



City Council Regular Meeting Agenda

Tuesday, January 20, 2026, 7:00 PM
Council Chambers, 616 NE 4th AVE

NOTE: The City welcomes public meeting citizen participation. TTY Relay Service: 711. In compliance with the ADA, if you need special assistance to participate in a meeting, contact the City Clerk's office at (360) 834-6864, 72 hours prior to the meeting so reasonable accommodations can be made (28 CFR 35.102-35.104 ADA Title 1)

To observe the meeting (no public comment ability)

- go to <https://vimeo.com/event/5652453>

To participate in the meeting (able to public comment)

- go to <https://us06web.zoom.us/j/88951076096>

(public comments may be submitted to publiccomments@cityofcamas.us)

CALL TO ORDER

PLEDGE OF ALLEGIANCE

ROLL CALL

PUBLIC COMMENTS

CONSENT AGENDA

NOTE: Consent Agenda items may be removed for general discussion or action.

1. [January 5, 2026 Camas City Council Regular and Workshop Meeting Minutes](#)
2. Automated Clearing House and Claim Checks Approved by Finance Committee
3. [\\$178,465 to Jacobs for Slow Sand Filter Plant Start Up Amendment No. 5
\(Submitted by Rob Charles, Utilities Manager\)](#)
4. [Approve Change Order No. 2 Advanced Excavation Specialist NW Pacific Rim
Drive Pavement and ADA Improvements and Accept Project as Complete
\(Submitted by Justin Monsrud, Engineer III\)](#)

MAYOR

5. Mayor Announcements

MEETING ITEMS

6. [NE Hathaway Rd Waterline Replacement Consideration of Bids
Presenter: James Carothers, Engineering Manager, Scott Collins, Public Works
Director and Shawn MacPherson, City Attorney
Time Estimate: 15 minutes](#)

PUBLIC COMMENTS

NON-AGENDA ITEMS

7. Staff

8. Council

CLOSE OF MEETING



City Council Workshop Minutes - Draft
Monday, January 05, 2026, 4:30 PM
Council Chambers, 616 NE 4th AVE

NOTE: Please see the published Agenda Packet for all item file attachments

CALL TO ORDER

Mayor Hogan called the meeting to order at 4:30 p.m.

ROLL CALL

Present: Council Members Marilyn Boerke, Martin Elzingre, Mahsa Eshghi, Tim Hein, John Nohr, Jennifer Senescu and John Svilarich

Staff: Sydney Baker, James Carothers, Rob Charles, Scott Collins, Carrie Davis, Cliff Free, Jennifer Gorsuch, Cathy Huber Nickerson, Tina Jones, Robert Maul, Alan Peters, Doug Quinn, Bryan Rachal, Heidi Steffensen, Alicia Stevens, Connie Urquhart and Chris Witkowski

Press: No one from the press was present.

PUBLIC COMMENTS

Trang Lam, Clark County/Washougal, commented about the Grove Airport.

Randal Friedman, Camas, commented about the SunCal Development Agreement.

Dave St. Clair, Washougal, commented about the Grove Airport.

Samantha Horner, Camas, commented about the Grove Airport.

John Spencer, Washougal, commented about the Grove Airport.

Brad Richardson, Camas, commented about the Grove Airport.

Bolt Minister, Washougal, commented about the Grove Airport.

Jonathan Evans, Camas, commented about the Grove Airport.

WORKSHOP TOPICS

1. Professional Services Agreement Amendment General Sewer Plan Update
Presenter: Rob Charles, Utilities Manager

This item will be placed on the January 20, 2026 City Council Regular Meeting Agenda for Council's consideration.

2. Professional Services Agreement Amendment for Slow Sand Filter Plant Startup
Presenter: Rob Charles, Utilities Manager

This item will be placed on the January 20, 2026 City Council Regular Meeting Consent Agenda for Council's consideration.

3. Our Camas 2045 – Preferred Land Use Alternative
Presenter: Alan Peters, Community Development Director

This item was for Council's information only.

4. Staff Miscellaneous Updates
Presenter: Doug Quinn, City Administrator

There were no staff updates.

PUBLIC COMMENTS

Randal Friedman, Camas, commented about land development and planning.

COUNCIL COMMENTS AND REPORTS

Hein attended a Veterans of Foreign Wars (VFW) Coffee event and the Milk & Honey ribbon cutting. Hein thanked Doug Quinn and Michelle Jackson for their help with a local family and welcomed new Council Member Mahsa Eshghi.

Senescu thanked staff for their work on Forest Home Road. Senescu commented about a presentation from Clark County Public Transit Benefit Area Authority (CTran) hosted by the Camas-Washougal Chamber of Commerce.

Boerke commented about the Holiday Chamber Luncheon. Boerke attended a virtual reality training with the Police Department, First Friday and the Milk & Honey ribbon cutting.

Eshghi thanked Tina Jones for including her in active shooter training.

Nohr welcomed new Council Member Mahsa. Nohr commented about citizen comments about Crown Park and fireworks.

Mayor Hogan commented about the death Greg Biffle and his family.

CLOSE OF MEETING

The meeting closed at 6:10 p.m.



City Council Regular Meeting Minutes - Draft
Monday, January 05, 2026, 7:00 PM
Council Chambers, 616 NE 4th AVE

NOTE: Please see the published Agenda Packet for all item file attachments

CALL TO ORDER

Mayor Hogan called the meeting to order at 7:00 p.m.

PLEDGE OF ALLEGIANCE

ROLL CALL

Present: Council Members Marilyn Boerke, Martin Elzingre, Mahsa Eshghi, Tim Hein, John Nohr, Jennifer Senescu and John Svilarich

Staff: Sydney Baker, Rob Charles, Scott Collins, Carrie Davis, Cliff Free, Jennifer Gorsuch, Cathy Huber Nickerson, Tina Jones, Robert Maul, Shawn MacPherson, Alan Peters, Doug Quinn, Bryan Rachal, Heidi Steffensen, Alicia Stevens, Connie Urquhart and Chris Witkowski

Press: No one from the press was present.

OATH OF OFFICE

1. Oath of Office - Council Member Hein
Presenter: Shawn MacPherson, City Attorney

MacPherson administered the Oath of Office.

2. Oath of Office - Council Member Boerke
Presenter: Shawn MacPherson, City Attorney

MacPherson administered the Oath of Office.

3. Oath of Office - Council Member Eshghi
Presenter: Shawn MacPherson, City Attorney

MacPherson administered the Oath of Office.

PUBLIC COMMENTS

Darcy Smith, Camas, commented about housing and economics.

Tyler Sanders, Camas, commented about community development.

Minutes created by Alicia Stevens.

CONSENT AGENDA

NOTE: Consent Agenda items may be removed for general discussion or action.

4. December 15, 2025 Camas City Council Regular and Workshop Meeting Minutes
5. \$2,043,688.82 Automated Clearing House 703053-703095 and Claim Checks 162029-162105 and \$55,476.10 Automated Clearing House 703107-703111 and Claim Checks 162114-162118 and \$616.52 Camas Assistance Program (CAP) Check number 162028 and \$3,351,394.70 Automated Clearing House, Direct Deposit Payroll Check 160243 and Payroll Accounts Payable Checks 162106-162113 Approved by Finance Committee
6. \$132,749.60 for November 2025 Emergency Medical Services (EMS) Write-off Billings for Monthly Uncollectable Balance of Medicare and Medicaid Accounts (Submitted by Cathy Huber Nickerson, Finance Director)
7. \$1,150.89 for the 2025 Unpaid Final Utility Bill Write-off from Previous Property Owner or were otherwise uncollectible (Submitted by Cathy Huber Nickerson, Finance Director)
8. \$710,257.76 to SLE, Inc., for Well 6/14 Transmission Main Bid Award with up to 10% change order authorization (Submitted by Rob Charles, Utilities Manager)

It was moved by Elzingre, and seconded, to approve the Consent Agenda. The motion passed unanimously.

MAYOR

9. Mayor Announcements

Mayor Hogan commented about the Regional Fire Authority (RFA) and the Joint Public Advisory Committee (JPAC). Mayor Hogan commented about Greg Biffle.

10. 2026 Council Assignments

It was moved by Boerke, and seconded, to confirm the Mayor's 2026 Council Appointments. The motion passed.

11. 2026 Mayor Pro Tem Appointment

It was moved by Elzingre, and seconded, to approve Council Member Tim Hein as the Mayor Pro Tem and Council Member John Nohr as alternate for 2026. The motion passed unanimously.

MEETING ITEMS

12. 2026 Collective Bargaining Agreement between the City of Camas and International Association of Fire Fighters (IAFF) Local #2444.
Presenter: Jennifer Gorsuch, Administrative Services Director

It was moved by Boerke, and seconded, to approve the 2026 Collective Bargaining Agreement between the City of Camas and International Association of Fire Fighters as presented and authorize the Mayor and City Administrator to sign this agreement. The motion passed unanimously.

13. Professional Services Agreement Amendment Water System Plan Update
Presenter: Rob Charles, Utilities Manager

It was moved by Boerke, and seconded, to approve the Professional Services Amendment Water System Plan Update. The motion passed unanimously.

PUBLIC COMMENTS

No one from the public wished to speak.

NON-AGENDA ITEMS

14. Staff

There were no staff comments.

15. Council

Nohr commented about the Planning Conference.

Senescu welcomed Council Member Eshghi.

Svilarich welcomed Council Member Eshghi.

Boerke welcomed Council Member Eshghi.

Elzingre welcomed Council Member Eshghi.

Hein welcomed Council Member Eshghi and thanked citizens for their attendance and his wife for her support.

Eshghi thanked all in attendance for their support.

CLOSE OF MEETING

The meeting closed at 7:40 p.m.



Water Treatment Plant Start-Up
City of Camas

January 8, 2026

Client name: City of Camas
Revision: 1
Revision date: January 8, 2026
Project/Proposal no: TBD
Project manager: Jack Wallis, PE
Prepared by: Jack Wallis, PE
Approved by: Dan Shafar, PE ENV SP
File name: Camas SSF Startup 20260108

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Project Understanding

The City of Camas (City) has requested a new contract for startup-assistance for the City's existing Water Treatment Plant (WTP). This contract builds upon the history of preceding work completed between 2020 and 2024. The following summarizes the previous contract history:

Contract	Contract Schedule	Contract Cost
Original Contract December 2020	Dec 2020 → Nov 2021	\$34,910
Amendment 1 December 2021	Nov 2021 → Jun 2022	<i>No change</i>
Amendment 2 June 2022	Jun 2022 → Dec 2022	<i>No change</i>
Amendment 3 November 2022	Dec 2022 → Dec 2023	<i>No change</i>
Amendment 4 November 2023	Dec 2023 → Dec 2024	<i>No Change</i>

Recent attempts to complete startup of the slow sand filter have been complicated by a number of factors including wildfires within the watershed, required maintenance at the watershed intakes, on-going SCADA and I&C integration and service upgrades, and multi-party coordination including Jacobs, Carollo, S&B, Tomco, and Airgas.

The intent of this contract is to synchronize and simplify the start-up process by having Jacobs primarily responsible for scheduling and sequencing startup operations. Jacobs will provide coordination of vendor services, provide on-site supervision and start-up services of the slow sand filter, and provide additional training refresher for City staff. An allowance of on-call support for the first year of startup operations will be provided.

Background

The City of Camas, WA (City) owns and operates a slow sand filter (SSF) water treatment plant (WTP) located near the intersection of NE Lessard Road and NE Winter Road. City staff have asked for assistance with startup of the plant since it is only operated seasonally and significant time has passed since the plant was last operated. The City has recently added caustic and carbon dioxide to the plant that has increased the complexity of the system. City staff have also noted that there may be air in the effluent line, which is causing issues with the accuracy of the flow meter. The City has requested that Jacobs Project Management Co. (Consultant) assist City staff with startup, training, and ongoing operations support.

Scope of Work

Consultant shall perform the following tasks.

Task 1 – Project Management

This task includes work necessary to effectively manage the work, including but not limited to:

- Task management, internal reporting, and coordination with the City.
- Preparing and submitting bi-monthly invoices and progress reports for Consultant services.

Assumptions

- The duration of the project for budgeting project management purposes is assumed to be from January 2026 to July 2027. Invoicing is assumed to occur every other month.

Deliverables

- Bi-monthly invoices and progress reports during periods of activity.

Task 2 – Pre-Start-up Services

Consultant will provide pre-start-up services including the following key activities:

- File necessary WA Department of L&I paperwork and notices for prevailing wage
- Review existing design documentation for Carbon Dioxide and caustic systems (design by Carollo Engineers).
- Coordinate and lead a conference call between City and TOMCO to strategize needs and approach for initial assessment site visit.
- Coordinate and participate in the initial assessment site visit between TOMCO and Air Gas to evaluate the existing condition of the tank and dosing systems.
- Coordinate final testing and completion of S&B's I&C upgrade for the plant.
- Provide updated notice to Washington Department of Health of anticipated start-up dates.

Assumptions

- Air Gas' time and materials will be invoiced directly to the City through their existing agreement (attached to this proposal).
- TOMCO Systems will provide one 8-hour site visit to inspect CO2 storage and feed system for proper installation and assessment of the idle system.
- Jacobs operations and maintenance staff will complete all work tasks (under supervised direction of TOMCO) for prevailing wage related work. Assumes 8-hour workday with two start-up operators on-site.
- This task includes travel related expenses for Jacobs and TOMCO.
- All City comments on draft memorandum will be provided in a consolidated format.

Deliverables

- Draft and final site visit summary memorandum in electronic format documenting work completed on-site, equipment condition and next steps.
- Certified payroll and prevailing wage documentation.

Task 3 – WTP Start-up Services

Consultant will complete WTP start-up services in coordination with the City and its operators. Start-up includes the following key activities:

- Coordinate vendor start-up services between TOMCO and Air Gas.
- One day of start-up services and plant testing in advance of vendor scheduled start-up services.
- Participate in start-up activities under the direction of TOMCO on-site. Assumes that Jacobs operations and maintenance team will complete all work tasks for prevailing wage related work. Assumes three 8-hour workdays with two start-up operators on-site. Includes labor for potential minor repairs under supervision of TOMCO for the CO2 tank and feed systems.
- One day of start-up services and plant operations following vendor scheduled start-up services.
- One-day of on-site training and refresher for City staff. Includes updates to the existing Operations and Maintenance manual (allowance of 40-hours to compile if needed).
- One day per month (assume for four months) of on-site support for City Water Operations.
- One day of on-site support during seasonal plant shut-down (April 2026).
- One day of on-site support during seasonal plant start-up (October 2026).
- Allowance of 20-hours for as-needed operational support (October – December 2026).

Assumptions

- Air Gas' time and materials will be invoiced directly to the City through their existing agreement (attached to this proposal).
- Consultant will provide two O&M team members for five 8-hour working days during vendor start-up services.
- Consultant will provide one O&M team member for 8-hour working day during monthly operations and seasonal shut-down and start-up events.
- Consultant technical team including project manager and or design engineering support specialist will be on-site to assist with testing and coordination.
- S&B responsible for verifying point-to-point I&C verification, accuracy of flow meters and calibration check. City responsible for scheduling and coordination directly with S&B.
- A \$10,000 allowance included for TOMCO to provide as-needed small parts/equipment for potential repairs to the storage tank and feed systems.

Deliverables

- Updated operations and maintenance manual.
- Update training materials.
- Site visit summary memoranda documenting work completed on-site.

- Certified payroll and prevailing wage documentation.

Schedule

The period of performance for this project is NTP through July 2027.

Consultant will work with the City to timely execute the anticipated schedule below.

- January & February 2026 – Subcontracting and scheduling vendor services.
- February 2026 – Site visits with Jacobs, Tomco, and Air Gas to assess existing carbon dioxide equipment condition and potential repairs.
- March 2026 – Vendor startup services including Tomco start-up and delivery of Carbon Dioxide.
- March 2026 thru May 2026 – City operates WTP with monthly site visits.
- June 2026 – Seasonal plant shut-down with one site visit.
- October 2026 – Seasonal plant start-up with one site visit.
- October 2026 thru May 2027 – City operates WTP with as-needed startup support.
- June 2027 – Contract close-out.

Cost

Consultant will provide this scope of work on a time and materials basis with a not-to-exceed budget of \$178,465, unless authorized by a written Amendment. The task breakdown for the not-to-exceed amount is shown in Table 1.

Table 1. Estimated Cost for Camas SSF Startup and Training Assistance

Task	Labor Cost	Expenses	Total
1 – Project Management	\$13,161	\$0	\$4,600
2 – Pre-Start-up Services	\$29,561	\$10,065	\$38,711
3 – WTP Start-up Services	\$82,143	\$43,535	\$124,343
TOTAL			\$178,465

Billing Rates

Compensation shall be in accordance with the provisions of the Professional Engineering Services Contract between City and Consultant. The labor rates included in Attachment B include a 3.15 multiplier on raw rates up to a cap of \$310/hour and a flat rate of \$115/hour on Consultant GID staff.

Attachment B – Level of Effort

Appendix A - Budget
Estimate for Professional Services

Item 3.



City of Camas Slow Sand Startup	Project Role	Project Manager	Project Engineer	Drinking Water Treatment Lead	Mechanical Engineer	Operations Management	Operations Tech 1	Operations Tech 2	Project Controls	Project Assistant	Jacobs Labor Hours	Total Jacobs Labor Dollars	Expenses	Total Jacobs Labor & Expenses
	Team Member 2025 Rates	Shafar, Dan \$ 310	Wallis, Jack \$ 221	Enoch Nicholson \$ 262	White, Robert \$ 268	Quijani, Marc \$ 268	Bostic, Robert \$ 262	Uribe, Lupe \$ 205	Panwar, AJAY \$ 117	Bak, Oskar \$ 117				
Task 1 Project Management		22	12			8			6	6	10	\$ 13,161		\$ 13,161
Project Management Services through June 2027														
Project Administration		12	12			8			6	6		\$ 10,061		
Subcontracting		4									4	\$ 1,240		
Project Invoices & Status Reports		6									6	\$ 1,860		
Task 2 Pre-Start-up Services		12	22	8	16	2	30	28		4	122	\$ 29,561	\$ 9,150	\$ 38,711
Coordination with State Agencies (L&I, DoE)		4		4	4					4	16	\$ 3,827		
Review of Design Documentation				2	2	2	12	12			30	\$ 7,202		
Coordination with TOMCO, Air Gas, S&B			10	2	2		2				16	\$ 3,790		
Pre-Startup Site Visit		8	8		8		12	12			48	\$ 11,992	\$ 3,200	
TOMCO Vendor Services											0	\$ -	\$ 5,950	
Pre-Startup Site Visit Documentation			4				4	4			12	\$ 2,751		
											0	\$ -		
Task 3 WTP Start-up Services		10	44	32	72		120	40			318	\$ 82,143	\$ 42,200	\$ 124,343
Jacobs Pre-Vendor Startup		4	6	2	6		8	8			34	\$ 8,431	\$ 2,000	
Plant Startup (with TOMCO, Air Gas, and S&B)		4	18	8	18		24	24			96	\$ 23,339	\$ 2,400	
TOMCO Vendor Services											0	\$ -	\$ 9,550	
TOMCO Contingency for spare parts											0	\$ -	\$ 10,000	
Jacobs Post-Vendor Monitoring							8	8			16	\$ 3,737	\$ 2,000	
City Training				8			8				16	\$ 4,408		
Compiling Updating O&M Manual		2	20	8			10				40	\$ 10,210	\$ 250	
1-day/mo Support (four months)					32		32				64	\$ 17,601	\$ 10,000	
Spring 2025 Shutdown Support					8		8				16	\$ 4,453	\$ 2,000	
Fall 2025 Statup Support					8		8				16	\$ 4,453	\$ 2,000	
As-Needed Operation Support				6			14				20	\$ 5,510	\$ 2,000	
											0	\$ -		
		44	78	40	88	10	150	68	6	10	450	\$ 124,865	\$ 51,350	\$ 176,215
												Labor:	\$	124,865
												Subconsultants:	\$	22,500
												Expenses:	\$	28,850
												Markup on Expenses:	\$	2,250
												Grand Total:	\$	178,465



Staff Report – Consent Agenda

January 20, 2026 Council Regular Meeting

Approve Change Order No. 2 Advanced Excavation Specialist NW Pacific Rim Drive Pavement and ADA Improvements and Accept Project as Complete (Submitted by Justin Monsrud, Engineer III)

Phone	Email
360.817.7232	jmonsrud@cityofcamas.us

BACKGROUND:

The NW Pacific Rim Drive Pavement and ADA Improvements Project includes pavement preservation and targeted ADA accessibility upgrades along two segments of NW Pacific Rim Drive (NW Parker Street to NW 27th Avenue, and NW Knapp Lane to NW Endicott Lane). Work generally includes pavement rehabilitation (milling and paving), cement amended subgrade where needed, curb/sidewalk improvements, installation of ADA-compliant curb ramps, traffic control, and permanent striping.

In May Staff held a public bid opening for the NW Pacific Rim Drive Pavement and ADA Improvement Project. The City received a total of six bids with prices ranging from \$718,000 to \$974,726. The Engineers Estimate for the project was \$906,761. Council awarded the low bid to Advanced Excavation Specialists (AES) in the amount of \$718,000 at the June 2, 2025 regular meeting.

In October 2025, Council authorized Change Order No. 1, increasing the contract total from \$718,000 to \$909,719.24. The change order incorporated three key scope items: (1) the addition of Forta-Fi reinforced asphalt fibers to improve rut resistance and extend pavement life, (2) installation of 25 MPH thermoplastic speed symbols to supplement improved mid-block crossings and support speed management, and (3) an extension of project limits by approximately 800 lineal feet to include pavement restoration on NW Endicott and NW 37th Avenue west of NW Dahlia Drive. Staff recommended extending the work to take advantage of favorable bid unit pricing and available budget while addressing additional roadway segments that had reached the end of their useful life.

SUMMARY:

Change Order No. 2 in the amount of \$21,798.00 represents the final bid item quantity reconciliation for the project. As is typical for unit price public works contracts, final quantities are measured and verified in the field, and this change order reflects the final bid item overruns/underruns required to complete the work. The revised final contract amount will be \$931,517.24.

Per Resolution No. 25-006, staff shall proceed to council for approval of expenses greater than 10% of the original contract amount. This contract's total change orders to date are 29% of original contract amount.

Staff is recommending approval of Change Order No.2 and to accept this project as complete (final acceptance of public works project).

BENEFITS TO THE COMMUNITY:

Favorable pricing and increased preservation budget in 2025 have allowed additional preservation to be completed benefiting all road users.

STRATEGIC PLAN:

This work aligns with the Strategic Plan Goal of Stewardship of City Assets.

BUDGET IMPACT:

There are sufficient funds within the 2025 Pavement Preservation budget to cover this expense. Below is the breakdown of project costs:

Preservation Fund:

2025 Preservation Budget:	\$3,277,468.00
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Design and Construction Expenses

Consultant Design (AKS Engineering PSA):	\$104,792.20
Public Advertisement for Bidding:	\$61.25
Original Construction Contract	\$718,000.00
Change Order No.1	\$191,719.24
Change Order No.2	\$21,798.00
Total Pacific Rim Project Cost	\$1,036,370.7

Other Preservation Projects Total	\$1,661,097.3
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Total Preservation Projects 2025 Expenditures	\$2,697,468.00
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*Note total 2025 budget for Preservation Program included numerous projects across City Limits. Total projects cost including this item totaled \$2,697,468 in 2025. The budget remainder of \$580,000 will be carried forward into the 2026 preservation budget.

RECOMMENDATION:

Staff recommends approval of this change order and to accept project as complete.

Original Bid Work Limits Below (Segment 1 & 2):

Segment 1: NW Pacific Rim Drive from NW Parker to NW 27th AVE.



Segment 2: NW Pacific Rim Drive from NW Knapp Lane to NW Endicott



Additional Scope to Contract (Change Order 1 and 2) Limits Below

Segment 3: Additional Roadway rehabilitation

NW Endicott from NW Pacific Rim Drive to NW 37th AVE

NW 37th AVE from NW Endicott to NW Dahlia Drive



Segment 1 Completion & Construction Photos:

NW Pacific Rim Drive from NW Parker to NW 27th AVE.



New Wearing Surface placed in Two Lifts



Segment 2 Construction and Completion Photos:

Segment 2: NW Pacific Rim Drive from NW Knapp Lane to NW Endicott

Cement Amended Subgrade to Stabilize road base.



Segment 2 Construction and Completion Photos:

Segment 2: NW Pacific Rim Drive from NW Knapp Lane to NW Endicott

Top Lif of HMA prior to Striping



Segment 3 Construction and Completion Photos

NW Endicott from NW Pacific Rim Drive to NW 37th AVE

NW 37th AVE from NW Endicott to NW Dahlia Drive

Completed HMA Surface



Segment 3 Construction and Completion Photos

NW Endicott from NW Pacific Rim Drive to NW 37th AVE

NW 37th AVE from NW Endicott to NW Dahlia Drive

ADA Curb Ramp and Crosswalk Improvement





City of Camas
Contract Change Order

Item 4.

Change Order No. 2**Date: 12-15-2025**

Contract For: STR25002A NW PACIFIC RIM DR PAVEMENT IMPROVEMENTS
Prime Contractor: ADVANCE EXCAVATION SPECIALISTS

You are hereby requested to comply with the following changes from the contract plans and specifications:

Item	Description of Changes	QTY	Unit	Unit Cost	Decrease in Contract Price	Increase in Contract Price
	Total Bid Item Overruns	1	LS	\$21,798.00		\$21,798.00

Subtotal:	\$21,798.00
8.6% Sales Tax	EXEMPT
Total	\$21,798.00
Net Change in Contract Price:	\$21,798.00

Contract Change Orders for this project =29% of original contract total
 (Original Contract Total=\$718,000.00 the Revised Contract Total is \$931,517.24)

Item 1: Below bid items had final work quantities greater than original contract. All work was requested by Owner to complete additional backlogged street maintenance:

#6 Flaggers, #9 Removal of add. Cement Concrete Sidewalk, #10 Removal of add. Cement Concrete Curb, #11 Roadway Excavation Incl. Haul, #12 Removal and Replacement of Unsuitable Material Incl. Haul, #15 HMA Class 1/2" PG 64-22, #16 Planning Bituminous Pavement Incl. haul, #17 Adjust Catch basin, #18 Adjust Rim and Cover, #23 Cement Conc. Traffic Curb, #25 Detectable Warning Surface, #26 Cement Concrete Sidewalk, #28 Cement Conc. Planter Strip Fill, #31 Plastic Line Double Yellow Centerline, #32 White Solid Lane Line, #33 Plastic Crosswalk line.

The contractor agrees to hold unit price for these bid items.

The amount of the contract will be **increased** by the sum of: Twenty-One Thousand Seven Hundred Ninety-Eight and 00/100 dollars (\$21,798.00).



City of Camas
Contract Change Order

The contract total, including the original contract total, this and previous change orders will be **increased** to Nine Hundred Thirty One Thousand Five Hundred Seventeen and 24/100 Dollars (\$931,517.24)

The contract completion date will remain the same.

This document will become a supplement to the contract and all provisions will apply hereto.

Requested	Signed by: <i>Justin Monsrud</i>	12/16/2025
	8E63FE547053B443... Project Engineer	Date
Reviewed	<i>James Hodges</i>	12/16/2025
	56535C7120484C6... Project Manager	Date
Accepted	<i>Chad Korabangle</i>	12/23/2025
	C4D326FEFA4B28489... Signed by:	Date
Approved	<i>Scott Collins</i>	12/23/2025
	C4D326FEFA4B28489... Public Works Director	Date

CITY OF CAMAS PROJECT NO.STR25002A NW Pacific Rim Drive Pavement and ADA Improvements			PAY ESTIMATE: Three FINAL PAY PERIOD: 10/01/2025 to 11/30/2025				Advanced Excavating Speciliasts 1200 Hazel Street Kelso, WA 98626 360-232-8854				
			ORIGINAL CONTRACT AMOUNT: \$ 718,000.00								
ITEM NO.	DESCRIPTION	UNIT	ORIGINAL QUANTITY	UNIT PRICE	CONTRACT TOTAL	QUANTITY PREVIOUS	TOTAL PREVIOUS	QUANTITY THIS EST.	TOTAL THIS EST.	QUANTITY TO DATE	TOTAL TO DATE
Schedule A - Street											
1	Construction Surveying	LS	1	\$14,000.00	\$14,000.00	1.00	\$14,000.00		\$0.00	1.00	\$14,000.00
2	Construction Documentation (minimum bid \$25,000)	LS	1	\$25,000.00	\$25,000.00	0.00	\$0.00	1.00	\$25,000.00	1.00	\$25,000.00
3	Minor Change (minimum bid \$5,000)	LS	1	\$5,000.00	\$5,000.00	0.00	\$0.00		\$0.00	0.00	\$0.00
4	Mobilization	LS	1	\$23,555.00	\$23,555.00	1.00	\$23,555.00		\$0.00	1.00	\$23,555.00
5	Project Temporary Traffic Control	LS	1	\$7,000.00	\$7,000.00	0.95	\$6,650.00		\$0.00	0.95	\$6,650.00
6	Flaggers	HOURL	400	\$80.00	\$32,000.00	922.50	\$73,800.00		\$0.00	922.50	\$73,800.00
7	Clearing and Grubbing	LS	1	\$2,000.00	\$2,000.00	1.00	\$2,000.00		\$0.00	1.00	\$2,000.00
8	Removal of Structures and Obstructions	LS	1	\$5,000.00	\$5,000.00	1.00	\$5,000.00		\$0.00	1.00	\$5,000.00
9	Removal of Additional Cement Concrete Sidewalk	SY	55	\$25.00	\$1,375.00	81.00	\$2,025.00		\$0.00	81.00	\$2,025.00
10	Removal of Additional Cement Concrete Curb	LF	60	\$20.00	\$1,200.00	174.00	\$3,480.00		\$0.00	174.00	\$3,480.00
11	Roadway Excavation, Incl. Haul	CY	934	\$30.00	\$28,020.00	958.00	\$28,740.00		\$0.00	958.00	\$28,740.00
12	Removal and Replacement of Unsuitable Material Incl Haul	CY	10	\$150.00	\$1,500.00	222.00	\$33,300.00		\$0.00	222.00	\$33,300.00
13	Cement Amended Subrage (CAS)	SY	8,429	\$7.00	\$59,003.00	8,429.00	\$59,003.00		\$0.00	8429.00	\$59,003.00
14	Cement for CAS	TON	280	\$210.00	\$58,800.00	255.25	\$53,602.50		\$0.00	255.25	\$53,602.50
15	HMA Class 1/2" PG 64-22	TON	2,320	\$115.00	\$266,800.00	2,833.17	\$325,814.55		\$0.00	2833.17	\$325,814.55
16	Planing Bituminous Pavement Incl. Haul	SY	3,739	\$8.00	\$29,912.00	6,766.00	\$54,128.00		\$0.00	6766.00	\$54,128.00
17	Adjust Catch Basin	EA	1	\$1,500.00	\$1,500.00	2.00	\$3,000.00		\$0.00	2.00	\$3,000.00
18	Adjust Rim and Cover	EA	55	\$450.00	\$24,750.00	59.00	\$26,550.00		\$0.00	59.00	\$26,550.00
19	Adjust Water Meter Service and Box	EA	1	\$1,000.00	\$1,000.00	1.00	\$1,000.00		\$0.00	1.00	\$1,000.00
20	Erosion Control and Water Pollution Control	LS	1	\$5,000.00	\$5,000.00	0.95	\$4,750.00		\$0.00	0.95	\$4,750.00
21	Roadside Restoration	LS	1	\$3,000.00	\$3,000.00	0.50	\$1,500.00		\$0.00	0.50	\$1,500.00
22	Cement Concrete Pedestrian Curb	LF	344	\$65.00	\$22,360.00	328.00	\$21,320.00		\$0.00	328.00	\$21,320.00
23	Cement Concrete Traffic Curb and Gutter	LF	364	\$65.00	\$23,660.00	447.00	\$29,055.00		\$0.00	447.00	\$29,055.00
24	Cement Concrete Curb Ramp	SY	208	\$150.00	\$31,200.00	190.00	\$28,500.00		\$0.00	190.00	\$28,500.00
25	Detectable Warning Surface	SF	120	\$50.00	\$6,000.00	162.00	\$8,100.00		\$0.00	162.00	\$8,100.00
26	Cement Concrete Sidewalk	SY	95	\$175.00	\$16,625.00	139.00	\$24,325.00		\$0.00	139.00	\$24,325.00
27	Asphalt Sidewalk- 3" thick	SY	26	\$65.00	\$1,690.00	26.00	\$1,690.00		\$0.00	26.00	\$1,690.00
28	Cement Concrete Planter Strip Fill	SY	14	\$175.00	\$2,450.00	15.50	\$2,712.50		\$0.00	15.50	\$2,712.50
29	Sign Remove and Replace	EA	3	\$1,200.00	\$3,600.00	3.00	\$3,600.00		\$0.00	3.00	\$3,600.00
30	Plastic Traffic Arrow	EA	3	\$500.00	\$1,500.00	3.00	\$1,500.00		\$0.00	3.00	\$1,500.00
31	Paint line- Double Yellow Centerline	LF	180	\$6.00	\$1,080.00	245.00	\$1,470.00		\$0.00	245.00	\$1,470.00
32	Paint Line- White Solid Lane Line (8" width)	LF	210	\$6.00	\$1,260.00	216.00	\$1,296.00		\$0.00	216.00	\$1,296.00
33	Plastic Crosswalk Line	SF	672	\$15.00	\$10,080.00	784.00	\$11,760.00		\$0.00	784.00	\$11,760.00
34	Plastic Stop Line (12" width)	LF	72	\$15.00	\$1,080.00	59.00	\$885.00		\$0.00	59.00	\$885.00
SUBTOTAL:					\$718,000.00		\$858,111.55		\$25,000.00		\$883,111.55
Sales Tax (Exempt):					\$0.00		\$0.00		\$0.00		\$0.00
Total:					\$718,000.00		\$858,111.55		\$25,000.00		\$883,111.55

Item 4.

CITY OF CAMAS PROJECT NO.STR25002A NW Pacific Rim Drive Pavement and ADA Improvements			PAY ESTIMATE: Three FINAL PAY PERIOD: 10/01/2025 to 11/30/2025				Advanced Excavating Speciliasts 1200 Hazel Street Kelso, WA 98626 360-232-8854				
			ORIGINAL CONTRACT AMOUNT: \$ 718,000.00								
ITEM NO.	DESCRIPTION	UNIT	ORIGINAL QUANTITY	UNIT PRICE	CONTRACT TOTAL	QUANTITY PREVIOUS	TOTAL PREVIOUS	QUANTITY THIS EST.	TOTAL THIS EST.	QUANTITY TO DATE	TOTAL TO DATE

Change Order #1											
ITEM NO.	DESCRIPTION	UNIT	ORIGINAL QUANTITY	UNIT PRICE	CONTRACT TOTAL	QUANTITY PREVIOUS	TOTAL PREVIOUS	QUANTITY THIS EST.	TOTAL THIS EST.	QUANTITY TO DATE	TOTAL TO DATE
1	Forta-FI HMA Fiber Reinforcement	TON	2,833.17	\$14.16	\$40,117.69	2,833.17	\$40,117.69		\$0.00	2833.17	\$40,117.69
2	25 MPH Thermoplastic Speed Symbols	LS	1.00	\$8,288.00	\$8,288.00	1.00	\$8,288.00		\$0.00	1.00	\$8,288.00
3	NW 37th to Dahlia Restoration	LS	1.00	\$143,313.55	\$143,313.55	0.00	\$0.00		\$0.00	0.00	\$0.00
SUBTOTAL:					\$191,719.24		\$48,405.69		\$0.00		\$48,405.69
Sales Tax (Exempt):					\$0.00		\$0.00		\$0.00		\$0.00
Total:					\$191,719.24		\$48,405.69		\$0.00		\$48,405.69

Change Order #2											
ITEM NO.	DESCRIPTION	UNIT	ORIGINAL QUANTITY	UNIT PRICE	CONTRACT TOTAL	QUANTITY PREVIOUS	TOTAL PREVIOUS	QUANTITY THIS EST.	TOTAL THIS EST.	QUANTITY TO DATE	TOTAL TO DATE
1	Total Bid Item overruns	LS	1.00	\$21,798.00	\$21,798.00		\$0.00		\$0.00		\$0.00
SUBTOTAL:					\$21,798.00		\$0.00		\$0.00		\$0.00
Sales Tax (Exempt):					\$0.00		\$0.00		\$0.00		\$0.00
Total:					\$21,798.00		\$0.00		\$0.00		\$0.00

			ORIGINAL CONTRACT SUBTOTAL			CONTRACT TOTAL	TOTAL PREVIOUS	TOTAL THIS EST.	TOTAL TO DATE
			ADDITIONS / DELETIONS			\$718,000.00	\$858,111.55	\$25,000.00	\$883,111.55
			SUBTOTAL			\$213,517.24	\$48,405.69	\$0.00	\$48,405.69
			SALES TAX (8.6%) EXEMPT			\$931,517.24	\$906,517.24	\$25,000.00	\$931,517.24
			TOTAL CONTRACT			\$0.00	\$0.00	\$0.00	\$0.00
			LESS 5% RETAINAGE			\$931,517.24	\$906,517.24	\$25,000.00	\$931,517.24
			TOTAL			N/A	\$906,517.24	\$25,000.00	\$931,517.24

act # 1120.06.9120.000.5953000.563000			THIS PAY EST: \$25,000.00					
Retainage bond on file #EACX4025806								
F.I.	Signed by:	12/24/2025	Signed by:	12/24/2025		DocuSigned by:	12/29/2025	
	<div>Justin Monsrud</div>		<div>Chad Korabangh</div>			<div>James Hodges</div>		
	8E63E547953B443		4D326FFA4D28409...			56535C7420464C6		
Project Engineer	Date	Contractor	Date	Project Manager	Date			



Staff Report

January 20, 2026 Council Regular Meeting

NE Hathaway Rd Waterline Replacement Consideration of Bids

Presenter: James Carothers, Engineering Manager / Scott Collins, Public Works Director

Time Estimate: 15 minutes

Phone	Email
360.817.7230	jcarothers@cityofcamas.us

BACKGROUND: The City of Camas operates and maintains the public water system, including transmission and distribution water mains serving residential and commercial customers. The existing water main in the NE Hathaway Road area is an approximately 6-inch diameter potable waterline that has been in service since the early 1960s and currently serves approximately 19 properties.

Due to the age of the pipeline and ongoing maintenance needs, the City identified replacement of this waterline as a priority capital improvement to improve system reliability and reduce the likelihood of service interruptions. In addition, the existing 6-inch line does not provide the desired capacity and operational flexibility for long-term water system performance in this area.

To address these issues, the Hathaway Road Waterline Transmission Project will construct approximately 2,100–2,200 linear feet of new 8-inch ductile iron water main along NE Hathaway Road from SR-500 approximately 2,200 feet east to the roadway dead end. Project work includes installation of the new water main and appurtenances (valves, fittings, hydrants, and connections), as well as roadway restoration, traffic control, and associated construction activities (trenching/shoring, imported materials, compaction, and pavement restoration).

This project will replace aging infrastructure, improve reliability for existing customers, and provide additional system capacity consistent with the City's long-term water system planning.

SUMMARY: On December 18, 2025, the City received nine (9) bids for the Hathaway Road Waterline Replacement project. North Cascade Excavating submitted the apparent low bid in the amount of \$555,083.76, compared to the second-low bid from Grade Werks Excavating LLC of \$674,725.59. The Engineer's Estimate for the project was \$1,021,027.70, and the bid tabulation is attached.

Following the bid opening, the City received a formal bid protest from the second-low bidder, Grade Werks Excavating LLC. Basis for the protest are:

- Submission of a bid bond that fails to state the required dollar amount, rendering the bid bond ambiguous and potentially nonresponsive.
- Failure of lowest bidder to timely submit supplemental bidder responsibility documentation as required by Section 1-02.14 of the Contract Documents.

Staff reviewed the protest in consultation with the City Attorney and evaluated the issues against the Contract Documents and applicable state law. This review focused on whether either issue constituted a material deviation affecting bid responsiveness or bidder responsibility, or whether the items were minor irregularities that may be waived under the City's discretion.

Bid Protest Issue 1 – Bid Bond:

Issue: The bid protest asserts the apparent low bidder's bid should be rejected because the bid bond forms did not include a dollar amount and instead referenced the bid bond as a percentage of the total bid. Specifically, the bidder signed the City's Bid Bond Acknowledgement and selected "Proposal Bond," but left blank the line intended to state the bond amount in dollars. The surety bond document similarly references the bond value as five percent (5%) of the total bid rather than listing a dollar amount.

Staff evaluation: Staff reviewed the City's bid bond requirement and the bid bond documents submitted. The Contract Documents require a bid guaranty in the minimum amount of five percent (5%) of the total bid. The bidder's submission included a signed acknowledgement of the proposal bond requirement and a surety bid bond confirming the bond amount as 5% of the total bid, which provides a determinable amount based on the submitted bid.

In consultation with the City Attorney, staff determined that expressing the bid bond amount as a percentage of the bid does not create uncertainty regarding the City's required security and is a common approach in surety bonding. Because the required amount is readily calculable from the bid total and the bidder provided the required bond form, staff does not consider this issue a material deviation from the bidding requirements.

Staff Recommendation: Staff recommends the bid bond issue does not render the bid nonresponsive and does not warrant rejection of the apparent low bid.

Bid Protest Issue 2 – Supplemental Bidder Criteria:

Issue: The bid protest asserts the apparent low bidder's bid should be rejected because the bidder did not submit the required written statement and supporting documentation demonstrating compliance with Supplemental Responsibility Criteria 2 through 9 by the deadline established in Section 1-02.14 of the Contract Documents. These supplemental criteria address bidder responsibility and past performance, including:

- Delinquent State Taxes

- Subcontractor Responsibility
- Claims Against Retainage and Bonds
- Public Bidding Crime
- Termination for Cause / Default
- Lawsuits
- Contract Time (Liquidated Damages)
- Capacity and Experience

The Contract Documents required the two apparent low bidders to submit this information by 12:00 p.m. on the second business day following the bid deadline, which the lowest bidder did not.

Staff Evaluation: Staff reviewed this issue in consultation with the City Attorney and evaluated it under the Contract Documents and applicable state law. While the apparent low bidder did not timely submit the required written statement and documentation, staff evaluated whether this omission required rejection of the bid or whether the City could make a responsibility determination using other sources of information.

Under RCW 39.04.350(3), if a bidder does not supply requested responsibility information in the time and manner specified, the City may rely on “any available information” to determine whether the bidder meets responsibility criteria. Consistent with this authority, staff relied on available information and completed a responsibility review using the City’s standard bidder responsibility checklist and other accessible records, including verification of the bidder’s:

- UBI registration
- Active L&I account and applicable prevailing wage training status
- Industrial insurance/workers’ compensation coverage
- Proof of insurance
- State debarment status (L&I)
- Department of Revenue account standing
- Federal debarment status (SAM)

In addition, staff reviewed City records and prior project experience and is not aware of performance concerns or any information indicating the apparent low bidder would not meet the supplemental responsibility criteria. Staff further determined the omission did not affect bid pricing, competition, or provide an unfair competitive advantage.

Staff Recommendation: Staff recommends the supplemental responsibility documentation issue does not warrant rejection of the apparent low bid and that the City may proceed with a responsibility determination under RCW 39.04.350(3) using available information.

BENEFITS TO THE COMMUNITY: The project will improve water system capacity and reliability for customers in the Hathaway Road area by replacing aging infrastructure and upsizing the existing water main.

STRATEGIC PLAN: This project aligns with the strategic plan's priority "Stewardship of City Assets" by Investing in critical water infrastructure that enhances system reliability, provides operational flexibility, and supports long-term community growth.

POTENTIAL CHALLENGES: Construction activities will disrupt traffic during construction hours. Camas staff will coordinate with contractor and School District Transportation to keep school traffic flowing.

BUDGET IMPACT: The Hathaway Road Waterline Replacement Project is funded through the Water/Sewer Fund and has a 2026 capital budget of \$1,190,000. Based on the bids received, award to the apparent low bidder would result in an estimated total project cost of \$639,392. If the apparent low bid is rejected and award is made to the second-low bidder, the estimated total project cost would be \$770,999, approximately \$131,607 higher than the low bid option.

Budget:

Hathaway Road Waterline Replacement Project (2026 Capital Budget)	\$ 1,190,000
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Estimated Construction Expenses (Low Bid):

Construction	\$ 555,084
Construction Contingency (10%)	\$ 55,508
<u>Construction Management (Staff Time)</u>	<u>\$ 28,800</u>
Total Estimated Construction Cost	\$ 639,392

Estimated Construction Expenses (2nd Bidder):

Construction	\$ 674,726
Construction Contingency (10%)	\$ 67,473
<u>Construction Management (Staff Time)</u>	<u>\$ 28,800</u>
Total Estimated Construction Cost	\$ 770,999

RECOMMENDATION: Based on staff discussions with the City attorney, it is recommended that Council award the project to North Cascade Excavating. Listed below, however, are three options:

OPTIONS:	RESULTS:
<i>If the Council determines that the protested reasons were a minor irregularity which may be waived as a reserved right to the City, they can award the project to North Cascade Excavating.</i>	<i>Council waives the minor bid irregularities and awards the bid to North Cascade Excavating for the amount of \$555,083.76 and authorizes the Mayor or designee to sign the contract and change orders up to ten percent of the original contract amount.</i>
<i>If the Council determines that the omissions were a major irregularity, they can reject the apparent low bid and award the bid to Grade Werks.</i>	<i>Council rejects the bid of North Cascade Excavating as non-responsive due to a major irregularity and awards the bid to Grade Werks for the amount of \$674,725.59 and authorizes the Mayor or designee to sign the contract and change orders up to ten percent of the original contract amount.</i>
<i>The Council can reject all bids</i>	<i>Direct staff to rebid the project.</i>



I, James Hodges, Capital Projects Manager, hereby certify
that these bid tabulations are correct.

DocuSigned by:

56535C7420464C6...
James Hodges

12/23/2025
Date

Item 6.

PROJECT NO. WTR23012	Engineer's Estimate: \$1,021,027.70	North Cascade Excavating 428 N Pekin Rd Woodland WA 98674 ed@nce.us 360-946-2524	Grade Werks Excavating LLC PO Box 1349 Battle Ground WA 98604 info.gwe@yahoo.com 360-888-5805	KKLA Contractors 15610 SE 135th Ave Clackamas OR 97015 kwardius@aol.com 503-307-9130	SLE Inc 6000 NE 88th St Ste B101 Vancouver WA 98665 estimating@sleinc.biz 360-687-5465	Rotschy Inc 7408 NE 113th Circle Vancouver WA 98662 estimator@rotschyinc.com 360-334-3100	Nutter Corporation 7211 NE 43rd Ave Vancouver WA 98661 bids@nuttercorp.com 360-907-9405	Advanced Excavating Specialists LLC 1200 Hazel St Kelso WA 98626 chad@advexc.us 360-232-8854	Wickwire Contracting LLC 84904 Edenvale Rd Pleasant Hill OR 97455 tanner@wickwirecontracting.com 541-852-7525	Dirt and Aggregate Interchange Inc 20905 NE Sandy Blvd D Fairview OR 97024 contractor@dirtagg.com 503-661-5093
DESCRIPTION: Hathaway Rd Waterline Replacement	Ent. By MP									
DATE OF BID OPENING: December 18, 2025 @ 9:00 AM										

ITEM NO	DESCRIPTION	UNIT	QTY	UNIT PRICE	ENGRG TOTAL	UNIT PRICE	CONTRACT TOTAL	UNIT PRICE	CONTRACT TOTAL	UNIT PRICE	CONTRACT TOTAL	UNIT PRICE	CONTRACT TOTAL	UNIT PRICE	CONTRACT TOTAL	UNIT PRICE	CONTRACT TOTAL	UNIT PRICE	CONTRACT TOTAL	UNIT PRICE	CONTRACT TOTAL	UNIT PRICE	CONTRACT TOTAL
1	Construction Documentation	LS	1	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	
2	Survey (S.P. 1-05.4(2))	LS	1	\$15,000.00	\$15,000.00	\$2,500.00	\$2,500.00	\$4,250.00	\$4,250.00	\$4,300.00	\$4,300.00	\$4,400.00	\$4,400.00	\$11,000.00	\$11,000.00	\$4,000.00	\$4,000.00	\$6,300.00	\$6,300.00	\$5,000.00	\$5,000.00	\$5,200.00	\$5,200.00
3	SPCC Plan (S.P. 1-07.15)	LS	1	\$3,000.00	\$3,000.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$1,200.00	\$1,200.00	\$500.00	\$500.00	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00	\$200.00	\$200.00	\$2,000.00	\$2,000.00	\$1,220.00	\$1,220.00
4	Mobilization, Cleanup and Demobilizations (S.P. 1-09.7)	LS	1	\$100,000.00	\$100,000.00	\$33,000.00	\$33,000.00	\$45,000.00	\$45,000.00	\$35,000.00	\$35,000.00	\$28,000.00	\$28,000.00	\$73,218.00	\$73,218.00	\$74,000.00	\$74,000.00	\$38,750.00	\$38,750.00	\$47,000.00	\$47,000.00	\$57,000.00	\$57,000.00
5	Temporary Traffic Control and Signing (S.P. 1-04.4)	LS	1	\$15,000.00	\$15,000.00	\$800.00	\$800.00	\$3,500.00	\$3,500.00	\$4,300.00	\$4,300.00	\$8,400.00	\$8,400.00	\$7,000.00	\$7,000.00	\$10,000.00	\$10,000.00	\$8,250.00	\$8,250.00	\$5,500.00	\$5,500.00	\$45,000.00	\$45,000.00
6	Flaggers (S.P. 1-10.5(2))	HR	900	\$70.00	\$63,000.00	\$65.00	\$58,500.00	\$70.00	\$63,000.00	\$70.00	\$63,000.00	\$85.00	\$76,500.00	\$60.00	\$54,000.00	\$75.00	\$67,500.00	\$78.50	\$70,650.00	\$80.00	\$72,000.00	\$80.00	\$72,000.00
7	PCMS (S.P. 1-10.3)	DAYS	90	\$100.00	\$9,000.00	\$72.00	\$6,480.00	\$75.00	\$6,750.00	\$104.00	\$9,360.00	\$108.00	\$9,720.00	\$86.00	\$7,740.00	\$50.00	\$4,500.00	\$27.00	\$2,430.00	\$200.00	\$18,000.00	\$1,830.00	\$164,700.00
8	Removal of Structure and Obstructions (S.P. 2-02.5)	LS	1	\$10,000.00	\$10,000.00	\$5,500.00	\$5,500.00	\$3,150.00	\$3,150.00	\$3,190.00	\$3,190.00	\$3,000.00	\$3,000.00	\$3,500.00	\$3,500.00	\$20,000.00	\$20,000.00	\$26,340.00	\$26,340.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
9	Sawcutting (S.P. 2-02.5)	LF	5,000	\$3.00	\$15,000.00	\$0.50	\$2,500.00	\$2.65	\$13,250.00	\$3.00	\$15,000.00	\$1.00	\$5,000.00	\$0.50	\$2,500.00	\$2.00	\$10,000.00	\$0.55	\$2,750.00	\$5.00	\$25,000.00	\$2.44	\$12,200.00
10	Control density Fill (S.P. 2-09.5)	CY	10	\$200.00	\$2,000.00	\$190.00	\$1,900.00	\$250.00	\$2,500.00	\$300.00	\$3,000.00	\$365.00	\$3,650.00	\$440.00	\$4,400.00	\$300.00	\$3,000.00	\$662.00	\$6,620.00	\$200.00	\$2,000.00	\$329.40	\$3,294.00
11	Locate Existing Utilities (S.P. 2-09.5)	LS	1	\$10,000.00	\$10,000.00	\$5,500.00	\$5,500.00	\$6,500.00	\$6,500.00	\$12,000.00	\$12,000.00	\$2,500.00	\$2,500.00	\$6,000.00	\$6,000.00	\$15,000.00	\$15,000.00	\$6,800.00	\$6,800.00	\$3,500.00	\$3,500.00	\$6,900.00	\$6,900.00
12	Removal and Replacement of Unsuitable Materials (Pipe Trench)	CY	20	\$150.00	\$3,000.00	\$120.00	\$2,400.00	\$115.00	\$2,300.00	\$200.00	\$4,000.00	\$115.00	\$2,300.00	\$80.00	\$1,600.00	\$95.00	\$1,900.00	\$150.00	\$3,000.00	\$150.00	\$3,000.00	\$250.00	\$5,000.00
13	HMA C1 1/2" PG 64-22 overlay (S.P. 5-04.5)	TON	450	\$150.00	\$67,500.00	\$120.00	\$54,000.00	\$150.00	\$67,500.00	\$131.00	\$58,950.00	\$132.00	\$59,400.00	\$155.00	\$69,750.00	\$152.00	\$68,400.00	\$180.00	\$81,000.00	\$171.00	\$76,950.00	\$146.40	\$65,880.00
14	Temporary HMA C1 1/2" PG64-22 (S.P. 5-04.5)	TON	150	\$100.00	\$15,000.00	\$170.00	\$25,500.00	\$165.00	\$24,750.00	\$180.00	\$27,000.00	\$155.00	\$23,250.00	\$220.00	\$33,000.00	\$130.00	\$19,500.00	\$225.00	\$33,750.00	\$165.00	\$24,750.00	\$183.00	\$27,450.00
15	Planing Bituminous Pavement (S.P. 5-04.5)	SY	2,600	\$8.00	\$20,800.00	\$2.50	\$6,500.00	\$6.00	\$15,600.00	\$6.50	\$16,900.00	\$3.00	\$7,800.00	\$3.50	\$9,100.00	\$6.00	\$15,600.00	\$6.80	\$17,680.00	\$6.00	\$15,600.00	\$8.54	\$22,204.00
16	Trench Excavation Safety System (S.P. 7-09.5)	LS	1	\$8,000.00	\$8,000.00	\$800.00	\$800.00	\$500.00	\$500.00	\$4,300.00	\$4,300.00	\$2,200.00	\$2,200.00	\$3,400.00	\$3,400.00	\$2,500.00	\$2,500.00	\$1,625.00	\$1,625.00	\$1,000.00	\$1,000.00	\$7,320.00	\$7,320.00
17	DI Water pipe for Water Main, 8 inch Diam. Incl. Fittings (S.P. 7-09.5)	LF	2,200	\$200.00	\$440,000.00	\$95.00	\$209,000.00	\$117.00	\$257,400.00	\$118.00	\$259,600.00	\$139.00	\$305,800.00	\$126.00	\$277,200.00	\$120.00	\$264,000.00	\$142.00	\$312,400.00	\$160.00	\$352,000.00	\$171.44	\$377,168.00
18	Additional Ductile Iron Fittings (S.P. 7-09.5)	LB	500	\$5.00	\$2,500.00	\$4.00	\$2,000.00	\$8.00	\$4,000.00	\$7.40	\$3,700.00	\$5.00	\$2,500.00	\$2.75	\$1,375.00	\$8.00	\$4,000.00	\$5.00	\$2,500.00	\$4.00	\$2,000.00	\$8.09	\$4,045.00
19	Connection to the Existing Water Main (S.P.7-09.5)	LS	1	\$5,000.00	\$5,000.00	\$1,300.00	\$1,300.00	\$4,500.00	\$4,500.00	\$4,250.00	\$4,250.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$1,725.00	\$1,725.00	\$10,000.00	\$10,000.00	\$11,000.00	\$11,000.00
20	Locate Station (S.P. 7-09.5)	EA	2	\$350.00	\$700.00	\$95.00	\$190.00	\$700.00	\$1,400.00	\$800.00	\$1,600.00	\$600.00	\$1,200.00	\$270.00	\$540.00	\$1,000.00	\$2,000.00	\$541.00	\$1,082.00	\$500.00	\$1,000.00	\$550.00	\$1,100.00
21	Gate Valves, 8-Inch (S.P. 7-12.5)	EA	2	\$4,000.00	\$8,000.00	\$1,800.00	\$3,600.00	\$2,150.00	\$4,300.00	\$1,955.00	\$3,910.00	\$2,200.00	\$4,400.00	\$2,300.00	\$4,600.00	\$2,000.00	\$4,000.00	\$2,550.00	\$5,100.00	\$1,000.00	\$2,000.00	\$2,355.00	\$4,710.00
22	1" Air/Vacuum Release Valve (S.P. 7-12.5)	EA	1	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$4,500.00	\$4,500.00	\$5,028.00	\$5,028.00	\$2,900.00	\$2,900.00	\$6,400.00	\$6,400.00	\$4,000.00	\$4,000.00	\$4,730.00	\$4,730.00	\$3,200.00	\$3,200.00	\$2,760.00	\$2,760.00
23	Fire Hydrant Assembly (S.P. 7-12.5)	EA	4	\$11,000.00	\$44,000.00	\$7,000.00	\$28,000.00	\$9,000.00	\$36,000.00	\$8,280.00	\$33,120.00	\$8,800.00	\$35,200.00	\$9,000.00	\$36,000.00	\$7,000.00	\$28,000.00	\$9,800.00	\$39,200.00	\$5,000.00	\$20,000.00	\$9,000.00	\$36,000.00
24	Erosion Control and Water Pollution Control (S.P. 8-01.5)	LS	1	\$17,000.00	\$17,000.00	\$150.00	\$150.00	\$2,500.00	\$2,500.00	\$3,200.00	\$3,200.00	\$1,700.00	\$1,700.00	\$5,000.00	\$5,000.00	\$4,000.00	\$4,000.00	\$5,700.00	\$5,700.00	\$2,000.00	\$2,000.00	\$6,150.00	\$6,150.00
25	Roadside Restoration (S.P. 8-02.5)	LS	1	\$5,000.00	\$5,000.00	\$800.00	\$800.00	\$4,500.00	\$4,500.00	\$5,900.00	\$5,900.00	\$4,900.00	\$4,900.00	\$4,500.00	\$4,500.00	\$3,000.00	\$3,000.00	\$6,750.00	\$6,750.00	\$12,000.00	\$12,000.00	\$12,400.00	\$12,400.00
26	Permanent Signing (S.P. 8-22.5)	LS	1	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$100.00	\$100.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$800.00	\$800.00	\$1,000.00	\$1,000.00	\$2,475.00	\$2,475.00	\$3,500.00	\$3,500.00	\$1,830.00	\$1,830.00
27	Plastic Stop Line (S.P. 8-22.5)	LF	15	\$40.00	\$600.00	\$35.00	\$525.00	\$37.00	\$555.00	\$37.00	\$555.00	\$37.00	\$555.00	\$33.00	\$495.00	\$30.00	\$450.00	\$21.00	\$315.00	\$35.00	\$525.00	\$42.70	\$640.50
28	Remove and Reinstall Mailbox (S.P. 8-22.5)	EA	5	\$50.00	\$250.00	\$300.00	\$1,500.00	\$200.00	\$1,000.00	\$500.00	\$2,500.00	\$200.00	\$1,000.00	\$250.00	\$1,250.00	\$500.00	\$2,500.00	\$233.00	\$1,165.00	\$500.00	\$2,500.00	\$366.10	\$1,830.50
29	Paint Line (S.P. 8-22.5)	LF	2,500	\$2.00	\$5,000.00	\$0.75	\$1,875.00	\$1.00	\$2,500.00	\$2.70	\$6,750.00	\$1.00	\$2,500.00	\$0.80	\$2,000.00	\$3.00	\$7,500.00	\$1.10	\$2,750.00	\$1.55	\$3,875.00	\$0.88	\$2,200.00
30	Ductile Iron Fittings (8 inch Pipe Cap)	EA	1	\$1,000.00	\$1,000.00	\$300.00	\$300.00	\$550.00	\$550.00	\$360.00	\$360.00	\$1,600.00	\$1,600.00	\$640.00	\$640.00	\$500.00	\$500.00	\$645.00	\$645.00	\$500.00	\$500.00	\$450.00	\$450.00
31	Ductile Iron Fittings (6 inch Pipe Cap)	EA	1	\$1,000.00	\$1,000.00	\$200.00	\$200.00	\$500.00	\$500.00	\$360.00	\$360.00	\$1,500.00	\$1,500.00	\$570.00	\$570.00	\$500.00	\$500.00	\$145.00	\$145.00	\$500.00	\$500.00	\$375.00	\$375.00
32	Service Connection, 1 inch Diam. (Short Side)	EA	9	\$2,000.00	\$18,000.00	\$2,150.00	\$19,350.00	\$1,950.00	\$17,550.00	\$2,200.00	\$19,800.00	\$1,900.00	\$17,100.00	\$2,200.00	\$19,800.00	\$1,500.00	\$13,500.00	\$1,360.00	\$12,240.00	\$1,000.00	\$9,000.00	\$2,400.00	\$21,600.00
33	Service Connection, 1 inch Diam. (Long Side)	EA	10	\$2,000.00	\$20,000.00	\$2,975.00	\$29,750.00	\$2,000.00	\$20,000.00	\$2,575.00	\$25,750.00	\$2,000.00	\$20,000.00	\$2,600.00	\$26,000.00	\$2,000.00	\$20,000.00	\$2,210.00	\$22,100.00	\$3,000.00	\$30,000.00	\$2,700.00	\$27,000.00

Subtotal Schedule A -	\$935,350.00	\$514,920.00	\$625,905.00	\$643,883.00	\$649,975.00	\$686,378.00	\$688,850.00	\$732,167.00	\$765,900.00	\$1,016,627.00
Sales Tax (7.8%)	\$72,957.30	\$40,163.76	\$48,820.59	\$50,222.87	\$50,698.05	\$53,537.48	\$53,730.30	\$57,109.03	\$59,740.20	\$79,296.91
Total Schedule A -	\$1,008,307.30	\$555,083.76	\$674,725.59	\$694,105.87	\$700,673.05	\$739,915.48	\$742,580.30	\$789,276.03	\$825,640.20	\$1,095,923.91