLANS FOR SOILS IN SWALES.
15. ALL TREES TO BE SINGLE TRUNKED, UNLESS OTHERWISE NOTED. MULTI-TRUNKED TREES TO INCLUDE MAIN LEADER EQUAL OR GREATER TO SIZE SPECIFIED.
16. TREES OF THE SAME SPECIES SHALL BE MATCHED FROM SAME LOT AND GROWER.
17. FINISH GRADE TO BE:
    a. PLANTING AREAS: 2 1/2" BELOW ADJACENT WALKS OR HARDSCAPE ELEMENTS BEFORE INSTALLATION OF MINERAL/ORGANIC MULCH.

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REGISTERED LANDSCAPE ARCHITECT NO. 234 STATE OF IDAHO

SANDPOINT

CITY OF SANDPOINT

TRAVERS PARK RECREATION CENTER

CONSTRUCTION DOCUMENTS

REV	DATE	DESCRIPTION
1	11/29/23	CONFORMED SET
2	5/31/24	RE-BID

PROJ. NO.	2023-011
DRAWN	SH
PROJ MNGR	MT
DATE	11/29/23

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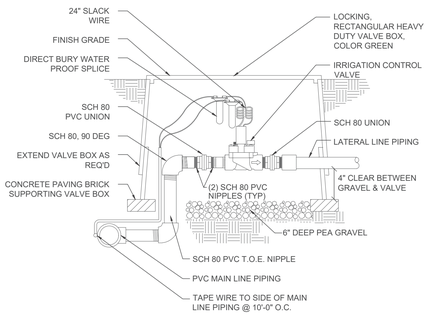
2.

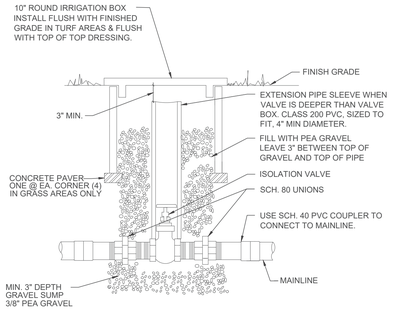
LANDSCAPE PLAN

L2.0

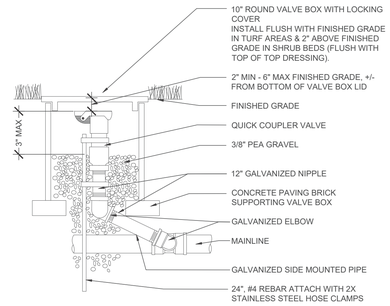


NOTES:
1. ONLY ONE AUTOMATIC VALVE PER VALVE BOX.
2. VALVE BOX TO REST ON CONCRETE PAVER BRICKS, NO PRESSURE TO BE PLACED ON MAINLINE OR LATERAL LINE.
3. PROVIDE 24" OF COILED WIRE SLACK IN VALVE BOX.
4. INSTALL LINE SURGE PROTECTION PER MANUFACTURERS SPECIFICATION.

A CONTROL VALVE INSTALLATION SCALE = NTS

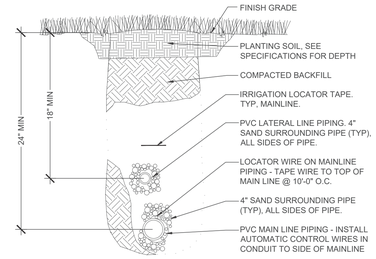


B ISOLATION VALVE SCALE = NTS

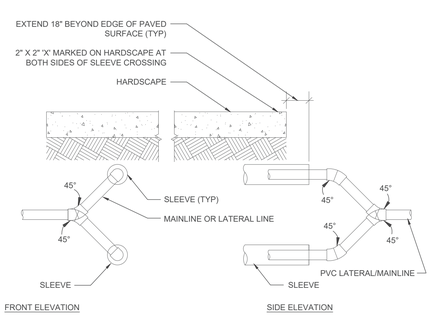


C QUICK COUPLER VALVE IN BOX SCALE = NTS

RFP_005

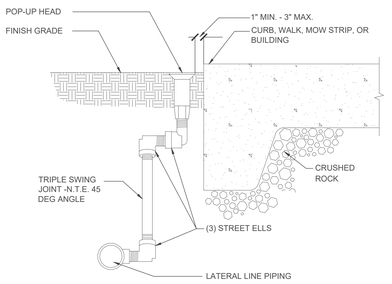


D IRRIGATION TRENCHING SCALE = NTS

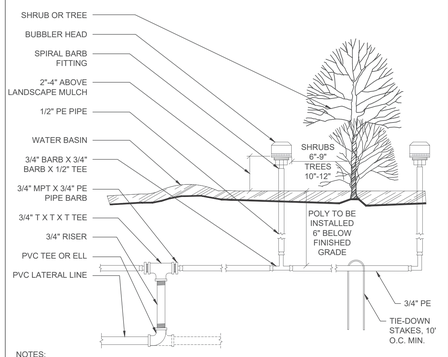


NOTES:
1. THERE SHALL NOT BE 90° JOINTS DIRECTING LATERALS AND MAINLINES INTO SLEEVES. MAXIMUM ANGLE SHALL BE 45°.

E SLEEVING UNDER HARDSCAPE SCALE = NTS

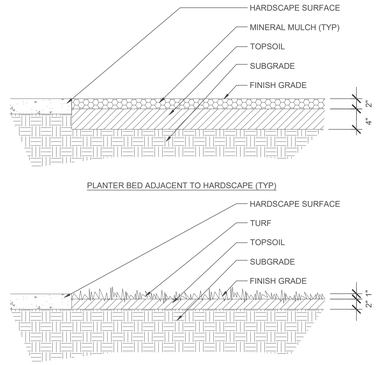


F HEADS ADJACENT HARDSCAPE SCALE = NTS

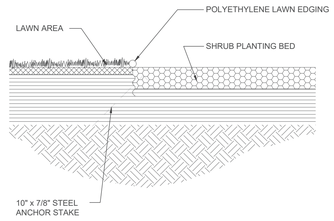


NOTES:
1. CONTRACTOR TO ADJUST SO THAT NO MORE THAN 20 BUBBLERS ARE LOCATED ON EACH SIDE OF EACH RISER.
2. SEE PLANS FOR BUBBLER NUMBER/SIZES.

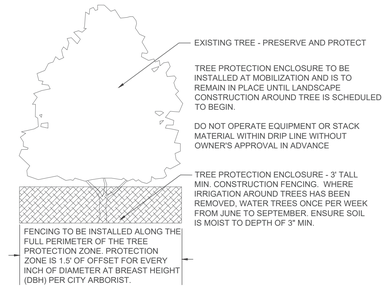
G BUBBLER ON RISER SCALE = NTS



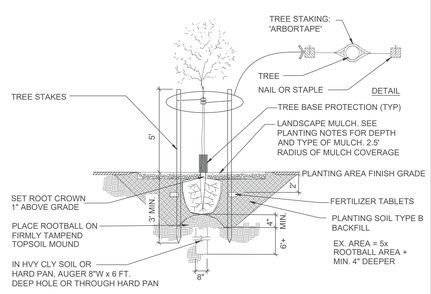
H HARDSCAPE TRANSITIONS SCALE = NTS



I POLY EDGING SCALE = NTS

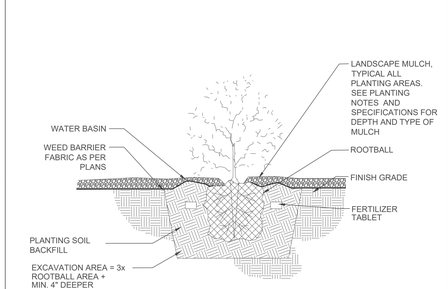


J TREE PROTECTION SCALE = NTS



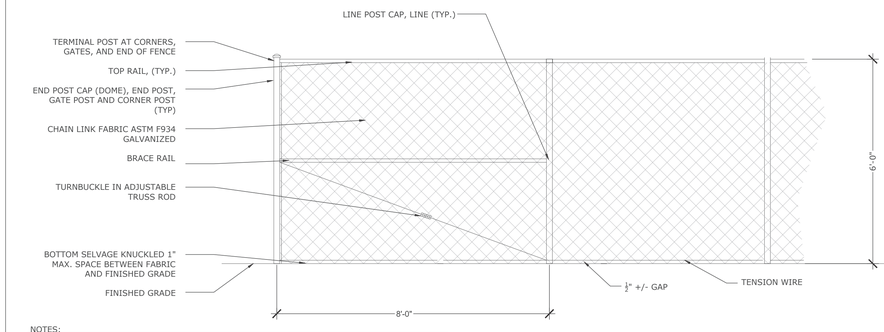
NOTES:
1. CUT AND REMOVE WIRE BASKET AFTER TREE IS IN PLANTING HOLE. REMOVE BURLAP AND TWINE FROM TOP AND SIDES OF ROOTBALL.
2. SEE SPECIFICATIONS FOR PLANTING AND FERTILIZER REQUIREMENTS.

K PLANTING AREA TREE PLANTING SCALE = NTS



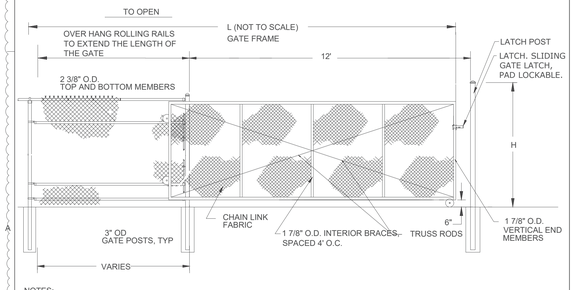
L SHRUB PLANTING SCALE = NTS

M NOT USED



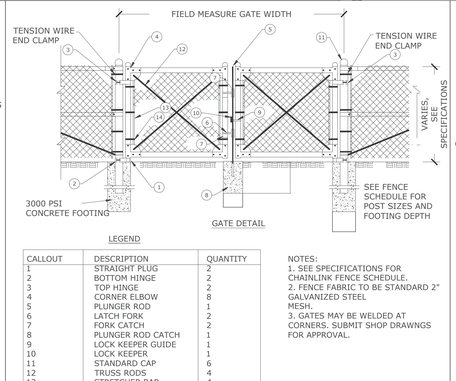
NOTES:
1. FABRIC MESH TO BE 9 GAUGE WIRE, 2" MESH SIZE. KNUCKLED SELVAGE ON TOP AND BOTTOM.
2. INSTALL PER MANUFACTURER'S SPECIFICATIONS.

N TYPE A CHAINLINK FENCE - 6' HIGH (TYP.) SCALE = NTS



NOTES:
1. SEE SPECIFICATIONS FOR FENCING SCHEDULE
2. TOP AND BOTTOM FABRIC KNUCKLE SELVAGE.

O CHAIN LINK HORIZONTAL SLIDE GATE SCALE = NTS



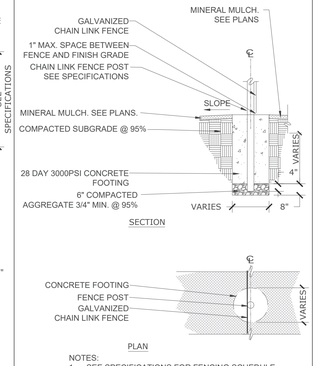
LEGEND

CALLOUT	DESCRIPTION	QUANTITY
1	STRAIGHT PLUG	2
2	BOTTOM HINGE	2
3	TOP HINGE	2
4	CORNER ELBOW	8
5	PLUNGER ROD	1
6	LATCH FORK	2
7	FORK CATCH	2
8	PLUNGER ROD CATCH	1
9	LOCK KEEPER GUIDE	1
10	LOCK KEEPER	1
11	STANDARD CAP	6
12	TRUSS RODS	4
13	STRETCHER BAR	4
14	HOOK BOLTS	12

NOTES:
1. SEE SPECIFICATIONS FOR CHAINLINK FENCE SCHEDULE.
2. FENCE FABRIC TO BE STANDARD 2" GALVANIZED STEEL MESH.
3. GATES MAY BE WELDED AT CORNERS. SUBMIT SHOP DRAWNGS FOR APPROVAL.

SCALE = NTS

P DOUBLE SWING GATE

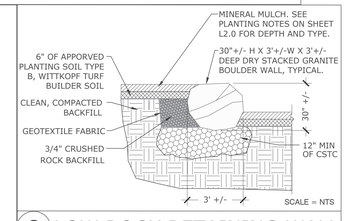


NOTES:
1. SEE SPECIFICATIONS FOR FENCING SCHEDULE

SCALE = NTS

Q CHAIN LINK FENCE POST

R NOT USED SCALE = NTS



SCALE = NTS

S LOW ROCK RETAINING WALL

MICHAEL TERRELL - LANDSCAPE ARCHITECTURE, PLLC
1421 N. MEADOWWOOD LANE, SUITE 150
LIBERTY LAKE, WA 99019
PHONE (509) 922-7449

UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
811
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REGISTERED LANDSCAPE ARCHITECT NO. 234 STATE OF IDAHO

SANDPOINT

CITY OF SANDPOINT

TRAVERS PARK RECREATION CENTER

CONSTRUCTION DOCUMENTS

REV	DATE	DESCRIPTION
1	11/29/23	CONFORMED SET
2	5/31/24	RE-BID

PROJ. NO.	2023-011
DRAWN	SH
PROJ MNGR	MT
DATE	11/29/23

© ALSC ARCHITECTS, P.S.

DETAILS

L3.0

MEMO

To: ALSC Architects	**Attention:** Gale Stanley
From: MTLA	**Date:** 4/30/24
Project: Travers Park Phase I Building	**Project No:** 22-063A
Re: Landscape and Irrigation Re-Bid	**CC:** File,

Attachments:

1. Travers Park Re-Bid Irrigation, L-1
2. Travers Park Re-Bid Landscape, L-2
3. Travers Park Re-Bid Details, L-3
4. Travers Park Re-Bid Details, L-4
5. Travers Park Landscape Specifications: Re-bid
    a. 32 84 00 Planting Irrigation
    b. 32 91 13 Soil Preparation
    c. 32 92 00 Turf and Grasses
    d. 32 93 00 Plants (including nursery sourcing requirements)

Gale,

Please see the unit pricing below for Travers Park landscape:

Botanical Name	Common Name	Qty	Amount Per	Total
Trees – 7-8' tall				
Abies lasiocarpa	Subalpine Fir	1		
Picea engelmannii	Engelmann Spruce	10		
Tsuga mertensiana	Mountain Hemlock	5		
Trees – 2" Cal.				
Acer saccharum 'Bailsta'	Fall Fiesta Sugar Maple	6		
Betula papyrifera	Paper Birch	4		
Fraxinus pennsylvanica 'Patmore'	Patmore Green Ash	3		
Malus x 'Donald Wyman'	Donald Wyman Crabapple	2		
Populus tremuloides	Quaking Aspen	18		
Prunus maackii	Amur Chokecherry	2		
Pyrus calleryana 'Chanticleer'	Chanticleer Callery Pear	2		
Quercus rubra	Northern Red Oak	3		
Salix alba 'Tristis'	Golden Weeping Willow	1		
Syringa reticulata 'Ivory Silk'	Ivory Silk Japanese Lilac Tree	1		

Michael Terrell ▪ Landscape Architecture, PLLC
1421 N. Meadowwood Lane, Suite 150 ▪ Liberty Lake, WA 99019
(509) 922-7449
www.mt-la.com

Member American Society of Landscape Architects

Tilia cordata 'Greenspire'	Greenspire Littleleaf Linden	3		
Shrubs – 1 gal.				
Helictotrichon sempervirens	Blue Oat Grass	74		
Lavandula angustifolia 'Hidcote'	Hidcote Lavender	18		
Lupinus argenteus	Silvery Lupine	14		
Panicum virgatum 'Shenandoah'	Switch Grass	63		
Paxistima myrsinites	Oregon Boxwood	44		
Penstemon fruticosus	Shrubby Penstemon	16		
Philadelphus lewisii	Wild Mockorange	18		
Plox subulata 'Red Wings'	Red Wings Creeping Phlox	58		
Shrubs – 2 gal.				
Arctostaphylos uva-ursi	Kinnikinnick	17		
Mahonia aquifolium 'Compacta'	Oregon Grape	70		
Rosa woodsia	Mountain Rose	55		
			Subtotal:	

Description	Unit	Amount	Total
Irrigation: drip, shrubs, supply and install two 1 GPH emitters per shrub with lateral lines connected to automatic control valves, one year warranty	LS	1	
Irrigation: Drip, trees, supply and install 4x1 GPH emitters per tree with lateral lines connected to automatic control valves, one year warranty	LS	1	
Boulders, granite, 3' +/- x 5'+/- x 2' +/- supply, deliver	EA	1	
Irrigation: mainline, valves, control wire, controller, and installation, one year warranty	LS	1	
Planting soil per plan as indicated	CY	1	
Planting area mineral mulch per plan as indicated	CY	1	
		Subtotal:	
LANDSCAPE AND IRRIGATION TOTAL:		$_____	

Ginno Construction Company
3893 North Schreiber Way
Coeur d'Alene, Idaho 83815
Phone: (208) 667-5560

Project: 23-10 - Travers Park Reno: Phase 1
2016 Pine Street
Sandpoint, Idaho 83864

Prime Contract Potential Change Order #036: CE #060 - Delete Hose Bibs

TO:	City of Sandpoint 1123 Lake St. Sandpoint Idaho, 83864	**FROM:**	Ginno Construction Company 3893 North Schreiber Way Coeur d'Alene Idaho, 83815
PCO NUMBER/REVISION:	036 / 0	**CONTRACT:**	1 - Travers Park Reno: Phase 1
REQUEST RECEIVED FROM:		**CREATED BY:**	Cory Quan **(Ginno Construction Company)**
STATUS:	Pending - In Review	**CREATED DATE:**	7/17 /2024
REFERENCE:		**PRIME CONTRACT CHANGE ORDER:**	#006 - Pending PCCO's
FIELD CHANGE:	No		
LOCATION:		**ACCOUNTING METHOD:**	Amount Based
SCHEDULE IMPACT:		**PAID IN FULL:**	No
		TOTAL AMOUNT:	($1,993.10)

POTENTIAL CHANGE ORDER TITLE: CE #060 - Delete Hose Bibs

CHANGE REASON: Proposal Request

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*
CE #060 - Delete Hose Bibs
Delete Hose Bibs

ATTACHMENTS:
RFI 50_23-10-Travers_Park_Reno_Phase_1-50-Hose_Bibs_In_Bathrooms-2024-07-16 - MW Reviewed.pdf

#	Cost Code	Description	Type	Amount
1	22-1000 - Plumbing	Delete Hose Bibs	SUBCONTRACT	($1,993.10)
			Subtotal:	($1,993.10)
			Grand Total:	**($1,993.10)**

Rustin Hall (ALSC Architects)
203 N. Washington Suite 400
Spokane Washington 99201

SIGNATURE **DATE**

City of Sandpoint
1123 Lake St.
Sandpoint Idaho 83864

Jason Walker 08/08/2024

SIGNATURE **DATE**

Ginno Construction Company
3893 North Schreiber Way
Coeur d'Alene Idaho 83815

Cory Quan - 8/7

SIGNATURE **DATE**

ETCO SERVICES, LLC
Commitment · Quality · Comfort

• P
• HEATING
• BUILDING SOLUTIONS
• DESIGN BUILD SPECIALIST

Change order proposal

COP

To: Ginno construction

Date: 8/1/24

Attn: Cory Quan

Job Name: Travers Park

Re: This credit is for five interior hose bibs in the restrooms.

Labor hrs.2 @ 78.00	($156.00)
Hose bibs	($1,837.10)
Subtotal	($1,993.10)
Total	($1,993.10)

Call me if you have any questions.

Mike Wirth
Project Manager

Ginno Construction Company
3893 North Schreiber Way
Coeur d'Alene, Idaho 83815
Phone: (208) 667-5560

Project: 23-10 - Travers Park Reno: Phase 1
2016 Pine Street
Sandpoint, Idaho 83864

Hose Bibs In Bathrooms

TO:	Jeff Slichter **(ALSC Architects)** Gale Stanley **(ALSC Architects)** Collin Arnold **(ALSC Architects)**	**FROM:**	Isaiah Yandt **(Ginno Construction Company)** 3893 North Schreiber Way Coeur d'Alene, Idaho 83815
DATE INITIATED:	07/16/2024	**STATUS:**	Open
LOCATION:		**DUE DATE:**	07/19/2024
COST CODE:		**REFERENCE:**	
COST IMPACT:		**SCHEDULE IMPACT:**	
DRAWING NUMBER:	P101	**SPEC SECTION:**	
LINKED DRAWINGS:			
RECEIVED FROM:	Mike Wirth **(ETCO Services LLC)**		

COPIES TO:
Mike McGee **(ETCO Services LLC)**, Cory Quan **(Ginno Construction Company)**

Question from Isaiah Yandt (Ginno Construction Company) at 11:46 AM on 07/16/2024

The plans show hose bibs in each of the bathrooms. Are these needed or can they be eliminated for a credit?

Awaiting an Official Response

All Replies:

The Hose bibbs in the bathrooms are not code required and, although they are highly recommended, they can be eliminated for a credit to the owner if they are not needed.

BY	DATE	COPIES TO
John E. Succo, MWCE	7-16-2024	

ALSC ARCHITECTS
SPOKANE
203 N Washington
Suite 400
Spokane, WA
99201
P 509.838.8568
alscarchitects.com

REQUEST FOR PROPOSAL NO: 026

Project Name: Travers Park Recreation Center

Owner: City of Sandpoint

Contractor: Ginno Construction Company

Job Number: 2023-011

TO: Ginno Construction Company, Contractor, please furnish your proposal for performing the changes outlined below and/or detailed on the attachments referred to:

Provide a credit for removal of hose bibs from toilet rooms.

ALSC Architects, P.S. By Gale Stanley Date: 7/31/24

PROPOSAL:

To the Owner: We propose to perform all changes described in the above request for a total ~~ADDITION~~/DEDUCTION (cross out one) to the contract sum of:

One thousand nine hundred ninety three and 10/100 $ -1,993.10

(not including Sales Tax)

We have attached cost estimate detail sheets, and the foregoing amount covers all direct and indirect costs related to this proposal and to the effect of the proposal on the remainder of the project. All other provisions of the contract remain in full force and effect. We request the completion date be EXTENDED/REDUCED (cross one out) _____ calendar days because of this work. The Contractor agrees to be bound to this proposal quotation for sixty (60) days after this date.

Ginno Construction By Cory Quan Date 8/7/24

Contractor

RECOMMENDATION:

TO: Owner, we have examined the foregoing proposal and find it to be appropriate for the request. We recommend its acceptance.

ALSC Architects, P.S. By _____ Date: _____

PROPOSAL ACCEPTANCE:

The Owner hereby accepts the foregoing proposal. This instrument, when signed below, constitutes the conditions upon which a Change Order will be issued.

City of Sandpoint By Jason Welker Date 08/08/2024

Owner

Ginno Construction Company
3893 North Schreiber Way
Coeur d'Alene, Idaho 83815
Phone: (208) 667-5560

Project: 23-10 - Travers Park Reno: Phase 1
2016 Pine Street
Sandpoint, Idaho 83864

Prime Contract Potential Change Order #039: CE #065 - Fire Requirements (D

TO:	City of Sandpoint 1123 Lake St. Sandpoint Idaho, 83864	**FROM:**	Ginno Construction Company 3893 North Schreiber Way Coeur d'Alene Idaho, 83815
PCO NUMBER/REVISION:	039 / 0	**CONTRACT:**	1 - Travers Park Reno: Phase 1
REQUEST RECEIVED FROM:		**CREATED BY:**	Cory Quan **(Ginno Construction Company)**
STATUS:	Pending - In Review	**CREATED DATE:**	7/30 /2024
REFERENCE:		**PRIME CONTRACT CHANGE ORDER:**	None
FIELD CHANGE:	No		
LOCATION:		**ACCOUNTING METHOD:**	Amount Based
SCHEDULE IMPACT:		**PAID IN FULL:**	No
		TOTAL AMOUNT:	$2,412.85

POTENTIAL CHANGE ORDER TITLE: CE #065 - Fire Requirements (D

CHANGE REASON: Code Requirement

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*
CE #065 - Fire Requirements (Draft Stops)
Add fire draft stop every 10' vertical and horizontally where the new framing meets the Legacy fabric;

Adding 4 heads to fix the east and west interstitial spaces ($1,600)

Or

Draft stop framing, drywall and rock wool installed to solve the fire stopping requirement ($3,060)

ATTACHMENTS:
DSI CE - Mineral Wool to create draft stops between south ext. Wall & South CFS Wall.pdf Draft Stop Details (reviewed).pdf

#	Cost Code	Description	Type	Amount
1	21-1000 - Water Based Fire Suppression	Adding 4 heads to fix the east and west interstitial spaces	SUBCONTRACT	$ 1,600.00
2	09-2200 - Light Gauge Mtl Framing & GWB	Mineral Wool for Draft Stops at South Ext. Wall	SUBCONTRACT	$ 655.00
			Subtotal:	$2,255.00
			Liability Insurance: 1.00% Applies to OTHER, MATERIAL, LABOR, RENTAL, and SUBCONTRACT.	$ 22.55
			OH&P: 6.00% Applies to OTHER, MATERIAL, LABOR, RENTAL, and SUBCONTRACT.	$ 135.30
			Grand Total:	**$2,412.85**

Rustin Hall (ALSC Architects)
203 N. Washington Suite 400
Spokane Washington 99201

City of Sandpoint
1123 Lake St.
Sandpoint Idaho 83864

Ginno Construction Company
3893 North Schreiber Way
Coeur d'Alene Idaho 83815

SIGNATURE	DATE	SIGNATURE	DATE	SIGNATURE	DATE
		Jason Welker	08/08/2024	Cory Quan - 8/7	

Fire Stopping Requirements

Isaiah Yandt <isaiah@ginnoconstruction.com>

Mon 7/22/2024 11:48 AM

To:Cory Quan <cory@ginnoconstruction.com>

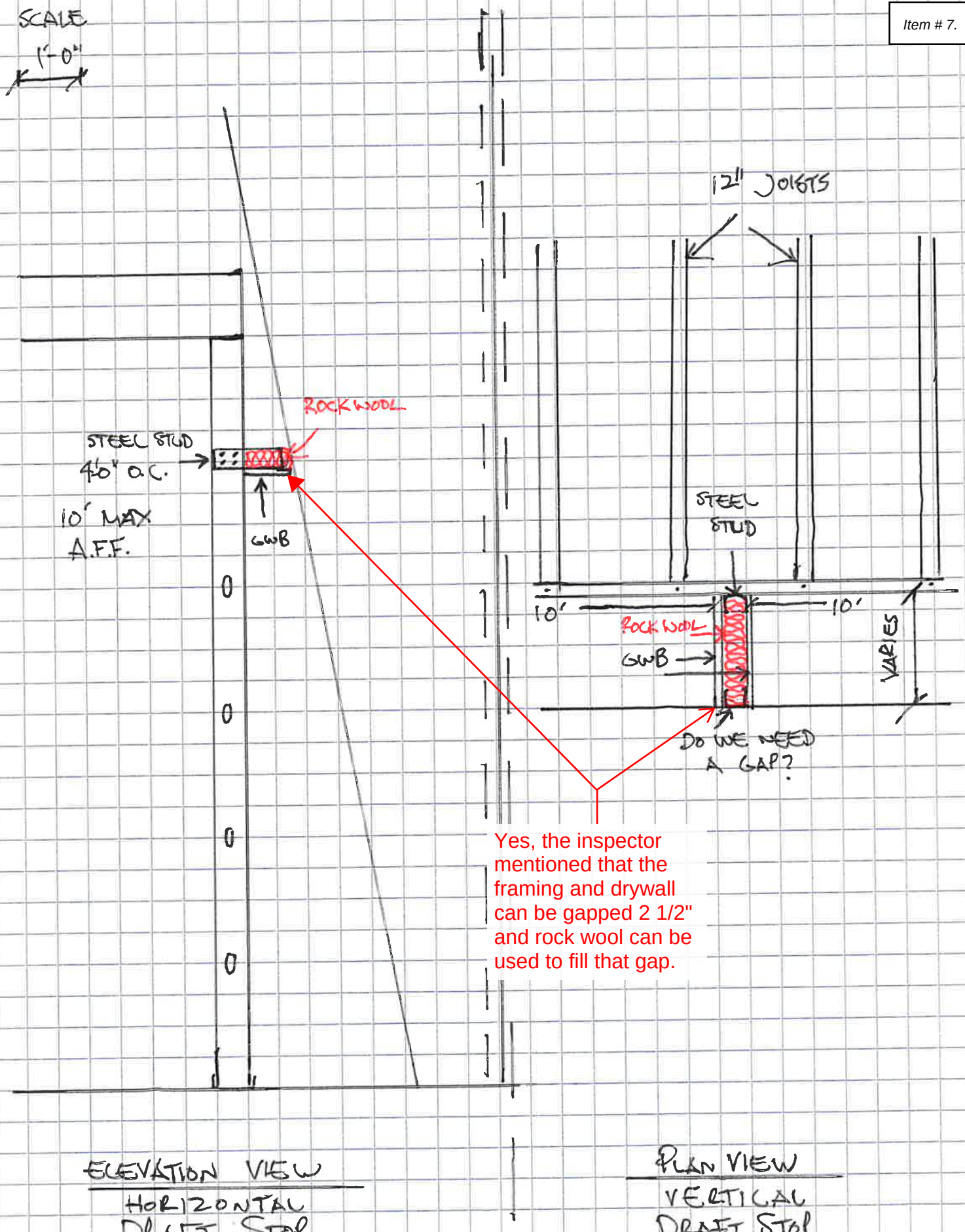
Hi Cory,

Pete with the city inspected the fire sprinkler system today and the framing. He noted that we need to add fire draft stop every 10’ vertical and horizontally where the new framing meets the Legacy fabric. The south wall will be easy to use Rock Wool insulation to do this draft stopping, but the east and west walls are 2’-6” wide at the bottom tapering up to 2.5” at the top. These will need either draft stop framing, drywall and rock wool installed to solve the fire stopping requirement, or we need to add 2 sprinkler heads at each space. I have a RLH giving a cost for adding 4 heads to fix the east and west interstitial spaces, as well as Aaron with DSI to draft stop the spaces. We will see what is more cost effective, or may have an impact on the schedule, and see how you would like to proceed.

Let me know if you have any questions.

Thanks,

Isaiah Yandt
Ginno Construction Co. | *Project Superintendent*
Cell: 208.676.6696 | Office: 208.667.5560
3893 N. Schreiber Way | Coeur d’Alene, ID 83815
www.ginnoconstruction.com



Yes, the inspector mentioned that the framing and drywall can be gapped 2 1/2" and rock wool can be used to fill that gap.

ELEVATION VIEW
HORIZONTAL
DRAFT STOP

PLAN VIEW
VERTICAL
DRAFT STOP

Fire Sprinklers, Fire Alarms, Security Systems
Idaho

CHANGE ORDER #2

To: Ginno Construction

Re: Travers Park Recreation Center

WE HEREBY INCLUDE THE FOLLOWING IN OUR QUOTATION DATED 7/24/2024:

Scope of work: Add four heads to the concealed spaces behind the mezzanine walls at the East and West sides of the building, two heads in each space.

All work considered herein is to be conducted during the normal working hours of RLH Fire Protection.

All cutting, patching, and painting is excluded.

This proposal is based on our current liability insurance coverage of $1,000,000 Per Occurrence and $2,000,000 General Aggregate limit. The per occurrence of $1,000,000 is expanded by a $10,000,000 excess/umbrella over General Liability, Auto, and Workers Compensation primary limits. Additional insured and Waivers of Subrogation endorsements shall be provided on our standard Blanket Endorsement forms. Named Endorsements shall be provided on a job-by-job basis if required.

WE HEREBY PROPOSE TO FURNISH THE ABOVE FOR THE SUM OF: ($1,600.00)

TERMS: Net 30 days after receipt of invoice. This quotation is subject to review after thirty days.

Thank you,

Mike Barton

Acceptance

The foregoing proposal is hereby accepted this ____day of_____, 2024, at the price and terms stated herein, hereby authorizing RLH to proceed with this work.

Name: _____Signature: _____

Phone: _____Billing Email Address_____

Billing Address _____

City, State, Zip_____

DSI CONSTRUCTION

CHANGE EVENT #002 -

Origin:			
Date Created:	7/22/2024	**Created By:**	Aaron Mark
Status:	Open	**Scope:**	Out of Scope
Type:	Allowance	**Change Reason:**	Allowance
Description:	Use mineral wool to create draft stops between south exterior wall and south CFS wall horizontally at 10 a.f.f. max and vertically at every 10' max.		
Attachments:			

CHANGE EVENT LINE ITEMS

			Revenue					Cost							
Budget Code	**Vendor / Contract**	**UOM**	**QTY**	**Unit Cost**	**ROM**	**Prime PCO**	**Latest Price**	**QTY**	**Unit Cost**	**ROM**	**RFQ**	**Commit.**	**Latest Cost**	**Over/ Under**	**Budget Mod.**
05-4000.L Framing Interior.Labor			0.0	$0.00	$0.00		$0.00	1.0	$655.00	$655.00			$655.00	($655.00)	
Description: Rock Wool Draft Stops South Wall															
Grand Totals					**$0.00**	**$0.00**	**$0.00**			**$655.00**	**$0.00**	**$0.00**	**$655.00**	**($655.00)**	**$0.00**

Ginno Construction Company
3893 North Schreiber Way
Coeur d'Alene, Idaho 83815
Phone: (208) 667-5560

Project: 23-10 - Travers Park Reno: Phase 1
2016 Pine Street
Sandpoint, Idaho 83864

Prime Contract Potential Change Order #037: CE #061 - RFP_022 - Parking Lot Revisions

TO:	City of Sandpoint 1123 Lake St. Sandpoint Idaho, 83864	**FROM:**	Ginno Construction Company 3893 North Schreiber Way Coeur d'Alene Idaho, 83815
PCO NUMBER/REVISION:	037 / 2	**CONTRACT:**	1 - Travers Park Reno: Phase 1
REQUEST RECEIVED FROM:		**CREATED BY:**	Cory Quan **(Ginno Construction Company)**
STATUS:	Pending - In Review	**CREATED DATE:**	7/17 /2024
REFERENCE:		**PRIME CONTRACT CHANGE ORDER:**	#006 - Landscaping, Hose bibs, Asphalt Paving, Draft Stops
FIELD CHANGE:	No		
LOCATION:		**ACCOUNTING METHOD:**	Amount Based
SCHEDULE IMPACT:	7 days	**PAID IN FULL:**	No
		TOTAL AMOUNT:	$122,397.09

POTENTIAL CHANGE ORDER TITLE: CE #061 - RFP_022 - Parking Lot Revisions

CHANGE REASON: Proposal Request

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*
CE #061 - RFP_022 - Parking Lot Paving & Striping
RFP_022 - Parking Lot Paving & Striping

ATTACHMENTS:

RFP-22 - Parking Lot Paving & Striping.pdf

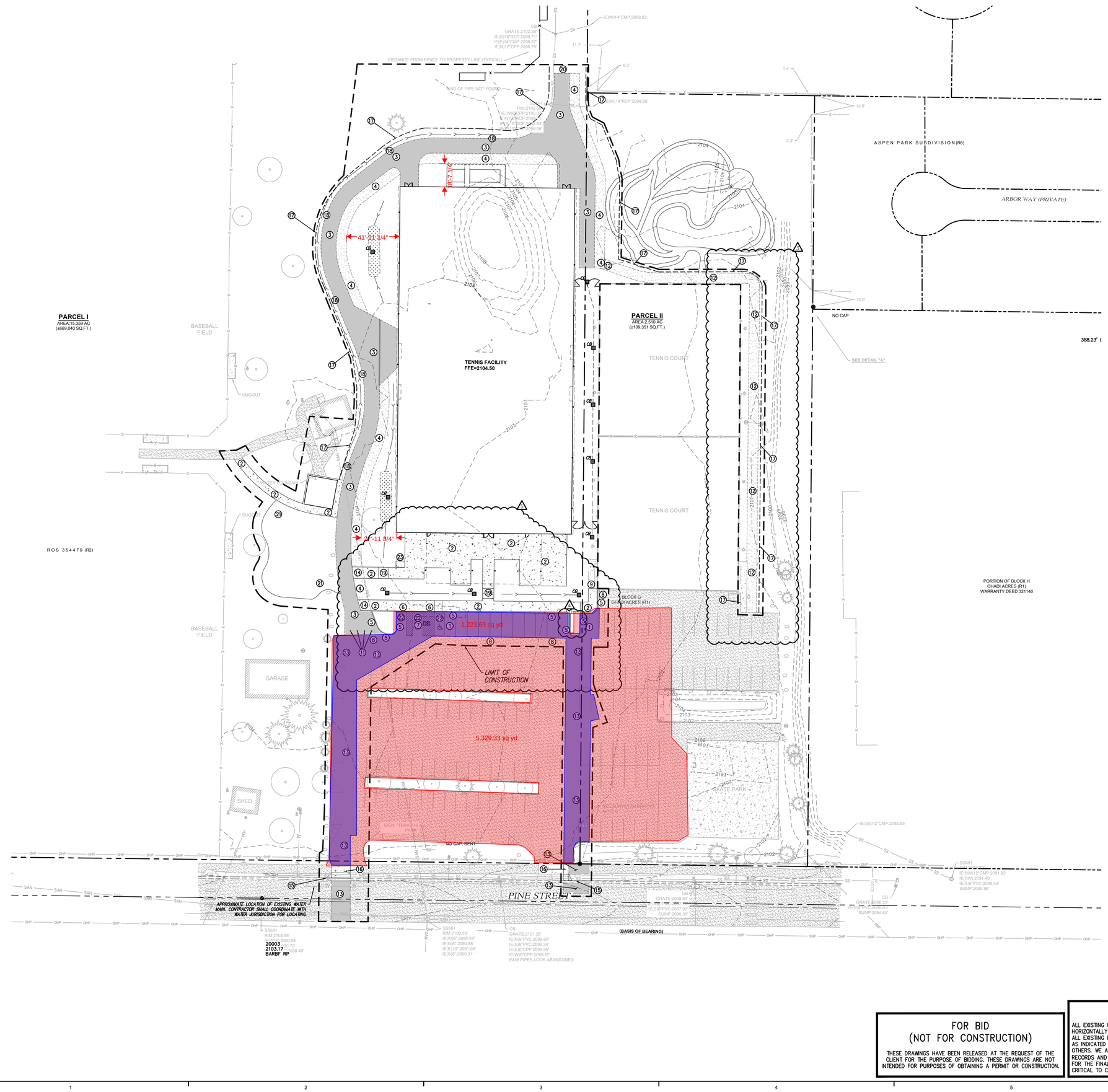
#	Cost Code	Description	Type	Amount
1	32-1216 - Asphalt Paving	RFP_022 - Credit: Paving in Base Bid	SUBCONTRACT	($69,847.00)
2	32-1723 - Pavement Markings	RFP_022 - Credit: Base Bid Striping	SUBCONTRACT	($3,190.00)
3	32-1216 - Asphalt Paving	RFP_022 - Add: Demo, Shape & Pave entire lot	SUBCONTRACT	$ 180,691.80
4	32-1723 - Pavement Markings	RFP_022 - Add: Striping entire lot	SUBCONTRACT	$ 6,735.00
			Subtotal:	$114,389.80
			Liability Insurance: 1.00% Applies to OTHER, MATERIAL, LABOR, RENTAL, and SUBCONTRACT.	$ 1,143.90
			OH&P: 6.00% Applies to OTHER, MATERIAL, LABOR, RENTAL, and SUBCONTRACT.	$ 6,863.39
			Grand Total:	**$122,397.09**

Rustin Hall (ALSC Architects)
203 N. Washington Suite 400
Spokane Washington 99201

City of Sandpoint
1123 Lake St.
Sandpoint Idaho 83864

Ginno Construction Company
3893 North Schreiber Way
Coeur d'Alene Idaho 83815

SIGNATURE	DATE	SIGNATURE	DATE	SIGNATURE	DATE


PARCEL I
AREA:15.359 AC
(±669,040 SQ.FT.)
PARCEL II
AREA:2.510 AC
(±109,351 SQ.FT.)
TENNIS FACILITY
FFE=2104.50
TENNIS COURT
TENNIS COURT
BASEBALL FIELD
BASEBALL FIELD
GARAGE
SHED
DUGOUT
DUGOUT
DRINKING FOUNTAIN
SKATE PARK
ROS 354479 (R2)
ASPEN PARK SUBDIVISION(R6)
ARBOR WAY (PRIVATE)
PORTION OF BLOCK H
OHADI ACRES (R1)
WARRANTY DEED 321140
BLOCK G
OHADI ACRES (R1)
PINE STREET
LIMIT OF CONSTRUCTION
1,223.69 sq yd
5,329.33 sq yd
41'-11 3/4"
41'-11 3/4"
32'-7 1/4"
NO CAP
NO CAP, BENT
SEE DETAIL "A"
388.23' (
(BASIS OF BEARING)
APPROXIMATE LOCATION OF EXISTING WATER MAIN. CONTRACTOR SHALL COORDINATE WITH WATER JURISDICTION FOR LOCATING.
SSMH
RIM:2102.95'
IE:2090.95'
IE:2090.79'
IE:2090.48'
20003
2103.17
BARBF RP
SSMH
RIM:2102.03'
IE(W)8":2090.29'
IE(N)6":2090.88'
IE(E)10":2091.00'
IE(S)8":2090.31'
CB
GRATE:2101.25'
IE(N)8"PVC:2099.69'
IE(S)8"PVC:2099.24'
IE(E)6"CPP:2099.90'
IE(W)6"CPP:2099.97'
E&W PIPES LOOK ABANDONED
CB
GRATE:2099.69'
IE(N)8"PVC:2097.69'
SUMP:2096.36'
CB
GRATE:2102.25'
IE(W)12"CMP:2091.58'
IE(SW):2091.40'
IE(S)8"PVC:2095.42'
SUMP:2090.98'
CB
GRATE:2096.25'
IE(N)8":2092.65'
SUMP:2094.62'
SDMH
IE(SW)12"CMP:2091.58'
IE(SW):2091.40'
IE(S)8"PVC:2095.42'
SUMP:2090.98'
IE(SE)12"CMP:2092.65'
IE(W)18"RCP:2098.66'
IE(W)14"CMP:2098.82'
CB
GRATE:2102.28'
IE(S)16"RCP:2098.71'
IE(E)14"CMP:2098.87'
IE(N)12"CPP:2098.78'
END OF PIPE NOT FOUND
RIM:2103.00'
IE(W)8"CPP:2100.19'
IE(N)12"RCP:2098.82'
IE(S)12"RCP:2098.69'
DISTANCE FROM FENCE TO PROPERTY LINE (TYPICAL)
55
11.7'
8.0'
1.4'
14.6'
2.2'
15.0'
SIGN "TRAVERS PARK"
SIGN "SKATE PARK"
SIGN "DRINKING FOUNTAIN"
SIGN "PARK RULES"
SIGN "PARK RULES"
SIGN "PARK RULES

ALSC ARCHITECTS
SPOKANE
203 N Washington
Suite 400
Spokane, WA
99201
P 509.838.8568
alscarchitects.com

REQUEST FOR PROPOSAL NO: 022

Project Name: Travers Park Recreation Center

Owner: City of Sandpoint

Contractor: Ginno Construction Company

Job Number: 2023-011

TO: Ginno Construction Company, Contractor, please furnish your proposal for performing the changes outlined below and/or detailed on the attachments referred to:

Provide pricing (breakout each line) for the following:

- Remove existing manhole cover and replace with a drainage grate. Contractor to utilize a silt sock to prevent sediments from entering storm drain during construction. Contractor to return the new manhole cover to the City for future use.
- *Remove existing asphalt in entire parking lot where all work has occurred. Leave the strip of asphalt south of the existing outdoor tennis courts and north of new skatepark, where possible as it aligns with new grading.
- **Design/Build re-grade parking lot to drain away from skatepark, to new inlet located on southwest side of drive lane.
- *Resurface with asphalt.
- *Restripe parking lot as shown in attached sketch. Striping layout shown is for pricing purposes only; review final striping plan with owner/owner representative in field/via shop drawing.
- Review design with owner representative in field, prior to commencing work.

* Please provide a breakout of the credit for the related work already shown in contract documents that will be incorporated into this Proposal.

** Note: The design-build grading work that occurs must align with overall masterplan of stormwater strategies shown in the original documents. Ensure accessible pathways through this area are compliant with ADA standards.

ALSC Architects, P.S. By Gale Stanley Date: 7/16/24

PROPOSAL:

To the Owner: We propose to perform all changes described in the above request for a total ADDITION/DEDUCTION (cross out one) to the contract sum of:

_____ $_____

(not including Sales Tax)

We have attached cost estimate detail sheets, and the foregoing amount covers all direct and indirect costs related to this proposal and to the effect of the proposal on the remainder of the project. All other provisions of the contract remain in full force and effect. We request the completion date be EXTENDED/REDUCED (cross one out) _____ calendar days because of this work. The Contractor agrees to be bound to this proposal quotation for sixty (60) days after this date.

_____ By_____ Date:_____
Contractor

RECOMMENDATION:

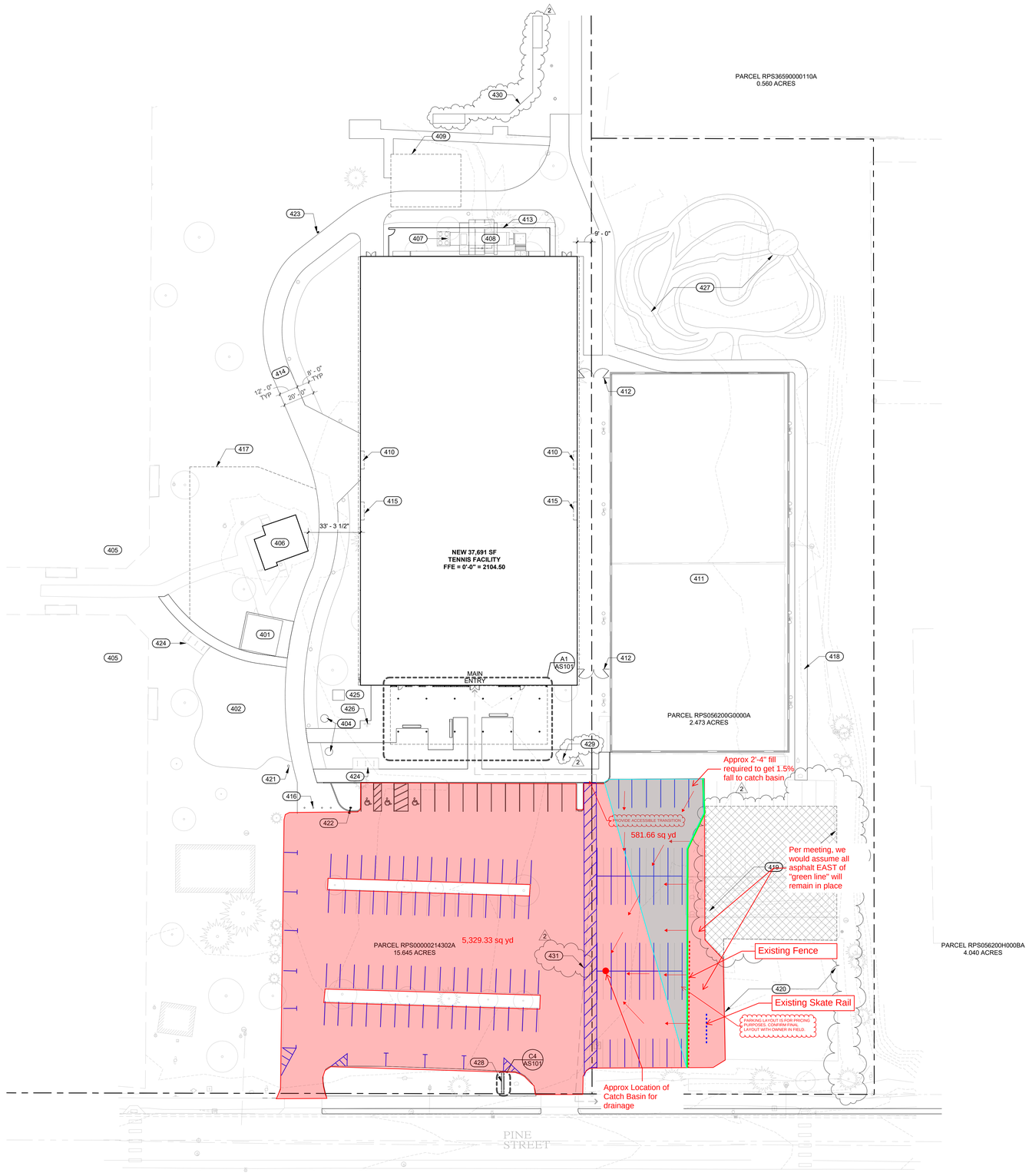
TO: Owner, we have examined the foregoing proposal and find it to be appropriate for the request. We recommend its acceptance.

ALSC Architects, P.S. By_____ Date:_____

PROPOSAL ACCEPTANCE:

The Owner hereby accepts the foregoing proposal. This instrument, when signed below, constitutes the conditions upon which a Change Order will be issued.

_____ By_____ Date_____
Owner



A1 SITE PLAN
SCALE: 1" = 30'-0"

PROJECT NORTH

LEGAL DESCRIPTION / ZONING INFORMATION

AHJ: CITY OF SANDPOINT BUILDING & PLANNING DEPT
SANDPOINT CITY CODE, TITLE 9, ZONING

A.	PARCEL NUMBER	RPS00000214302A
B.	PROPERTY ADDRESS	2016 PINE STREET
C.	LEGAL DESCRIPTION	21-57N-2W TAX 2, LESS TAX 26 TRAVER'S PARK
D.	ZONING	RESIDENTIAL SINGLE FAMILY - RS
E.	MAX BUILDING AREA	35% OF LOT AREA
F.	MAX IMPERVIOUS AREA	30% OF LOT AREA
G.	MAX BUILDING HEIGHT	N/A
H.	FRONT YARD SETBACK	20'-0" FROM PROPERTY LINE
I.	SIDE YARD SETBACK	5'-0" FROM PROPERTY LINE
J.	REAR YARD SETBACK	15'-0" FROM PROPERTY LINE
K.	PROPOSED SQUARE FOOTAGE	37,656 SF
L.	PROPOSED BUILDING HEIGHT	55'-0" / 1 STORY
M.	PARKING REQUIREMENTS TOTAL PARKING PROVIDED:	3 NEW ADA STALLS 12 NEW STANDARD STALLS 131 *EXISTING STALLS (TBD - BASED ON SKATE PARK EXTENTS)*

CODED NOTES

NUMBER	DESCRIPTION
401	RELOCATED PICNIC SHELTER-SEE LANDSCAPE
402	RELOCATED PLAYGROUND-SEE LANDSCAPE
404	BRONZE STATUE - OFCI. SEE LANDSCAPE
405	EXISTING SOFTBALL FIELD TO REMAIN
406	EXISTING RESTROOMS & CONCESSIONS BUILDING TO REMAIN
407	FUTURE CONDENSER LOCATION
408	AIR HANDLING UNIT-SEE MECH
409	EXISTING BATTING CAGES TO BE RELOCATED
410	OVERHEAD DOOR LOCATION
411	EXISTING TENNIS COURTS, PERIMETER FENCING AND LIGHTING TO REMAIN
412	CHAIN LINK FENCE & GATE - SEE LANDSCAPE
413	SITE OBSCURING FENCE ENCLOSURE - SEE LANDSCAPE
414	12' WIDE ASPHALT TRAIL W/ 8' WIDE GRAVEL SHOULDER FOR 20' FIRE ACCESS
415	ALTERNATE 1 - OVERHEAD DOOR LOCATION
416	REMOVABLE BOLLARD, TYP OF (4) - SEE CIVIL
417	DASHED LINE INDICATES EXTENTS OF FUTURE PLAYGROUND EXTENSION & SPLASH PAD, NIC
418	TRAIL, SEE CIVIL
419	AREA OF SKATE PARK EXPANSION, NIC. SEE ELECTRICAL FOR ALTERNATE 2 LIGHTING FIXTURES
420	EXISTING SKATE PARK TO REMAIN
421	EXISTING FIRE HYDRANT
422	NEW FIRE HYDRANT AND FIRE DEPARTMENT CONNECTION - SEE CIVIL
423	NEW FIRE HYDRANT - SEE CIVIL
424	BIKE RACK, SEE LANDSCAPE
426	DRINKING FOUNTAIN W/CONCRETE PAD, SEE LANDSCAPE
427	BIKE SKILLS COURSE, NIC
428	CONCRETE MONUMENT SIGN
429	FLAGPOLE - COORDINATE POWER W/ ELECTRICAL
430	EXISTING BACKSTOP FENCING TO REMAIN
431	SHADED DASHED LINE INDICATES ACCESSIBLE PATH OF TRAVEL FROM PUBLIC RIGHT OF WAY TO BUILDING ENTRANCE.

ALSC ARCHITECTS
We bring our clients' **stories** to life.
203 N. Washington, Ste. 400
Spokane, WA 99201
509.838.8568
alscarchitects.com

LICENSED ARCHITECT
AR-984810
KIMBERLY A. PHELPS
STATE OF IDAHO

SANDPOINT
CITY OF SANDPOINT

TRAVERS PARK RECREATION CENTER

CONSTRUCTION DOCUMENTS

REV	DATE	DESCRIPTION
1	11/29/23	CONST DOCUMENTS
2	12/08/23	ADDENDUM 1

PROJ. NO.	2023-011
DRAWN	RM
PROJ MNGR	GS
DATE	11/29/23

© ALSC ARCHITECTS, P.S.

SITE PLAN

AS100

Re: Fw: For Woods

Scott Wood <scottwood933@gmail.com>

Wed 7/31/2024 9:30 AM

To:Cory Quan <cory@ginnoconstruction.com>

1 attachments (72 KB)

Travers Park Parking Lot Rebuild.pdf;

Cory,

Here you go.
Once again. On my original bid #23395
Item 2 total of $17295
Item 3 total of $52,552
For a total of $69,847.00 Will be reduced from the contract price.

I will need to add back in some patching though at some point as I'm sure there will still be some out on Pine st. and the path. I just don't know how much now.

Let me know what you think or if you have any questions.
Thanks

Scott Wood
Wood's Crushing & Hauling Inc.
933 Woodside Rd
Sandpoint Id. 83864
PH (208) 263-4800
Fax (208) 265-9246
Cell (208) 290-6920

------ Original Message ------
From "Cory Quan" <cory@ginnoconstruction.com>
To "Scott Wood" <scottwood933@gmail.com>
Cc "Isaiah Yandt" <isaiah@ginnoconstruction.com>
Date 7/30/2024 3:55:13 PM
Subject Fw: For Woods

> Not sure if this got forwarded
>
> This is an old "existing conditions map" though

Cory Quan (Phillips)
Ginno Construction Co. | *Project Manager*
Cell: 509.362.5853 | Office: 208.667.5560
3893 N. Schreiber Way | Coeur d'Alene, ID 83815
www.ginnoconstruction.com

From: Maeve Nevins-Lavtar <mnevinslavtar@sandpointidaho.gov>
Sent: Wednesday, July 24, 2024 7:40 PM
To: Cory Quan <cory@ginnoconstruction.com>; Isaiah Yandt <isaiah@ginnoconstruction.com>
Subject: For Woods

Here is what I have for the survey, there may be more survey available from Gale in her files.

Maeve Nevins-Lavtar, ASLA
Parks Planning and Development Manager
City of Sandpoint | 1123 Lake Street, Sandpoint, ID 83864
O: (208)-946-2711 | C: (208)-450-3767 mnevinslavtar@sandpointidaho.gov

Wood's CRUSHING & HAULING, INC.

Serving the great northwest since 1975.

ROCK • ASPHALT • CONCRETE

Sandpoint, ID • 208-263-4800

To:	Ginno Construction	**Contact:**	
Address:	3893 N. Schreiber Way	**Phone:**	(208) 667-5560
	Coeur D' Alene, ID 83815	**Fax:**	(208) 665-0471
Project Name:	Travers Park Parking Lot Repaving	**Bid Number:**	24244
Project Location:		**Bid Date:**	7/31/2024

We are pleased to submit the following estimate for your consideration

Item Description	Estimated Quantity	Unit	Unit Price	Total Price
Mobilization	1.00	LS	$1,500.00	$1,500.00
Remove Existing Asphalt	47,970.00	SF	$0.29	$13,911.30
Grade And Compact Existing Material	47,970.00	SF	$0.15	$7,195.50
Place And Compact Ballast Rock As Needed For Drainage	450.00	TON	$36.00	$16,200.00
Place And Compact 3/4 Minus Gravel As Needed 6" In Depth On New Area (Per Original Contract) 4" In Depth Over Ballast As Needed On Remainder	495.00	TON	$55.00	$27,225.00
3" Hot Mix Asphalt	910.00	TON	$126.00	$114,660.00

Total Bid Price: $180,691.80

Notes:

- Due to fluctuating costs of fuel and asphalt oil any increase in price will be passed on to the customer
- It is understood that the above is an estimate of the quantities to be done and that the payment shall be made at the stated unit prices on the actual quantities of work performed by the company as determined upon completion of work
- ITD Public Works: 11242-AAA-4
  WA Contractor # WOODSCH121DQ
  MT Contractor # 14219
  Construction Contracting Business: RCE-1911
- Any failures such as settleing, sinking, heaving or cracking of the asphalt due to insufficient base work and compaction of utility trenches prior to Wood's scope of work will not be guarantied and repair will be charged to the customer
- Wood's will guarantee its asphalt paving and base work for a period of 1 year after completion of work. Any failure due to the integrity of the asphalt will be fixed by Wood's at no additional charge.
- Prices may be withdrawn if not accepted within 15 days of receiving this proposal

Payment Terms:

Payment is due within 30 days upon receiving invoice

ACCEPTED:

The above prices, specifications and conditions are satisfactory and are hereby accepted.

Buyer: _____

Signature: _____

Date of Acceptance: _____

CONFIRMED:

Wood's Crushing And Hauling Inc.

Authorized Signature: _____

Estimator: Scott Wood

SPECIALIZED PAVEMENT MARKING

WASHINGTON

PACIFIC - SUMNER - BREMERTON - YAKIMA - KENNEWICK - SPOKANE

PROPOSAL

ATTENTION: Ginno Const.. Cory Quan

ESTIMATOR JIM FRIEDRICH
509-535-4965

PROJECT: C24-0399Travers Park Phase 1
2016 Pine St. Sandpoint, Idaho
BID DATE: 8/5/2024

ITEM #	DESCRIPTION	PLAN QTY	UNIT	UNIT BID	TOTAL BID
				$ -	$ -
				$ -	$ -
	RFP _ 022 CREDIT FOR BASE BID STRIPING $3190			$ -	$ -
				$ -	$ -
	RFP_022 STRIPING ENTIRE LOT			$ -	$ -
1	LAYOUT AND STRIPE LOT PER REVISED PLAN AS-100	1.00	EACH	$ 5,100.00	$ 5,100.00
	117EA PARKING STALLS			$ -	$ -
	3EA HANDICAP STENCILS WITH BLUE BACKGROUNDS			$ -	$ -
	2EA HANDICAP WALKWAYS			$ -	$ -
	195L.F. PEDESTRIAN WALKWAY			$ -	$ -
				$ -	$ -
2	INSTALL HANDICAP SIGNS ON 2" ROUNF GALV. POSTS	3.00	EACH	$ 395.00	$ 1,185.00
				$ -	$ -
3	INSTALL 6' PRECAST CONCRETE WHEEL STOPS	3.00	EACH	$ 150.00	$ 450.00
				$ -	$ -
				$ -	$ -
				$ -	$ -
				$ -	$ -
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				$ -	$ -
				$ -	$ -
	TOTAL (Sales Tax Not Included)				**$ 6,735.00**

PLEASE NOTIFY US RIGHT AWAY IF WE GOT THIS JOB SO WE CAN PROCESS AND CREATE A FILE

Specialized Pavement Marking, LLC proposes to furnish all labor, equipment and materials necessary to complete referenced project
Quote good for 30 days from above date, after which time a price adjustment may be necessary.

STIPULATIONS:

- **GENERAL CONTRACTOR TO PROVIDE TRAFFIC CONTROL & LAYOUT. APPROVAL REQUIRED PRIOR TO SPM'S ARRIVAL**
- **PROPOSAL EXCLUDES BOND. BOND CAN BE PROVIDED AT 1.35% OF CONTRACT TOTAL**
- **THIS PROPOSAL TO BE INCLUDED WITH CONTRACT DOCUMENTS.**
- **PROPOSAL TO INCLUDE X MOBILIZATION(S). EACH ADDITIONAL MOBILIZATION TO BE $2,500.00**
- **ALL ITEMS ARE INCLUSIVE, ANY SEPARATING OF ITEMS TO BE AT SPM'S DISCRETION.**
- **SUBSTRATE NEEDS TO BE CLEAN AND READY TO STRIPE PRIOR TO SPM ARRIVAL**
- **ALL OBJECTS AND OBSTRUCTIONS TO BE REMOVED PRIOR TO STRIPING AND/OR REMOVAL**
- **EXCLUDES ANY REMOVAL OF EXISTING MARKINGS, LAYOUT MARKS, AND/OR TEMPORARY TAPE**
- **EXTRUDED CURB EXCLUDES ANY AFTER HOUR PLANT OPENING FEES.**
- **EXCLUDES CORE DRILLING AND/OR UTILITY LOCATES.**
- **ADDEDNDUM(S) ACKNOWLEDGED: 1 THROUGH X**

For questions regarding this quote, please contact ___NAME_____ - (XXX) XXX-XXXX / ___NAME_____@SPMNW.com

SIGNATURE

NOTICE OF PUBLIC HEARING
PROPOSED BUDGET FOR FISCAL YEAR 2024-2025
AND USE OF FORGONE LEVYING AUTHORITY
CITY OF SANDPOINT, IDAHO

Pursuant to Idaho Code Section 50-1002, a public hearing will be held during the regular Sandpoint City Council meeting scheduled for Wednesday, August 21, 2024, at 5:30 p.m. in Council chambers at City Hall, 1123 W. Lake St., Sandpoint, Idaho, to take public testimony regarding the City's proposed budget for fiscal year 2024-2025 and intent to use forgone levying authority. All interested persons are invited to appear and show cause, if any, why such budget should or should not be adopted and/or why the City's forgone levying authority should or should not be used. The proposed budget, in detail, can be found by visiting the City website at www.sandpointidaho.gov or City Hall during regular office hours, 8:00 a.m.–5:00 p.m., Mon– Fri.

Proposed Expenditures	2022/2023 Actual	2023/2024 Budget	2024/2025 Proposed
General Fund			
Administration	3,211,074	3,924,402	3,868,705
Public Safety	6,375,465	7,374,300	5,606,549
Streets	2,125,871	1,370,862	1,345,799
Planning	206,621	296,500	263,298
Culture & Recreation	1,103,015	1,215,137	1,064,271
Capital Projects	2,738,890	6,334,700	9,597,800
General Fund Totals	15,760,936	20,515,901	21,746,422
Special Revenue Funds			
Fiber Optic Network Fund	8,646	1,241,000	96,000
Capital Impact Fee Fund	52,073	1,567,978	1,455,500
Recreation Fund	284,032	379,909	647,777
Parks Capital Improvement Fund	1,036,543	8,430,187	2,109,822
Special Revenue Funds Total	1,381,294	11,619,074	4,309,099
Enterprise Funds			
Sanitation	629,785	670,000	645,000
Water	2,904,823	5,540,675	8,285,283
Wastewater	2,651,934	8,895,630	11,337,136
Enterprise Funds Total	6,186,542	15,106,305	20,267,419
Debt Service Fund	826,750	826,750	826,751
Agency Funds			
LID Funds (combined)	6,934	1,041,858	6,857
Agency Fund Totals	6,934	1,041,858	6,857
Intergovernmental Transfers	4,350,303	3,864,381	3,342,506
Total Expenditures - All Funds	28,512,759	52,974,269	50,499,054

Proposed Revenues	2022/2023 Actual	2023/2024 Budget	2024/2025 Proposed
Property Tax Levy			
General Fund	4,570,040	4,531,117	4,850,993
Forgone Levying Authority-Public Safety	49,829	50,094	51,794
Recreation Fund	215,047	213,508	228,581
Property Tax Levy Total	4,834,916	4,794,719	5,131,368
Revenue Sources Other than Property Tax			
General Fund	8,948,614	10,238,218	8,060,869
Grant Revenue	831,123	2,823,668	5,216,084
Fiber Optic Network Fund	39,828	41,000	46,000
Capital Improvement Fund (Impact Fees)	508,198	487,978	513,000
Recreation Fund	85,563	101,461	351,121
Parks Improvement Fund	1,083,364	536,850	536,585
Garbage Fund	794,622	790,000	815,000
Water Fund	4,954,900	4,721,700	4,737,500
Water Reserves	1,346,780	500,000	500,000
Wastewater Fund	5,478,606	4,765,750	5,365,750
Wastewater Reserves	578,567	300,000	300,000
Debt Service Fund	37,370	-	-
LID Guarantee Fund	1,455	-	-
LID Funds	9,655	991,371	1,370
Intergovernmental Transfers	4,350,303	3,864,381	3,342,506
Beginning Cash	-	18,017,173	15,581,901
Other Revenue Sources Total	29,048,948	48,179,550	45,367,686
Total Revenues - All Funds	33,883,864	52,974,269	50,499,054

For questions or requests for special accommodations, please call (208) 263-3310 at least 48 hours prior to the meeting.
Legal#6275
AD#25683
August 6, 13, 2024

AGENDA REPORT

City Council Meeting

TODAY'S DATE: August 13, 2024

MEETING DATE: August 21, 2024

TO: Mayor and Sandpoint City Council

FROM: Sarah Lynds, Finance Director

SUBJECT: FY 2025 Annual Budget Hearing & Final Adoption of the Budget

DESCRIPTION/BACKGROUND: At the City Council meeting on July 17, 2024 (agenda item 13) the preliminary budget ceiling amount of $50,499,054 was adopted and a public hearing was scheduled for August 21, 2024. Also at this meeting an in-depth presentation of the City Capital Improvement One-Year Plan was presented by city staff. At the August 7th meeting a budget workshop was held to present the various Department and Division operating budgets.

The Notice of Public Hearing for the FY2025 budget was published in the Bonner County Daily Bee on August 6th and 13th and the public hearing is scheduled for August 21, 2024.

STAFF RECOMMENDATION: Hold public hearing and adopt the City of Sandpoint FY 2025 budget of $50,499,054.

ACTION: Adopt the City of Sandpoint FY 2025 budget of $50,499,054.

WILL THERE BE ANY FINANCIAL IMPACT? N/A

HAS THIS ITEM BEEN BUDGETED? N/A

ATTACHMENTS:

1) Bonner County Daily Bee Notice of Public Hearing
2) Annual Appropriation Ordinance
3) Resolution - Certifying the Amount of Forgone Increase to be included in FY25 Budget
4) 2024 L-2 Worksheet to be submitted to the County by September 5, 2024.

Link to the budget book:

https://city-sandpoint-id-budget-book.cleargov.com/9034/introduction/transmittal-letter

Instructions & Notes

Enter values or select text in the fields that are this color:	
Fields that turn red are above their cap or conflict with another field:	Incorrect values
If prompted: click "Enable Editing" or "Enable Content" on Excel Workbook	

2024 L-2 DASHBOARD

User Type: Local District or County Official?	**Local District**
Select District/Form Type From Drop Down Menu:	**City**
Select County From Drop Down Menu:	**Bonner**
Select District Name from Drop Down Menu:	**City of Sandpoint**
Name of County or Counties This District Resides In:	
County Name:	**Bonner**
Multi-County District: NO	

Percent Base Budget Growth Requested (max 3%)		**3.0%**
Total 2024 Net Taxable Value + Estimated Sub-roll:	**Bonner**	**$ 1,975,158,900**
(not including Operating Property)		
Enter 2024 New Construction value:	**Bonner**	**$ 23,799,230**
(reported by County Assessor at 90%)		
Does this district have annexation value for 2024?		**No**
Does this district have expiring Urban Renewal?		**No**
Was this city annexed into a fire district this year?		**No**

"Recovered/Recaptured Property Tax and Refund List" form data	
Does this district receive Solar Farm Tax?	No
Did this district receive income from recovered homeowner's exemptions?	No
Does the "Recovered/Recaptured Property Tax and Refund List" form have any amounts in columns 3 or 4 for this district? (Other reductions)	No

Recovery of Forgone Amounts:		
District's Existing Forgone Balance:	$	399,493
Will the district use its forgone balance to increase this year's budget?	Yes	
Max Forgone Allowed to Recover for Maintenance & Operations (up to 1%):	$	51,017
Enter Amount of Forgone to be Recovered for Maintenance & Operations:	$	51,017
Max Forgone Allowed to Recover for Capital Projects (up to 3%):	$	153,052
Enter Amount of Forgone to be Recovered for Capital Projects:	$	-
Please complete and submit a resolution to recover forgone		

Non-Exempt Budget Increase Calculation Summary			
This section summarizes the allowable increases from the highest non-exempt property tax budget of the last 3 years (including replacements other than solar farm tax) (see 'L-2 worksheet' tab for calculation detail)			
Base budget increase selected (up to 3% selected above)	3.00%	$	146,838
New construction budget increase	1.23%	$	60,293
Effect of 8% cap on new construction & annexation increases	0.00%	$	-
Other reductions to levying authority	0.00%	$	-
Budget reduction if city annexed into fire district	0.00%	$	-
Extra increase to the maximum budget from forgone amounts (Maintenance & Operations)	1.00%	$	51,017
Extra increase to the maximum budget from forgone amounts (Capital Projects)	0.00%	$	-
Total non-exempt budget increase	5.27%	$	258,148

2024 L-2 Worksheet				
District Name: City of Sandpoint				Distri
Allowable Base Budget Calculation:				
Highest Non-Exempt P-Tax Budget + P-Tax Replacement (from the 'Maximum Budget & Forgone Amounts Worksheet')			**(1)**	$ 4,894,593
Selected Base Budget Growth (up to 3% of line 1)			**(2)**	$ 146,838
New Construction, Annexation, & Expiring Urban Renewal Allowable Budget Increases Calculation:				
2023 Value of District's Operating Property from Each Applicable County:		**Value**		
Bonner	**(3a)**	$ 14,834,226		
	(3b)			
	(3c)			
	(3d)			
Total 2023 Operating Property Value (total of lines 3a thru 3d):	**(3)**	$ 14,834,226		
2024 District's Net Taxable Value & Estimated Sub-roll from Each Applicable County:		**Value**		
Bonner	**(4a)**	$ 1,975,158,900		
	(4b)	$ -		
	(4c)	$ -		
	(4d)	$ -		
Total 2024 Net Taxable Value & Estimated Sub-roll (total of lines 4a thru 4d):	**(4)**	$ 1,975,158,900		
Preliminary Levy Rate for New Construction:				
2024 New Construction Preliminary Levy Rate ((line 1 + line 2)/(line 3 + line 4))	**(5)**	0.002533391		
2024 Value of District's New Construction Roll from Each Applicable County:		**Value**		
Bonner	**(6a)**	$ 23,799,230		
	(6b)	$ -		
	(6c)	$ -		
	(6d)	$ -		
Total New Construction Roll (NOT including expiring Urban Renewal) (total of lines 6a thru 6d)	**(6)**	$ 23,799,230		
New Construction Roll Allowable Budget Increase (multiply line 5 by line 6)			**(7)**	$ 60,293
2024 Value of District's Annexed Property:				
2024 Full Taxable Value of Annexation from Property Assessed by County	**(8)**	$ -		
90% of Annexation Value Assessed by County	**(9)**	$ -		
Estimated Value of Annexed Operating Property (line 8 divided by line 4, then multiplied by line 3)	**(10)**	$ -		
2024 annexation preliminary levy rate ((line 1 + line 2)/(line 3 + line 4 + line 10))	**(11)**	0.002533391		
Annexation allowable budget increase (multiply line 9 by line 11)			**(12)**	$ -
2024 Expiring Urban Renewal:				
Total expiring Urban Renewal value	**(13)**	$ -		
80% of expiring Urban Renewal value	**(14)**	$ -		
Expiring Urban Renewal budget increase (line 5 multiplied by line 14)			**(15)**	$ -
Total Non-Exempt Allowable Budget (before P-tax Replacement and other deductions):				
Total uncapped budget growth potential (Add lines 1+2+7+12+15)	**(16)**	$ 5,101,724		
Total capped growth (max 8%) (line 1 X 1.08 + line 15)	**(17)**	$ 5,286,160		
Total non-exempt budget allowed (lesser of lines 16 and 17)			**(18)**	$ 5,101,724
Property Tax Replacements:				
Yearly amount of the agricultural equipment replacement money	**(19)**	$ 2,408		
Yearly amount of the 2013 personal property replacement money	**(20)**	$ 88,958		
Yearly amount of the 2022 personal property replacement money	**(21)**	$ 8,508		
Additional revenues to be subtracted from levying authority:				
Recovered Homeowner's Exemption property tax	**(22)**	$ -		
Other reductions reported in columns 3 and 4 of the Recovered/Recaptured Property Tax list	**(23)**	$ -		
Total of lines 19 thru 23			**(24)**	$ 99,874
Solar Farm Tax:				
Solar Farm Tax received in the prior year (7/1/22 - 6/30/23)			**(25)**	$ -
Solar Farm Tax received in the current year (7/1/23 - 6/30/24)			**(26)**	$ -
Fire District Annexation (Cities Only):				
If annexed by a fire district, enter the amount spent on fire services in the prior year			**(27)**	$ -
Forgone Amounts Section:				
Total forgone amount reported on the 'Maximum Budget and Forgone Amount Worksheet'	**(28)**	$ 399,493		
Forgone amount to be recovered in your budget for Maintenance & Operations (up to 1% of line 18).	**(29)**	$ 51,017		
Forgone amount to be recovered in your budget for Capital Projects (up to 3% of line 18).	**(30)**	$ -		
Total forgone amount to be recovered in your budget (sum of lines 29 & 30; can't exceed what is reported on the attached			**(31)**	$ 51,017
Tort Fund Less Property Tax Replacement (Schools Only):				
Not Applicable			**(32)**	
Not Applicable			**(33)**	
Maximum Allowable Non-Exempt Property Tax That Can Be Levied (Including Forgone Amount):				
Maximum non-exempt property tax budget including forgone amount (lines 18-24+25-26-27+31)			**(34)**	$ 5,05

2024 Dollar Certification of Budget Request to Board of County Commissioners L-2
(the "L-2 Worksheet" and applicable "Voter Approved Fund Tracker" and budget publication must be attached)

District Name: City of Sandpoint

Fund Name	Total Approved Budget*	Cash Forward Balance	Other revenue NOT shown in Column 5	Property Tax Replacement Plus Solar (Line 24 + Line 26 of 'L-2 Worksheet')	Balance to be levied Col. 2 minus (Cols. 3+4+5)
1	2	3	4	5	6
General Fund	$21,748,215	$1,916,681	$14,906,172	$99,874	$4,825,488
Recreation Fund	$647,777	$67,484	$352,914		$227,379
NON-LEVIED FUNDS (must net zero)					
Column Subtotal:	$22,395,992	$1,984,165	$15,259,086	$99,874	$5,052,867
				Maximum Allowable Non-Exempt Property Tax Amount to be Levied:	**$5,052,867**

Exempt Funds

(Bonds, Overrides, Judgment Funds, & Plant Facilities)

Exempt Funds	$28,103,062	$13,676,237	$14,426,825		
Column Subtotal:	$28,103,062	$13,676,237	$14,426,825		
Column Total:	**$50,499,054**	**$15,660,402**	**$29,685,911**	**$99,874**	**$5,052,867**
Expected Totals (for balancing purposes, values from 'L-2 Worksheet')				**$99,874**	

I, the undersigned, attest that a public hearing was held and a resolution was adopted to:
- RESERVE the current year's forgone amount, OR
- RECOVER forgone amounts (line 31 of the 'L-2 Worksheet')

I have attached the adopted and signed resolution indicating the amount of forgone to be reserved or recovered.
I have attached the Capital Project Worksheet for additional forgone (if applicable).

Max Reserved Forgone:	
Reserved Forgone:	
Recovered Forgone:	$51,017
Initials:	

I certify that the amounts shown above accurately reflect the budget being certified in accordance with the provisions of I.C. §63-803.
To the best of my knowledge, this district has established and adopted this budget in accordance with all provisions of Idaho Law.

Printed Name	**Signature of District Representative**	**Title**	**Date**

Sarah Lynds 1123 Lake Street Sandpoint, ID 83864	slynds@sandpointidaho.gov
Contact Name and Mailing Address	**Email Address**
208-263-3557	208-263-3678
Phone Number (###) ###-### EXT ###	**Fax Number (###) ###-###**

*Do not include revenue allocated to urban renewal agencies

CITY OF SANDPOINT ORDINANCE NO. ____

ANNUAL APPROPRIATION ORDINANCE

AN ORDINANCE OF THE CITY OF SANDPOINT, A MUNICIPAL CORPORATION OF THE STATE OF IDAHO, TERMED THE ANNUAL APPROPRIATION ORDINANCE, PURSUANT TO IDAHO CODE § 50-1003, APPROPRIATING $50,499,054 TO DEFRAY THE NECESSARY EXPENSES AND LIABILITIES OF THE CITY OF SANDPOINT, IDAHO, FOR THE FISCAL YEAR BEGINNING OCTOBER 1, 2024, LEVYING A SUFFICIENT TAX UPON THE TAXABLE PROPERTY AND SPECIFYING THE OBJECTS AND PURPOSE FOR WHICH SAID APPORIATION IS MADE; PROVIDING FOR SEVERABILITY, PUBLICATION AND AN EFFECTIVE DATE.

NOW THEREFORE, be it ordained by the Mayor and City Council of the City of Sandpoint, Bonner County, Idaho, that:

Ordinance Section 1: The sum of $50,499,054 be and is hereby appropriated to defray the necessary expenses and liabilities of the City of Sandpoint, Bonner County, Idaho, for the fiscal year beginning October 1, 2024.

Ordinance Section 2: The objects and purposes for which such appropriations are made are as follows:

	2024/2025 Adopted
General Fund	
Administration	3,868,705
Public Safety	5,606,549
Streets	1,345,799
Planning & Community Development	263,298
Culture & Recreation	1,064,271
Capital Projects	9,597,800
General Fund Total	21,746,422
Special Revenue Funds	
Fiber Optic Network Fund	96,000
Capital Impact Fee Fund	1,455,500
Recreation Fund	647,777
Parks Capital Improvement Fund	2,109,822
Special Revenue Funds Total	4,309,099
Enterprise Funds	
Sanitation	645,000
Water	8,285,283
Wastewater	11,337,136
Enterprise Funds Total	20,267,419
Debt Service Fund	
Debt Service Fund	826,751
Debt Service Fund Total	826,751

CITY OF SANDPOINT ORDINANCE NO. ____

Agency Fund	
LID Funds (combined)	6,857
Agency Fund Total	6,857
Intergovernmental Transfers	3,342,506
Total Expenditures - All Funds	$ 50,499,054

TOTAL OPERATING BUDGET	$ 25,587,267
CAPITAL IMPROVEMENTS	$ 24,911,787
TOTAL EXPENDITURES	$ 50,499,054

Ordinance Section 3: A general tax levy on all taxable property within the City of Sandpoint be levied in an amount allowed by law for the general purposes for said city, for the fiscal year beginning October 1, 2024.

Ordinance Section 4: The provisions of this ordinance are hereby declared to be severable, and if any provision of this ordinance or the application of such provision to any person or circumstance is declared invalid for any reason, such declaration shall not affect the validity of the remaining portions of this ordinance.

Ordinance Section 5: This ordinance shall be in full force and effect upon its passage, approval and publication, according to law.

Passed and adopted as an ordinance of the City of Sandpoint, Idaho, at a regular session of the Sandpoint City Council on August 21, 2024.

Jeremy Grimm, Mayor

ATTEST:

Melissa Ward, City Clerk

No: 24-
Date: August 21, 2024

RESOLUTION
OF THE CITY COUNCIL
CITY OF SANDPOINT

TITLE: CERTIFYING THE AMOUNT OF FORGONE INCREASE TO BE INCLUDED IN FISCAL YEAR 2025 BUDGET

WHEREAS: Under Idaho Code, taxing districts may choose to levy taxes less than the maximum amount allowed by law, which amount not levied is referred to as the forgone amount;

WHEREAS: Pursuant to Idaho Code § 63-802, in any subsequent year, following the district's notice of intent to recover and use forgone monies and a duly-noticed public hearing, a taxing district may recover the forgone increase with a resolution that states the amount of forgone increase to be budgeted and the specific purpose for which the forgone amount will be used; and

WHEREAS: During their July 17, 2024, regular meeting, Sandpoint City Council declared their intent to use forgone levying authority and scheduled a public hearing for August 21, 2024, in conjunction with the City's annual budget hearing.

NOW THEREFORE, BE IT RESOLVED THAT: Following a duly-noticed public hearing held August 21, 2024, Sandpoint City Council hereby certifies $51,017 as the amount of forgone increase to be included in the FY2025 budget, for the purpose of funding public safety vehicles.

BE IT FURTHER RESOLOVED THAT: Pursuant to Idaho Code § 63-802(e), upon adoption of this resolution, the City Clerk shall provide a copy to the Bonner County Clerk and Idaho State Tax Commission.

_____
Jeremy Grimm, Mayor

ATTEST:

_____
Melissa Ward, City Clerk

NOTICE OF PUBLIC HEARING

The Sandpoint City Council will hold a public hearing at its regular meeting on August 21, 2024, to take public testimony regarding establishing new fees and proposed existing fee increases of more than 5%. The meeting will begin at 5:30 p.m. in Council chambers at City Hall, 1123 W. Lake St., Sandpoint, Idaho. The entire proposed fee schedule, including fees proposed to increase 5% or less, will be available for review in the meeting packet on the City's website at www.sandpointidaho.gov and at City Hall.

Proposed new fees and fees that are proposed to increase more than 5% are as follows:

Fee Description	Current	Proposed	Comments/ % change	Effective Date
General City Administration				
Impact Fees - Outside Downtown URA				
Total Impact Fee Residential				
Multi-family/other all sizes	$ 4,006.00	$ 5,444.55	35.91%	IMMEDIATELY
Single Family 0-3 bedrooms	$ 3,895.00	$ 5,293.69	35.91%	IMMEDIATELY
Single Family 4+ bedrooms	$ 5,648.00	$ 7,676.20	35.91%	IMMEDIATELY
Total Impact Fee Non-Residential				
Commercial/Shopping Center Average	$ 3.72	$ 5.056	35.91%	IMMEDIATELY
Office	$ 1.34	$ 1.821	35.91%	IMMEDIATELY
Mini-Warehouse	$ 0.31	$ 0.421	35.91%	IMMEDIATELY
Warehousing	$ 0.43	$ 0.584	35.91%	IMMEDIATELY
Manufacturing	$ 0.46	$ 0.625	35.91%	IMMEDIATELY
Light Industrial	$ 0.85	$ 1.155	35.91%	IMMEDIATELY
Parks & Recreation Residential				
Multi-family/other all sizes	$ 1,959.00	$ 2,662.48	35.91%	IMMEDIATELY
Single Family 0-3 bedrooms	$ 1,814.00	$ 2,465.41	35.91%	IMMEDIATELY
Single Family 4+ bedrooms	$ 2,717.00	$ 3,692.67	35.91%	IMMEDIATELY
Police Residential				
Multi-family/other all sizes	$ 214.00	$ 290.85	35.91%	IMMEDIATELY
Single Family 0-3 bedrooms	$ 198.00	$ 269.10	35.91%	IMMEDIATELY
Single Family 4+ bedrooms	$ 297.00	$ 403.65	35.91%	IMMEDIATELY
Police Non-Residential				
Commercial/Shopping Center Average	$ 0.13	$ 0.177	35.91%	IMMEDIATELY
Office	$ 0.04	$ 0.054	35.91%	IMMEDIATELY
Mini-Warehouse	$ 0.01	$ 0.014	35.91%	IMMEDIATELY
Warehousing	$ 0.01	$ 0.014	35.91%	IMMEDIATELY
Manufacturing	$ 0.01	$ 0.014	35.91%	IMMEDIATELY
Light Industrial	$ 0.03	$ 0.041	35.91%	IMMEDIATELY
Fire Residential				
Multi-family/other all sizes	$ 367.00	$ 498.79	35.91%	IMMEDIATELY
Single Family 0-3 bedrooms	$ 340.00	$ 462.09	35.91%	IMMEDIATELY
Single Family 4+ bedrooms	$ 509.00	$ 691.78	35.91%	IMMEDIATELY
Fire Non-Residential				
Commercial/Shopping Center Average	$ 0.63	$ 0.856	35.91%	IMMEDIATELY
Office	$ 0.21	$ 0.285	35.91%	IMMEDIATELY
Mini-Warehouse	$ 0.05	$ 0.068	35.91%	IMMEDIATELY
Warehousing	$ 0.07	$ 0.095	35.91%	IMMEDIATELY
Manufacturing	$ 0.07	$ 0.095	35.91%	IMMEDIATELY
Light Industrial	$ 0.13	$ 0.177	35.91%	IMMEDIATELY
Transportation Streets Residential				
Multi-family/other all sizes	$ 1,108.00	$ 1,505.88	35.91%	IMMEDIATELY
Single Family 0-3 bedrooms	$ 1,211.00	$ 1,645.87	35.91%	IMMEDIATELY
Single Family 4+ bedrooms	$ 1,628.00	$ 2,212.61	35.91%	IMMEDIATELY
Transportation Streets Non-Residential				
Commercial/Shopping Center Average	$ 2.75	$ 3.738	35.91%	IMMEDIATELY
Office	$ 1.02	$ 1.386	35.91%	IMMEDIATELY
Mini-Warehouse	$ 0.23	$ 0.313	35.91%	IMMEDIATELY
Warehousing	$ 0.33	$ 0.449	35.91%	IMMEDIATELY
Manufacturing	$ 0.35	$ 0.476	35.91%	IMMEDIATELY
Light Industrial	$ 0.64	$ 0.870	35.91%	IMMEDIATELY
Transportation Pathways Residential				
Multi-family/other all sizes	$ 358.00	$ 486.56	35.91%	IMMEDIATELY
Single Family 0-3 bedrooms	$ 332.00	$ 451.22	35.91%	IMMEDIATELY
Single Family 4+ bedrooms	$ 497.00	$ 675.47	35.91%	IMMEDIATELY
Transportation Pathways Non-Residential				
Commercial/Shopping Center Average	$ 0.21	$ 0.285	35.91%	IMMEDIATELY
Office	$ 0.07	$ 0.095	35.91%	IMMEDIATELY
Mini-Warehouse	$ 0.02	$ 0.027	35.91%	IMMEDIATELY
Warehousing	$ 0.02	$ 0.027	35.91%	IMMEDIATELY
Manufacturing	$ 0.03	$ 0.041	35.91%	IMMEDIATELY
Light Industrial	$ 0.05	$ 0.068	35.91%	IMMEDIATELY
Impact Fees - Downtown URA				
Total Impact Fee Residential				
Multi-family/other all sizes	$ 3,569.00	$ 4,850.63	35.91%	IMMEDIATELY
Single Family 0-3 bedrooms	$ 3,417.00	$ 4,644.04	35.91%	IMMEDIATELY
Single Family 4+ bedrooms	$ 5,006.00	$ 6,803.65	35.91%	IMMEDIATELY
Total Impact Fee Non-Residential				
Commercial/Shopping Center Average	$ 2.64	$ 3.588	35.91%	IMMEDIATELY
Office	$ 0.94	$ 1.278	35.91%	IMMEDIATELY
Mini-Warehouse	$ 0.22	$ 0.299	35.91%	IMMEDIATELY
Warehousing	$ 0.30	$ 0.408	35.91%	IMMEDIATELY
Manufacturing	$ 0.32	$ 0.435	35.91%	IMMEDIATELY
Light Industrial	$ 0.60	$ 0.815	35.91%	IMMEDIATELY
Parks & Recreation Residential				
Multi-family/other all sizes	$ 1,959.00	$ 2,662.48	35.91%	IMMEDIATELY
Single Family 0-3 bedrooms	$ 1,814.00	$ 2,465.41	35.91%	IMMEDIATELY
Single Family 4+ bedrooms	$ 2,717.00	$ 3,692.67	35.91%	IMMEDIATELY
Police Residential				
Multi-family/other all sizes	$ 214.00	$ 290.85	35.91%	IMMEDIATELY
Single Family 0-3 bedrooms	$ 198.00	$ 269.10	35.91%	IMMEDIATELY
Single Family 4+ bedrooms	$ 297.00	$ 403.65	35.91%	IMMEDIATELY
Police Non-Residential				
Commercial/Shopping Center Average	$ 0.13	$ 0.177	35.91%	IMMEDIATELY
Office	$ 0.04	$ 0.054	35.91%	IMMEDIATELY
Mini-Warehouse	$ 0.01	$ 0.014	35.91%	IMMEDIATELY
Warehousing	$ 0.01	$ 0.014	35.91%	IMMEDIATELY
Manufacturing	$ 0.01	$ 0.014	35.91%	IMMEDIATELY
Light Industrial	$ 0.03	$ 0.041	35.91%	IMMEDIATELY
Fire Residential				
Multi-family/other all sizes	$ 367.00	$ 498.79	35.91%	IMMEDIATELY
Single Family 0-3 bedrooms	$ 340.00	$ 462.09	35.91%	IMMEDIATELY
Single Family 4+ bedrooms	$ 509.00	$ 691.78	35.91%	IMMEDIATELY
Fire Non-Residential				
Commercial/Shopping Center Average	$ 0.63	$ 0.856	35.91%	IMMEDIATELY
Office	$ 0.21	$ 0.285	35.91%	IMMEDIATELY
Mini-Warehouse	$ 0.05	$ 0.068	35.91%	IMMEDIATELY
Warehousing	$ 0.07	$ 0.095	35.91%	IMMEDIATELY
Manufacturing	$ 0.07	$ 0.095	35.91%	IMMEDIATELY
Light Industrial	$ 0.13	$ 0.177	35.91%	IMMEDIATELY
Transportation Streets Residential				
Multi-family/other all sizes	$ 671.00	$ 911.96	35.91%	IMMEDIATELY
Single Family 0-3 bedrooms	$ 733.00	$ 996.22	35.91%	IMMEDIATELY
Single Family 4+ bedrooms	$ 986.00	$ 1,340.07	35.91%	IMMEDIATELY
Transportation Streets Non-Residential				
Commercial/Shopping Center Average	$ 1.67	$ 2.270	35.91%	IMMEDIATELY
Office	$ 0.62	$ 0.843	35.91%	IMMEDIATELY
Mini-Warehouse	$ 0.14	$ 0.190	35.91%	IMMEDIATELY
Warehousing	$ 0.20	$ 0.272	35.91%	IMMEDIATELY
Manufacturing	$ 0.21	$ 0.285	35.91%	IMMEDIATELY
Light Industrial	$ 0.39	$ 0.530	35.91%	IMMEDIATELY
Transportation Pathways Residential				
Multi-family/other all sizes	$ 358.00	$ 486.56	35.91%	IMMEDIATELY
Single Family 0-3 bedrooms	$ 332.00	$ 451.22	35.91%	IMMEDIATELY
Single Family 4+ bedrooms	$ 497.00	$ 675.47	35.91%	IMMEDIATELY
Transportation Pathways Non-Residential				
Commercial/Shopping Center Average	$ 0.21	$ 0.285	35.91%	IMMEDIATELY
Office	$ 0.07	$ 0.095	35.91%	IMMEDIATELY
Mini-Warehouse	$ 0.02	$ 0.027	35.91%	IMMEDIATELY
Warehousing	$ 0.02	$ 0.027	35.91%	IMMEDIATELY
Manufacturing	$ 0.03	$ 0.041	35.91%	IMMEDIATELY
Light Industrial	$ 0.05	$ 0.068	35.91%	IMMEDIATELY
Rents and Royalties				
James E Russell Sports Center				
Annual Memberships				
Sandpoint Resident 19+ and all Seniors 65+	$ -	$ 400.00	NEW	IMMEDIATELY
Sandpoint Non-Resident	$ -	$ 450.00	NEW	IMMEDIATELY
Monthly Memberships				
Sandpoint Resident 19+ and all Seniors 65+	$ -	$ 40.00	NEW	IMMEDIATELY
Sandpoint Non-Resident	$ -	$ 45.00	NEW	IMMEDIATELY
Member Drop in play - Tennis (90-minute session)				
October - April	$ -	$ 5.00	NEW	IMMEDIATELY
May - September	$ -	$ 3.00	NEW	IMMEDIATELY
Court Reservations - Tennis 90-minute session. Paid in addition to Member Drop in rate.				
October - April	$ -	$ 10.00	NEW	IMMEDIATELY
May - September	$ -	$ 6.00	NEW	IMMEDIATELY
Member Drop in play - Pickleball (90-minute session)				
October - April	$ -	$ 3.00	NEW	IMMEDIATELY
May - September	$ -	$ 2.00	NEW	IMMEDIATELY
Non-Member - 90-minute session				
October - April	$ -	$ 16.00	NEW	IMMEDIATELY
May - September	$ -	$ 8.00	NEW	IMMEDIATELY
Court Reservations - Pickelball 2-hour priority or 90-minute private session				
October - April	$ -	$ 8.00	NEW	IMMEDIATELY
May - September	$ -	$ 4.00	NEW	IMMEDIATELY
Community Court Time for Pickleball or Tennis				
Bonner County Resident (outside Sandpoint City Limits)	$ -	$ 5.00	NEW	IMMEDIATELY
Non Bonner County Resident	$ -	$ 10.00	NEW	IMMEDIATELY
Community Room (max capacity of 50)				
Standard rate	$ -	$ 50.00	NEW	IMMEDIATELY
Non-profit rate	$ -	$ 25.00	NEW	IMMEDIATELY
Group JER Sport Center Usage/Rental				
Four Courts Use Rate - Per Hour - Group 1	$ -	$ 30.00	NEW	IMMEDIATELY
Four Courts Use Rate - Per Hour - Group 2	$ -	$ 40.00	NEW	IMMEDIATELY
Four Courts Use Rate - Per Hour - Group 3	$ -	$ 80.00	NEW	IMMEDIATELY
Four Courts Use Rate - Per Hour - Group 4	$ -	$ 120.00	NEW	IMMEDIATELY

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Four Courts Use Rate - Per Hour - Group 5	$ -	$ 160.00	NEW	IMMEDIATELY
Per Court Use Rate - Per Hour - Group 1	$ -	$ 7.50	NEW	IMMEDIATELY
Per Court Use Rate - Per Hour - Group 2	$ -	$ 10.00	NEW	IMMEDIATELY
Per Court Use Rate - Per Hour - Group 3	$ -	$ 20.00	NEW	IMMEDIATELY
Per Court Use Rate - Per Hour - Group 4	$ -	$ 30.00	NEW	IMMEDIATELY
Per Court Use Rate - Per Hour - Group 5	$ -	$ 40.00	NEW	IMMEDIATELY
Tournament Fee - Per Day - In add. to Hrly Court Use - Group 1	$ -	$ 135.00	NEW	IMMEDIATELY
Tournament Fee - Per Day - In add. to Hrly Court Use - Group 2 & 3	$ -	$ 180.00	NEW	IMMEDIATELY
Tournament Fee - Per Day - In add. to Hrly Court Use - Group 4	$ -	$ 270.00	NEW	IMMEDIATELY
Tournament Fee - Per Day - In add. to Hrly Court Use - Group 5	$ -	$ 360.00	NEW	IMMEDIATELY
Fines				
Animal Impound Fee	$ -	$ 100.00	NEW	IMMEDIATELY
Public Safety Services				
Fire Standby Services	$ -	$ 225.00	NEW	IMMEDIATELY
Community Development and Public Works Services				
City Hourly Labor Rate - Streets, Water, Wastewater Crews	$ 42.75	$ 46.00	7.6%	10/1/2024
Planning & Engineering				
Engineering Review - Traffic, TGDL	cost + 15%	$ 145.00	Varies	10/1/2024
Engineering Review - Traffic, TIA	cost + 15%	$ 362.50	Varies	10/1/2024
Engineering Review - Stormwater - one acre or less	$ 122.50	$ 290.00	136.7%	10/1/2024
Engineering Review - Stormwater - Greater than one acre	cost + 15%	$ 435.00	Varies	10/1/2024
Engineering Inspections - Additional Inspections	cost + 15%	$ 145.00	Varies	10/1/2024
Wastewater Plan Reviews/Inspections				
Engineering Review - Wastewater, with QPLE (as available)	$ 420.50	$ 580.00	37.9%	10/1/2024
Water Install/Materials				
2 inch meter/transponder (supply and install)	$ -	$ 1,329.00	NEW	IMMEDIATELY
Utility User Monthly Rates				
Miscellaneous				
New Account Fee	$ 12.54	$ 13.97	11.4%	9/16/2024
Late Charge	$ 18.82	$ 20.97	11.4%	9/16/2024
Door Hanger	$ 18.82	$ 20.97	11.4%	9/16/2024
Water				
Irrigation Volume Charge - per 1,000 gallons	$ 6.38	$ 6.91	8.31%	9/16/2024
Wastewater				
Residential Fixed Monthly Rate - Tier 1 - Legacy Rate	$ 68.62	$ 81.65	18.99%	9/16/2024
Residential Fixed Monthly Rate - Tier 2	$ 87.07	$ 99.62	14.41%	9/16/2024
Wastewater - Multi-Family - Fixed Monthly Rate x # Multi-Family Units	$ 49.83	$ 55.81	12.0%	9/16/2024
Wastewater - Commercial I (Non-grease Producer) - Fixed Monthly Rate	$ 85.00	$ 106.25	25.0%	9/16/2024
0 to 6,000 gallons (Volume Charge - per 1,000 gallons)	$ 10.44	$ 13.05	25.0%	9/16/2024
Over 6,000 gallons (Volume Charge - per 1,000 gallons)	$ 12.01	$ 15.01	24.98%	9/16/2024
Wastewater - Commercial II (Grease Producer) - Fixed Monthly Rate	$ 91.00	$ 118.30	30.0%	9/16/2024
Volume Charge - per 1,000 gallons	$ 16.96	$ 22.04	29.95%	9/16/2024

Any persons needing special accommodations to participate in this meeting should contact the City at least 48 hours prior to the meeting at cityclerk@sandpointidaho.gov, 208-263-3310.
Legal#6314
AD#26210
August 6, 13, 2024

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AGENDA REPORT

City Council Meeting

TODAY'S DATE: August 13, 2024

MEETING DATE: August 21, 2024

TO: Mayor and Sandpoint City Council

FROM: Sarah Lynds, Finance Director

SUBJECT: Public Hearing for City Fees and Adoption of Fees

DESCRIPTION/BACKGROUND: At the City Council meeting on July 17, 2024 (agenda item 14) the current City of Sandpoint fee schedule with all recommended changes was presented to City Council. Additional changes to this fee scheduled was presented at the August 7th meeting, all changes related to the James E Russell Sport Facility Fees.

The notice of public hearing for NEW fees and fees increasing by more than 5% was published in the Bonner County Daily Bee on August 6th and August 13th. A Public Hearing for fees that are NEW or increasing over 5% is scheduled for the August 21st meeting.

STAFF RECOMMENDATION: To hold the Public Hearing for fees that are NEW or increasing by more than 5% and to adopt all the fee changes.

ACTION: To hold the Public Hearing for fees that are NEW or increasing by more than 5% and to adopt all the fee changes.

WILL THERE BE ANY FINANCIAL IMPACT? Yes

HAS THIS ITEM BEEN BUDGETED? Yes

ATTACHMENTS:

1) Bonner County Daily Bee Notice of Public Hearing
2) Resolution – Adoption of new City fees and approval of changes to the existing fees and fee schedule
3) City of Sandpoint Fee Schedule reflecting all changes to existing fees and proposed NEW fees

No: 24-
Date: August 21, 2024

RESOLUTION
OF THE CITY COUNCIL
CITY OF SANDPOINT

TITLE: ADOPTION OF NEW CITY FEES AND APPROVAL OF CHANGES TO EXISTING FEES AND FEE SCHEDULE

WHEREAS: Pursuant to Idaho Code § 63-1311A, proposed new City fees or fee increases in excess of five percent (5%) require a public hearing prior to approval;

WHEREAS: A notice listing such fees and the date and time of the public hearing was published in the Bonner County Daily Bee, the City's newspaper of record, on August 6 and 13, 2024; and

WHEREAS: City Council held a public hearing on August 21, 2024, to accept public testimony regarding these fees.

NOW, THEREFORE, BE IT RESOLVED THAT: The new fees and fee increases greater than 5% that were the subject of the public hearing are hereby approved and adopted, with effective dates as noted.

BE IT FURTHER RESOLVED THAT: Fee increases of 5% or less, eliminated fees, and any revised fee descriptions/labeling, as reflected on the attached chart, are also hereby approved and adopted, with effective dates as noted.

_____
Jeremy Grimm, Mayor

ATTEST:

_____
Melissa Ward, City Clerk

Description			Fee	Proposed	% Change	Comments	Proposed Effective	Prior Effective	Res/Ord
General City Administration									
Candidate Filing Fee			$ 40.00			Idaho Code § 50-406			
Foreign Funds Processing Fee			$ 20.00					10/1/2023	Res 23-63
Returned Check Fee			$ 20.00					10/1/2017	Res 17-53
Impact Fees - Outside Downtown URA									
	Total Impact Fee Residential								
		Multi-family/other all sizes	$ 4,006.00	$ 5,444.55	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
		Single Family 0-3 bedrooms	$ 3,895.00	$ 5,293.69	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
		Single Family 4+ bedrooms	$ 5,648.00	$ 7,676.20	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
	Total Impact Fee Non-Residential								
		Commercial/Shopping Center Average	$ 3.72	$ 5.056	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Office	$ 1.34	$ 1.821	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Mini-Warehouse	$ 0.31	$ 0.421	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Warehousing	$ 0.43	$ 0.584	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Manufacturing	$ 0.46	$ 0.625	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Light Industrial	$ 0.85	$ 1.155	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
	Parks & Recreation Residential								
		Multi-family/other all sizes	$ 1,959.00	$ 2,662.48	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
		Single Family 0-3 bedrooms	$ 1,814.00	$ 2,465.41	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
		Single Family 4+ bedrooms	$ 2,717.00	$ 3,692.67	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
	Police Residential								
		Multi-family/other all sizes	$ 214.00	$ 290.85	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
		Single Family 0-3 bedrooms	$ 198.00	$ 269.10	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
		Single Family 4+ bedrooms	$ 297.00	$ 403.65	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
	Police Non-Residential								
		Commercial/Shopping Center Average	$ 0.13	$ 0.177	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Office	$ 0.04	$ 0.054	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Mini-Warehouse	$ 0.01	$ 0.014	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Warehousing	$ 0.01	$ 0.014	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Manufacturing	$ 0.01	$ 0.014	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Light Industrial	$ 0.03	$ 0.041	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
	Fire Residential								
		Multi-family/other all sizes	$ 367.00	$ 498.79	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
		Single Family 0-3 bedrooms	$ 340.00	$ 462.09	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
		Single Family 4+ bedrooms	$ 509.00	$ 691.78	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
	Fire Non-Residential								
		Commercial/Shopping Center Average	$ 0.63	$ 0.856	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Office	$ 0.21	$ 0.285	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Mini-Warehouse	$ 0.05	$ 0.068	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Warehousing	$ 0.07	$ 0.095	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Manufacturing	$ 0.07	$ 0.095	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Light Industrial	$ 0.13	$ 0.177	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
	Transportation Streets Residential								
		Multi-family/other all sizes	$ 1,108.00	$ 1,505.88	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
		Single Family 0-3 bedrooms	$ 1,211.00	$ 1,645.87	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
		Single Family 4+ bedrooms	$ 1,628.00	$ 2,212.61	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
	Transportation Streets Non-Residential								
		Commercial/Shopping Center Average	$ 2.75	$ 3.738	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Office	$ 1.02	$ 1.386	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Mini-Warehouse	$ 0.23	$ 0.313	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Warehousing	$ 0.33	$ 0.449	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Manufacturing	$ 0.35	$ 0.476	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Light Industrial	$ 0.64	$ 0.870	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
	Transportation Pathways Residential								
		Multi-family/other all sizes	$ 358.00	$ 486.56	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
		Single Family 0-3 bedrooms	$ 332.00	$ 451.22	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
		Single Family 4+ bedrooms	$ 497.00	$ 675.47	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55

Description			Fee	Proposed	% Change	Comments	Proposed Effective	Prior Effective	Res/Ord
	Transportation Pathways Non-Residential								
		Commercial/Shopping Center Average	$ 0.21	$ 0.285	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Office	$ 0.07	$ 0.095	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Mini-Warehouse	$ 0.02	$ 0.027	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Warehousing	$ 0.02	$ 0.027	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Manufacturing	$ 0.03	$ 0.041	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Light Industrial	$ 0.05	$ 0.068	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
Impact Fees - Downtown URA									
	Total Impact Fee Residential								
		Multi-family/other all sizes	$ 3,569.00	$ 4,850.63	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
		Single Family 0-3 bedrooms	$ 3,417.00	$ 4,644.04	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
		Single Family 4+ bedrooms	$ 5,006.00	$ 6,803.65	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
	Total Impact Fee Non-Residential								
		Commercial/Shopping Center Average	$ 2.64	$ 3.588	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Office	$ 0.94	$ 1.278	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Mini-Warehouse	$ 0.22	$ 0.299	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Warehousing	$ 0.30	$ 0.408	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Manufacturing	$ 0.32	$ 0.435	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Light Industrial	$ 0.60	$ 0.815	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
	Parks & Recreation Residential								
		Multi-family/other all sizes	$ 1,959.00	$ 2,662.48	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
		Single Family 0-3 bedrooms	$ 1,814.00	$ 2,465.41	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
		Single Family 4+ bedrooms	$ 2,717.00	$ 3,692.67	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
	Police Residential								
		Multi-family/other all sizes	$ 214.00	$ 290.85	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
		Single Family 0-3 bedrooms	$ 198.00	$ 269.10	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
		Single Family 4+ bedrooms	$ 297.00	$ 403.65	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
	Police Non-Residential								
		Commercial/Shopping Center Average	$ 0.13	$ 0.177	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Office	$ 0.04	$ 0.054	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Mini-Warehouse	$ 0.01	$ 0.014	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Warehousing	$ 0.01	$ 0.014	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Manufacturing	$ 0.01	$ 0.014	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Light Industrial	$ 0.03	$ 0.041	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
	Fire Residential								
		Multi-family/other all sizes	$ 367.00	$ 498.79	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
		Single Family 0-3 bedrooms	$ 340.00	$ 462.09	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
		Single Family 4+ bedrooms	$ 509.00	$ 691.78	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
	Fire Non-Residential								
		Commercial/Shopping Center Average	$ 0.63	$ 0.856	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Office	$ 0.21	$ 0.285	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Mini-Warehouse	$ 0.05	$ 0.068	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Warehousing	$ 0.07	$ 0.095	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Manufacturing	$ 0.07	$ 0.095	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Light Industrial	$ 0.13	$ 0.177	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
	Transportation Streets Residential								
		Multi-family/other all sizes	$ 671.00	$ 911.96	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
		Single Family 0-3 bedrooms	$ 733.00	$ 996.22	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
		Single Family 4+ bedrooms	$ 986.00	$ 1,340.07	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
	Transportation Streets Non-Residential								
		Commercial/Shopping Center Average	$ 1.67	$ 2.270	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Office	$ 0.62	$ 0.843	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Mini-Warehouse	$ 0.14	$ 0.190	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Warehousing	$ 0.20	$ 0.272	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Manufacturing	$ 0.21	$ 0.285	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Light Industrial	$ 0.39	$ 0.530	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
	Transportation Pathways Residential								

Description			Fee	Proposed	% Change	Comments	Proposed Effective	Prior Effective	Res/Ord
		Multi-family/other all sizes	$ 358.00	$ 486.56	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
		Single Family 0-3 bedrooms	$ 332.00	$ 451.22	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
		Single Family 4+ bedrooms	$ 497.00	$ 675.47	35.91%	per housing unit	IMMEDIATELY	2/1/2012	Res 11-55
	Transportation Pathways Non-Residential								
		Commercial/Shopping Center Average	$ 0.21	$ 0.285	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Office	$ 0.07	$ 0.095	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Mini-Warehouse	$ 0.02	$ 0.027	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Warehousing	$ 0.02	$ 0.027	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Manufacturing	$ 0.03	$ 0.041	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
		Light Industrial	$ 0.05	$ 0.068	35.91%	per square foot of floor area	IMMEDIATELY	2/1/2012	Res 11-55
Parking In Lieu of requirement			$ 10,000.00			per space		5/1/2007	Res 07-28
Public Records Request									
	Hourly rate (charged only when the response totals more than 100 pages OR response time takes more than 2 hrs. OR redacting is necessary)		varies			Idaho Code § 74-102(10)(e) "the per hour pay rate of the lowest paid administrative staff employee or public official of the public agency who is necessary and qualified to process the request"		5/18/2011	Res 11-21
	Photocopy "regular" size (only when more than 100 pages)		$ 0.10			per page after the first 100 pages (charged only when more than 100 pgs.)		5/18/2011	Res 11-21
	Photocopy 17x24+ (only when more than 100 pages)		$ 1.00			per page after the first 100 pages (charged only when more than 100 pgs.)		5/18/2011	Res 11-21
Local Option Sales Tax	Occupancy/lodging tax		14%			collected from hotels, motels, and other short term rentals		1/1/2023	Ord 1399
Licenses and Permits									
Aircraft Transport Permit			$ 57.50	$ 59.50	3.5%		10/1/2024	10/1/2023	Res 23-63
Alcohol licenses & permits									
	Alcohol catering permit		$ 20.00			Per Day - up to 5 days - Idaho Code § 23-934A		12/16/1999	Ord 1035
	Late application processing fee - Alcohol catering permit		$ 20.00			Applications submitted less than 13 days prior to event		10/1/2023	Res 23-63
	Liquor by the drink license		$ 562.50			Idaho Code § 23-916 - transfer $56.25 (10%)		12/21/1987	Res 87-41
	Beer off premises license		$ 50.00			Idaho Code § 23-1016 - transfer $5.00 (10%)		12/21/1987	Res 87-41
	Beer on premises license		$ 200.00			Idaho Code § 23-1016 - transfer $20.00 (10%)		12/21/1987	Res 87-41
	Wine license		$ 200.00			Idaho Code § 23-1016 - transfer $20.00 (10%)		12/21/1987	Res 87-41
Burn permit			$ 11.55	$ 12.00	3.9%	valid for 10 days	10/1/2024	10/1/2023	Res 23-63
Business License									
	Business License		$ 57.75	$ 59.75	3.5%	became effective with Ord. 1277, per City Code 3-11-6	10/1/2024	10/1/2023	Res 23-63
	Business License Renewal		$ 28.75	$ 29.75	3.5%	became effective with Ord. 1277, per City Code 3-11-10	10/1/2024	10/1/2023	Res 23-63
	Temporary Business License		$ 23.10	$ 24.00	3.9%	40% of general Business License fee	10/1/2024	10/1/2023	Res 23-63
	Business License change/update		$ 28.75	$ 30.00	4.3%		10/1/2024	10/1/2023	Res 23-63
	Business License late fee		$ 50.00			per City Code 3-11-6		10/1/2023	Res 23-63
Business Use Permit			$ 28.75	$ 29.75	3.5%		10/1/2024	10/1/2023	Res 23-63
Dog License - Neutered									
	One year		$ 17.30	$ 18.00	4.0%		10/1/2024	10/1/2023	Res 23-63
	Two year		$ 19.90	$ 20.75	4.3%		10/1/2024	10/1/2023	Res 23-63
	Three year		$ 23.10	$ 24.00	3.9%		10/1/2024	10/1/2023	Res 23-63
Dog License - Un-Neutered									
	One year		$ 40.15	$ 41.75	4.0%		10/1/2024	10/1/2023	Res 23-63
	Two year		$ 74.75	$ 77.50	3.7%		10/1/2024	10/1/2023	Res 23-63
	Three year		$ 108.85	$ 113.00	3.8%		10/1/2024	10/1/2023	Res 23-63
Dog Tag Replacement			$ 5.75	$ 6.00	4.3%		10/1/2024	10/1/2023	Res 23-63
Special Event Permit									
	Small Event - ~~Less~~ Fewer than 51 participants		No Fee					11/20/2018	Res 18.53
	Medium Event - 51 to 499 participants		$ 110.00	$ 113.75	3.4%		10/1/2024	10/1/2023	Res 23-63
	Large Scale Event - 500 or more participants		$ 330.00	$ 341.25	3.4%		10/1/2024	10/1/2023	Res 23-63
	OR Three (3) or more factors apply:								
	* Includes a route that will close or alter traffic on a street arterial or connector (parade, race, bike ride)								
	* Police officers or private security requires to protect public safety								
	* Alcohol will be served or sold								
	* Structural or electrical permits required								

Description			Fee	Proposed	% Change	Comments	Proposed Effective	Prior Effective	Res/Ord
	City electrical usage		$ 27.50	$ 28.50	3.6%	per day (unless otherwise specified in permit/agreement)	10/1/2024	10/1/2023	Res 23-63
	Street Sign Replacement Fees								
		Cones	$ 55.00	$ 57.00	3.6%	each	10/1/2024	10/1/2023	Res 23-63
		Candle Sticks and Base	$ 55.00	$ 57.00	3.6%	each	10/1/2024	10/1/2023	Res 23-63
		A-frames	$ 71.25	$ 73.75	3.5%	each	10/1/2024	10/1/2023	Res 23-63
		Barricades (sign and stand)	$ 329.00	$ 340.50	3.5%	each	10/1/2024	10/1/2023	Res 23-63
	Late application - received 14-20 days prior to Event		calculated			50% of Filing Fee, minimum $50		12/8/2019	Res 19-69
	Late application - received 7-13 days prior to Event		calculated			100% of Filing Fee, minimum $100		12/8/2019	Res 19-69
Park Special Events/Commercial Events Permit			$ 60.25	$ 62.50	3.7%	per hour	10/1/2024	10/1/2023	Res 23-63
Park Special Events/Commercial Events Permit			$ 362.50	$ 375.00	3.4%	per 8 hour event	10/1/2024	10/1/2023	Res 23-63
City Parking Permits									
	Daily		$ 11.00	$ 11.50	4.5%		10/1/2024	10/1/2023	Res 23-63
	Weekly		$ 22.00	$ 22.75	3.4%		10/1/2024	10/1/2023	Res 23-63
	Monthly		$ 33.00	$ 34.25	3.8%		10/1/2024	10/1/2023	Res 23-63
	Annual		$ 329.00	$ 340.50	3.5%		10/1/2024	10/1/2023	Res 23-63
	Replacement Pass		$ 5.50	$ 5.70	3.6%		10/1/2024	10/1/2023	Res 23-63
	Downtown Residential		$ -			First Annual Permit		10/1/2018	Res 18-46
Pawn License Fee for establishment (each pawnbroker also needs background check - See Public Safety Services)			$ 115.50	$ 119.50	3.5%	per establishment for initial and annual license, per City Code 3-5-2	10/1/2024	10/1/2023	Res 23-63
Peddlers registration									
	Bonner County residents		$ 86.25	$ 89.50	3.8%	per City Code 3-4-6	10/1/2024	10/1/2023	Res 23-63
	Idaho residents		$ 144.25	$ 150.00	4.0%	per City Code 3-4-6	10/1/2024	10/1/2023	Res 23-63
	Out-of-State		$ 259.50	$ 268.50	3.5%	per City Code 3-4-6	10/1/2024	10/1/2023	Res 23-63
	Surety Bond		$ 1,000.00			per City Code 3-4-6		10/1/2012	Res 12-40
Taxicab License for vehicle (drivers also need annual background check - See Public Safety Services)			$ 92.00	$ 95.25	3.5%	per cab, per City Code 3-4-5	10/1/2024	10/1/2023	Res 23-63
Short Term Rental									
	Non-Owner Occupied		$ 220.00	$ 228.00	3.6%	Initial Permit	10/1/2024	10/1/2023	Res 23-63
			$ 164.50	$ 170.50	3.6%	Annual Renewal	10/1/2024	10/1/2023	Res 23-63
	Owner Occupied & Non-Owner Occupied outside residential zones		$ 164.50	$ 170.50	3.6%	Initial Permit	10/1/2024	10/1/2023	Res 23-63
			$ 110.00	$ 114.00	3.6%	Annual Renewal	10/1/2024	10/1/2023	Res 23-63
	Short-Term Rental Violation Penalty		$105.00	$ 110.00	4.8%	per day, in accordance with Code 3-12-5-6	10/1/2024	10/1/2023	Res 23-63
Rents and Royalties									
Bald Mountain/Other Transmitter Site Lease									
	Application Fee		$ 260.00	$ 265.20	2.0%		10/1/2024	10/1/2023	Res 23-63
	Rent up to 2500 sq feet of Land Area								
		Gov't Entities and 501(c)(3) Charities	$ 1,405.04	$ 1,433.14	2.0%		10/1/2024	10/1/2023	Res 23-63
		All Other Entities	$ 3,730.48	$ 3,805.09	2.0%		10/1/2024	10/1/2023	Res 23-63
	Additional Area Rent over 2500 square feet								
		Gov't Entities and 501(c)(3) Charities	$ 0.501	$ 0.511	2.0%		10/1/2024	10/1/2023	Res 23-63
		All Other Entities	$ 0.863	$ 0.880	2.0%		10/1/2024	10/1/2023	Res 23-63
	Rent per Radio Unit								
		Gov't Entities and 501(c)(3) Charities	$ 352.56	$ 359.61	2.0%		10/1/2024	10/1/2023	Res 23-63
		All Other Entities	$ 967.20	$ 986.54	2.0%		10/1/2024	10/1/2023	Res 23-63
	"Receive Only" Rent		50% of Rent					1/6/2021	Res 21-02
	"Diversity Receivers" Rent		50% of Rent					1/6/2021	Res 21-02
	"Transmit Only" Rent		100% of Rent					1/6/2021	Res 21-02
	Cellular and Wireless Broadband Communications								
		annual base rent	$ 22,706.32	$ 23,160.45	2.0%		10/1/2024	10/1/2023	Res 23-63
		annual fee per unit	$ 520.00	$ 530.40	2.0%		10/1/2024	10/1/2023	Res 23-63
	Road Use Fee (Bald Mountain Site only)		$ 500.00	$ 525.00	5.0%		10/1/2024	1/6/2021	Res 21-02
Community Hall Rental									

Description			Fee	Proposed	% Change	Comments	Proposed Effective	Prior Effective	Res/Ord
	Main room		$ 44.00	$ 45.50	3.4%	per hour	10/1/2024	10/1/2023	Res 23-63
	Scout room		$ 33.00	$ 34.25	3.8%	per hour	10/1/2024	10/1/2023	Res 23-63
	Entire facility		$ 71.25	$ 73.75	3.5%	per hour	10/1/2024	10/1/2023	Res 23-63
		Maximum charge	$ 351.50	$ 363.50	3.4%	per day	10/1/2024	10/1/2023	Res 23-63
	Dances		$ 66.00	$ 68.25	3.4%	flat fee	10/1/2024	10/1/2023	Res 23-63
	Non-profits - free event, open to public								
		Main room	$ 17.50	$ 18.25	4.3%	per hour	10/1/2024	10/1/2023	Res 23-63
		Scout room	$ 13.00	$ 13.50	3.8%	per hour	10/1/2024	10/1/2023	Res 23-63
		Entire facility	$ 28.50	$ 29.50	3.5%	per hour	10/1/2024	10/1/2023	Res 23-63
		Maximum charge	$ 140.00	$ 144.75	3.4%	per day	10/1/2024	10/1/2023	Res 23-63
	Commercial use and non-profits - all three rooms								
			$ 107.00	$ 110.75	3.5%	per hour	10/1/2024	10/1/2023	Res 23-63
			$ 527.50	$ 546.00	3.5%	per day	10/1/2024	10/1/2023	Res 23-63
	Deposit for beer/wine served		$ 220.00	$ 228.00	3.6%	non-refundable	10/1/2024	10/1/2023	Res 23-63
Community Garden Plot									
	7'x7' Plot		$ 33.00	$ 34.25	3.8%	per season	10/1/2024	10/1/2023	Res 23-63
	4'x8' Plot		$ 27.25	$ 28.25	3.7%	per season	10/1/2024	10/1/2023	Res 23-63
Fiber Optic Network Lease Fees									
	Indefeasible Right of Use (IRU) Lease Lump Sum One-Time Fee per zone (Downtown and Airport)								
		6-strand minimum	$ 4,095.00	$ 4,235.00	3.4%	per strand	10/1/2024	10/1/2023	Res 23-63
		13 - 24 strands	$ 2,730.00	$ 2,823.00	3.4%	per strand	10/1/2024	10/1/2023	Res 23-63
		25+ strands	$ 1,365.00	$ 1,412.00	3.4%	per strand	10/1/2024	10/1/2023	Res 23-63
	IRU Lease Annual Maintenance Fee per zone (Downtown and Airport)								
		up to 24 strands	$ 384.50	$ 398.00	3.5%	per strand	10/1/2024	10/1/2023	Res 23-63
		25+ strands	$ 192.50	$ 199.00	3.4%	per strand	10/1/2024	10/1/2023	Res 23-63
	Dark Fiber Monthly Lease Fee per zone (Downtown and Airport)		$ 172.75	$ 179.00	3.6%	per strand	10/1/2024	10/1/2023	Res 23-63
	Dark Fiber Lease Application Fee		$ 288.50	$ 299.00	3.6%	one-time fee	10/1/2024	10/1/2023	Res 23-63
	Splicing Fee		cost + 15%					2/15/2017	Res 17-12
	Empty Conduit Sleeve Lease		$ 0.577	$ 0.598	3.6%	per foot per year	10/1/2024	10/1/2023	Res 23-63
	Bridge Crossing Conduit Sleeve Lease		$ 1,154.50	$ 1,195.00	3.5%	per sleeve per year	10/1/2024	10/1/2023	Res 23-63
	Conduit Lease Application Fee		$ 288.50	$ 299.00	3.6%	one-time fee	10/1/2024	10/1/2023	Res 23-63
Parks Field Usage									
	Grass Field/Diamond								
		Field Use Rate - Per Hour	$ 9.45	$ 9.80	3.7%	Group 1 and 3	10/1/2024	10/1/2023	Res 23-63
		Field Use Rate - Per Hour	$ 12.60	$ 13.10	4.0%	Group 2	10/1/2024	10/1/2023	Res 23-63
		Field Use Rate - Per Hour	$ 26.25	$ 27.25	3.8%	Group 4	10/1/2024	10/1/2023	Res 23-63
		Field Use Rate - Per Hour	$ 52.50	$ 54.25	3.3%	Group 5	10/1/2024	10/1/2023	Res 23-63
		Out of Area Team Fee - Per Day	$ 31.50	$ 32.60	3.5%	Groups 1, 2 and 3	10/1/2024	10/1/2023	Res 23-63
		Out of Area Team Fee - Per Day	$ 31.50	$ 32.60	3.5%	Groups 4 and 5	10/1/2024	10/1/2023	Res 23-63
		Change Fee - Per schedule change	$ 5.25	$ 5.45	3.8%	Group 2 and 3	10/1/2024	10/1/2023	Res 23-63
		Change Fee - Per schedule change	$ 15.75	$ 16.30	3.5%	Group 4	10/1/2024	10/1/2023	Res 23-63
		Change Fee - Per schedule change	$ 26.25	$ 27.25	3.8%	Group 5	10/1/2024	10/1/2023	Res 23-63
		Tournament Fee - Per Day - Per Facility - Add Hrly Field Use	$ 183.75	$ 190.00	3.4%	Group 1, 2 and 3	10/1/2024	10/1/2023	Res 23-63
		Tournament Fee - Per Day - Per Facility - Add Hrly Field Use	$ 210.00	$ 217.25	3.5%	Group 4	10/1/2024	10/1/2023	Res 23-63
		Tournament Fee - Per Day - Per Facility - Add Hrly Field Use	$ 315.00	$ 325.75	3.4%	Group 5	10/1/2024	10/1/2023	Res 23-63
	Memorial Field Artificial Turf/Diamonds								
		Field Use Rate - Per Hour	$ 16.80	$ 17.40	3.6%	Group 1 and 3	10/1/2024	10/1/2023	Res 23-63
		Field Use Rate - Per Hour	$ 21.00	$ 21.75	3.6%	Group 2	10/1/2024	10/1/2023	Res 23-63
		Field Use Rate - Per Hour	$ 52.50	$ 54.30	3.4%	Group 4	10/1/2024	10/1/2023	Res 23-63
		Field Use Rate - Per Hour	$ 78.75	$ 81.50	3.5%	Group 5	10/1/2024	10/1/2023	Res 23-63
		Secondary Partial Field Use Rate - Per Hour	$ 8.40	$ 8.70	3.6%	Group 1 and 3	10/1/2024	10/1/2023	Res 23-63
		Secondary Partial Field Use Rate - Per Hour	$ 10.50	$ 10.90	3.8%	Group 2	10/1/2024	10/1/2023	Res 23-63
		Secondary Partial Field Use Rate - Per Hour	$ 26.25	$ 27.25	3.8%	Group 4	10/1/2024	10/1/2023	Res 23-63
		Secondary Partial Field Use Rate - Per Hour	$ 39.35	$ 40.70	3.4%	Group 5	10/1/2024	10/1/2023	Res 23-63
		Out of Area Team Fee - Per Day	$ 47.25	$ 48.90	3.5%	Groups 1, 2 and 3	10/1/2024	10/1/2023	Res 23-63
		Out of Area Team Fee - Per Day	$ 47.25	$ 48.90	3.5%	Groups 4 and 5	10/1/2024	10/1/2023	Res 23-63
		* Bleachers - outside of normal setup	$ 42.00	$ 43.50	3.6%	All Groups	10/1/2024	10/1/2023	Res 23-63

Description			Fee	Proposed	% Change	Comments	Proposed Effective	Prior Effective	Res/Ord
		Tournament Fee - Per Day - In addition to Hrly Field Use	$ 183.75	$ 190.00	3.4%	Group 1, 2 and 3	10/1/2024	10/1/2023	Res 23-63
		Tournament Fee - Per Day - In addition to Hrly Field Use	$ 210.00	$ 217.25	3.5%	Group 4	10/1/2024	10/1/2023	Res 23-63
		Tournament Fee - Per Day - In addition to Hrly Field Use	$ 315.00	$ 325.75	3.4%	Group 5	10/1/2024	10/1/2023	Res 23-63
		* City Staff on Site - Per Hour - per request/required	$ 43.30	$ 44.75	3.3%	Group 2, 3, 4 and 5	10/1/2024	10/1/2023	Res 23-63
		* Trash Removal - Per Day	$ 31.50	$ 32.75	4.0%	Group 2, 3, 4 and 5	10/1/2024	10/1/2023	Res 23-63
		* Grandstands/Field Cleaning - 1 Game	$ 420.00	$ 434.25	3.4%	Group 2, 3, 4 and 5	10/1/2024	10/1/2023	Res 23-63
		* Grandstands/Field Cleaning - Multi game/tournament/per day	$ 525.00	$ 542.75	3.4%	Group 2, 3, 4 and 5	10/1/2024	10/1/2023	Res 23-63
		Change Fee - Per schedule change	$ 5.25	$ 5.45	3.8%	Group 2 and 3	10/1/2024	10/1/2023	Res 23-63
		Change Fee - Per schedule change	$ 15.75	$ 16.30	3.5%	Group 4	10/1/2024	10/1/2023	Res 23-63
		Change Fee - Per schedule change	$ 26.25	$ 27.25	3.8%	Group 5	10/1/2024	10/1/2023	Res 23-63
		Annual Home Field Replacement Rate	$ 10,000.00	$ 10,340.00	3.4%	Group 2	10/1/2024	9/1/2021	Res 21-17
	Max Charge per tournament		$ 3,150.00	$ 3,258.00	3.4%	Group 3	10/1/2024	10/1/2023	Res 23-63
		If Hourly Field Use, Tournament Fee Daily Rate and Out of Area Team Fees exceed the tournament max then the tournament max applies.							
		* Charges above/below applicable in addition to Tournament Max Fee							
	Explanation of Parks Field/Sport Center Usage Groups listed above/below:								
	Group 1 – City-sponsored or co-sponsored events. This includes all Department programs and/or leagues.								
	Group 2 – Events or activities sponsored by Lake Pend Oreille School district (priority scheduling)								
	Group 3 – Local Non-profit groups – Youth will be prioritized over Adult programs.								
	Group 4 – Local For-profit and Out of Area Non-profit groups – Youth will be prioritized over Adult programs.								
	Group 5 – Out of Area For-profit (Out of Area is defined as outside of Bonner County)								
James E. Russell Sports Center									
	Annual Memberships								
		Sandpoint Resident 19+ and all Seniors 65+		$ 400.00	NEW	Annual	IMMEDIATELY		
		Sandpoint Non-Resident		$ 450.00	NEW	Annual	IMMEDIATELY		
		Youth (0-18)		Free	NEW	Annual	IMMEDIATELY		
	Monthly Memberships								
		Sandpoint Resident 19+ and all Seniors 65+		$ 40.00	NEW	Monthly	IMMEDIATELY		
		Sandpoint Non-Resident		$ 45.00	NEW	Monthly	IMMEDIATELY		
	Member Drop in play - Tennis 90-minute session. Court space not guaranteed								
		October - April		$ 5.00	NEW	per person	IMMEDIATELY		
		May - September		$ 3.00	NEW	per person	IMMEDIATELY		
	Court Reservations - Tennis 90-minute session. Paid in addition to the member drop in rate.								
		October - April		$ 10.00	NEW	per court	IMMEDIATELY		
		May - September		$ 6.00	NEW	per court	IMMEDIATELY		
	Member Drop in play - Pickleball 2-hour priority session or 90-minute private session. Court space not guaranteed.								
		October - April		$ 3.00	NEW	per person	IMMEDIATELY		
		May - September		$ 2.00	NEW	per person	IMMEDIATELY		
	Non-Member - 90-minute session, may not reserve court.								
		October - April		$ 16.00	NEW	per person	IMMEDIATELY		
		May - September		$ 8.00	NEW	per person	IMMEDIATELY		
	Court Reservations - Pickleball 90-minute session. Paid in addition to the member drop in rate.								
		October - April		$ 8.00	NEW	per court	IMMEDIATELY		
		May - September		$ 4.00	NEW	per court	IMMEDIATELY		
	Community Court Time for Pickleball or Tennis (first come first serve, 90-minute sessions rotating across the week, some mornings, some mid-day, some afternoons)								
		Sandpoint Resident		Free	NEW	per person	IMMEDIATELY		
		Bonner County Resident		$ 5.00	NEW	per person	IMMEDIATELY		
		Non-Bonner County Resident		$ 10.00	NEW	per person	IMMEDIATELY		
	Community Room (max capacity of 50)								
		Standard rate		$ 50.00	NEW	per hour	IMMEDIATELY		
		Non-profit rate		$ 25.00	NEW	per hour	IMMEDIATELY		
	Group JER Sport Center Usage/Rental ^See Group descriptions under Parks Field Usage above ^								
		Four Courts Use Rate - Per Hour		$ 30.00	NEW	Group 1	IMMEDIATELY		
		Four Courts Use Rate - Per Hour		$ 40.00	NEW	Group 2	IMMEDIATELY		
		Four Courts Use Rate - Per Hour		$ 80.00	NEW	Group 3	IMMEDIATELY		
		Four Courts Use Rate - Per Hour		$ 120.00	NEW	Group 4	IMMEDIATELY		
		Four Courts Use Rate - Per Hour		$ 160.00	NEW	Group 5	IMMEDIATELY		

Description			Fee	Proposed	% Change	Comments	Proposed Effective	Prior Effective	Res/Ord
	Per Court Use Rate - Per Hour			$ 7.50	NEW	Group 1	IMMEDIATELY		
	Per Court Use Rate - Per Hour			$ 10.00	NEW	Group 2	IMMEDIATELY		
	Per Court Use Rate - Per Hour			$ 20.00	NEW	Group 3	IMMEDIATELY		
	Per Court Use Rate - Per Hour			$ 30.00	NEW	Group 4	IMMEDIATELY		
	Per Court Use Rate - Per Hour			$ 40.00	NEW	Group 5	IMMEDIATELY		
	Tournament Fee - Per Day - In addition to Hrly Court Use			$ 135.00	NEW	Group 1	IMMEDIATELY		
	Tournament Fee - Per Day - In addition to Hrly Court Use			$ 180.00	NEW	Group 2 and 3	IMMEDIATELY		
	Tournament Fee - Per Day - In addition to Hrly Court Use			$ 270.00	NEW	Group 4	IMMEDIATELY		
	Tournament Fee - Per Day - In addition to Hrly Court Use			$ 360.00	NEW	Group 5	IMMEDIATELY		
Jeff Jones Town Square									
	Commercial		$ 27.55	$ 28.50	3.4%	per hour; $200/day maximum ($50.00 refundable deposit)	10/1/2024	10/1/2023	Res 23-63
	Non-commercial		$ 54.85	$ 56.75	3.5%	per event ($50.00 refundable deposit)	10/1/2024	10/1/2023	Res 23-63
Memorial Field	* Per ticket entry (including Comp & Season Pass holders)		$ 2.00	$ 2.10	5.0%	per person/per event	10/1/2024	10/1/2020	Res 20-39
Moorage - Tour Boat			$ 3,900.00	$ 4,035.00	3.5%	per season	10/1/2024	10/1/2023	Res 23-63
Moorage - Visitor									
	Moorage 20'		$ 28.20	$ 29.25	3.7%	per day	10/1/2024	10/1/2023	Res 23-63
	Moorage 30'		$ 32.90	$ 34.10	3.6%	per day	10/1/2024	10/1/2023	Res 23-63
	Moorage 35'		$ 37.65	$ 39.00	3.6%	per day	10/1/2024	10/1/2023	Res 23-63
Moorage - City Residents									
	Moorage 24' Windbag 100 dock		$ 31.00	$ 32.10	3.5%	per dock ft. (fixed dock)	10/1/2024	10/1/2023	Res 23-63
	Moorage 20' Windbag 200 dock/City Beach		$ 36.65	$ 37.95	3.5%	per dock ft. (floating dock)	10/1/2024	10/1/2023	Res 23-63
	Moorage 24' Windbag 200, 300, 400, 500, 600 & 700 docks		$ 37.15	$ 38.45	3.5%	per dock ft. (floating dock)	10/1/2024	10/1/2023	Res 23-63
	Moorage 30' Windbag 600 dock/City Beach		$ 38.75	$ 40.10	3.5%	per dock ft. (floating dock)	10/1/2024	10/1/2023	Res 23-63
	Moorage 35' City Beach		$ 39.50	$ 40.85	3.4%	per dock ft. (floating dock)	10/1/2024	10/1/2023	Res 23-63
	Laser Deck		$ 207.20	$ 214.50	3.5%	Windbag Laser & Sunfish	10/1/2024	10/1/2023	Res 23-63
	Hobie Deck		$ 414.40	$ 428.50	3.4%	Windbag hobie / thistle, etc.	10/1/2024	10/1/2023	Res 23-63
Moorage - Bonner County Residents									
	Moorage 24' Windbag 100 dock		$ 38.80	$ 40.15	3.5%	per dock ft. (fixed dock)	10/1/2024	10/1/2023	Res 23-63
	Moorage 20' Windbag 200 dock/City Beach		$ 45.85	$ 47.45	3.5%	per dock ft. (floating dock)	10/1/2024	10/1/2023	Res 23-63
	Moorage 24' Windbag 200, 300, 400, 500, 600 & 700 docks		$ 46.45	$ 48.05	3.4%	per dock ft. (floating dock)	10/1/2024	10/1/2023	Res 23-63
	Moorage 30' Windbag 600 dock/City Beach		$ 48.45	$ 50.15	3.5%	per dock ft. (floating dock)	10/1/2024	10/1/2023	Res 23-63
	Moorage 35' City Beach		$ 49.36	$ 51.05	3.4%	per dock ft. (floating dock)	10/1/2024	10/1/2023	Res 23-63
	Laser Deck 5' Beam		$ 259.00	$ 268.00	3.5%	Windbag laser & sunfish	10/1/2024	10/1/2023	Res 23-63
	Hobie Deck 10' Beam		$ 518.00	$ 535.75	3.4%	Windbag hobie / thistle, etc.	10/1/2024	10/1/2023	Res 23-63
Moorage - Outside Bonner County Residents									
	Moorage 24' Windbag 100 dock		$ 48.50	$ 50.20	3.5%	per dock ft. (fixed dock)	10/1/2024	10/1/2023	Res 23-63
	Moorage 20' Windbag 200 dock/City Beach		$ 57.30	$ 59.25	3.4%	per dock ft. (floating dock)	10/1/2024	10/1/2023	Res 23-63
	Moorage 24' Windbag 200, 300, 400, 500, 600 & 700 docks		$ 58.05	$ 60.00	3.4%	per dock ft. (floating dock)	10/1/2024	10/1/2023	Res 23-63
	Moorage 30' Windbag 600 dock/City Beach		$ 60.55	$ 62.65	3.5%	per dock ft. (floating dock)	10/1/2024	10/1/2023	Res 23-63
	Moorage 35' City Beach		$ 61.70	$ 63.80	3.4%	per dock ft. (floating dock)	10/1/2024	10/1/2023	Res 23-63
	Laser Deck 5' Beam		$ 323.75	$ 335.00	3.5%	Windbag laser & sunfish	10/1/2024	10/1/2023	Res 23-63
	Hobie Deck 10' Beam		$ 647.50	$ 670.00	3.5%	Windbag hobie / thistle, etc.	10/1/2024	10/1/2023	Res 23-63
Moorage Local Invasive Species Fee									
	Transient		$ 6.95	$ 7.20	3.6%	per day	10/1/2024	10/1/2023	Res 23-63
	Moored		$ 24.25	$ 25.10	3.5%	annual with moorage	10/1/2024	10/1/2023	Res 23-63
RV Park Rate									
	May - October								
		Low - 40' site	$ 50.00			night		5/1/2021	Res 21-17
		High - 55' site	$ 65.00			night		5/1/2021	Res 21-17
		Event Weekend Low - 40' site	$ 80.00			night		5/1/2021	Res 21-17
		Event Weekend High - 55'site	$ 105.00			night		5/1/2021	Res 21-17
	November - April								
		Low - 40' site	$ 40.00			night		5/1/2021	Res 21-17
		High - 55' site	$ 50.00			night		5/1/2021	Res 21-17
Parks & Recreation Equipment Fee									
	Youth Sports Jersey		$ 15.00	$ 15.55	3.7%		10/1/2024	10/1/2023	Res 23-63
	Youth Sports Mouth guard		$ 1.10	$ 1.14	3.6%		10/1/2024	10/1/2023	Res 23-63

Description			Fee	Proposed	% Change	Comments	Proposed Effective	Prior Effective	Res/Ord
Picnic shelters									
	City resident		$ 60.60	$ 62.75	3.5%	per day	10/1/2024	10/1/2023	Res 23-63
	Non-City resident		$ 71.35	$ 73.75	3.4%	per day	10/1/2024	10/1/2023	Res 23-63
Sand Volleyball Courts									
	per court charge - 4 courts available		$ 6.55	$ 6.80	3.8%	per hour	10/1/2024	10/1/2023	Res 23-63
	maximum charge for all 4 courts combined		$ 158.25	$ 163.75	3.5%	per day	10/1/2024	10/1/2023	Res 23-63
Tennis and Basketball Courts									
		Resident/League Rate - Per Hour	$3.15	$ 3.25	3.2%	Per Court	10/1/2024	10/1/2023	Res 23-63
		Professional/Non-resident - Per Hour	$6.30	$ 6.55	4.0%	Per Court	10/1/2024	10/1/2023	Res 23-63
Youth League sports									
	City resident		$ 36.20	$ 37.50	3.6%	Single Participant Fee	10/1/2024	10/1/2023	Res 23-63
	Non-City resident		$ 41.70	$ 43.50	4.3%	Single Participant Fee	10/1/2024	10/1/2023	Res 23-63
Fines									
Parking Citations									
	First offense - parking over allowed time		$ 50.00					10/1/2022	Res 22-51
	Second offense parking over allowed time - 12-mo period		$ 100.00					10/1/2022	Res 22-51
	Third or more offense parking over allowed time - 12-mo period		$ 150.00					10/1/2022	Res 22-51
	Parked facing the wrong direction		$ 25.00					10/1/2023	Res 23-63
	Handicapped parking violation		$ 150.00					1/1/2015	Res 14-60
	Parking in violation of signage		$ 100.00					10/1/2021	Res 21-45
	All other parking offenses		$ 50.00			Including but not limited to: Parking in loading zones and other prohibited areas, Blocking a pedestrian passage/alley or driveway, Hydrant parking - within 15 feet		10/1/2021	Res 21-45
	Late fee after 14 days		$ 25.00					6/20/2007	Res 07-44
	Negligent Vehicle Impound Fees		$ 150.00					10/1/2022	Res 22-51
	Parking Ticket Scofflaw Program Administration Fee		$ 25.00					8/17/2016	Res 16-66
Boat Citations									
	Boat Parking Violation		$ 105.00	$ 110.00	4.8%			10/1/2021	Res 21-45
Dog Citations									
	First offense - running at large, barking dog, etc.		$ 50.00					10/1/2022	Res 22-51
	Second offense - running at large, barking dog, etc.		$ 100.00					10/1/2022	Res 22-51
	Third offense - running at large, barking dog, etc.		$ 150.00					10/1/2022	Res 22-51
	Animal Impound Fee			$ 100.00	NEW	Per Animal	IMMEDIATELY		
Public Safety Services									
Background checks			$ 76.25	$ 78.85	3.4%		10/1/2024	10/1/2023	Res 23-63
Background check for taxicab drivers			$ 76.25	$ 78.85	3.4%	per driver for initial or annual background check, per City Code 3-4-5	10/1/2024	10/1/2023	Res 23-63
Background check for pawnbrokers			$ 76.25	$ 78.85	3.4%	per pawnbroker for initial or annual background check	10/1/2024	10/1/2023	Res 23-63
Driver Safety Education		Course through Police Dept.	$ 76.25	$ 78.85	3.4%		10/1/2024	10/1/2023	Res 23-63
Fingerprints			$ 38.00	$ 39.30	3.4%		10/1/2024	10/1/2023	Res 23-63
Polygraph			$ 254.25	$ 263.00	3.4%		10/1/2024	10/1/2023	Res 23-63
Abandoned vehicle		Before notice in paper	$ 127.25	$ 131.75	3.5%		10/1/2024	10/1/2023	Res 23-63
		After notice in paper	$ 190.75	$ 197.25	3.4%		10/1/2024	10/1/2023	Res 23-63
Fire System Review			calculated			based on cost of service only		1/1/2015	Res 14-60
Fire Inspection		Follow-up review	$ 28.60	$ 29.60	3.5%	per hour	10/1/2024	10/1/2023	Res 23-63
		Site visits (multiple visits)	$ 28.60	$ 29.60	3.5%	per hour	10/1/2024	10/1/2023	Res 23-63
		Research (complex/comprehensive)	$ 28.60	$ 29.60	3.5%	per hour	10/1/2024	10/1/2023	Res 23-63
Fire Standby Services				$ 225.00	NEW	per hour (4 hour minimum)	IMMEDIATELY		
False Alarm (police and fire)		1st & 2nd in one year	$ -					10/1/2009	Res 09-58
		3rd in one year	$ 181.25	$ 187.50	3.4%		10/1/2024	10/1/2023	Res 23-63
		4th thru 6th in one year	$ 362.75	$ 375.00	3.4%	each	10/1/2024	10/1/2023	Res 23-63
		7th thru 9th in one year	$ 605.00	$ 626.00	3.5%	each	10/1/2024	10/1/2023	Res 23-63
		10th and over in one year	$ 1,212.75	$ 1,255.00	3.5%	each	10/1/2024	10/1/2023	Res 23-63
Police Clearance Letter			$ 10.00	$ 10.35	3.5%		10/1/2024	10/1/2023	Res 23-63
Copies w/ color photos (Police Dept.)			$ 1.10	$ 1.14	3.6%	per photo, per page	10/1/2024	10/1/2023	Res 23-63
~~*Public & Utility*~~ *Community Development and Public Works Services*									
Expedited Processing Fee (Planning and Building)			$ 57.50	$ 59.50	3.5%		10/1/2024	10/1/2023	Res 23-63

Description			Fee	Proposed	% Change	Comments	Proposed Effective	Prior Effective	Res/Ord
General (Planning, Building, Right of Way - Streets, Stormwater, Water, and Wastewater)									
	City Hourly Labor Rate - Administration/Inspection		$ 74.50	$ 77.00	3.4%		10/1/2024	10/1/2023	Res 23-63
	City Hourly Labor Rate - Streets, Water, Wastewater Crews		$ 42.75	$ 46.00	7.6%		10/1/2024	10/1/2023	Res 23-63
	City Hourly Rate - Equipment		Varies			per the Rental Rate Blue Book for Construction Equipment; where no Blue Book rate exists, FEMA rates shall apply		10/1/2020	Res 20-39
	City Supplied Materials		cost +15%			pass-through plus administrative percentage		10/1/2020	Res 20-39
	External/Outsourced Professional Services (as required to determine code compliance)		cost +15%			pass-through actual cost, plus administrative percentage; applicable to any professional service fee, as required, due to increase volume of applications and/or staff vacancies		10/1/2020	Res 20-39
Planning & Engineering	All application fees include up to two (2) completeness reviews								
	Additional Reviews, required in excess of standard		cost +15%					10/1/2020	Res 20-39
	See 'Building Plan Check Fee' Category below for Zoning Review							10/1/2020	Res 20-39
	Amendment of approved application					50% of current application fee		10/18/2006	Res 06-76
	Pre-Application Meeting		calculated			no cost for 1 meeting up to 1 hour; thereafter, actual time, per City Administrative fee		10/1/2020	Res 20-39
	Notifications: Public Hearing and/or Adjacent Properties		$ 265.00	$ 274.00	3.4%	flat fee; in addition to application fees	10/1/2024	10/1/2023	Res 23-63
	Record of Survey		$ 296.75	$ 306.75	3.4%	flat fee + notification fee	10/1/2024	10/1/2023	Res 23-63
	Subdivision: Short Plat/Replat/Lot Line Adjustment/Flagpole Lot		$ 774.00	$ 800.00	3.4%	flat fee + Preliminary Engineering fee + notification fee	10/1/2024	10/1/2023	Res 23-63
	Minor Application, food truck CUP		$ 265.00	$ 274.00	3.4%	flat fee + notification fee	10/1/2024	10/1/2023	Res 23-63
	Conditional Use Permit, Preliminary Planned Unit Development, Substandard Lot Design Review		$ 1,590.00	$ 1,644.00	3.4%	flat fee + Preliminary Engineering fee (+ Subdivision Fees, as applicable) + notification fee	10/1/2024	10/1/2023	Res 23-63
	Subdivision: Preliminary Plat/Development Agreement		$ 2,332.00	$ 2,412.00	3.4%	flat fee + Preliminary Engineering fee + notification fee	10/1/2024	10/1/2023	Res 23-63
	Final Planned Unit Development Plan		$ 2,332.00	$ 2,412.00	3.4%	flat fee + notification fee	10/1/2024	10/1/2023	Res 23-63
	Subdivision Final Plat, ROW Vacation, Rezone/Comprehensive Plan Change, Variances		$ 1,293.00	$ 1,337.00	3.4%	flat fee (appeals charge applies per appeal) + notification fee	10/1/2024	10/1/2023	Res 23-63
	Appeal or rehearing		$ 530.00	$ 548.00	3.4%	plus notification fee	10/1/2024	10/1/2023	Res 23-63
	Public Infrastructure - Major (subdivisions, new/substantial public improvements, land use actions)								
		Engineering Review - Preliminary Review	$ 280.50	$ 290.00	3.4%	no approvals; planning purposes only	10/1/2024	10/1/2023	Res 23-63
		Engineering Review - Streets, Sidewalks, Frontage, Other	$ 280.50	$ 290.00	3.4%	includes (2) reviews	10/1/2024	10/1/2023	Res 23-63
		Engineering Review - Traffic, TGDL	cost + 15%	$ 145.00	Varies	~~pass-through plus administrative percentage~~ per review	IMMEDIATELY	10/1/2020	Res 20-39
		Engineering Review - Traffic, TIA	cost + 15%	$ 362.50	Varies	~~pass-through plus administrative percentage~~ per review	IMMEDIATELY	10/1/2020	Res 20-39
		Engineering Review - Stormwater - one acre or less	$ 122.50	$ 290.00	136.7%	per review	10/1/2024	10/1/2023	Res 23-63
		Engineering Review - Stormwater - Greater than one acre	cost + 15%	$ 435.00	Varies	per review	IMMEDIATELY	10/1/2018	Res 18-46
		Engineering Inspection - Preconstruction	$ 140.00	$ 145.00	3.6%	per inspection	10/1/2024	10/1/2023	Res 23-63
		Engineering Inspections - Punchlist and Final	$ 280.50	$ 290.00	3.4%	per inspection	10/1/2024	10/1/2023	Res 23-63
		Engineering Inspections - Additional Inspections	cost + 15%	$ 145.00	Varies	per inspection	IMMEDIATELY	10/1/2020	Res 20-39
Sign Permits									
	Sign Permit		calculated			same as building permit fee structure, minimum $75.00		8/7/2002	Res 02-44
	Sign Permit Special Banner		$ 91.25	$ 94.50	3.6%	per permit/per event	10/1/2024	10/1/2023	Res 23-63
	Sign - Mural		$ 280.50	$ 290.00	3.4%		10/1/2024	10/1/2023	Res 23-63
	Master Sign Program		$ 174.75	$ 180.75	3.4%		10/1/2024	10/1/2023	Res 23-63
	Honorary Street Sign Application		$ 174.75	$ 180.75	3.4%	per application	10/1/2024	10/1/2023	Res 23-63
	Honorary Street Sign		$ 117.00	$ 121.00	3.4%	each	10/1/2024	10/1/2023	Res 23-63
Watershed - Use Permit	Watershed, New Use/Activity		$ 561.00	$ 580.25	3.4%	includes processing, review, inspections, and approval	10/1/2024	10/1/2023	Res 23-63
	External/Outsourced Professional Services (as required to determine code compliance)		cost + 15%			pass-through administrative percentage		4/7/2021	Res 21-17
Mechanical/HVAC Permits									
	Residential								
		Base Permit	$ 100.00					10/1/2021	Res 21-45
		Plan Check or Technical Service Fee	$ 65.00			per hour		10/1/2021	Res 21-45

Description			Fee	Proposed	% Change	Comments	Proposed Effective	Prior Effective	Res/Ord
		Appliances - Furnace, air conditioner, heat pump, evaporative cooler, unit heater, space heater, boiler (not supplying potable water), pool heater, mini-split system, free-standing gas or solid-fuel stove, gas fireplace, HRV, ERV or any other permanent space conditioning appliance used for human comfort. This includes all associated ducts and flues attached thereto.	$30 + $15			$30 for the first appliance + $15 for each additional appliance		10/1/2021	Res 21-45
		Exhaust duct or ventilation duct - Dyer duct, range hood duct, bath fan duct, crawl space exhaust duct, similar exhaust ducts or ventilation duct.	$15 + $5			$15 for the first duct + $5 for each additional duct		10/1/2021	Res 21-45
		Fuel gas piping	$ 5.00			per appliance outlet		10/1/2021	Res 21-45
		Hydronic system (Does not include Boiler - see above)	$ 5.00			per zone		10/1/2021	Res 21-45
		Manual S, J, & D Review	$ 25.00			Required when installing the primary heating and/or cooling system in a NEW single or multi-family dwelling.		10/1/2021	Res 21-45
	Commercial/Industrial								
		job value up to $10,000	calculated			total cost of system x 0.02 + $60		10/1/2020	Res 20-39
		job value $10,001-$100,000	calculated			total cost of system - 10,000 x 0.01 + $260		10/1/2020	Res 20-39
		job value $100,001 or more	calculated			total cost of system -100,000 x 0.005 + $1,160		10/1/2020	Res 20-39
Building Plan Check Fee									
	Standard Plan Check (up to two reviews)		calculated			65% of building permit fee		8/7/2002	Res 02-44
	Zoning Review		calculated			10% of building permit fee, in addition to Building Plan Check		10/1/2020	Res 20-39
	Plan Check, New Single Family (7,999 SF or less, up to two reviews) if prepared/stamped by registered, licensed professional		calculated			25% of building permit fee		10/1/2020	Res 20-39
	Plan Check, Reroof		$ -			no plan check for reroof, unless submitted for review		10/1/2020	Res 20-39
	Additional Plan Check, required in excess of standard		cost +15%					10/1/2020	Res 20-39
	Expedited Review, if available (5 business days)		calculated			plan check fee x 2		10/1/2020	Res 20-39
	Residential Repeat/Subsequent Lot Plan Check					standard plan check fee for first, then 25% of the building permit fee, per lot the same		10/1/2020	Res 20-39
Building Fee/Valuation									
	Total Valuation is calculated by the Building Official, using as stated by the applicant or the latest valuation data published in the Building Safety Journal by ICC, whichever is greater.					includes standard/single inspections per phase			
	0 - 2,000 dollars of value		$ 61.10	$ 64.76	Calculation 3.4%	for the first $1,300 plus $3.68 ~~$3.56~~ per additional $100	10/1/2024	10/1/2023	Res 23-63
	2,001 - 25,000 dollars of value		$ 86.02	$ 90.52	Calculation 3.4%	for the first $2,000 plus $16.84 ~~$16.29~~ per additional $1,000	10/1/2024	10/1/2023	Res 23-63
	25,001 - 50,000 dollars of value		$ 460.69	$ 477.84	Calculation 3.4%	for the first $25,000 plus $12.04 ~~$11.64~~ per additional $1,000	10/1/2024	10/1/2023	Res 23-63
	50,001 - 100,000 dollars of value		$ 751.69	$ 778.84	Calculation 3.4%	for the first $50,000 plus $8.43 ~~$8.15~~ per additional $1,000	10/1/2024	10/1/2023	Res 23-63
	100,001 - 500,000 dollars of value		$ 1,159.19	$ 1,200.34	Calculation 3.4%	for the first $100,000 plus $6.74 ~~$6.52~~ per additional $1,000	10/1/2024	10/1/2023	Res 23-63
	500,001 - 1,000,000 dollars of value		$ 3,767.19	$ 3,896.34	Calculation 3.4%	for the first $500,000 plus $5.71 ~~$5.52~~ per additional $1,000	10/1/2024	10/1/2023	Res 23-63
	1,000,001 and over dollars of value		$ 6,527.19	$ 6,751.34	Calculation 3.4%	for the first $1,000,000 plus $4.39 ~~$4.25~~ per add'l $1,000	10/1/2024	10/1/2023	Res 23-63
	Minimum Building Permit Fee		$ 174.60	$ 180.54	3.4%	if result of valuation is less than $180.54 ~~$172.75~~, this minimum applies instead and includes (1) inspection; see fees for additional inspections	10/1/2024	10/1/2023	Res 23-63
	Permit Reinstatement Fee		calculated			50% Building Permit Fee		10/1/2023	Res 23-63
	Demolition Permit (complete structure remove only)		$ 280.50	$ 290.00	3.4%	flat fee in lieu of calculated value	10/1/2024	10/1/2023	Res 23-63
	Residential Garages/Storage Buildings (except ADU)		see above			valuation $23.02 ~~$22.26~~ per SF	10/1/2024	10/1/2023	Res 23-63
	Misc. Residential Pole Buildings		see above			valuation $20.71 ~~$20.03~~ per SF	10/1/2024	10/1/2023	Res 23-63
	Residential Carports, Decks, Porches		see above			valuation $17.27 ~~$16.70~~ per SF	10/1/2024	10/1/2023	Res 23-63
	Fireplace Retrofit/Chimney Repair					Minimum Building Permit Fee		10/1/2020	Res 20-39
	Sign - Foundation					Minimum Building Permit Fee		10/1/2020	Res 20-39
	Canopy - Awning					Minimum Building Permit Fee		10/1/2020	Res 20-39
	Foundation Repair/Replace					Minimum Building Permit Fee		10/1/2020	Res 20-39
	Reroof					Minimum Building Permit Fee		10/1/2020	Res 20-39
	Retaining Wall					Minimum Building Permit Fee		10/1/2020	Res 20-39
	Stair Repair					Minimum Building Permit Fee		10/1/2020	Res 20-39
	Window/Door					Minimum Building Permit Fee		10/1/2020	Res 20-39
	Fire Alarm/Sprinkler Permit					Minimum Building Permit Fee + Inspections		10/1/2023	Res 23-63
	Floodplain Development Permit/Review		cost +15%					10/1/2023	Res 23-63
	Building/Fire - Structural Review		cost +15%					10/1/2023	Res 23-63
	Building/Fire - Code Compliance Review		cost +15%					10/1/2023	Res 23-63

Description		Fee	Proposed	% Change	Comments	Proposed Effective	Prior Effective	Res/Ord
Amended Building Permit	Post-issuance revisions	cost +15%					10/1/2020	Res 20-39
Inspections								
	Additional inspection inside of normal business hours	cost +15%			per hourly Administration/Inspection labor rate		10/1/2020	Res 20-39
	Inspection outside of normal business hours, as available	calculated			per hourly Administration/Inspection labor rate x 1.25 (minimum 2 hours)		10/1/2020	Res 20-39
	Re-Inspection	calculated			per hourly Administration/Inspection labor rate		10/1/2020	Res 20-39
Building - Other								
	Temporary Certificate of Occupancy (all types)	$ 288.00	$ 298.00	3.5%	plus security for remaining items	10/1/2024	10/1/2023	Res 23-63
	Structural/Life Safety Evaluation	$ -			no fee		10/1/2020	Res 20-39
	Building Code Appeal	cost + 15%			appealed at Department of Building Safety or State Fire Marshall		10/1/2020	Res 20-39
	Building Code Violation - Unsafe, Restricted or Stop Work	$ 105.00	$ 108.75	3.6%	per day, as determined applicable by the Building Official	10/1/2024	10/1/2023	Res 23-63
	Work Commencing Without Permit	calculated			standard building permit fee x 2		10/1/2020	Res 20-39
Public Right of Way	Includes existing and future/proposed public right-of-way's and/or easements with City infrastructure							
	Street Cut Damage Recovery Fee - Fee based on Pavement Condition Index (PCI) rating of street in accordance with most recent street condition survey.							
	PCI							
	81-100	$ 921.50	$ 952.75	3.4%		10/1/2024	10/1/2023	Res 23-63
	61-80	$ 690.00	$ 713.75	3.4%		10/1/2024	10/1/2023	Res 23-63
	41-60	$ 462.00	$ 477.75	3.4%		10/1/2024	10/1/2023	Res 23-63
	21-40	$ 231.00	$ 238.75	3.4%		10/1/2024	10/1/2023	Res 23-63
	0-20	$ -					10/1/2021	Res 21-45
	Encroachment - Temporary Access (TCP Review)	$ 81.00	$ 83.75	3.4%	processing, TCP review, and (1) inspection	10/1/2024	10/1/2023	Res 23-63
	Encroachment - Long-Term Agreement	$ 291.50	$ 301.50	3.4%		10/1/2024	10/1/2023	Res 23-63
	Encroachment/Easement - Franchise/Fiber	$ 583.00	$ 603.00	3.4%	includes TCP review, inspections, and agreement	10/1/2024	10/1/2023	Res 23-63
	Public Infrastructure - Minor (sidewalk, curb, street cut, driveways)	$ 210.00	$ 217.25	3.5%	includes processing, plan review, site visit, and (2) inspections; in addition to Temporary Access, as applicable	10/1/2024	10/1/2023	Res 23-63
	Unauthorized ~~street cut~~ work within the right-of-way	$ 291.50	$ 301.50	3.4%	in addition to standard fee for street patch maintenance and/or other fee	10/1/2024	10/1/2023	Res 23-63
	City provided services							
	Maintenance of work area	Cost + 15%			per adopted Public Services General City Rates above		10/1/2018	Res 18-46
	Maintenance/installation of traffic control	Cost + 15%			per adopted Public Services General City Rates above		10/1/2018	Res 18-46
	Failure to obtain/call for inspection on encroachment permit						10/1/2021	Res 21-45
	First offense	$ 86.65	$ 89.75	3.6%		10/1/2024	10/1/2023	Res 23-63
	Second offense	$ 145.75	$ 150.75	3.4%		10/1/2024	10/1/2023	Res 23-63
	Third offense	$ 291.50	$ 301.50	3.4%		10/1/2024	10/1/2023	Res 23-63
Sidewalk Fee in Lieu of Construction		$ 60.00			Non-refundable fee in lieu of construction of sidewalk based on LF of frontage		5/1/2024	Res 24-26
Water Plan Reviews/Inspections								
	Will-Serve Assessment/Letter	$ 149.00	$ 154.00	3.4%	as required for platting and/or QLPE	10/1/2024	10/1/2023	Res 23-63
	Engineering Review - Water, with QLPE (as available)	$ 698.00	$ 725.00	3.9%	includes (2) reviews	10/1/2024	10/1/2023	Res 23-63
	Water Mains Inspection	$ 122.00	$ 126.25	3.5%	each inspection	10/1/2024	10/1/2023	Res 23-63
	Water Service Connection Inspection, includes tap and new hydrants/fire lines	$ 57.75	$ 60.00	3.9%	per tap/service connection, or additional reinspection	10/1/2024	10/1/2023	Res 23-63
Water Main Modeling/Assessment	External/Outsourced Professional Services (as required to determine capacity and necessary improvements)	cost + 15%			pass-through administrative percentage		4/7/2021	Res 21-17
Water Install/Materials	Subject to availability				per adopted IDS General City Rates above			
	Main Tap, City Labor Only	$ 516.50	$ 534.25	3.4%	flat fee, per tap	10/1/2024	10/1/2023	Res 23-63
	3/4 inch meter/transponder only (supply and install)	$ 360.50	$ 372.75	3.4%	Flat Fee	10/1/2024	10/1/2023	Res 23-63
	1 inch (M55) meter/transponder only (supply and install)	$ 567.00	$ 586.50	3.4%	Flat Fee	10/1/2024	10/1/2023	Res 23-63
	1 inch (M70) meter/transponder only (supply and install)	$ 625.50	$ 647.00	3.4%	Flat Fee	10/1/2024	10/1/2023	Res 23-63
	1.5 inch meter/transponder (supply and install)	$ 1,060.00	$ 1,096.00	3.4%	Flat Fee	10/1/2024	10/1/2023	Res 23-63
	2 inch meter/transponder (supply and install)		$ 1,329.00	NEW	Flat Fee	IMMEDIATELY		
	>~~1.5~~ 2 inch meter/transponder (supply and install)	cost + 15%					10/1/2020	Res 20-39
	Full assembly (supply & install)	cost + 15%			In addition to meter/transponder fees		10/1/2022	Res 22-51
Industrial Pretreatment	Wastewater Discharge Permit	$ 254.50			application fee, includes inspection and permit issuance		10/1/2023	Res 23-63
Wastewater treatment plant sampling fees								
	Bacteriological							

Description			Fee	Proposed	% Change	Comments	Proposed Effective	Prior Effective	Res/Ord
		Total coliform MPN/MTF	$ 48.75	$ 50.45	3.5%		10/1/2024	10/1/2023	Res 23-63
		Fecal Coliform MPN/MTF	$ 48.75	$ 50.45	3.5%		10/1/2024	10/1/2023	Res 23-63
		Fecal Coliform Bio-Solids A-1	$ 73.50	$ 76.00	3.4%		10/1/2024	10/1/2023	Res 23-63
		E.coli. MPN/MTF	$ 48.75	$ 50.45	3.5%		10/1/2024	10/1/2023	Res 23-63
		Total, Fecal, E.coli	$ 97.50	$ 100.80	3.4%		10/1/2024	10/1/2023	Res 23-63
	Inorganic chemicals								
		Nitrate	$ 36.60	$ 37.85	3.4%		10/1/2024	10/1/2023	Res 23-63
		TKN	$ 42.65	$ 44.15	3.5%		10/1/2024	10/1/2023	Res 23-63
		Ammonia	$ 36.60	$ 37.85	3.4%		10/1/2024	10/1/2023	Res 23-63
		Alkalinity	$ 24.40	$ 25.25	3.5%		10/1/2024	10/1/2023	Res 23-63
		Total Phosphorus	$ 48.75	$ 50.45	3.5%		10/1/2024	10/1/2023	Res 23-63
		Ortho-Phosphorus	$ 24.40	$ 25.25	3.5%		10/1/2024	10/1/2023	Res 23-63
		FOG	$ 73.15	$ 75.65	3.4%		10/1/2024	10/1/2023	Res 23-63
		Ph Wastewater	$ 12.20	$ 12.65	3.7%		10/1/2024	10/1/2023	Res 23-63
		PH Soil	$ 18.30	$ 19.00	3.8%		10/1/2024	10/1/2023	Res 23-63
		BOD	$ 54.85	$ 56.75	3.5%		10/1/2024	10/1/2023	Res 23-63
		TDS	$ 18.30	$ 19.00	3.8%		10/1/2024	10/1/2023	Res 23-63
		TSS	$ 24.40	$ 25.25	3.5%		10/1/2024	10/1/2023	Res 23-63
	Metals								
		Total Metals 13 Bio-Solids	$ 238.50	$ 246.75	3.5%		10/1/2024	10/1/2023	Res 23-63
		Total Metals 11	$ 207.75	$ 215.00	3.5%		10/1/2024	10/1/2023	Res 23-63
		Mercury	$ 36.60	$ 37.85	3.4%		10/1/2024	10/1/2023	Res 23-63
		Cyanide Wastewater	$ 54.85	$ 56.75	3.5%		10/1/2024	10/1/2023	Res 23-63
		Silver	$ 24.40	$ 25.25	3.5%		10/1/2024	10/1/2023	Res 23-63
	Lab Testing Fee		$ 30.50	$ 31.55	3.4%		10/1/2024	10/1/2023	Res 23-63
Wastewater Plan Reviews/Inspections									
	Engineering Review - Wastewater, no QLPE		$ 280.50	$ 290.00	3.4%	includes (2) reviews	10/1/2024	10/1/2023	Res 23-63
	Engineering Review - Wastewater, with QPLE (as available)		$ 420.50	$ 580.00	37.9%	includes (2) reviews	10/1/2024	10/1/2023	Res 23-63
	Wastewater Main Inspection		$ 122.50	$ 126.75	3.5%	each inspection	10/1/2024	10/1/2023	Res 23-63
	Wastewater Service Connection Inspection, includes tap on main		$ 58.00	$ 60.00	3.4%	per tap/service connection, or additional reinspection	10/1/2024	10/1/2023	Res 23-63
Wastewater Main Modeling/Assessment	External/Outsourced Professional Services (as required to determine capacity and necessary improvements)		cost + 15%			pass-through administrative percentage		4/7/2021	Res 21-17
Wastewater Install/Materials/Inspections/Testing	Subject to availability					per adopted IDS General City Rates above			
NUFF's									
	Water NUFF								
		3/4 inch meter - meter size factor 1	$ 7,875.00					8/17/2022	Res 22-51
		1 inch meter - meter size factor 2.5	$ 19,689.00					8/17/2022	Res 22-51
		1.5 inch meter - meter size factor 5	$ 39,377.00					8/17/2022	Res 22-51
		2 inch meter - meter size factor 8	$ 63,004.00					8/17/2022	Res 22-51
		3 inch meter - meter size factor 25	$ 196,887.00					8/17/2022	Res 22-51
		4 inch meter - meter size factor 50	$ 393,773.00					8/17/2022	Res 22-51
		6 inch meter - meter size factor 80	$ 630,037.00					8/17/2022	Res 22-51
		8 inch meter - meter size factor 115	$ 905,625.00					8/17/2022	Res 22-51
	Wastewater NUFF		$ 6,311.00			per Equivalent Resident (ER)		8/17/2022	Res 22-51
Hydrant Use/Fill Station									
	Hydrant/Fill Station Permit		$ 29.25	$ 30.70	4.96%	Annual permit plus $2,500 or $500 deposit	9/16/2024	9/16/2023	Res 23-63
		Volume Charge - per 1,000 gallons	$ 4.35	$ 4.51	3.68%		9/16/2024	9/16/2023	Res 23-63
Utility User Monthly Rates									
	Garbage								
		Residential	$ 18.96	$ 19.91	5%	96 gallon cart	9/16/2024	9/16/2023	Res 23-63
		Residential	$ 15.16	$ 15.92	5%	64 gallon cart	9/16/2024	9/16/2023	Res 23-63
		Residential	$ 11.38	$ 11.95	5%	35 gallon cart	9/16/2024	9/16/2023	Res 23-63
		Senior Citizen Reduced Billing (SCRUB)	$ 11.38	$ 11.95	5%	96 gallon cart	9/16/2024	9/16/2023	Res 23-63
		Senior Citizen Reduced Billing (SCRUB)	$ 9.10	$ 9.56	5%	64 gallon cart	9/16/2024	9/16/2023	Res 23-63

Description			Fee	Proposed	% Change	Comments	Proposed Effective	Prior Effective	Res/Ord
		Senior Citizen Reduced Billing (SCRUB)	$ 6.83	$ 7.17	5%	35 gallon cart	9/16/2024	9/16/2023	Res 23-63
		Extra cans	$ 2.29	$ 2.40	5%	each	9/16/2024	9/16/2023	Res 23-63
		Roll-out cart over 15 feet	$ 3.52	$ 3.69	5%	special assistance	9/16/2024	9/16/2023	Res 23-63
		Contamination Charge	$ 33.31	$ 34.97	5%	each occurrence	9/16/2024	9/16/2023	Res 23-63
	Street Lights		$ 3.09					10/1/2017	Res 17-53
	Miscellaneous								
		New Account Fee	$ 12.54	$ 13.97	11.4%		9/16/2024	9/16/2023	Res 23-28
		Late Charge	$ 18.82	$ 20.97	11.4%		9/16/2024	9/16/2023	Res 23-28
		Door Hanger	$ 18.82	$ 20.97	11.4%		9/16/2024	9/16/2023	Res 23-28
		Delinquent off/on	$ 70.03	$ 72.69	3.8%		9/16/2024	9/16/2023	Res 23-28
		Meter Lock Removal	$ 55.00	$ 57.09	3.8%		9/16/2024	9/16/2023	Res 23-63
		Emergency/Seasonal Off/On	$ 26.94	$ 27.96	3.8%	(Seasonal - Irrigation accounts only)	9/16/2024	9/16/2023	Res 23-28
		After hours fee	$ 48.48	$ 50.32	3.8%		9/16/2024	9/16/2023	Res 23-28
		Leak check - customer requested	$ 35.00	$ 36.33	3.8%		9/16/2024	9/16/2023	Res 23-63
	Water								
		Retail - Fixed Monthly Rates							
		3/4" meter	$ 20.47	$ 21.25	3.81%		9/16/2024	9/16/2023	Res 23-28
		1" meter	$ 41.10	$ 42.67	3.81%		9/16/2024	9/16/2023	Res 23-28
		1-1/2" meter	$ 72.39	$ 75.15	3.81%		9/16/2024	9/16/2023	Res 23-28
		2" meter	$ 102.95	$ 106.87	3.81%		9/16/2024	9/16/2023	Res 23-28
		3" meter	$ 370.26	$ 384.37	3.81%		9/16/2024	9/16/2023	Res 23-28
		4" meter	$ 617.27	$ 640.79	3.81%		9/16/2024	9/16/2023	Res 23-28
		6" meter	$ 1,234.66	$ 1,281.71	3.81%		9/16/2024	9/16/2023	Res 23-28
		Residential Volume Charge - per 1,000 gallons							
		0 - 6,000 gallons	$ 3.04	$ 3.15	3.62%		9/16/2024	9/16/2023	Res 23-28
		6,001 to 20,000 gallons	$ 3.88	$ 4.00	3.09%		9/16/2024	9/16/2023	Res 23-28
		20,001 to 40,000 gallons	$ 7.75	$ 7.99	3.10%		9/16/2024	9/16/2023	Res 23-28
		over 40,000 gallons	$ 8.72	$ 8.99	3.10%		9/16/2024	9/16/2023	Res 23-28
		Multi-Family Volume Charge - per 1,000 gallons	$ 4.16	$ 4.20	0.96%		9/16/2024	9/16/2023	Res 23-28
		Irrigation Volume Charge - per 1,000 gallons	$ 6.38	$ 6.91	8.31%		9/16/2024	9/16/2023	Res 23-28
		Commercial Volume Charge - per 1,000 gallons	$ 4.35	$ 4.51	3.68%		9/16/2024	9/16/2023	Res 23-28
		Flat Water Rate (no meter)	$ 77.52	80.47	3.8%		9/16/2024	9/16/2023	Res 23-28
		Wholesale - Syringa Heights Water District Fixed Monthly Rate	5,137.06	5,332.27	3.8%		9/16/2024	9/16/2023	Res 23-28
		Wholesale - Northside Water Users Association Fixed Monthly Rate	3,822.95	3,968.22	3.8%		9/16/2024	9/16/2023	Res 23-28
		Wholesale - Edelweiss Village Improvement Association Fixed Monthly Rate	610.34	633.53	3.8%		9/16/2024	9/16/2023	Res 23-28
		Wholesale Volume Charge - per 1,000 gallons	2.96	3.08	4.05%		9/16/2024	9/16/2023	Res 23-28
	Wastewater								
		Wastewater - Residential							
		Fixed Monthly Rate - Tier 1 - Legacy Rate (Based on less than 2k gal/mo. used in 2022)	$ 68.62	$ 81.65	18.99%		9/16/2024	9/16/2023	Res 23-28
		Fixed Monthly Rate - Tier 2	$ 87.07	$ 99.62	14.41%		9/16/2024	9/16/2023	Res 23-28
		Wastewater - Multi-Family - Fixed Monthly Rate x # Multi-Family Units	$ 49.83	$ 55.81	12.0%		9/16/2024	9/16/2023	Res 23-28
		Wastewater - Commercial I (Non-grease Producer) - Fixed Monthly Rate	$ 85.00	$ 106.25	25.0%		9/16/2024	9/16/2023	Res 23-28
		Volume Charge - per 1,000 gallons							
		0 to 6,000 gallons	$ 10.44	$ 13.05	25.0%		9/16/2024	9/16/2023	Res 23-28
		Over 6,000 gallons	$ 12.01	$ 15.01	24.98%		9/16/2024	9/16/2023	Res 23-28
		Wastewater - Commercial II (Grease Producer) - Fixed Monthly Rate	$ 91.00	$ 118.30	30.0%		9/16/2024	9/16/2023	Res 23-28
		Volume Charge - per 1,000 gallons	$ 16.96	$ 22.04	29.95%		9/16/2024	9/16/2023	Res 23-28

Description			Fee	Proposed	% Change	Comments	Proposed Effective	Prior Effective	Res/Ord
Refunds									
Note: Once an application has been reviewed no refunds will be issued unless otherwise approved by the ~~City Administrator~~ Mayor/designee or stated in policy.									
Note: A $10 refund processing fee is retained for administrative/credit card cost on various items above.									

AGENDA REPORT

City Council Meeting

TODAY'S DATE: August 16, 2024

MEETING DATE: August 21, 2024

TO: MAYOR AND CITY COUNCIL

FROM: Holly Ellis, Construction Manager

SUBJECT: Informational Pavement Condition

DESCRIPTION/BACKGROUND:

In recent years, the City Council increased the annual street maintenance and reconstruction budget by the General Fund from $250,000 to $500,000. This funding comes primarily through local property taxes. Property taxes compete with all General Fund services such as police, fire, parks, planning, general administration, etc. The annual budget by General Fund has also been increased for sidewalk and pathway projects to $50,000. On December 7, 2022, the City Council passed an ordinance (Ordinance 1399) to implement the ballot measure passed by Sandpoint voters extending the city's existing tourist tax to Dec. 31, 2035, increasing it from 7% to 14%. This additional tax is used for street maintenance and reconstruction and pedestrian network improvements.

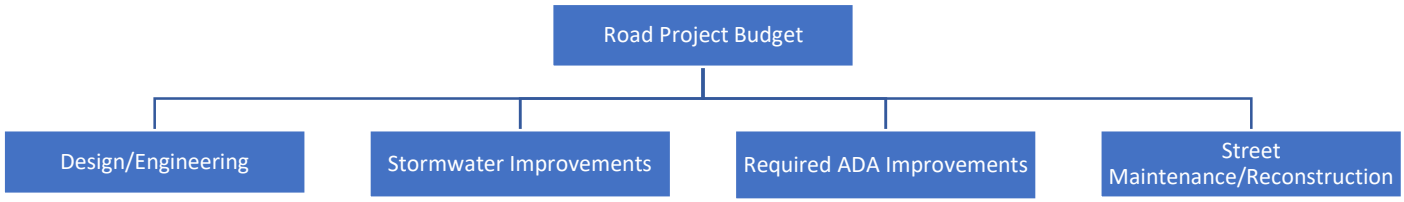
In 2019, the City engaged an independent specialist, Infrastructure Management Services (IMS) to produce a Pavement Condition Report (Report) of every city street. IMS utilized a van equipped with laser sensors that objectively quantified pavement and sub-surface conditions, assigning each street a Pavement Condition Index (PCI) between 0- very poor and 100-excellent. See Attachment 1 for Pavement Condition Example Photos. The following table, from the Report details a description for each of these condition levels with respect to remaining life and typical rehabilitation actions:

PCI Range	Description	Relative Remaining Life	Definition
85 – 100	Excellent	15 to 25 Years	Like new condition – little to no maintenance required when new; routine maintenance such as crack and joint sealing.
70 – 85	Very Good	12 to 20 Years	Routine maintenance such as patching and crack sealing with surface treatments such as seal coats or slurries.
60 – 70	Good	10 to 15 Years	Heavier surface treatments, chip seals and thin overlays. Localized panel replacements for concrete.
40 – 60	Marginal to Fair	7 to 12 Years	Heavy surface-based inlays or overlays with localized repairs. Moderate to extensive panel replacements.
25 – 40	Poor	5 to 10 Years	Sections will require very thick overlays, surface replacement, base reconstruction, and possible subgrade stabilization.
0 – 25	Very Poor	0 to 5 Years	High percentage of full reconstruction.

IMS Infrastructure Management Services Sandpoint_Report Backlog Page 14

The Report recommends an annual budget of $1.03M will achieve an average PCI of 66 and maintain a backlog of 20%. See Attachment 2 for annual PCI projections vs various budgets. With this recommended approach, funds would provide surface-level rehabilitation for streets with a condition between “marginal” and “excellent”. Backlog streets, however, would continue to be neglected. Instead, the City's approach has been to street investment is balanced between maintenance (before it fails) and fixing backlog streets.

City budgets for road rehabilitation and reconstruction projects include efforts for design engineering and construction. In addition to roadwork, construction efforts include required ADA improvements and associated stormwater improvements to address aging infrastructure and preserve the road.



The Annual Condition for Various Budget Levels graphic attached shows budget levels for roadwork only; design efforts, stormwater, and required ADA improvements are not included.

The Road Rehabilitation Cost Estimates show estimates for street rehabilitation projects that include design, stormwater, and required ADA improvements for two options: Option 1 to rehabilitate all roads and Option 2 to rehabilitation roads to a backlog rating within national standards. Attachment 4, Road Rehabilitation Funding Scenarios, shows various annual funding scenarios for each of the cost estimates (in 2024 dollars).

The information in this staff report will be presented at the Council Meeting.

ATTACHMENTS:

1. Pavement Condition Example Photos
2. Annual Condition for Various Budget Levels
3. Road Rehabilitation Cost Estimates
4. Road Rehabilitation Funding Scenarios

PAVEMENT CONDITION EXAMPLE PHOTOS

Excellent Condition
85-100

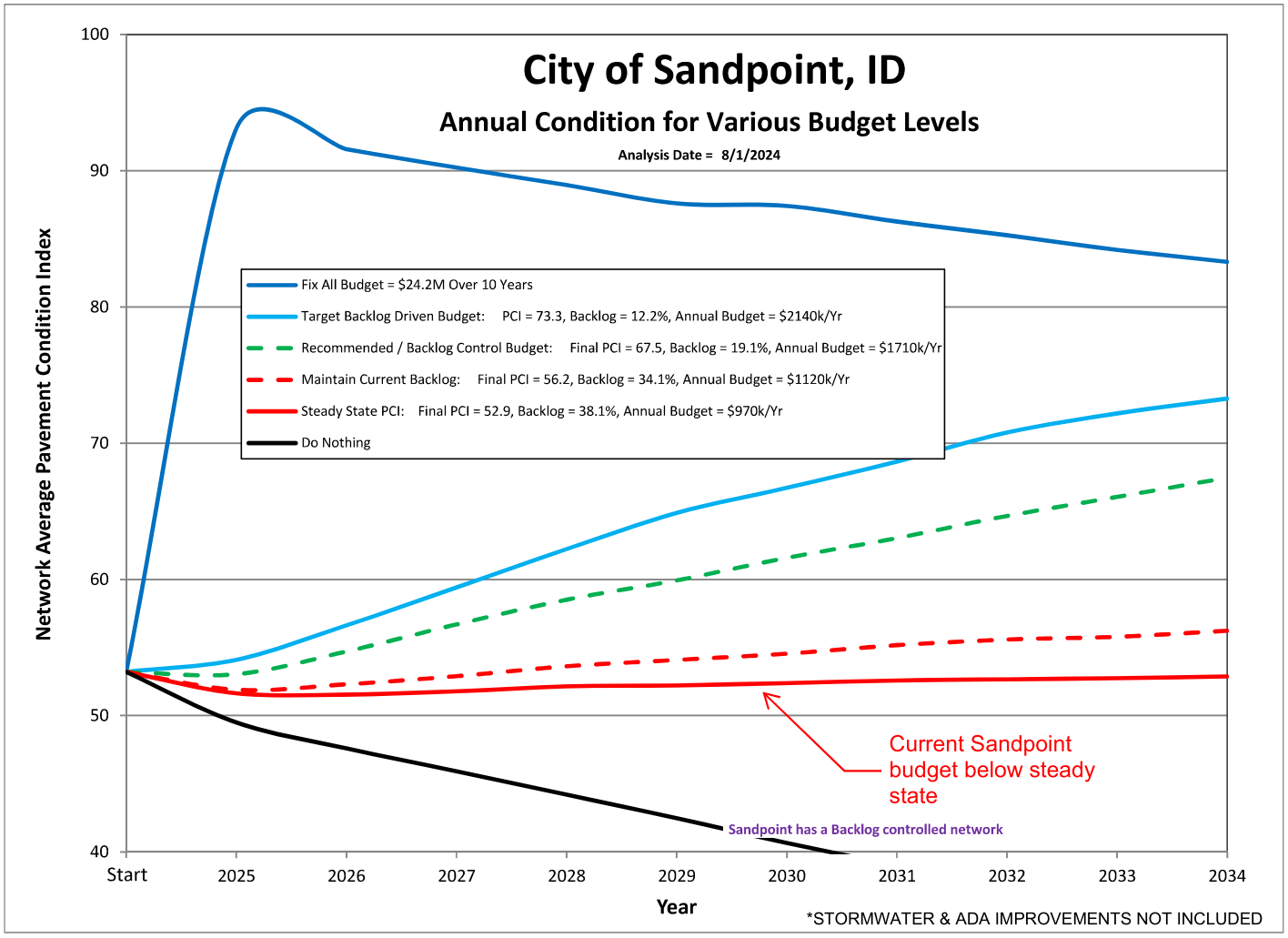
Very Good Condition
70-85

Good Condition
60-70

Marginal to Fair Condition
40-60

Poor Condition
25-40

Very Poor Condition
0-25


City of Sandpoint, ID
Annual Condition for Various Budget Levels
Analysis Date = 8/1/2024
Network Average Pavement Condition Index
100
90
80
70
60
50
40
Start
2025
2026
2027
2028
2029
2030
2031
2032
2033
2034
Year
Fix All Budget = $24.2M Over 10 Years
Target Backlog Driven Budget: PCI = 73.3, Backlog = 12.2%, Annual Budget = $2140k/Yr
Recommended / Backlog Control Budget: Final PCI = 67.5, Backlog = 19.1%, Annual Budget = $1710k/Yr
Maintain Current Backlog: Final PCI = 56.2, Backlog = 34.1%, Annual Budget = $1120k/Yr
Steady State PCI: Final PCI = 52.9, Backlog = 38.1%, Annual Budget = $970k/Yr
Do Nothing
Current Sandpoint budget below steady state
Sandpoint has a Backlog controlled network
*STORMWATER & ADA IMPROVEMENTS NOT INCLUDED

Road Rehabilitation Cost Estimates

Option 1 - Rehab All

	Assumptions		Estimate
Hard Cost			
Road Rehabilitation	Per Condition Assessment	$	24,000,000
Assessment Contingency	30% of Road Rehab Cost	$	7,200,000
Stormwater Improvements	30% of Road Rehab Cost	$	9,360,000
ADA Improvements	5% Road Rehab	$	1,560,000
Contingency	10% of Construction Cost	$	4,212,000.0
Total		**$**	**46,332,000**
Soft Costs			
Design	10% of Hard Cost	$	4,633,200
Total		**$**	**4,633,200**
10% Reserves		$	5,096,520
TOTAL		**$**	**56,061,720**

Option 2 - Rehab to National Average (backlog from 20% to 15%)

	Assumptions		Estimate
Hard Cost			
Road Rehabilitation	Per Condition Assessment	$	18,000,000
Assessment Contingency	30% of Road Rehab Cost	$	5,400,000
Stormwater Improvements	30% of Road Rehab Cost	$	7,020,000
ADA Improvements	5% Road Rehab	$	1,170,000
Contingency	10% of Construction Cost	$	3,159,000.0
Total		**$**	**34,749,000**
Soft Costs			
Design	10% of Hard Cost	$	3,474,900
Total		**$**	**3,474,900**
10% Reserves		$	3,822,390
TOTAL		**$**	**42,046,290**

Option 1 w/ Sidewalk - Rehab All

	Assumptions		Estimate
Hard Cost			
Road Rehabilitation	Per Condition Assessment	$	24,000,000
Assessment Contingency	30% of Road Rehab Cost	$	7,200,000
Sidewalk	70 miles infill @ $80/lf	$	29,568,000
Stormwater Improvements	30% of Road Rehab Cost	$	9,360,000
ADA Improvements	5% Road Rehab	$	1,560,000
Contingency	10% of Construction Cost	$	7,168,800.0
Total		**$**	**78,856,800**
Soft Costs			
Design	10% of Hard Cost	$	7,885,680
Total		**$**	**7,885,680**
10% Reserves		$	8,674,248
TOTAL		**$**	**95,416,728**

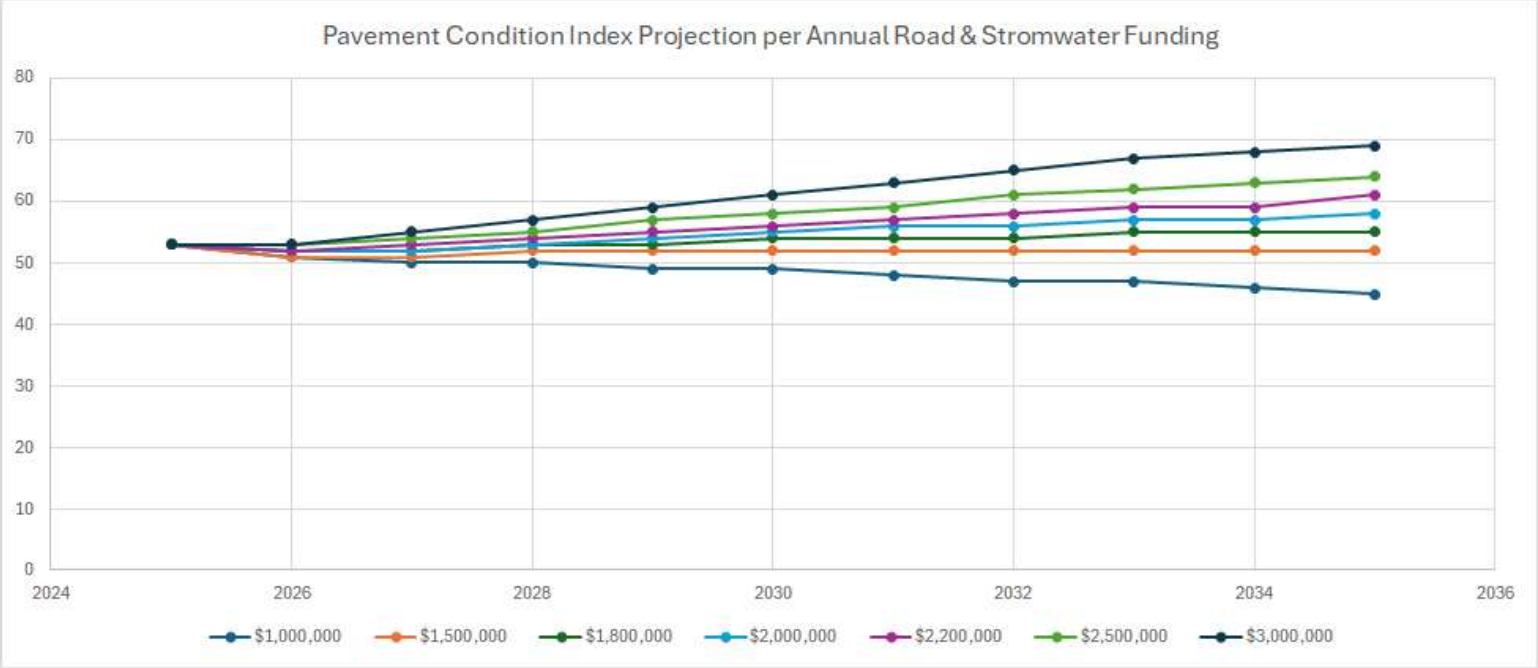
Option 2 w/ Sidewalk - Rehab to National Average (backlog from 20% to 15%)

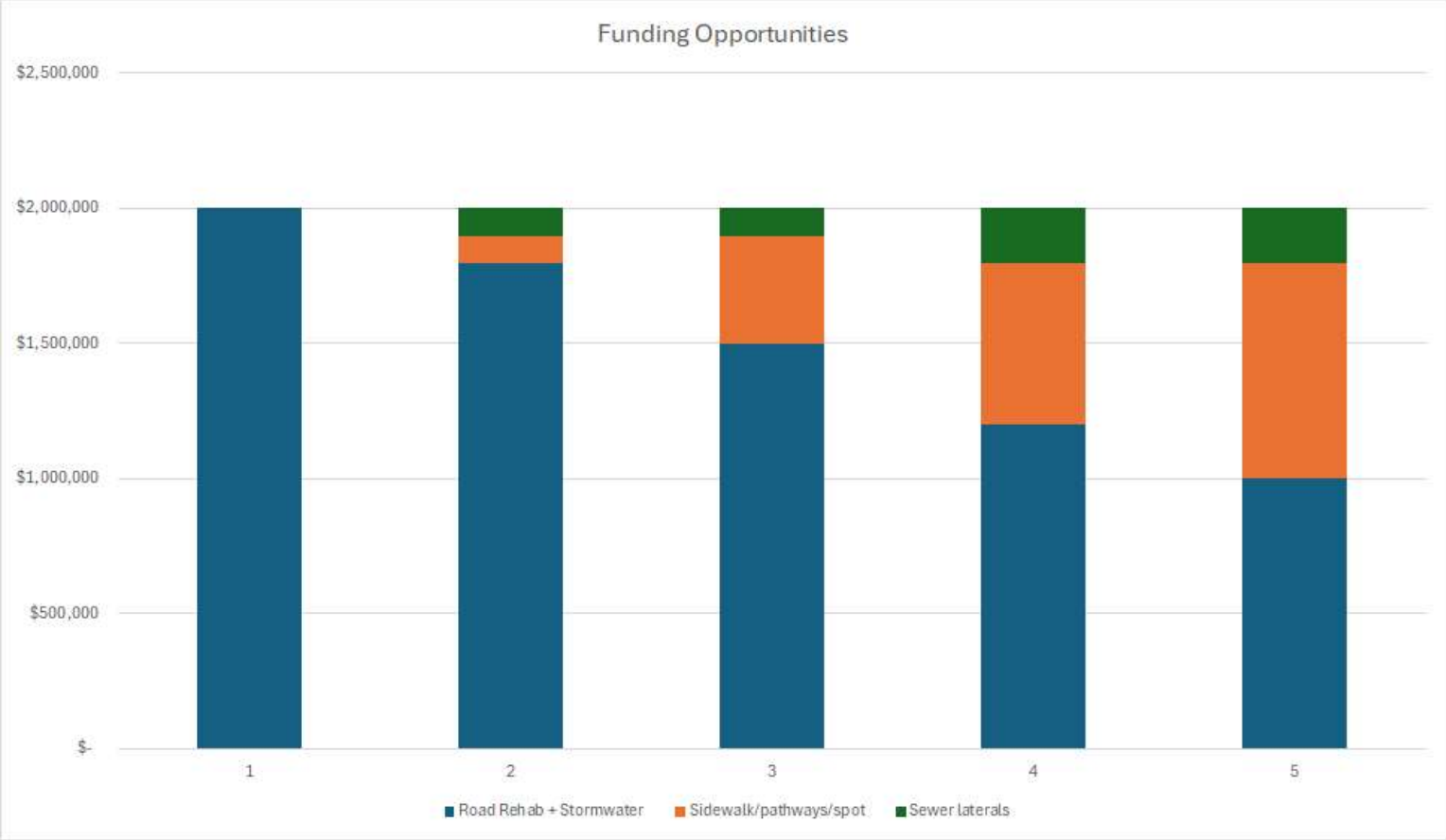
	Assumptions		Estimate
Hard Cost			
Road Rehabilitation	Per Condition Assessment	$	18,000,000
Assessment Contingency	30% of Road Rehab Cost	$	5,400,000
Sidewalk	70 miles infill @ $80/lf	$	29,568,000
Stormwater Improvements	30% of Road Rehab Cost	$	7,020,000
ADA Improvements	5% Road Rehab	$	1,170,000
Contingency	10% of Construction Cost	$	6,115,800.0
Total		**$**	**67,273,800**
Soft Costs			
Design	10% of Hard Cost	$	6,727,380
Total		**$**	**6,727,380**
10% Reserves		$	7,400,118
TOTAL		**$**	**81,401,298**

Funding Scenarios - Street Rehab

Opt 1 - Rehab all
Opt 2 - Rehab to national avg

		2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
	LOT	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000
	RCT - Loding	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	General	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000
	TOTAL FUNDING	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000
Opt 1	$ 56,100,000	$ 53,100,000	$ 50,100,000	$ 47,100,000	$ 44,100,000	$ 41,100,000	$ 38,100,000	$ 35,100,000	$ 32,100,000	$ 29,100,000	$ 26,100,000	$ 23,100,000	$ 20,600,000	$ 18,100,000	$ 15,600,000	$ 13,100,000	$ 10,600,000	$ 8,100,000	$ 5,600,000	$ 3,100,000	$ 600,000	$ (1,900,000)
Opt 1 with sidewalk	$ 95,400,000	$ 92,400,000	$ 89,400,000	$ 86,400,000	$ 83,400,000	$ 80,400,000	$ 77,400,000	$ 74,400,000	$ 71,400,000	$ 68,400,000	$ 65,400,000	$ 62,400,000	$ 59,900,000	$ 57,400,000	$ 54,900,000	$ 52,400,000	$ 49,900,000	$ 47,400,000	$ 44,900,000	$ 42,400,000	$ 39,900,000	$ 37,400,000
Opt 2	$ 42,100,000	$ 39,100,000	$ 36,100,000	$ 33,100,000	$ 30,100,000	$ 27,100,000	$ 24,100,000	$ 21,100,000	$ 18,100,000	$ 15,100,000	$ 12,100,000	$ 9,100,000	$ 6,600,000	$ 4,100,000	$ 1,600,000	$ (900,000)	$ (3,400,000)	$ (5,900,000)	$ (8,400,000)	$ (10,900,000)	$ (13,400,000)	$ (15,900,000)
Opt 2 with sidewalk	$ 81,400,000	$ 78,400,000	$ 75,400,000	$ 72,400,000	$ 69,400,000	$ 66,400,000	$ 63,400,000	$ 60,400,000	$ 57,400,000	$ 54,400,000	$ 51,400,000	$ 48,400,000	$ 45,900,000	$ 43,400,000	$ 40,900,000	$ 38,400,000	$ 35,900,000	$ 33,400,000	$ 30,900,000	$ 28,400,000	$ 25,900,000	$ 23,400,000
	LOT	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000
	RCT - Loding	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	General	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000
	TOTAL FUNDING	$ 2,800,000	$ 2,800,000	$ 2,800,000	$ 2,800,000	$ 2,800,000	$ 2,800,000	$ 2,800,000	$ 2,800,000	$ 2,800,000	$ 2,800,000	$ 2,800,000	$ 2,300,000	$ 2,300,000	$ 2,300,000	$ 2,300,000	$ 2,300,000	$ 2,300,000	$ 2,300,000	$ 2,300,000	$ 2,300,000	$ 2,300,000
Opt 1	$ 56,100,000	$ 53,300,000	$ 50,500,000	$ 47,700,000	$ 44,900,000	$ 42,100,000	$ 39,300,000	$ 36,500,000	$ 33,700,000	$ 30,900,000	$ 28,100,000	$ 25,300,000	$ 23,000,000	$ 20,700,000	$ 18,400,000	$ 16,100,000	$ 13,800,000	$ 11,500,000	$ 9,200,000	$ 6,900,000	$ 4,600,000	$ 2,300,000
Opt 1 with sidewalk	$ 95,400,000	$ 92,600,000	$ 89,800,000	$ 87,000,000	$ 84,200,000	$ 81,400,000	$ 78,600,000	$ 75,800,000	$ 73,000,000	$ 70,200,000	$ 67,400,000	$ 64,600,000	$ 62,300,000	$ 60,000,000	$ 57,700,000	$ 55,400,000	$ 53,100,000	$ 50,800,000	$ 48,500,000	$ 46,200,000	$ 43,900,000	$ 41,600,000
Opt 2	$ 42,100,000	$ 39,300,000	$ 36,500,000	$ 33,700,000	$ 30,900,000	$ 28,100,000	$ 25,300,000	$ 22,500,000	$ 19,700,000	$ 16,900,000	$ 14,100,000	$ 11,300,000	$ 9,000,000	$ 6,700,000	$ 4,400,000	$ 2,100,000	$ (200,000)	$ (2,500,000)	$ (4,800,000)	$ (7,100,000)	$ (9,400,000)	$ (11,700,000)
Opt 2 with sidewalk	$ 81,400,000	$ 78,600,000	$ 75,800,000	$ 73,000,000	$ 70,200,000	$ 67,400,000	$ 64,600,000	$ 61,800,000	$ 59,000,000	$ 56,200,000	$ 53,400,000	$ 50,600,000	$ 48,300,000	$ 46,000,000	$ 43,700,000	$ 41,400,000	$ 39,100,000	$ 36,800,000	$ 34,500,000	$ 32,200,000	$ 29,900,000	$ 27,600,000
	LOT	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000
	RCT - Loding	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	General	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000
	TOTAL FUNDING	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000
Opt 1	$ 56,100,000	$ 53,600,000	$ 51,100,000	$ 48,600,000	$ 46,100,000	$ 43,600,000	$ 41,100,000	$ 38,600,000	$ 36,100,000	$ 33,600,000	$ 31,100,000	$ 28,600,000	$ 26,600,000	$ 24,600,000	$ 22,600,000	$ 20,600,000	$ 18,600,000	$ 16,600,000	$ 14,600,000	$ 12,600,000	$ 10,600,000	$ 8,600,000
Opt 1 with sidewalk	$ 95,400,000	$ 92,900,000	$ 90,400,000	$ 87,900,000	$ 85,400,000	$ 82,900,000	$ 80,400,000	$ 77,900,000	$ 75,400,000	$ 72,900,000	$ 70,400,000	$ 67,900,000	$ 65,900,000	$ 63,900,000	$ 61,900,000	$ 59,900,000	$ 57,900,000	$ 55,900,000	$ 53,900,000	$ 51,900,000	$ 49,900,000	$ 47,900,000
Opt 2	$ 42,100,000	$ 39,600,000	$ 37,100,000	$ 34,600,000	$ 32,100,000	$ 29,600,000	$ 27,100,000	$ 24,600,000	$ 22,100,000	$ 19,600,000	$ 17,100,000	$ 14,600,000	$ 12,600,000	$ 10,600,000	$ 8,600,000	$ 6,600,000	$ 4,600,000	$ 2,600,000	$ 600,000	$ (1,400,000)	$ (3,400,000)	$ (5,400,000)
Opt 2 with sidewalk	$ 81,400,000	$ 78,900,000	$ 76,400,000	$ 73,900,000	$ 71,400,000	$ 68,900,000	$ 66,400,000	$ 63,900,000	$ 61,400,000	$ 58,900,000	$ 56,400,000	$ 53,900,000	$ 51,900,000	$ 49,900,000	$ 47,900,000	$ 45,900,000	$ 43,900,000	$ 41,900,000	$ 39,900,000	$ 37,900,000	$ 35,900,000	$ 33,900,000
	LOT	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000
	RCT - Loding	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	General	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000
	TOTAL FUNDING	$ 2,200,000	$ 2,200,000	$ 2,200,000	$ 2,200,000	$ 2,200,000	$ 2,200,000	$ 2,200,000	$ 2,200,000	$ 2,200,000	$ 2,200,000	$ 2,200,000	$ 1,700,000	$ 1,700,000	$ 1,700,000	$ 1,700,000	$ 1,700,000	$ 1,700,000	$ 1,700,000	$ 1,700,000	$ 1,700,000	$ 1,700,000
Opt 1	$ 56,100,000	$ 53,900,000	$ 51,700,000	$ 49,500,000	$ 47,300,000	$ 45,100,000	$ 42,900,000	$ 40,700,000	$ 38,500,000	$ 36,300,000	$ 34,100,000	$ 31,900,000	$ 30,200,000	$ 28,500,000	$ 26,800,000	$ 25,100,000	$ 23,400,000	$ 21,700,000	$ 20,000,000	$ 18,300,000	$ 16,600,000	$ 14,900,000
Opt 1 with sidewalk	$ 95,400,000	$ 93,200,000	$ 91,000,000	$ 88,800,000	$ 86,600,000	$ 84,400,000	$ 82,200,000	$ 80,000,000	$ 77,800,000	$ 75,600,000	$ 73,400,000	$ 71,200,000	$ 69,500,000	$ 67,800,000	$ 66,100,000	$ 64,400,000	$ 62,700,000	$ 61,000,000	$ 59,300,000	$ 57,600,000	$ 55,900,000	$ 54,200,000
Opt 2	$ 42,100,000	$ 39,900,000	$ 37,700,000	$ 35,500,000	$ 33,300,000	$ 31,100,000	$ 28,900,000	$ 26,700,000	$ 24,500,000	$ 22,300,000	$ 20,100,000	$ 17,900,000	$ 16,200,000	$ 14,500,000	$ 12,800,000	$ 11,100,000	$ 9,400,000	$ 7,700,000	$ 6,000,000	$ 4,300,000	$ 2,600,000	$ 900,000
Opt 2 with sidewalk	$ 81,400,000	$ 79,200,000	$ 77,000,000	$ 74,800,000	$ 72,600,000	$ 70,400,000	$ 68,200,000	$ 66,000,000	$ 63,800,000	$ 61,600,000	$ 59,400,000	$ 57,200,000	$ 55,500,000	$ 53,800,000	$ 52,100,000	$ 50,400,000	$ 48,700,000	$ 47,000,000	$ 45,300,000	$ 43,600,000	$ 41,900,000	$ 40,200,000
	LOT	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000
	RCT - Loding	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	General	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000
	TOTAL FUNDING	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000
Opt 1	$ 56,100,000	$ 54,100,000	$ 52,100,000	$ 50,100,000	$ 48,100,000	$ 46,100,000	$ 44,100,000	$ 42,100,000	$ 40,100,000	$ 38,100,000	$ 36,100,000	$ 34,100,000	$ 32,600,000	$ 31,100,000	$ 29,600,000	$ 28,100,000	$ 26,600,000	$ 25,100,000	$ 23,600,000	$ 22,100,000	$ 20,600,000	$ 19,100,000
Opt 1 with sidewalk	$ 95,400,000	$ 93,400,000	$ 91,400,000	$ 89,400,000	$ 87,400,000	$ 85,400,000	$ 83,400,000	$ 81,400,000	$ 79,400,000	$ 77,400,000	$ 75,400,000	$ 73,400,000	$ 71,900,000	$ 70,400,000	$ 68,900,000	$ 67,400,000	$ 65,900,000	$ 64,400,000	$ 62,900,000	$ 61,400,000	$ 59,900,000	$ 58,400,000
Opt 2	$ 42,100,000	$ 40,100,000	$ 38,100,000	$ 36,100,000	$ 34,100,000	$ 32,100,000	$ 30,100,000	$ 28,100,000	$ 26,100,000	$ 24,100,000	$ 22,100,000	$ 20,100,000	$ 18,600,000	$ 17,100,000	$ 15,600,000	$ 14,100,000	$ 12,600,000	$ 11,100,000	$ 9,600,000	$ 8,100,000	$ 6,600,000	$ 5,100,000
Opt 2 with sidewalk	$ 81,400,000	$ 79,400,000	$ 77,400,000	$ 75,400,000	$ 73,400,000	$ 71,400,000	$ 69,400,000	$ 67,400,000	$ 65,400,000	$ 63,400,000	$ 61,400,000	$ 59,400,000	$ 57,900,000	$ 56,400,000	$ 54,900,000	$ 53,400,000	$ 51,900,000	$ 50,400,000	$ 48,900,000	$ 47,400,000	$ 45,900,000	$ 44,400,000
	LOT	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000
	RCT - Loding	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	General	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	TOTAL FUNDING	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000
Opt 1	$ 56,100,000	$ 53,600,000	$ 51,100,000	$ 48,600,000	$ 46,100,000	$ 43,600,000	$ 41,100,000	$ 38,600,000	$ 36,100,000	$ 33,600,000	$ 31,100,000	$ 28,600,000	$ 26,600,000	$ 24,600,000	$ 22,600,000	$ 20,600,000	$ 18,600,000	$ 16,600,000	$ 14,600,000	$ 12,600,000	$ 10,600,000	$ 8,600,000
Opt 1 with sidewalk	$ 95,400,000	$ 92,900,000	$ 90,400,000	$ 87,900,000	$ 85,400,000	$ 82,900,000	$ 80,400,000	$ 77,900,000	$ 75,400,000	$ 72,900,000	$ 70,400,000	$ 67,900,000	$ 65,900,000	$ 63,900,000	$ 61,900,000	$ 59,900,000	$ 57,900,000	$ 55,900,000	$ 53,900,000	$ 51,900,000	$ 49,900,000	$ 47,900,000
Opt 2	$ 42,100,000	$ 39,600,000	$ 37,100,000	$ 34,600,000	$ 32,100,000	$ 29,600,000	$ 27,100,000	$ 24,600,000	$ 22,100,000	$ 19,600,000	$ 17,100,000	$ 14,600,000	$ 12,600,000	$ 10,600,000	$ 8,600,000	$ 6,600,000	$ 4,600,000	$ 2,600,000	$ 600,000	$ (1,400,000)	$ (3,400,000)	$ (5,400,000)
Opt 2 with sidewalk	$ 81,400,000	$ 78,900,000	$ 76,400,000	$ 73,900,000	$ 71,400,000	$ 68,900,000	$ 66,400,000	$ 63,900,000	$ 61,400,000	$ 58,900,000	$ 56,400,000	$ 53,900,000	$ 51,900,000	$ 49,900,000	$ 47,900,000	$ 45,900,000	$ 43,900,000	$ 41,900,000	$ 39,900,000	$ 37,900,000	$ 35,900,000	$ 33,900,000
	LOT	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000	$ 1,800,000
	RCT - Loding	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	General	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	TOTAL FUNDING	$ 2,300,000	$ 2,300,000	$ 2,300,000	$ 2,300,000	$ 2,300,000	$ 2,300,000	$ 2,300,000	$ 2,300,000	$ 2,300,000	$ 2,300,000	$ 2,300,000	$ 2,300,000	$ 2,300,000	$ 2,300,000	$ 2,300,000	$ 2,300,000	$ 2,300,000	$ 2,300,000	$ 2,300,000	$ 2,300,000	$ 2,300,000
Opt 1	$ 56,100,000	$ 53,800,000	$ 51,500,000	$ 49,200,000	$ 46,900,000	$ 44,600,000	$ 42,300,000	$ 40,000,000	$ 37,700,000	$ 35,400,000	$ 33,100,000	$ 30,800,000	$ 28,500,000	$ 26,200,000	$ 23,900,000	$ 21,600,000	$ 19,300,000	$ 17,000,000	$ 14,700,000	$ 12,400,000	$ 10,100,000	$ 7,800,000
Opt 1 with sidewalk	$ 95,400,000	$ 93,100,000	$ 90,800,000	$ 88,500,000	$ 86,200,000	$ 83,900,000	$ 81,600,000	$ 79,300,000	$ 77,000,000	$ 74,700,000	$ 72,400,000	$ 70,100,000	$ 67,800,000	$ 65,500,000	$ 63,200,000	$ 60,900,000	$ 58,600,000	$ 56,300,000	$ 54,000,000	$ 51,700,000	$ 49,400,000	$ 47,100,000
Opt 2	$ 42,100,000	$ 39,800,000	$ 37,500,000	$ 35,200,000	$ 32,900,000	$ 30,600,000	$ 28,300,000	$ 26,000,000	$ 23,700,000	$ 21,400,000	$ 19,100,000	$ 16,800,000	$ 14,500,000	$ 12,200,000	$ 9,900,000	$ 7,600,000	$ 5,300,000	$ 3,000,000	$ 700,000	$ (1,600,000)	$ (3,900,000)	$ (6,200,000)
Opt 2 with sidewalk	$ 81,400,000	$ 79,100,000	$ 76,800,000	$ 74,500,000	$ 72,200,000	$ 69,900,000	$ 67,600,000	$ 65,300,000	$ 63,000,000	$ 60,700,000	$ 58,400,000	$ 56,100,000	$ 53,800,000	$ 51,500,000	$ 49,200,000	$ 46,900,000	$ 44,600,000	$ 42,300,000	$ 40,000,000	$ 37,700,000	$ 35,400,000	$ 33,100,000
	LOT	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000
	RCT - Loding	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	General	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	TOTAL FUNDING	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000
Opt 1	$ 56,100,000	$ 54,100,000	$ 52,100,000	$ 50,100,000	$ 48,100,000	$ 46,100,000	$ 44,100,000	$ 42,100,000	$ 40,100,000	$ 38,100,000	$ 36,100,000	$ 34,100,000	$ 32,600,000	$ 31,100,000	$ 29,600,000	$ 28,100,000	$ 26,600,000	$ 25,100,000	$ 23,600,000	$ 22,100,000	$ 20,600,000	$ 19,100,000
Opt 1 with sidewalk	$ 95,400,000	$ 93,400,000	$ 91,400,000	$ 89,400,000	$ 87,400,000	$ 85,400,000	$ 83,400,000	$ 81,400,000	$ 79,400,000	$ 77,400,000	$ 75,400,000	$ 73,400,000	$ 71,900,000	$ 70,400,000	$ 68,900,000	$ 67,400,000	$ 65,900,000	$ 64,400,000	$ 62,900,000	$ 61,400,000	$ 59,900,000	$ 58,400,000
Opt 2	$ 42,100,000	$ 40,100,000	$ 38,100,000	$ 36,100,000	$ 34,100,000	$ 32,100,000	$ 30,100,000	$ 28,100,000	$ 26,100,000	$ 24,100,000	$ 22,100,000	$ 20,100,000	$ 18,600,000	$ 17,100,000	$ 15,600,000	$ 14,100,000	$ 12,600,000	$ 11,100,000	$ 9,600,000	$ 8,100,000	$ 6,600,000	$ 5,100,000
Opt 2 with sidewalk	$ 81,400,000	$ 79,400,000	$ 77,400,000	$ 75,400,000	$ 73,400,000	$ 71,400,000	$ 69,400,000	$ 67,400,000	$ 65,400,000	$ 63,400,000	$ 61,400,000	$ 59,400,000	$ 57,900,000	$ 56,400,000	$ 54,900,000	$ 53,400,000	$ 51,900,000	$ 50,400,000	$ 48,900,000	$ 47,400,000	$ 45,900,000	$ 44,400,000
	LOT	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000
	RCT - Loding	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	General	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	TOTAL FUNDING	$ 1,700,000	$ 1,700,000	$ 1,700,000	$ 1,700,000	$ 1,700,000	$ 1,700,000	$ 1,700,000	$ 1,700,000	$ 1,700,000	$ 1,700,000	$ 1,700,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000	$ 1,200,000
Opt 1	$ 56,100,000	$ 54,400,000	$ 52,700,000	$ 51,000,000	$ 49,300,000	$ 47,600,000	$ 45,900,000	$ 44,200,000	$ 42,500,000	$ 40,800,000	$ 39,100,000	$ 37,400,000	$ 36,200,000	$ 35,000,000	$ 33,800,000	$ 32,600,000	$ 31,400,000	$ 30,200,000	$ 29,000,000	$ 27,800,000	$ 26,600,000	$ 25,400,000
Opt 1 with sidewalk	$ 95,400,000	$ 93,700,000	$ 92,000,000	$ 90,300,000	$ 88,600,000	$ 86,900,000	$ 85,200,000	$ 83,500,000	$ 81,800,000	$ 80,100,000	$ 78,400,000	$ 76,700,000	$ 75,500,000	$ 74,300,000	$ 73,100,000	$ 71,900,000	$ 70,700,000	$ 69,500,000	$ 68,300,000	$ 67,100,000	$ 65,900,000	$ 64,700,000
Opt 2	$ 42,100,000	$ 40,400,000	$ 38,700,000	$ 37,000,000	$ 35,300,000	$ 33,600,000	$ 31,900,000	$ 30,200,000	$ 28,500,000	$ 26,800,000	$ 25,100,000	$ 23,400,000	$ 22,200,000	$ 21,000,000	$ 19,800,000	$ 18,600,000	$ 17,400,000	$ 16,200,000	$ 15,000,000	$ 13,800,000	$ 12,600,000	$ 11,400,000
Opt 2 with sidewalk	$ 81,400,000	$ 79,700,000	$ 78,000,000	$ 76,300,000	$ 74,600,000	$ 72,900,000	$ 71,200,000	$ 69,500,000	$ 67,800,000	$ 66,100,000	$ 64,400,000	$ 62,700,000	$ 61,500,000	$ 60,300,000	$ 59,100,000	$ 57,900,000	$ 56,700,000	$ 55,500,000	$ 54,300,000	$ 53,100,000	$ 51,900,000	$ 50,700,000
	LOT	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000
	RCT - Loding	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	General	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	TOTAL FUNDING	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000
Opt 1	$ 56,100,000	$ 54,600,000	$ 53,100,000	$ 51,600,000	$ 50,100,000	$ 48,600,000	$ 47,100,000	$ 45,600,000	$ 44,100


Pavement Condition Index Projection per Annual Road & Stromwater Funding
80
70
60
50
40
30
20
10
0
2024
2026
2028
2030
2032
2034
2036
$1,000,000
$1,500,000
$1,800,000
$2,000,000
$2,200,000
$2,500,000
$3,000,000


Funding Opportunities
$2,500,000
$2,000,000
$1,500,000
$1,000,000
$500,000
$-
1
2
3
4
5
Road Rehab + Stormwater
Sidewalk/pathways/spot
Sewer laterals