



DAN JOHNSON
DIRECTOR

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

June 20, 2024

BCC Agenda Date/Item: _____

Board of County Commissioners
Clackamas County

Approval of Amendment #5 with Consor North America, Inc. for the Stafford Road Improvements Project. Amendment value is \$379,343 for a total contract value of \$2,207,760. Funding through Community Road Funds and Countywide System Development Charges. No County General Funds are involved.

Previous Board Action/Review	06/18/2024: Request for consent 08/10/2023: Approval of Contract Amendment #4 with Consor North America, Inc. for the Stafford Road (Pattulo Wy to Rosemont Rd) Improvements Project. 03/30/23: Approval of a Resolution of Necessity and purpose for Acquisition of Right of Way, Easements, and Fee Property and Authorizing Good Faith Negotiations and Condemnation actions for the Stafford Road (Pattulo Wy to Rosemont Rd) Improvements Project. 11/12/20: BCC approval of Contract with Murraysmith, Inc. (now known as Consor North America, Inc.) for the Stafford Road (Pattulo Wy to Rosemont Rd) Improvements Project		
Performance Clackamas	The project will build a strong infrastructure, and ensure safe, healthy and secure communities.		
Counsel Review	4/15/2024, AN	Procurement Review	Yes
Contact Person	Jonathan Hangartner	Contact Phone	503-742-4649

EXECUTIVE SUMMARY: The County is allocating Community Road Funds to install a roundabout at Childs Road and a southbound left-turn lane at Johnson Road. The intersections at Childs Road and Johnson Road will also be realigned to reduce or eliminate the intersection skew. Stafford Road will be widened to provide paved shoulders between Pattulo Way and Rosemont Road.

For Filing Use Only

Murraysmith, Inc., now known as Consor North America, Inc., was contracted to perform the design of the project for an original contract value of \$1,482,588. Contract amendments #1 through #4, which had combined total value of \$165,829, were previously implemented to provide additional services required to support the project.

Amendment #5 has a value of \$379,343.00, which includes \$156,199 for additional design phase services and \$223,144 for construction phase services. The design services changes include additional effort associated with project management, an additional stormwater design and report update per Water Environment Services requirements, and additional plan updates to the construction bid set. The construction support services include engineer of record services for site visits, meetings, submittal reviews; request for Information responses; record drawings; environmental compliance including fish salvage and reporting, site restoration and reporting, and post construction reporting; and post construction record of survey.

This amendment will be paid through Community Road Fund and Countywide System Development Charges.

Though there are discussions still underway final design work is still underway to develop a final construction bid set. Bid date is still to be determined.

PROCUREMENT PROCESS: This Amendment is in accordance with LCRB C-047-0800(b) for an unanticipated amendment.

RECOMMENDATION: Staff respectfully recommends that the Board of County Commissioners approve and sign this contract amendment with Consor North America, Inc. for the Stafford Rd (Pattulo Wy to Rosemont Rd) Improvements Project.

Respectfully submitted,

Dan Johnson

Dan Johnson-Director
Transportation & Development

AMENDMENT #5
TO THE CONTRACT DOCUMENTS WITH CONSOR NORTH AMERICA, INC. FOR
STAFFORD ROAD IMPROVEMENT PROJECT (RFP# 2020-34)
Contract #3047

This Amendment #5 is entered into between **CONSOR North America, Inc.** (“Contractor” or “Consultant”) and Clackamas County (“County”) and shall become part of the Contract documents entered into between both parties on **November 12, 2020** (“Contract”).

The Purpose of this Amendment #5 is to make the following changes to the Contract:

1. ARTICLE I, Section 1. **Effective Date and Duration** is hereby amended as follows:
The Contract termination date is hereby changed from June 30, 2024 to **June 30, 2027**.

2. ARTICLE I, Section 2. **Scope of Work** is hereby amended as follows:
County has requested additional design support and construction phase services (“Additional Services”) to be performed by Consultant. The Additional Services are described in **Exhibit G, Additional Services**, attached and hereby incorporated by reference.

3. ARTICLE I, Section 3. **Consideration** is hereby amended as follows:
In consideration for Consultant performing the Additional Services, County will pay Consultant an amount not to exceed \$379,343.00. Consideration for the Additional Services are on a time and material basis in accordance with the rates set forth in **Exhibit H**. The total Contract compensation shall not exceed \$2,027,760.00

ORIGINAL CONTRACT	\$ 1,482,588.00
AMENDMENT #1	\$ 14,996.00
AMENDMENT #2	\$ 51,068.00 and Time Extension
AMENDMENT #3	Name Change
AMENDMENT #4	\$ 99,765.00
<u>AMENDMENT #5</u>	<u>\$ 379,343.00</u>
TOTAL AMENDED CONTRACT	\$ 2,027,760.00

Except as expressly amended above, all other terms and conditions of the Contract shall remain in full force and effect. By signature below, the parties agree to this Amendment #5, effective upon the date of the last signature below.

CONSOR North America, Inc.

Clackamas County



 Authorized Signature Date 4/12/24

 Chair



 Printed Name

 Recording Secretary

 Date


Approved as to Form:

 _____ 04/15/2024
 County Counsel Date

Exhibit G
Additional Services

20-2965

March 14, 2024

Mr. Jon Hangartner, P.E.
Project Manager
Clackamas County Department of Transportation and Development
150 Beaver Creek Road
Oregon City, OR 97045

Re: Stafford Rd (Pattulo Wy to Childs Rd)
Amendment No. 5 - Scope and Fee for Time Extension, Additional Design Support, and
Construction Phase Services

Dear Jon,

This letter serves as a Contract Amendment request (No. 5) associated with the above referenced project. This request follows up on our recent conversations regarding postponing the project construction one year, extending the design and right of way phases one year, and adding construction support services. The current contract is set to expire on June 30, 2024. Based on the current construction schedule, we would like to request an extension to December 31, 2026. Since signed Final PS&E documents have been delivered, the prior scope of work including amendments 1-4 have been substantially fulfilled with the exception of Task 12 Bid and Award Assistance. This amendment addresses one additional task necessary to submit Final Design (stormwater updates) and all future services (excluding bid support) including supplemental design support and construction services. Given the schedule extension, we would also like to request incorporating an updated schedule of charges which is attached. The following items are addressed under this amendment request.

- **Task 1 Project Management and Project Coordination:** Coordinate remaining internal and subconsultant tasks and participate in monthly check-in meetings (1.5 hours long with up to 2 consultant staff) for 12 additional months (thru December 2024). Complete invoicing for 36 additional months (thru December 2026). No updated project schedule or meeting notes are anticipated.
 - **Task 4.5 Stormwater Design Report:** Update report based on WES review comments received after final plans necessary to resubmit for approval. Updates are assumed to address the following:
 - Johnson Pond - Check orifice and underdrain size
 - Ponds - Add spillways
 - Provide basin map for 1S-17S
 - Add NW offsite area
-

- Complete downstream conveyance analysis at outfalls and to address increased runoff area to adjacent properties due to road widening. Analysis will follow WES Stormwater Standards Section 7.2.4 for the qualitative analysis resulting in a memo with findings. When WES reviews the findings, it is assumed WES will not require a subsequent quantitative analysis, design revisions, or any other significant updates requiring more than 16 hours of time to address. Qualitative analysis will include the following locations:
 - Stafford Cross Culvert at south end of Project (7+50)
 - Increased impervious at shed section south of Johnson (8+00 to 12+00)
 - Stafford Cross Culvert at Johnson (12+50)
 - Childs Road Drainage on north and south of Childs Road (102+00)
 - Childs Pond Outfall
 - Stafford Cross Culvert for north end of project offsite drainage (34+50)

- **Task 10 Final Design:**
 - **Task 10.3 Final Design:**
 - Complete an additional design iteration for stormwater management facility design based on WES review comments after 90% design necessary to submit stamped Final PS&E documents.

 - Complete an additional design iteration for stormwater infrastructure based on WES review comments after final plans necessary to submit an updated check set of PS&E documents for approval. It is assumed one last check set is needed and that WES review will result in minor comments that will be incorporated into the Final PS&E Task 10.6 described below. County will print and deliver the check set to WES as needed. Updates are assumed to address the following:
 - Ponds - Add Spillways
 - Johnson and Childs Pond - Access Road not adequate. Provide analysis of stormwater access roads to ensure Vac trucks can back into place to perform maintenance. Adjust access road design(s) as needed to accommodate Vac truck access.
 - Add FCMH 2 Detail
 - Childs Pond - Profile for Flow Control Pipe
Add Oval Grate at 7+85
 - Downstream Riprap at 7+50 outfall
 - Add Oval Grate at 12+20
 - Double Curb Inlet at Johnson
 - Double Curb Inlet at 24+80

- Curb Inlet at 26+45
 - Round-about - change CB's to curb inlets
 - Childs WQMH not required by WES
 - Do we need MH-4
 - Birdcage inlet at Johnson Ditch Inlet – 1
- **Task 10.4 PS&E Updates:** Consultant will provide additional design services to the County between submission of stamped Final PS&E (January 2024) and advertisement (October 2024). Services will focus on updating the PS&E package based on changes that may occur. Currently known potential triggers for changes include utility relocations and staging, incorporating WES design review comments, incorporating DEQ comments for Erosion & Sediment Control Plan sheets, and developing Temporary Traffic Control Plans for 'Stage 3 – Winter Shutdown'. PS&E updates will be limited to the following tasks:
- Four hours per month (for 12 months) on average are budgeted to respond to County requests and provide technical support to address ongoing County needs in advance of PS&E updates. County will compile a list of all changes that will be necessary and provide markups on the plans, special provisions, and cost estimate documents for incorporation by the Consultant.
 - Consultant will coordinate and address the remaining embedded comments in the special provisions associated with the change in schedule. Consultant will also address any markups of the special provisions provided by the County. The County will provide all necessary project design information associated with changes since December 2024 including but not limited to utility relocation timing and coordination information, staging adjustments, ROW obligations, etc.
 - Consultant will update the plans based on the markups provided by the County. Budgeted hours assume updating date information as needed, conducting quality control reviews, stamping the plans, plan changes for utility relocations and staging, incorporating WES design review comments, and developing one new plan sheet for Temporary Traffic Control Plans for 'Stage 3 – Winter Shutdown'. If additional changes are required, the County and Consultant will determine prior to implementation whether they can be made within available budget or if additional budget is needed.
 - Consultant will provide an updated unsigned PS&E check set for review incorporating all changes. County will review the updates and provide Consultant any final comments which are anticipated to be minor and attributed only to the items listed in the prior bullet with an estimated level
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of effort of 40 hours. Consultant will incorporate the final comments and provide a stamped PS&E package for advertisement and bidding.

- **Task 11.4 Right-of-Way Descriptions, Exhibit Maps, and Impact Maps:**
 - **Task 11.4.1 Updated Legal Description:** Update legal description for File 14 assuming easement name and line changes.
- **Construction Phase Services:** Add the following tasks to the original contract.

Task 13.0 – Engineer of Record Services

Clackamas County will lead the construction management and be responsible for providing construction contract administration. The Consultant will provide engineer of record services per the following subtasks:

13.1 Handoff Package and Meeting

The County will coordinate with the construction contractor to determine the digital data needs. Consultant will assemble a digital hand-off package and conduct Construction Handoff Meeting to explain package contents, review Right-of-Way obligations, design elements, and previously identified risks. Assumes 3 Consultant design staff attending the meeting, to be held virtually.

13.2 Preconstruction Meeting

Attend preconstruction meeting. Assumes 2 Consultant design staff attending the 3-hour meeting, including travel time. Meeting to be held at County offices.

13.3 Weekly Construction Meetings

Attend weekly construction meetings, as requested by the County to address construction related issues. Assumes a total of 20 2-hour meetings (10 per year) by one Consultant design staff member (3 hours including travel time). Two of these meetings are assumed to be attended by Shannon & Wilson.

13.4 Site Visits

Conduct periodic site visits to address issues during construction, to monitor the status of roadway and utility construction and/or to assist with contractor discussions. Assumes a total of 30 periodic 3-hour site visits (15 per year) by one Consultant design staff member, including travel time. Four of these site visits are assumed to be attended by Shannon & Wilson to observe wall subgrade and over-excavation, culvert excavation, and/or other excavation.

04/15/2024

embankment activities as needed. Two of these site visits are assumed to be attended by Kittelson.

13.5 Submittal Review

Support reviewing contractor submittals, shop drawings, and field testing for conformance to the design requirements of the project and in accordance with the requirements of the contract documents as requested by the County. Budget assumes up to 30 submittal/shop drawing reviews plus five (5) resubmittal reviews with an average of two (2) hours per review. Three of these submittals are assumed to be reviewed by Shannon & Wilson and two for Kittelson.

13.6 RFI and Change Order Review

Support reviewing contractor requests for information, and change orders as requested by the County. Budget assumes up to 15 requests for information (2-hours/request). Two requests for information are assumed to be reviewed by Shannon & Wilson and two for Kittelson.

13.7 Design Clarifications

Support requests from the County for design clarifications within 3 working days from the date of the request. Clarifications should be responded to in writing with one of the following responses:

- Type 1 - Contract Documents are clear, no clarification is required. (1-hour each assumed)
- Type 2 - Clarification is provided as requested. (4-hours each assumed)
 - Budget assumes up to 35 requests for (Type 1) design clarifications (2 reviewed by Kittelson) and 30 requests for (Type 2) design clarifications.

13.8 Design Revisions

Provide consultation and technical services regarding design issues raised during construction. If design modifications are determined necessary, Consultant shall discuss the changes with the County prior to verbally agreeing on changes with the Construction Contractor or preparing the appropriate change order documents, depending on the type of work (changed work, extra work, or force account work). As requested by the County, Consultant shall prepare detailed engineering design revisions necessitated by conditions encountered during construction. These design revisions will be accompanied by the necessary change order documents (Contract Change Order, Extra Work Order, or State Force Order) to make them part of the construction contract. This work is limited to 80 hours of total effort.

13.9 Record Drawings

Complete record drawings for the 159 plan sheets representative of the “as constructed” project based on County and Contractor supplied redlines. Record Drawings will be completed electronically utilizing Bluebeam editing software (no CAD edits) incorporating a common Record Drawing stamp in the title block with the final version provided to the County in electronic PDF format.

Task Deliverables

- Construction Handoff Meeting Agenda.
- Documentation of design change and/or field discussion via email.
- Responses to contractor submittals.
- Responses to RFIs, including preparing supplemental drawings
- Change orders, design clarifications, design modifications, and other documents to support requests from the County.
- 11”x17” As-Built Plans (.pdf).

Task 14 – Environmental Compliance

The Consultant will complete Environmental Permitting and Reporting during construction as follows:

14.1 Fish Salvage and Reporting

The project will require stream isolation, dewatering, and fish capture and relocation measures (fish salvage) within Pecan Creek during in-water work associated with the replacement of the culvert under SW Childs Rd. and realignment of the creek upstream of the new crossing. Fish salvage may also be required in a tributary of Pecan Creek where the project will extend the size of an existing culvert under SW Stafford Rd. if flow conditions in the tributary during construction warrant fish salvage.

Consultant will apply for a Scientific Take Permit (STP) from the Oregon Department of Fish and Wildlife (ODFW) to authorize and document the fish salvage effort. This permit typically takes 4-6 weeks to process so the permit must be issued prior to the start of the 2025 in-water work window (July 15 - September 30). Consultant will conduct the required fish salvage and reporting actions per the terms and conditions outlined in the U.S. Army Corps of Engineers’ (USACE) Standard Local Operating Procedures for Endangered Species (SLOPES) V programmatic Biological Opinion (BO). Consultant will coordinate with the County Project Manager to determine specific project construction timeframes relative to proposed in-water work and fish salvage. Consultant shall complete the fish salvage operations in accordance with ODFW, SLOPES V, and National Marine Fisheries Service (NMFS) guidance and regulations. Consultant shall prepare a fish salvage summary report in SLOPES V format for delivery to USACE and NMFS following the fish salvage effort per SLOPES V and USACE permit requirements. Consultant shall also close out the STP by providing ODFW with the results of the fish salvage effort in late 2025.

Assumptions:

- The fish salvage efforts shall be conducted during the in-water work window for the project: July 15 – September 30.
- Consultant shall apply for a single STP prior to construction mobilization so that the STP is issued in advance of in-water work.
- The County shall notify Consultant at least five (5) business days before the need for fish salvage.
- No more than three (3) single-day fish salvage efforts will be required for the project.
- All fish salvage equipment shall be provided by Consultant.
- This task does not include other site visits or meetings.

Deliverables

- Consultant shall prepare a STP application for ODFW to authorize fish salvage operations.
- Consultant shall prepare a Fish Salvage Report Form in SLOPES V format following the fish salvage effort and will submit the Fish Salvage Report Form required by SLOPES V to USACE and NMFS within 60 days of the final fish salvage effort.
- Consultant shall prepare and submit an electronic on-line fish salvage summary report per STP requirements documenting the results of the fish salvage effort conducted during the 2025 in-water work window to ODFW by December 31, 2025.

14.2 SLOPES Action Completion and Site Restoration Reports

To meet the requirements of Reasonable and Prudent Measure #1 of the SLOPES V BO, Consultant shall conduct a final inspection of the project site and prepare a project Action Completion Report and Site Restoration/Compensatory Mitigation Report in SLOPES V format. During this effort Consultant shall review the project site for compliance with regulated actions such as wetland and waters impacts, culvert construction, and site restoration. The Action Completion Report Form will be completed and submitted to the appropriate authorities within 60 days of project completion. The Site Restoration/Compensatory Mitigation Report Form will be completed and submitted to the appropriate authorities by December 31, 2026, per SLOPES V requirements.

Assumptions:

- The project will be completed in the 2026 construction season.
 - The County shall notify Consultant within one (1) week of project completion and within one (1) week of final restoration plantings installation.
 - The post-construction monitoring effort will require one (1) day of work time for one (1) Consultant biologist.
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Deliverables

- Draft/Final SLOPES V Action Completion Report.
- Draft/Final SLOPES V Site Restoration/Compensatory Mitigation Report.

14.3 DSL Post-Construction Monitoring and Report

The forthcoming Oregon Department of State Lands (DSL) permit for the project is expected to require completion of a post-construction inspection of the project site to review project conditions and any deviations from design plans and the DSL permit within 90 days of installation of restoration plantings. A corresponding report will be required for submittal to DSL to confirm the project was implemented as permitted. Consultant will conduct the DSL post-construction monitoring effort and prepare the corresponding report to include specific reporting metrics listed in the DSL permit.

Assumptions:

- The County shall notify Consultant within one (1) week of final restoration plantings installation.
- The post-construction monitoring effort will require one (1) day of work time for one (1) Consultant biologist.
- The post-construction monitoring report shall be prepared in Consultant format consistent with DSL standards.
- This task does not include the anticipated DSL-required three-year post-construction monitoring and reporting efforts.

Deliverables

- Draft/final DSL Post-Construction Monitoring Report.

14.4 Fish Passage Monitoring and Reporting

Consultant will conduct fish passage monitoring at the new Pecan Creek crossing to demonstrate that the improved crossing provides fish passage conditions that meet ODFW criteria and the terms and conditions of the project's forthcoming fish passage plan approval. Consultant shall conduct a post-construction, "as-built" fish passage monitoring and reporting effort within 60 days of project site restoration activities. Fish passage monitoring will also likely be required during the first, third, and fifth year after construction per ODFW's standard fish passage plan approval requirements. This SOW only includes Consultant fish passage monitoring and reporting for the post-construction, "as-built" project phase and additional, future monitoring and reporting by Consultant would require a contract amendment.

The monitoring effort will be completed to confirm that project-related fish passage elements were constructed and functioning in accordance with project designs and ODFW's approved fish

passage plan. Fish passage monitoring will involve a visual assessment of channel conditions, and visual depth and discharge assessments. Consultant shall also review local stream gage data (if available) to determine periods when streambed stability may be compromised. Consultant shall establish fixed photo monitoring point locations to photo-document stream channel and fish passage conditions for the monitoring effort.

Consultant will prepare a post-construction fish passage monitoring report that summarizes fish passage monitoring results. Consultant will submit the monitoring report to the County for review and submittal to ODFW to satisfy fish passage monitoring requirements. The monitoring report will address the monitoring criteria included in the project's ODFW fish passage approval, include representative photographs, and note improvements to fish passage conditions resulting from the project.

Assumptions:

- This task includes one (1) fish passage monitoring effort in 2025 or 2026 by one (1) Consultant fish biologist to review and document on-site fish passage conditions.
- Additional fish passage monitoring and reporting by Consultant will require a SOW and contract amendment.
- Consultant will notify the County Project Manager immediately if a potential fish passage compliance issue is observed during monitoring.
- Fish passage monitoring will be conducted within the project-related fish passage stream enhancement area. Stream channels and banks outside of these areas will not be monitored.
- Monitoring will be completed during stream and weather conditions that are deemed safe by Consultant monitoring staff.
- Consultant will be provided access to the site and stream channel monitoring locations. Any right-of-entry needs to monitoring locations will be addressed by the County.
- On-site stream discharge measurements are not included in this SOW.
- The monitoring report will be submitted to ODFW within 60 days of final site restoration.
- The monitoring report will be prepared in Consultant format.

Deliverables

- Draft/final Annual Fish Passage Post-Construction Monitoring Report.

Task 15 – Construction Survey Support

- **Post Construction Record of Survey –**
 - Perform control and boundary recovery survey.
 - Reduce field re-survey data and prepare a report summarizing the as-built location and elevation of all tied points.
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- Provide the County with the reports showing the as-built horizontal position and elevation of the tied points compared to the design position and elevation of the points.
- File a post construction record of survey to the County Surveyor according to ORS 209.155 and County standards. This will include:
 - Document numbers from the right-of-way acquisition agreements.
 - Right-of-way acquired by the project.
 - Right-of-way monuments at PC's, PT's and 1000 feet maximum spacing (70+/- monuments assumed).
 - Reset monuments removed inside the construction limits and outside or on the new right-of-way (28 CL monuments assumed). Monuments to be furnished by Consultant.
 - File the post-construction record of survey with the Clackamas County Surveyor's office.

Deliverables

- Field staking and replacing of survey monuments.
- Post construction Record of Survey.

The additional effort required to complete this work is described in the attached fee estimate. The total additional estimated fee is \$379,343. The additional effort will be conducted in accordance with the original Scope of Work.

Sincerely,



CONSOR North America, Inc
Gabriel Crop, PE
Principal Engineer

04/15/202

Attached: Amendment No. 5 - Fee Estimate and Schedule of Charges

Exhibit H
Fee Schedule

STAFFORD RD (PATTULO WY TO CHILDS RD)
 CLACKAMAS COUNTY
 PROPOSED FEE ESTIMATE - AMENDMENT #5

	LABOR CLASSIFICATION (HOURS)									Hours	Labor	Subconsultants				Multiplier % Markup	Subconsultant Total with Markup	Expenses	Total				
	Principal Engineer III	Construction Manager X	Professional Engineer VIII	Professional Engineer VIII	Professional Engineer IV	Principal Engineer I	Professional Engineer IV	Inspector IV				3-Point Geomatics	MB&G	Kittelson	S&W								
	\$308	\$320	\$252	\$252	\$202	\$277	\$202	\$182															
Average Billing Rate Estimated per Classification/Staff Name	Crop	Hedberg	AdamsWil	Owens	Ebbighausen	McMurtrey	Wiggins	Hall															
Task 1 - Project Management																							
Coordinate internal and subconsultant tasks (12 months)	24		24						48	\$	13,440				1.0	\$	-	\$	-	\$	13,440		
Monthly check-in meetings (12 months)	12		12						24	\$	6,720				1.0	\$	-	\$	-	\$	6,720		
Monthly invoices (36 months)	18		36						54	\$	14,616				1.0	\$	-	\$	-	\$	14,616		
Task 1 Subtotal	54	0	72	0	0	0	0	0	126	\$	34,776	\$	-	\$	-	\$	-	\$	-	\$	34,776		
Task 4 - Stormwater / Hydraulics Related Services																							
Task 4.5 - Stormwater Design Report (update)				16					16	\$	4,032				1.0	\$	-	\$	-	\$	4,032		
Task 4 Subtotal	0	0	0	16	0	0	0	0	16	\$	4,032	\$	-	\$	-	\$	-	\$	-	\$	4,032		
Task 10 - Final Design																							
Task 10.3 - Stormwater design updates per WES comments after 90% design	4		8	40		16	60		128	\$	29,880				1.0	\$	-	\$	-	\$	29,880		
Stormwater design updates per WES comments after Final design	4		4	36		16	40		100	\$	23,824				1.0	\$	-	\$	-	\$	23,824		
Task 10.4 - PS&E Updates									0	\$	-				1.0	\$	-	\$	-	\$	-		
Monthly response to County requests	12		24				12		48	\$	12,168				1.0	\$	-	\$	-	\$	12,168		
Special provisions updates	2		16				4		22	\$	5,456				1.0	\$	-	\$	-	\$	5,456		
Plan updates and check set	12		40	20		20	80		172	\$	40,516		\$	4,000	1.0	\$	4,000	\$	-	\$	44,516		
Final plan updates and stamped plans delivery	4		12	2		2	20		40	\$	9,354		\$	1,000	1.0	\$	1,000	\$	-	\$	10,354		
Task 10 Subtotal	38	0	104	98	0	54	216	0	510	\$	121,198	\$	-	\$	5,000	\$	-	\$	-	\$	126,198		
Task 11 - Right-of-Way Research, Descriptions, Appraisals and Acquisition																							
Task 11.4 - Updated legal description for File 14			1						1	\$	252	\$	685		1.0	\$	685	\$	-	\$	937		
Task 11 Subtotal	0	0	1	0	0	0	0	0	1	\$	252	\$	685	\$	-	\$	-	\$	-	\$	937		
Task 13 - Construction Phase Services																							
Task 13.1 - Handoff Package and Meeting	4		12				24		40	\$	9,104				1.0	\$	-	\$	-	\$	9,104		
Task 13.2 - Preconstruction Meeting	3		3						6	\$	1,680				1.0	\$	-	\$	23	\$	1,703		
Task 13.3 - Weekly Construction Meetings	24		15				15		54	\$	14,202			\$	953	1.0	\$	953	\$	407	\$	15,562	
Task 13.4 - Site Visits	15						63		78	\$	17,346		\$	2,000	\$	2,126	1.0	\$	4,126	\$	543	\$	22,015
Task 13.5 - Submittal Review			18				53		70	\$	15,015		\$	1,500	\$	1,410	1.0	\$	2,910	\$	-	\$	17,925
Task 13.6 - RFI and Change Order Review			22				22		22	\$	5,544		\$	1,500	\$	940	1.0	\$	2,440	\$	-	\$	7,984
Task 13.7 - Design Clarifications	30		55				70		155	\$	37,240		\$	1,000		1.0	\$	1,000	\$	-	\$	38,240	
Task 13.8 - Design Revisions	8		24				48		80	\$	18,208		\$	1,500		1.0	\$	1,500	\$	-	\$	19,708	
Task 13.9 - Record Drawings	4		14	4		4	56		82	\$	18,188		\$	2,500		1.0	\$	2,500	\$	-	\$	20,688	
Task 13 Subtotal	88	0	163	4	0	4	329	0	587	\$	136,527	\$	-	\$	10,000	\$	5,429	\$	15,429	\$	972	\$	152,928
Task 14 - Environmental Compliance																							
Task 14.1 - Fish Salvage and Reporting									0	\$	-	\$	13,111		1.0	\$	13,111	\$	-	\$	13,111		
Task 14.2 - SLOPES Action Completion and Site Restoration Reports									0	\$	-	\$	4,289		1.0	\$	4,289	\$	-	\$	4,289		
Task 14.3 - DSL Post-Construction Monitoring and Report									0	\$	-	\$	4,973		1.0	\$	4,973	\$	-	\$	4,973		
Task 14.4 - Fish Passage Monitoring and Reporting									0	\$	-	\$	4,562		1.0	\$	4,562	\$	-	\$	4,562		
Task 14 Subtotal	0	0	0	0	0	0	0	0	0	\$	-	\$	26,935	\$	-	\$	-	\$	26,935	\$	-	\$	26,935
Task 15 - Construction Survey Support										\$	-												
Post Construction Record of Survey									0	\$	-	\$	33,537		1.0	\$	33,537	\$	-	\$	33,537		
Task 15 Subtotal	0	0	0	0	0	0	0	0	0	\$	-	\$	33,537	\$	-	\$	-	\$	-	\$	33,537		
TOTAL - ALL TASKS	180	0	340	118	0	58	545	0	1240	\$	296,785	\$	34,222	\$	26,935	\$	15,000	\$	5,429	\$	81,586	\$	379,343

2024 SCHEDULE OF CHARGES

Personnel:

Labor will be invoiced by staff classification at the following hourly rates, which are valid from January 1, 2024 through December 31, 2026. After this period, the rates are subject to adjustment.

<u>Billing Classifications</u>	<u>2024 Rates</u>	<u>Billing Classifications</u>	<u>2024 Rates</u>
Principal Engineer VI	\$371	Project Coordinator IV	\$183
Principal Engineer V	\$347	Project Coordinator III	\$170
Principal Engineer IV	\$328	Project Coordinator II	\$152
Principal Engineer III	\$308	Project Coordinator I	\$134
Principal Engineer II	\$291	Administrative III	\$134
Principal Engineer I	\$277	Administrative II	\$124
Principal III	\$375	Administrative I	\$109
Principal II	\$328	Cost Estimator III	\$305
Principal I	\$289	Cost Estimator II	\$244
Project Manager IV	\$273	Cost Estimator I	\$183
Project Manager III	\$260	Construction Manager X	\$320
Project Manager II	\$232	Construction Manager IX	\$299
Project Manager I	\$203	Construction Manager VIII	\$283
Professional Engineer IX	\$265	Construction Manager VII	\$273
Engineering Designer IX	\$259	Construction Manager VI	\$254
Professional Engineer VIII	\$252	Construction Manager V	\$233
Engineering Designer VIII	\$244	Construction Manager IV	\$221
Professional Engineer VII	\$238	Construction Manager III	\$202
Engineering Designer VII	\$234	Construction Manager II	\$186
Professional Engineer VI	\$227	Construction Manager I	\$166
Engineering Designer VI	\$222	Inspector VII	\$233
Professional Engineer V	\$214	Inspector VI	\$215
Engineering Designer V	\$209	Inspector V	\$195
Professional Engineer IV	\$202	Inspector IV	\$182
Engineering Designer IV	\$206	Inspector III	\$161
Professional Engineer III	\$195	Inspector II	\$144
Engineering Designer III	\$199	Inspector I	\$125
Engineering Designer II	\$184	Quality Control Compliance Specialist	\$195
Engineering Designer I	\$170		
Technician IV	\$212		
Technician III	\$192		
Technician II	\$169		
Technician I	\$146		

Project Expenses:

Expenses incurred that are directly attributable to the project will be invoiced at actual cost. These expenses include the following:

Mileage	Current IRS Rate
Postage and Delivery Services	At Cost
Printing and Reproduction	At Cost
Travel, Lodging, and Subsistence	At Cost

Outside Services:

Outside technical, professional, and other services will be invoiced at actual cost.