



DAN JOHNSON
DIRECTOR

DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
DEVELOPMENT SERVICES BUILDING
150 BEAVERCREEK ROAD OREGON CITY, OR 97045

December 18, 2025

BCC Agenda Date/Item: _____

Board of County Commissioners
Clackamas County

Approval of an Intergovernmental Agreement with the City of Molalla for the Bear Creek Culvert Project and to transfer maintenance responsibility of a portion of S Molalla Avenue. Agreement Value is approximately \$1,815,000 for 2 years. Funding is through the City of Molalla. No County General Funds are involved.

Previous Board Action/Review	10/09/2025: Approval of a Resolution Declaring the Public Necessity and Purpose for the Acquisition of Rights of Way, Easements, and Fee Property, and Authorizing Good Faith Negotiations and, if necessary, Condemnation Proceedings, for the Bear Creek Culvert & Molalla Ave Shoulders Project. 07/25/2024: Approval of Engineering and Related Services Contract with RS&H Inc. for the Bear Creek Bridge and Molalla Ave Shoulders Project.		
Performance Clackamas	This project will provide strong infrastructure.		
Counsel Review	Yes	Procurement Review	No
Contact Person	Jordan Cools	Contact Phone	503-742-4654

EXECUTIVE SUMMARY: Located in a rural setting just south of the City of Molalla, Molalla Avenue experiences periodic flooding at Bear Creek where the existing culvert is undersized. This project will replace the existing culvert to reduce flooding and construct a roadway section meeting current design standards to allow for future growth and development. Also, the project will make needed improvements to the roadside shoulder along Molalla Avenue from the southerly extents of Molalla City Limits to Sawtell Road to the south. As part of the project and in partnership with the City of Molalla, the project will replace the City's adjacent sanitary pump station. Upon project completion, the road jurisdiction of S Molalla Avenue will be transferred to the City of Molalla through the intersection of S Molalla Forest Road. The total length of the project is just over half of a mile.

The Intergovernmental Agreement (IGA) commits the City of Molalla to reimburse the County for costs associated with the actual cost of construction for the pump station replacement in the amount equal to 61% of the accepted bid value pursuant to the terms of the IGA. The City will provide inspection services for construction of the pump station

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replacement. The engineer's estimated construction cost of the sanitary pump station replacement is \$1,800,000, which includes a 15 percent contingency, and the County's administrative cost to incorporate the City's project is estimated to be \$15,000. The IGA would only need to be amended in the future if costs are above the engineer's estimates including contingencies and if mutually agreed upon by the City and the County.

Clackamas County currently has jurisdiction, including permitting authority, enforcement of road standards and maintenance responsibility of Molalla Avenue. This IGA addresses transferring rights and duties as "road authority," including permitting authority, development of road standards, and maintenance responsibility to the City for a portion of S Molalla Avenue after completion of the project. Transferring the rights and duties as road authority for this portion of Molalla Avenue to the City will eliminate confusion and improve efficiencies of maintenance and public service. After completion of the project, the City will be responsible for all construction and reconstruction; improvement or repair and maintenance; review and issuance of access permits; establishment of roadway standards; acquisition of right of way; storm water and drainage facility repair and maintenance; and review and issuance of street opening permits within the public right-of-way. The County will retain official jurisdiction of this portion of the roadway until jurisdiction of Molalla Avenue should transfer to the City of Molalla pursuant to the terms of the IGA.

The attached IGA was approved by Molalla City Council at their Council Meeting on November 12, 2025 (signed November 13, 2025).

RECOMMENDATION: Staff respectfully recommends that the Board of County Commissioners approve the attached Intergovernmental Agreement between Clackamas County and the City of Molalla related to the Bear Creek Culvert & Molalla Ave Shoulders Project including the City pump station replacement and related to the transfer of rights and duties as road authority for a portion of S Molalla Ave to the City.

And

Respectfully submitted,

Dan Johnson

Dan Johnson, Director
Department of Transportation & Development



RESOLUTION NO. 2025-23

**A RESOLUTION OF THE CITY OF MOLALLA, OREGON
AUTHORIZING AN INTERGOVERNMENTAL AGREEMENT WITH CLACKAMAS
COUNTY RELATING TO THE BEAR CREEK CULVERT REPLACEMENT
AND MOLALLA AVE SHOULDERS IMPROVEMENT PROJECT
AND THE TRANSFER OF RESPONSIBILITY FOR AND JURISDICTION
OVER A PORTION OF S MOLALLA AVENUE.**

WHEREAS, S Molalla Ave from the City limits south to Molalla Forest Road is currently under the jurisdiction of Clackamas County; and

WHEREAS, S Molalla Ave from the City limits south to Molalla Forest Road has been identified as being suitable for transfer to the City of Molalla upon completion of certain improvements; and
WHEREAS, the improvements necessary to render the road suitable for transfer are contemplated by the proposed agreement; and

WHEREAS, ORS 190 authorizes the City of Molalla and the County of Clackamas to enter into agreements to perform public functions and transfer responsibilities as needed.

Now, Therefore, the City of Molalla Resolves:

Section 1. The Intergovernmental Agreement attached hereto as Exhibit 1 is made a part of this resolution by reference, approved by the City Council, and authorized for signature by the Mayor.

Section 2. Effective Date. This Resolution shall be effective upon adoption.

Signed this 12th day of November 2025.



Scott Keyser, Mayor

ATTEST:



Christie Teets, CMC
City Recorder

Christie Teets, CMC
City Recorder

**INTERGOVERNMENTAL AGREEMENT BETWEEN THE CITY OF MOLALLA AND
CLACKAMAS COUNTY RELATING TO THE BEAR CREEK CULVERT
REPLACEMENT AND MOLALLA AVE SHOULDERS IMPROVEMENT PROJECT
AND THE TRANSFER OF RESPONSIBILITY FOR AND JURISDICTION OVER A
PORTION OF S MOLALLA AVENUE**

This Agreement is made between the City of Molalla, a municipal corporation of the State of Oregon (the “City”), and Clackamas County, a political subdivision of the State of Oregon (the “County”), collectively referred to as the “Parties” and each a “Party.”

RECITALS

1. ORS 190.010 authorizes local governments to enter into intergovernmental agreements for the performance of any or all functions and activities that a local government or its officers or agencies have the authority to perform.
2. S Molalla Avenue, currently labeled as county road no. 42045, is a county road, as defined in ORS 368.001.
3. The County is currently undertaking the Bear Creek Culvert Replacement and Molalla Ave Shoulders Improvement Project, which will replace the Bear Creek culvert and improve the shoulders along S Molalla Avenue from S Sawtell Road to the City’s boundary (the “County Project”);
4. The City is currently undertaking the S Molalla Pump Station Upgrade Project (#2501), which will replace the existing City sanitary pump station located along S Molalla Avenue north of Bear Creek (the “City Pump Station Upgrade Project”).
5. Both the County Project and the City Pump Station Upgrade Project are within the area depicted on Exhibit “C,” attached hereto and incorporated herein by this reference.
6. The County is willing to cooperate with the City and to incorporate the City Pump Station Upgrade Project into the County Project subject to the terms of this Agreement.
7. The City has also completed the S Molalla Avenue Waterline Extension Project, which replaced and extended the water main and service connections on S Molalla Avenue from 5th Street to S Molalla Forest Road (the “City Waterline Project”).
8. In light of the City Waterline Project, and upon completion of the County Project and the City Pump Station Upgrade Project, the City is best suited to acquire permitting and maintenance responsibility for the portion of S Molalla Avenue described in Exhibit “A” and depicted in Exhibit “B” attached hereto and incorporated herein by this reference (the “Transfer Area”).
9. The City is best suited to acquire jurisdiction over the Transfer Area once it is annexed into the City’s boundary.

10. ORS 373.270 provides a mechanism for a county to surrender jurisdiction over a county road within a city to the city, provided the city requests or accepts such jurisdiction.

AGREEMENT

The Parties agree as follows:

1. **Term.** This Agreement shall be effective on the last day of signature by a Party indicated below and shall expire automatically at the time the City accepts jurisdiction over the Transfer Area pursuant to ORS 373.270.

2. **City Responsibilities.**

- A. **County Project and City Pump Station Upgrade Project.**

- i. **Plan Submittal and Bid Document Certification.** The City shall submit to the County final signed and stamped plans, special provisions, and a bid schedule for the City Pump Station Upgrade Project. The City shall review the bid documents produced by the County in connection with the County Project to identify any changes required to meet the City's needs for the City Pump Station Upgrade Project. The City shall certify in writing that the bid documents produced by the County are satisfactory in all respects, which certification shall not be unreasonably withheld.
 - ii. **Bidding Assistance.** The City shall assist the County when necessary in developing bid and contract documents and in responding to requests for information from bidders and contractors. The City shall provide comments and information, as requested by the County, for purposes of carrying out this Agreement.
 - iii. **Unacceptable Bids.** The City shall be bound by the winning bid resulting from the County's procurement process unless the County determines that the winning bid is unacceptable. Bids that exceed the cost estimate shown in Exhibit "D," attached hereto and incorporated herein by this reference, by 20% or more are deemed to be unacceptable unless the Parties mutually agree to proceed with those bids.
 - iv. **Inspections and Testing.** The City shall be responsible for contractor submittal reviews, field inspections, and material testing related to the City Pump Station Upgrade Project. The City shall track quantities for payment and take daily inspection notes for each day the contractor completes City Pump Station Upgrade Project work. The City shall provide copies of its inspection notes to the County on a weekly basis. It is estimated that the City Pump Station Upgrade Project elements will require a minimum of 12 weeks to complete and that the City inspector will be present 80% of this time. The City and the County shall jointly participate in a final walkthrough and generation of punch list items.

- v. **As-Built Drawings.** The City shall provide construction as-built drawings of the City Pump Station Upgrade Project to reflect changes made during construction. The as-built drawings shall be generated from contractor and inspector notes. A new survey shall not be completed. The City shall provide digital CAD and PDF files to the County.
- vi. **Project Cost.** The City shall be responsible for paying sixty-one percent (61%) of the winning bid value excluding Extra Work as Authorized for change orders and overruns related to the City Pump Station Upgrade Project. The City shall also be responsible for all administrative costs the County incurs in connection with the City Pump Station Upgrade Project, not to exceed Fifteen Thousand Dollars (\$15,000.00). Where the contractor requests a change order, the City shall be responsible for additional costs associated with the change order as determined by the County.
- vii. **Payments.** The City shall pay the County within thirty (30) days of receiving an invoice from the County.

B. Transfer of Responsibility.

- i. Once the County Project and the City Pump Station Upgrade Project are completed, the City shall assume responsibility for Road Authority activities (described in Section 2.B.v below) within the Transfer Area.
- ii. The City shall carry out Road Authority activities within the Transfer Area in a manner that is similar to other roads with similar features, functions, and characteristics under the City's jurisdiction.
- iii. The City shall be solely responsible for all costs associated with Road Authority activities within the Transfer Area.
- iv. **Road Authority Activities.** For purposes of this Agreement, "Road Authority activities" include, but are not necessarily limited to, the following:
 - 1. Construction and reconstruction (including capital improvements);
 - 2. Improvement, repair, and maintenance;
 - 3. Repair and maintenance of related facilities within the roadway, including, but not limited to, storm water drainage facilities, traffic control devices, street lights, and roadside barriers;
 - 4. Timely repair or mitigation of known hazards to road users;
 - 5. Issuance of permits for work;
 - 6. The establishment of roadway standards for the Transfer Area; and

7. All other responsibilities the County has under ORS chapter 368 with respect to the Transfer Area which may be assumed by the City under state law.

C. Transfer of Jurisdiction.

- i. Once the Transfer Area is annexed into the City's boundary, the City shall carry out the procedures set forth in ORS 373.270 to determine whether it is necessary, expedient, or for the best interests of the City to acquire jurisdiction over the Transfer Area, and, if so, to adopt appropriate municipal legislation requesting such jurisdiction. The City shall complete the process to request jurisdiction within 60 days of such annexation.
- ii. The City shall accept jurisdiction over the Transfer Area in the event that the governing body of the City and the governing body of the County determine that it is necessary, expedient, or for the best interests of their respective jurisdictions to transfer such jurisdiction, and if the County adopts an order surrendering such jurisdiction.

3. County Responsibilities.

A. County Project and City Pump Station Upgrade Project.

- i. **Bid Document Certification.** Before soliciting bids for construction of the improvements contemplated by the County Project, the County shall obtain the City's written certification of the bid documents produced by the County incorporating the City Pump Station Upgrade Project into the County Project.
- ii. **Renegotiation of County Project.** If the winning bid is deemed unacceptable, and the County contracts for the construction of the County Project without the City Pump Station Upgrade Project, the County shall renegotiate, in good faith, an agreement with the City on the scope of work and associated costs of the County Project, as related to public water infrastructure.
- iii. **Rebid Solicitation.** If the winning bid is deemed unacceptable, and the County determines to undergo a subsequent rebid solicitation, the County shall inform the City of the County's intention without unreasonable delay. The County agrees to renegotiate, in good faith, with the City and to amend this Agreement as deemed necessary for the subsequent rebid solicitation.
- iv. **Project Management.** The County shall manage the County Project, including the City Pump Station Upgrade Project, and administer the associated construction contract. The County shall consult with the City on any change orders requested by the contractor.

- v. **Project Cost.** The County shall be responsible for paying thirty-nine percent (39%) of the winning bid value excluding Extra Work as Authorized for change orders and overruns related to the County Project. Where the contractor requests a change order, the County shall determine, in consultation with the City, whether any additional costs associated with the change order should be paid by the City, by the County, or by both, and in what proportions.
- vi. **Invoices.** The County shall invoice the City within thirty (30) days of receiving a progress payment request from the contractor.

B. Transfer of Jurisdiction.

- i. Once the City completes the process to request jurisdiction over the Transfer Area, the County shall give notice and carry out the procedures set forth in ORS 373.270 to determine whether it is necessary, expedient, or for the best interests of the County to surrender such jurisdiction, and, if so, to adopt an order surrendering such jurisdiction. The County shall complete the process to surrender jurisdiction within 120 days of the date that the City requests such jurisdiction. This obligation shall terminate in the event the governing body of the City fails to find that it is necessary, expedient, or for the best interests of the City to acquire such jurisdiction.
- ii. Within thirty (30) days of completing the process to surrender jurisdiction over the Transfer Area, the County shall provide all as-builts and records related to the Transfer Area to the City.

4. Termination.

- A. The Parties, by mutual written agreement, may terminate this Agreement at any time.
- B. Either Party may terminate this Agreement in the event of a breach by the other Party. Prior to such termination, however, the Party seeking the termination shall give the other Party written notice of the breach and of the Party's intent to terminate. If the breaching Party has not completely cured the breach within thirty (30) days of deemed or actual receipt of the notice, then the Party giving notice may terminate this Agreement any time thereafter by giving written notice of termination stating the effective date of the termination. If the breach is of such a nature that it cannot be completely cured within such thirty (30) day period, then the Party giving notice may not terminate this Agreement due to the breach if the breaching Party begins curing the breach within the thirty (30) day period and thereafter proceeds with reasonable diligence and in good faith to completely cure the breach as soon as practicable. The Party giving notice shall not be required to give more than one (1) notice for a similar breach in any twelve (12) month period.
- C. Any rights or obligations accrued to the Parties prior to termination shall survive such termination.

5. Indemnification.

- A. Subject to the limits of the Oregon Constitution and the Oregon Tort Claims Act or successor statute, the County agrees to indemnify, save harmless, and defend the City and its officers, elected officials, agents, and employees from and against all costs, losses, damages, claims, or actions, and all expenses incidental to the investigation and defense thereof (including legal and other professional fees), arising out of or based upon damages or injuries to persons or property caused by the negligent or willful acts of the County or its officers, elected officials, owners, employees, agents, or subcontractors, or anyone whom the County has a right to control.
- B. Subject to the limits of the Oregon Constitution and the Oregon Tort Claims Act or successor statute, the City agrees to indemnify, save harmless, and defend the County and its officers, elected officials, agents, and employees from and against all costs, losses, damages, claims, or actions, and all expenses incidental to the investigation and defense thereof (including legal and other professional fees), arising out of or based upon damages or injuries to persons or property caused by the negligent or willful acts of the City or its officers, elected officials, owners, employees, agents, or subcontractors, or anyone whom the City has a right to control, including negligent or willful acts in connection with Road Authority activities in the Transfer Area.

6. Party Contacts.

- A. Macahan Corthell or his designee shall act as liaison for the City for this Agreement.

Contact Information:

Macahan Corthell
City of Molalla
315 Kennel Avenue
Molalla, OR 97038
503-759-0243
mcorthell@cityofmolalla.com

- B. Jordan Cools or his designee shall act as liaison for the County for this Agreement.

Contact Information:

Jordan Cools
Clackamas County Department of Transportation and Development
150 Beavercreek Road
Oregon City, OR 97045
971-288-8136
jcools@clackamas.us

7. General Provisions.

- A. **Oregon Law and Forum.** This Agreement shall be construed according to the laws of the State of Oregon, without giving effect to the conflict of law provisions thereof.
- B. **Applicable Law.** The Parties shall comply in all ways with applicable local, state, and federal ordinances, statutes, laws, and regulations.
- C. **Non-Exclusive Rights and Remedies.** Except as otherwise expressly provided herein, the rights and remedies expressly afforded under the provisions of this Agreement shall not be deemed exclusive and shall be in addition to and cumulative with any and all rights and remedies otherwise available at law or in equity. The exercise by either Party of any one or more of such remedies shall not preclude the exercise by it, at the same or a different time, of any other remedies for the same breach, or for any other breach, by the other Party.
- D. **Retention of Records.** All payroll and financial records pertaining in whole or in part to this Agreement shall be clearly identified and readily accessible. Such records and documents should be retained for a period of three (3) years after receipt of final payment under this Agreement; provided that any records or documents that are the subject of audit findings shall be retained until such audit findings are resolved.
- E. **Access to Records.** Each Party, the federal government, and their duly authorized representatives shall have access to each Party's books, documents, papers, and records which are directly pertinent to this Agreement for the purpose of making audit, examination, excerpts, and transcripts for a period of three (3) years after final payment. Copies of applicable records shall be made available upon request. The cost of such inspection shall be borne by the inspecting Party.
- F. **Debt Limitation.** This Agreement is subject to the county debt limitation set forth in Article XI, section 10, of the Oregon Constitution, and is contingent upon funds being appropriated to carry out its provisions.
- G. **Severability.** If any provision of this Agreement is found to be unconstitutional, illegal, or unenforceable, this Agreement nevertheless shall remain in full force and effect and the offending provision shall be stricken. The court or other authorized body finding such provision unconstitutional, illegal, or unenforceable shall construe this Agreement without such provision to give effect, to the maximum extent possible, to the intentions of the Parties.
- H. **Integration, Amendment, and Waiver.** Except as otherwise set forth herein, this Agreement constitutes the entire agreement between the Parties on the matter of the County Project, the City Pump Station Upgrade Project, and the transfer of responsibility for and jurisdiction over the Transfer Area. There are no understandings, agreements, or representations, oral or written, not specified herein regarding this Agreement. No waiver, consent, modification, or change to the terms of this Agreement shall bind either

Party unless it is in writing and signed by both Parties, and unless all necessary approvals have been obtained. Such waiver, consent, modification, or change, if made, shall be effective only in the specific instance and for the specific purpose given. The failure of either Party to enforce any provision of this Agreement shall not constitute a waiver by such Party of that or any other provision. A waiver as to one breach shall not be deemed a waiver as to any other breach not expressly identified, even though the other breach is of the same nature as the one waived.

- I. **Interpretation.** The titles of the sections of this Agreement are inserted for convenience of reference only and shall be disregarded in construing or interpreting any of its provisions.
- J. **No Partnership.** No representative, agent, employee, or contractor of one Party shall be deemed to be a representative, agent, employee, or contractor of the other Party for any purpose, except to the extent specifically provided herein. Nothing herein is intended, nor shall it be construed, to create between the Parties any relationship of principal and agent, partnership, joint venture, or any similar relationship, and each Party specifically disclaims any such relationship.
- K. **No Third-Party Beneficiary.** Neither Party intends that this Agreement benefit, or create any right or cause of action in, or on behalf of, any person or entity other than the Parties.
- L. **No Assignment.** Neither Party shall have the right to assign its interest in this Agreement (or any portion thereof) without the prior written consent of the other Party, which consent may be withheld for any reason. The benefits conferred by this Agreement, and the obligations assumed hereunder, shall inure to the benefit of and bind the successors to the Parties.
- M. **Nonwaiver of Government Rights.** By making this Agreement, the County is specifically not obligating itself or any other governmental entity with respect to any discretionary governmental action relating to the County Project, the City Pump Station Upgrade Project, or the development, operation, or use of the improvements to be constructed in connection therewith, including, but not limited to, condemnation, comprehensive planning, rezoning, variances, environmental clearances, or any other governmental approvals that are or may be required.
- N. **Counterparts.** This Agreement may be executed in any number of counterparts (electronic, facsimile, or otherwise), all of which, when taken together, shall constitute one agreement binding on both Parties, notwithstanding that both Parties are not signatories to the same counterpart. Each copy of this Agreement so executed shall constitute an original.
- O. **Authority.** Each Party represents that it has the authority to enter into this Agreement, and each individual signatory for a Party represents that it has been authorized by that Party to execute and deliver this Agreement.

P. **Necessary Acts.** Each Party shall execute and deliver to the other all such further instruments and documents as may be reasonably necessary to carry out this Agreement.

CLACKAMAS COUNTY

Craig Roberts, Chair

Date

Recording Secretary

CITY OF MOLALLA

S. Keyser
Scott Keyser, Mayor

November 13, 2025
Date

Christie Seeto
Recording Secretary

Exhibit "A"

SE Molalla Avenue Transfer of Jurisdiction

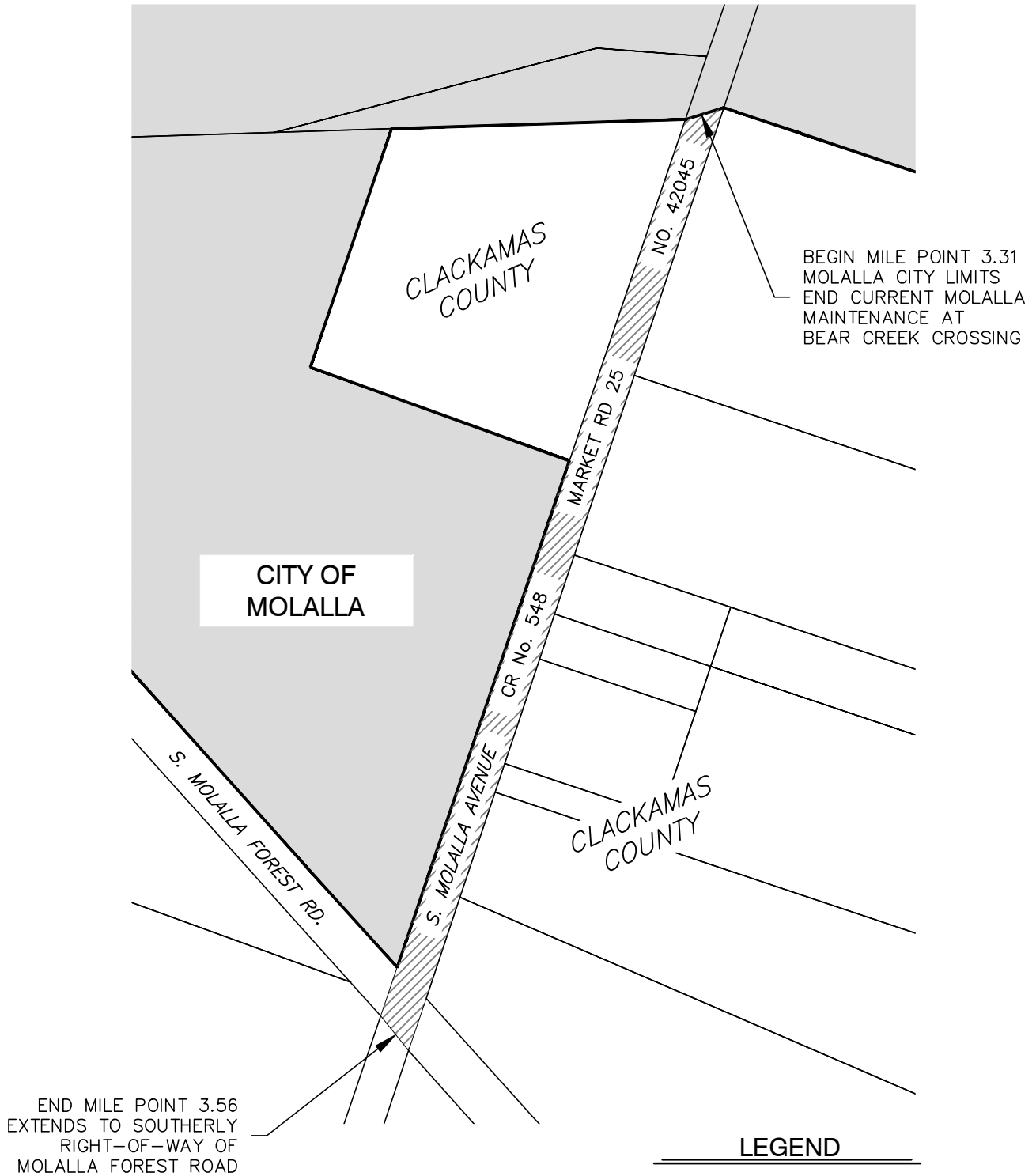
Clackamas County to City of Molalla

Description

All of that portion of S. Molalla Avenue, Market Road 25, County Road No. 548, Department of Transportation and Development Maintenance No. 42045; Situated in the northeast 1/4 of Section 17, T. 5 S., R. 2 E., W.M., lying south of the current city limits and jurisdiction, said point also being the culvert crossing at Bear Creek (mile point 3.31) and north of the southerly right-of-way of S Molalla Forest Road, Public Road No. P-5042 (mile point 3.56), as shown on Exhibit "B", attached hereto, and by this reference a part hereof. Total length being approximately 1,320 feet long.

Contains 79,000 square feet, more or less.

EXHIBIT "B"



LEGEND



TRANSFERED AREA
79,200 Sq. Ft.

LOCATED IN THE NORTHEAST 1/4 OF SECTION 17,
T. 5 S., R. 2 E., W.M.
CLACKAMAS COUNTY, OREGON



NTS

DEPARTMENT OF TRANSPORTATION
AND DEVELOPMENT
150 BEAVERCREEK ROAD
OREGON CITY, OR 97045



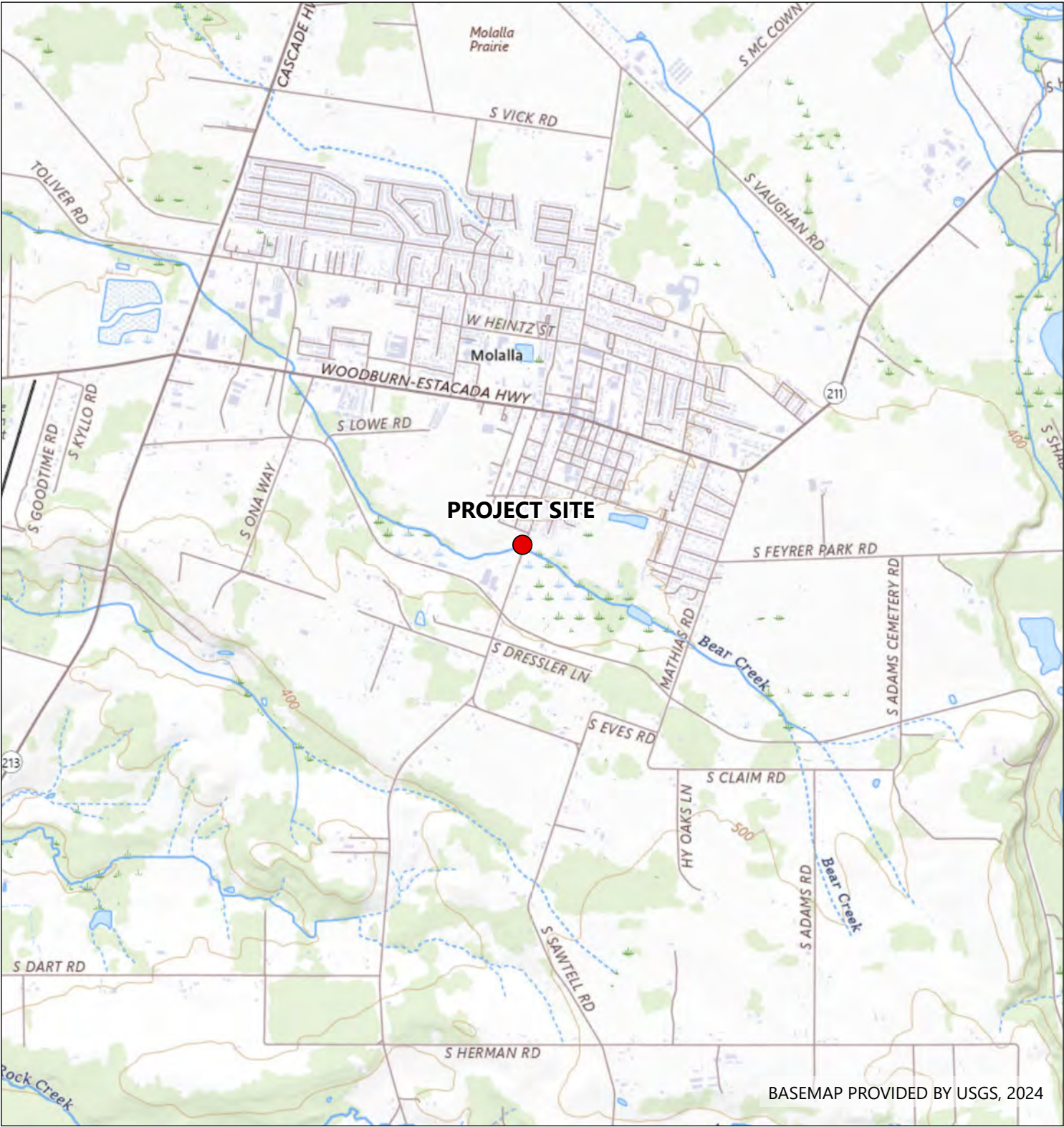
BY: R. MAXWELL

DATE: 10/30/2025

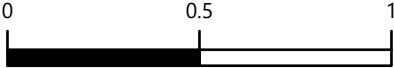
JURISDICTIONAL TRANSFER
SOUTH MOLALLA AVENUE
COUNTY ROAD NO. 548

SHEET

1 OF 1



BASEMAP PROVIDED BY USGS, 2024



1 INCH = 0.5 MILES



RS&H
BEAR CREEK CULVERT

VICINITY MAP

Exhibit "D"

Clackamas County-City of Molalla IGA

11/3/2025

County Project Engineer's Estimate

Bear Creek Culvert and Molalla Ave Shoulders Project

Total Estimate	\$	1,179,030.03
Less Contingency (3.5%)	\$	(39,870.58)
Less Allowance for Construction Engineering (10%)	\$	(103,559.95)
Less Extra Work as Authorized	\$	(50,000.00)

County Project Value for Cost Sharing:	\$	985,599.50
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County Cost Share:	39%
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City Project Engineer's Estimate

S. Molalla Pump Station Replacement

Total Estimate	\$	1,800,000.00
Less Contingency (15%)	\$	(234,900.00)

City Project Value for Cost Sharing:	\$	1,565,100.00
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City Cost Share:	61%
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Combined Project Value for Cost Sharing:	\$	2,550,699.50
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100%

Bear Creek Culvert and Molalla Ave Shoulders Project
Bridges & Structures
Clackamas

Engineer's Opinion of Cost (Final)

Spec. No.	Item No.	Item	Bid Unit	Est. Unit	Quantity	Unit Price	Total Price
00100 General Conditions							
00180	10	Workplace Harassment Prevention Plan	Lump Sum	Lump Sum	1	\$ 1,500.00	\$ 1,500.00
00196	20	Extra Work as Authorized	Lump Sum	Lump Sum	1	\$ 50,000.00	\$ 50,000.00
00200 Temporary Features and Appurtenances							
00210	30	Mobilization	Lump Sum	Lump Sum	1	\$ 85,000.00	\$ 85,000.00
00221	40	Temporary Work Zone Traffic Control, Complete	Lump Sum	Lump Sum	1	\$ 45,000.00	\$ 45,000.00
00245	50	Temporary Water Management	Lump Sum	Lump Sum	1	\$ 10,000.00	\$ 10,000.00
00280	60	Erosion Control	Lump Sum	Lump Sum	1	\$ 4,000.00	\$ 4,000.00
00280	70	Inlet Protection, Type 4	Each	Each	12	\$ 120.00	\$ 1,440.00
00280	80	Sediment Barrier, Type 3	Foot	Foot	680	\$ 4.00	\$ 2,720.00
00280	90	Check Dam, Type 3	Each	Each	47	\$ 150.00	\$ 7,050.00
00280	100	Concrete Washout	Each	Each	1	\$ 1,500.00	\$ 1,500.00
00290	110	Pollution Control Plan	Lump Sum	Lump Sum	1	\$ 1,000.00	\$ 1,000.00
00290	120	Turbidity Monitoring	Lump Sum	Lump Sum	1	\$ 6,000.00	\$ 6,000.00
00294	130	Contaminated Soil Disposal	Ton	Ton	27	\$ 90.00	\$ 2,430.00
00300 Roadway							
00305	140	Construction Survey Work	Lump Sum	Lump Sum	1	\$ 9,000.00	\$ 9,000.00
00310	150	Removal of Structures and Obstructions	Lump Sum	Lump Sum	1	\$ 6,000.00	\$ 6,000.00
00320	160	Clearing and Grubbing	Acre	Acre	1.29	\$ 15,000.00	\$ 19,350.00
00330	170	General Excavation	Cu Yd	Cu Yd	320	\$ 60.00	\$ 19,200.00
00350	180	Riprap Geotextile, Type 1	Sq Yd	Sq Yd	34	\$ 16.00	\$ 544.00
00390	190	Loose Riprap, Class 100	Ton	Ton	26	\$ 140.00	\$ 3,640.00
00400 Drainage and Sewers							
00405	200	Trench Excavation	Cu Yd	Cu Yd	59	\$ 130.00	\$ 7,670.00
00415	210	Mainline Video Inspection	Foot	Foot	521	\$ 10.00	\$ 5,210.00
00445	220	12 Inch Storm Sewer Pipe, 5 Ft depth	Foot	Foot	375	\$ 100.00	\$ 37,500.00
00445	230	18 Inch Storm Sewer Pipe, 5 Ft depth	Foot	Foot	94	\$ 145.00	\$ 13,630.00
00445	240	12 Inch Ductile Iron Pipe, 5 Ft depth	Foot	Foot	34	\$ 150.00	\$ 5,100.00
00445	250	36 Inch Arch Type Pipe, 5 Ft depth	Foot	Foot	8	\$ 650.00	\$ 5,200.00
00470	260	Concrete Storm Sewer Manholes	Each	Each	1	\$ 10,000.00	\$ 10,000.00
00470	270	Concrete Inlets, Type G-2	Each	Each	2	\$ 5,000.00	\$ 10,000.00
00490	280	Extra for Manholes Over Existing Sewers	Each	Each	1	\$ 2,500.00	\$ 2,500.00
00490	290	Connect Culvert to Existing Pipe	Each	Each	1	\$ 2,000.00	\$ 2,000.00
00490	300	Filling Abandoned Structures	Each	Each	5	\$ 500.00	\$ 2,500.00
00490	310	Minor Adjustment Of Manholes	Each	Each	1	\$ 2,500.00	\$ 2,500.00
00490	320	Trench Resurfacing	Sq Yd	Sq Yd	52	\$ 95.00	\$ 4,940.00
00500 Bridges							

Bear Creek Culvert and Molalla Ave Shoulders Project
Bridges & Structures
Clackamas

Engineer's Opinion of Cost (Final)

00350	330	Subgrade Geotextile	Sq Yd	Sq Yd	200	\$	5.50	\$	1,100.00
00510	340	Structure Excavation	Lump Sum	Cu Yd	565	\$	34.00	\$	19,210.00
00510	350	Granular Wall Backfill	Lump Sum	Cu Yd	260	\$	75.00	\$	19,500.00
00510	360	Granular Structure Backfill	Lump Sum	Cu Yd	70	\$	120.00	\$	8,400.00
00552	370	Precast Wingwall and Headwall Systems for Culvert	Lump Sum	Lump Sum	1	\$	62,000.00	\$	62,000.00
00552	380	Precast Reinforced Concrete Three-Sided Structure Footings	Lump Sum	Foot	133	\$	1,200.00	\$	159,600.00
00592	390	Rolled Waterproof Membrane	Sq Ft	Sq Ft	1,110	\$	5.00	\$	5,550.00
00595	400	Precast Reinforced Concrete Three-Sided Structures	Foot	Foot	64	\$	2,100.00	\$	134,400.00
00596C	410	Retaining Wall, Cast-In-Place Concrete Semi-Gravity Cantilever	Lump Sum	Sq Ft	64	\$	220.00	\$	14,080.00
00842	420	Facility Identification Markers	Each	Each	1	\$	200.00	\$	200.00
01050	430	4 Foot Type B Protective Fence	Foot	Foot	74	\$	75.00	\$	5,550.00

00600 Bases

00620	440	Cold Plane Pavement Removal, 2 Inches Deep	Sq Yd	Sq Yd	233	\$	45.00	\$	10,485.00
00620	450	Cold Plane Pavement Removal, 9 Inches Deep	Sq Yd	Sq Yd	89	\$	80.00	\$	7,120.00
00640	460	Aggregate Shoulders	Ton	Ton	800	\$	60.00	\$	48,000.00
00640	470	Aggregate Base	Ton	Ton	113	\$	60.00	\$	6,780.00

00700 Wearing Surfaces

00744	480	Level 3, 1/2 Inch ACP Mixture	Ton	Ton	104	\$	200.00	\$	20,800.00
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00800 Permanent Traffic Safety and Guidance Devices

00865	490	Thermoplastic, Extruded, Surface, Non-Profiled	Foot	Foot	345	\$	5.00	\$	1,725.00
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00900 Permanent Traffic Control and Illumination Systems

00905	500	Signs, Standard Sheeting, Sheet Aluminum	Sq Ft	Sq Ft	27	\$	40.00	\$	1,080.00
00905	510	Remove and Reinstall Existing Signs	Lump Sum	Lump Sum	1	\$	5,000.00	\$	5,000.00
00920	520	Sign Support Footings	Lump Sum	Lump Sum	1	\$	6,500.00	\$	6,500.00

01000 Right of Way Development and Control

01011	530	Bioretention Pond, _____	Lump Sum	Lump Sum	1	\$	45,000.00	\$	45,000.00
01030	540	Native Plant Seeding	Acre	Acre	1	\$	8,000.00	\$	6,000.00
01040	550	Shrubs, #5 Container	Each	Each	19	\$	37.50	\$	712.50
01040	560	Shrubs, #2 Container	Each	Each	10	\$	27.50	\$	275.00
01040	570	Shrubs, #1 Container	Each	Each	57	\$	19.00	\$	1,083.00
01040	580	Wetland Plants, Plugs	Each	Each	2,185	\$	5.00	\$	10,925.00
01070	590	Remove and Reinstall Mailbox Supports	Each	Each	17	\$	1,000.00	\$	17,000.00
01070	600	Standard Mailbox, Size 1.5	Each	Each	1	\$	300.00	\$	300.00
01091	610	Streambed Excavation	Cu Yd	Cu Yd	35	\$	60.00	\$	2,100.00
01091	620	Engineered Streambed Material	Cu Yd	Cu Yd	110	\$	230.00	\$	25,300.00
01091	630	Fish Rocks, Type 1	Each	Each	19	\$	300.00	\$	5,700.00

SUB-TOTAL OF ITEMS \$ 1,035,599.50
Allowance for CE (10%) \$ 103,559.95

Engineer's Opinion of Cost (Final)

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TOTAL ESTIMATE:	\$ 1,139,159.45
Contingency @ 3.5%	\$ 39,870.58
TOTAL:	\$ 1,179,030.03

City of Molalla, OR

9/8/2025

S. Molalla Pump Station Replacement**Engineer's Estimate of Probable Construction Cost**

Item	Description	Unit	Quantity	Unit Cost	Item Cost
1	Const. Facilities & Temporary Controls	LS	1	\$165,000	\$165,000
2	Temporary Protection and Direction of Traffic	LS	1	\$25,000	\$25,000
3	Demolition & Site Preparation	LS	1	\$65,000	\$65,000
4	Site Grading and Drainage	LS	1	\$25,000	\$25,000
5	Concrete Wet Well (8-ft Dia. with Lid and Hatch)	LS	1	\$150,000	\$150,000
6	Sanitary Sewer Manholes	EA	3	\$10,000	\$30,000
7	Sanitary Sewer Lines (8-inch Dia. Gravity)	LF	70	\$200	\$14,000
8	Sanitary Sewer Force Main (6-inch Dia.)	LF	100	\$200	\$20,000
9	Aggregate Base	TONS	300	\$60	\$18,000
10	Asphaltic Concrete Pavement	TONS	77	\$300	\$23,100
11	Fencing and Gates	LS	1	\$40,000	\$40,000
12	New Water Service & Backflow Preventer	LS	1	\$15,000	\$15,000
13	Cast-in-Place Concrete (foundations, slabs, misc.)	LS	1	\$65,000	\$65,000
14	Concrete Masonry Building	LS	1	\$70,000	\$70,000
15	Submersible Non-Clog Pumps	EA	2	\$95,000	\$190,000
16	Mechanical Piping, Valves and Appurtenances)	LS	1	\$150,000	\$150,000
17	Davit Crane	LS	1	\$10,000	\$10,000
18	Wet Well Aeration System	LS	1	\$20,000	\$20,000
19	HVAC Systems	LS	1	\$15,000	\$15,000
20	New Electrical Power Service	LS	1	\$25,000	\$25,000
21	Diesel Generator (enclosure, fuel tank, ATS, canopy)	LS	1	\$85,000	\$85,000
22	General Site Electrical and Lighting	LS	1	\$100,000	\$100,000
23	Motor Control Panels, Controls and SCADA	LS	1	\$225,000	\$225,000
24	Instrumentation (level trans., floats, mag meter, etc.)	LS	1	\$20,000	\$20,000
		Subtotal			\$1,565,100
		Contingency (~15%)			\$234,900
		Total Estimated Cost			\$1,800,000