

SUPPLEMENTAL AGREEMENT NO. 04
FOR PROFESSIONAL SERVICES
City of Olathe, Kansas

This Supplemental Agreement made this _____ day of _____, 2024, by and between the City of Olathe (“City”) and HDR Engineering, Inc. (“Consultant”) (collectively, the “Parties”).

WHEREAS, the City and Consultant have previously entered into an Agreement, dated February 2nd, 2021 (“the Agreement”), FOR Professional Services Agreement for the 119th Street, Woodland to Northgate, Improvement Project; PN 3-C-024-21 (“Project”); and

WHEREAS, Section II.B.2 Additional Services of the Agreement provides that Consultant will provide, with City’s concurrence, services in addition to those listed in the Agreement when such services are requested or authorized in writing by the City; and

WHEREAS, this Supplemental Agreement between the Parties is to provide Inspection and Construction Phase Services for the Project as outlined in **Exhibit A** of this Supplemental Agreement, attached hereto and incorporated herein by reference; and

WHEREAS, the City is desirous of entering into this Supplemental Agreement to pay the Consultant for additional services rendered to the City related to the Project; and

WHEREAS, the City is authorized and empowered to contract with the Consultant for the necessary additional services in this Supplemental Agreement.

NOW THEREFORE, the Parties hereby agree as follows:

- A. The Agreement is hereby amended as follows: The scope of services now includes Exhibit A of this Supplemental Agreement.
- B. The total fee for the additional professional services provided pursuant to this Supplemental Agreement is \$1,378,388, which raises the total fee for all services provided under the Agreement from **Five million, six hundred and five thousand, two hundred and twenty five dollars (\$5,605,225.00)** to **Six million, nine hundred eighty three thousand, six hundred and thirteen dollars (\$6,983,613.00)**.

IN ALL OTHER RESPECTS, the terms and conditions of the Agreement will remain in full force and effect, except as specifically modified by any prior written Supplemental Agreement approved by the Parties and by this Supplemental Agreement, including all policies of insurance which will cover the work authorized by this Supplemental Agreement.

IN WITNESS WHEREOF, the Parties have caused this Supplemental Agreement to be

executed as of the day and year first above written.

CITY OF OLATHE, KANSAS

By: _____
(Mayor)

ATTEST:

City Clerk

(SEAL)

APPROVED AS TO FORM:

City Attorney or Deputy/Assistant City Attorney

HDR ENGINEERING, INC.

By: _____
Cory Imhoff, Senior Vice President
10450 Holmes Road, Suite 600
Kansas City, MO 64131

EXHIBIT A

Description of Project

This scope of services includes additional services to the original Design Consultant contract Project No. 3-C-024-21 "119th Street, Woodland to Northgate" executed on February 2, 2021. The additional services include additional construction services for shop drawing reviews and RFI and construction observation and inspection services for the bridge construction, and as outlined in Exhibit A, Scope of Services, for additional services.

EXHIBIT A Scope of Services

This scope of services is intended to supplement the final construction plan services previously contracted and provide construction observation and inspection services for the project described in Exhibit A and as described in more detail herein.

Plans shall be formatted according to the City of Olathe Project Procedures Manual. Plans shall be in ENGLISH units.

General Design Requirements

The consultant shall design the Project in conformity with the city, state and federal design criteria appropriate for the Project in accordance with the original agreement dated 2-1-2021. City specific requirements shall govern over other publications if conflicts exist.

Task I Construction Phase Services

- 1.01 The scope and hours described in Task 1 are added hours to accommodate additional elements that were added since Supplement 1 including additional retaining walls and storm sewer inlets for which additional effort will be needed for shop drawing reviews and RFI.

Completion Time:

This anticipates the project is ready for bid by September 2, 2024. Construction Phase Services (Task 1) will be complete in 2027, assuming most of construction in 2025 and 2026. This assumes HDR receives written notice to proceed by November 6, 2024, and assumes timely reviews, input, and data-provided by City staff.

Tasks 2-5: Construction Observation and Inspection

Scope of Services Summary:

This document defines the scope of services for HDR Engineering Inc. (HDR) for field construction inspection services on the **119th Street Project (Woodland Road to Northgate) City PN 3-C-024-21, CARS Project No. 320001382**. The scope of services is to provide Inspection staff to support the City of Olathe with inspection and observation of construction of project structural components, including the construction of the bridges (2) over the BNSF Railroad/Mill Creek/Gary Haller Trail, as well as the project retaining walls. The administration of the highway construction contract will be conducted by the City of Olathe.

Schedule: The anticipated start date for the project and inspection scope of services is **December 1, 2024**. The final completion of the field observation is anticipated to be the end of **January 31, 2027**. It is assumed one full time Sr. Construction Inspector for field inspection of the bridges is required, along with support from an additional Construction Inspector providing support during peak periods of bridge construction work. HDR assumes the project working days will be weekdays, Monday through Friday.

HDR's inspection services for the bridges will follow the procedures of the Current Version of the Kansas Department of Transportation (KDOT) Standard Specifications for State Road and Bridge Construction. Inspection procedures for the retaining wall construction will follow the KDOT specifications listed above, and the City of Olathe Technical Specifications for Public Improvement Projects, Revised January 2023.

The responsibilities of HDR will include the following tasks:

1.0 Inspection of Bridge and Retaining Wall Construction Activities

HDR Bridge Inspection Staff: HDR shall provide the services of a full-time Inspector(s) at the Site to assist the City of Olathe and to provide more extensive observation of Contractor's Work specifically for the Bridges and the Retaining walls. HDR will communicate with the City Design PM, City lead inspector, and the Contractor immediately when safety issues are observed by HDR. HDR will document safety issues observed and document corrective actions taken by the Contractor.

Provide inspection services to ascertain conformance to Plans and Specifications for bridge and retaining wall structures being constructed as part of the project. Observe, measure, and record quantities for payment. Record field measurements in project records for review by the City. The records will include daily diary reports, weekly material and quantity summary reports, and monthly progress reports.

Field inspection includes the following staff support and roles for this project:

- A. **Senior Construction Inspector:** Provide daily on-site bridge and retaining wall construction inspection for construction activities. Working days are Monday through Friday (7AM to 5:30PM) at 10 hours per day for one Senior Construction Inspector. On typical days of travel to the project locations from the Kansas City HDR office, the Construction Inspector will spend approximately 10 hours on site. The Senior Inspector will attend construction progress meetings and represent the city for the bridge, retaining walls, and project structural related scope of work. The Senior Inspector will attend additional project meetings including a kickoff meeting, utility meetings that involve utilities associated with the bridge construction, close out meeting, and punch list/walk through meeting.
- B. **Senior Quality Control/Supervisory Construction Inspector/Engineer:** HDR's Sr. Quality Control/Supervisory Construction Inspector/Engineer will make periodic site visits during the project duration. It is assumed that the supervisory visits to review quality procedures will occur on average of one day per month for the project duration. The Sr. Quality Control/Supervisory Construction Inspector will audit HDR inspection staff utilizing QA/QC procedures and will conduct field checks on performance and project duties described in the contract and review documents.
- C. **Construction Inspector:** The Construction Inspector will supplement and support the Senior Construction Inspector during the periods of the project when construction activities on the bridges and retaining walls require additional inspection support (example: when construction volume is at a level that requires multiple inspectors to support the scale of work being performed). The Inspector will make one-day site visits to the project site to perform daily inspection in a manner that supplements the Senior Bridge Construction Inspector as needed for project coverage. It is assumed that day trips will occur during the week Monday through Friday (7:00AM to 3:30PM) at equal to 8 hours/day for the months shown in the fee.

HDR will be on site daily when the contractor(s) are performing construction activities for structural components of the bridges and/or retaining walls. HDR will observe and perform services as an experienced and qualified construction inspection professional to track the progress of Contractor's executed work. Based on information observed during daily inspection, HDR will determine in general if bridge and retaining wall construction are proceeding in accordance with the Construction Contract Documents, and HDR shall keep City informed of the progress of the Work.

HDR's on-site inspection will include the following bridge construction activities and milestones:

1. Grading and elevations and sub grade checks for bridge approaches
2. Foundation:
 - a. Observation of Geotechnical Investigative Core Holes.
 - b. Observation of Foundation Installation.
 - c. Observation of Sonic Testing.
3. Pier:
 - a. Pier Column Pre-Pour, Pour, and Post Pour
 - b. Pier/Bent Cap Pre-Pour, Pour, and Post Pour
4. Abutments:
 - a. Cap- Pre-Pour, Pour, and Post Pour
 - b. Backwalls- Pre-Pour, Pour, and Post Pour
5. Bridge Seat: Observation of survey of elevations checks by contractor to confirm
6. Beam Placement: Observation of survey of elevations checks by contractor for camber of beams to determine fillet requirements of deck.
7. Bridge Deck: Forms, Rebar, Pour, and Post Pour
8. Sidewalk: Pre-Pour, Pour, and Post Pour
9. Barrier Wall: Pre-Pour, Pour, and Post Pour
10. Approach slabs: Pre-Pour, Pour and Post Pour.

HDR's on-site inspection will include the following retaining wall construction activities and milestones:

1. Grading and elevations and sub grade checks for retaining walls
2. Foundation:
 - a. Observation of Foundation Installation (MSE Walls)
 - b. Pre-Pour, Pour, and Post Pour (CIP Retaining Walls)
3. Wall:
 - a. Observation of MSE Wall Installation according to construction plans and specifications
 - b. Pre-pour, Pour, and Post Pour (CIP Retaining Walls)
4. Backfill: Observation of compaction of backfill according to construction plans and specifications
5. Wall Cap: Pre-Pour, Pour, and Post Pour

HDR inspection staff will not supervise, direct, or control construction activities. HDR will not have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction used by the contractor for security/safety at the site, for safety precautions and programs incident to the contractor work, for coordination of the contractor's schedule, nor for failure of the contractor to comply with laws and regulations applicable to furnishing and performing the work. HDR neither guarantees the performance of the contractor nor assumes responsibility for the contractors' failure to furnish or perform the work or portions of the work, in accordance with the construction contract Documents.

2.0 Inspection Response to Defective Work

If HDR's inspection and observation results in the determination of bridge or retaining wall construction work is defective under the terms and standards set forth in the Construction Contract Documents, HDR will issue written and verbal notice to the City.

HDR will provide documented recommendations to the City regarding whether Contractor should correct, remove and replace, or whether the City should consider accepting the defective work in accordance with the provisions of the Construction Contract Documents. However, HDR's authority to provide this information to the City or HDR's decision to exercise or not exercise such authority will not give rise to a duty or responsibility of HDR to Contractors, Subcontractors, material and equipment suppliers, their agents or employees, or other

person(s) or entities performing the Work, including but not limited to duty or responsibility for Contractors' or Subcontractors' safety precautions and programs incident to the work.

3.0 Materials Inspections and Testing (By Others)

HDR will receive and review certificates of inspections, tests, and approvals required. HDR's review of such certificates will be for the purpose of determining whether the results certified indicate compliance with the Construction Contract Documents and will not constitute an independent evaluation that the content or procedures of such inspections, tests, or approvals comply with the requirements of the Construction Contract Documents.

4.0 Contractor Application for Payment (Bridge and Retaining Wall Bid Items Only)

HDR will review the contractor's Application for Payment based on HDR's observations as an experienced and qualified construction professional. HDR will review and respond to the City on the submitted quantities requested for payment to the Contractor for bridge and retaining wall construction. HDR response will be in writing and will express HDR's representation to the City, based on such observations and review, that, within the limits of HDR's knowledge, information and belief, Contractor's work has progressed to the point indicated, the Work is generally in accordance with the Construction Contract Documents.

5.0 Development of Field Set Record Drawings and Daily Diary of Construction Progress

HDR will prepare a daily report and keep a diary or log book describing hours on site and the following items:

- A record of the Contractor(s) working on the bridge and/or retaining walls
- Project personnel (number and classification)
- Equipment (number and type or size)
- Location and work performed by each Contractor or Subcontractor. Materials testing.
- Conversations with the Contractor
- Documentation for non-conformance and corrective actions
- Events and activities of note on the project
- Documentation of accidents such as police report numbers, causes, time, etc.
- Weather, amount of precipitation, temperature, conditions during the day.
- Equipment arriving or leaving the project, idle equipment.
- Other details that may be important later in the project life.

HDR will photograph work in progress and maintain records for use in preparing project documentation.

HDR will inform City of the occurrence of site accidents, emergencies, natural catastrophes endangering the work, possible force majeure or delay events, damage to property by fire or other causes, or the discovery of potential differing site condition or Constituent of Concern.

HDR will participate in substantial completion, assist in the determination of substantial completion, and prior to the issuance of a Certificate of Substantial Completion submit a punch list of observed items requiring completion or correction.

The responsibilities of the City of Olathe:

1. Provide a Project Supervisor/Lead Inspector for the administration of the overall construction project.
2. Provide project management and administration staff.
3. Coordinate public information/relations.
4. Provide materials testing laboratory for all project construction testing requirements.

5. Provide inspection services for materials manufactured off site (i.e. bridge girders, pre-cast products).

Assumptions for Task 1:

1. No KDOT Coordination will be required.

Assumptions for Inspection Services (Tasks 2-5):

1. City will receive, record, and distribute shop drawings and submittals, RFI's, Work Change directives, and request for substitutes. City will be responsible for processing, review, and approvals of change orders. HDR will support the City on review and recommendation of items above.
2. City will schedule and coordinate weekly progress meetings. HDR field inspectors will attend each progress meeting.
3. City will manage the SWPPP.
4. HDR inspectors will not authorize deviation, modification, or changes to the construction documents.
5. HDR inspectors will not advise on, issue directions relative to, or assume control over the means, methods, techniques, sequences of construction work by the Contractor.
6. HDR will not advise on, issue directions regarding, or assume control over security or safety practices and precautions in connection with operations of the City, BNSF, or the Contractor. HDR's obligation to report any observed unsafe job site conditions or unsafe work practices of construction contractor(s) to the OWNER and record same in the daily construction log shall not make HDR responsible for construction job site safety, the responsibility of which remains solely that of the construction contractor(s). HDR's obligation to report to the OWNER unsafe job conditions or unsafe work practices runs solely to the OWNER and is purely an administration function. There are no third-party beneficiaries intended by this contractual obligation, including, but not limited to, construction contractors and/or their employees.
7. HDR will not perform field or laboratory materials tests or inspections. HDR will coordinate with the City's testing firm as needed to conduct field tests and receiving of City's testing firm's laboratory results.
8. Certified material test reports will be provided to the inspection staff. It is assumed premanufactured materials besides concrete are certified prior to delivery of the project.
9. If required, either City staff or material testing service will provide an inspector at the concrete batch plant.
10. Mileage was assumed as \$0.78/mile in 2024 and increases 4% per year.

EXHIBIT A - Scope of Services, 119th Street (Woodland to Northgate)

Item of Work	Project Manager	Quality Control Engineer	Senior Structural Engineer	Project Engineer	Design Engineer (PE)	Design Engineer (EI)	CADD Technician II / Survey Technician II	CADD Technician I / Survey Technician I	Professional Surveyor	Inspection Project Manager	Quality Control Senior Inspector/Engineer	Construction Field Inspector (Sr.)	Construction Field Inspector (II)	Administration and Accounting	Total
Task 1. Construction Phase (2025 & 2026) (added scope)															
1.01. Additional Shop drawing reviews for additional retaining walls and inlets. Added time for RFI.	8	8	20	32	32	0	0	0	0	0	0	0	0	0	100
Subtotal	8	8	20	32	32	0	0	0	0	0	0	0	0	0	100
Labor															
Project Manager @ \$303.00/hr.															\$2,424
Quality Control Engineer @ \$313.00/hr.															\$2,504
Senior Structural Engineer @ \$313.00/hr.															\$6,260
Project Engineer @ \$197.00/hr.															\$6,304
Design Engineer (PE) @ \$221.00/hr.															\$7,072
Design Engineer (EI) @ \$157.00/hr.															\$0
CADD Technician II / Survey Technician II @ \$191.00 /hr.															\$0
CADD Technician I / Survey Technician I @ \$128.00 /hr.															\$0
Professional Surveyor @ \$186.00 /hr.															\$0
Inspection Project Manager @ \$230.00/hr.															\$0
Quality Control Senior Inspector/Engineer @ \$260.00/hr.															\$0
Construction Field Inspector (Sr.) @ \$150.00/hr.															\$0
Construction Field Inspector (II) @ \$140.00/hr.															\$0
Administration and Accounting @ \$130.00 /hr.															\$0
Task 1. Estimated Labor Costs:															\$24,564
Expenses															
Printing and Reproduction															\$0
Travel															\$250
Task 1. Estimated Expenses:															\$250
Task 1. Total Estimated Fee															\$24,814
Task 2. Construction Phase (2024 Field Inspection Services)															
2.1. Project Management & Administration															
A. Meet with City. Assumes Bi-Weekly meetings for the year of 2024. Meeting agenda will be prepared and distributed prior to the progress meetings and minutes will be distributed following the meeting.											2				2
B. Correspondence with City, utilities, sub-consultants, property owners, BNSF, and project stakeholders and agencies on project related items via virtual meetings, phone, or email.					20					8					28
C. Project administration, budgeting, submittals, coordination, and reporting to City on monthly invoices, work progress report, schedule, and financial status of project.										8			6		14
2.2. Daily Field Inspection of Structures															0
A. December: Project Start up and Kick off Activities including field set up, review of bid plans, specifications, and estimate, review of project site and field conditions, review of BNSF existing conditions and construction agreements, preparatory meetings with owner project stakeholders and project team.										8	16	80			104
2.3 Construction Phase Survey															0
A. Verification of the contractor construction staking for the bridge foundation element layout. (Two Survey Technicians for Two site visit @ 5 hrs/visit).					8		20	6	2						36
Subtotal	0	0	0	0	28	0	0	20	6	26	18	80	0	6	184
Labor															
Inspection Project Manager @ \$230.00/hr.															\$5,980
Quality Control Senior Inspector/Engineer @ \$260.00/hr.															\$4,680
Construction Field Inspector (Sr.) @ \$150.00/hr.															\$12,000
Construction Field Inspector (II) @ \$140.00/hr.															\$0
Senior Structural Engineer @ \$313.00/hr.															\$0
Design Engineer (PE) @ \$221.00/hr.															\$6,188
Project Engineer (EI) @ \$157.00 /hr.															\$0
CADD Technician I / Survey Technician I @ \$128.00 /hr.															\$2,560
Professional Surveyor @ \$186.00 /hr.															\$1,116
Administration and Accounting @ \$130.00 /hr.															\$780
Task 2. Estimated Labor Costs:															\$33,304
Expenses															
Survey Equipment/Materials															\$0
Printing and Reproduction															\$0
Travel / Miscellaneous															\$500
Task 2. Estimated Expenses:															\$500
Task 2. Total Estimated Fee															\$33,804
Task 3. Construction Phase (2025 Field Inspection Services)															
3.1. Project Administration															
A. Meet with City. Assumes Bi-weekly meetings for the year of 2025. Meeting agenda will be prepared and distributed prior to the progress meetings and minutes will be distributed following the meeting.											24				24
B. Correspondence with City, utilities, sub-consultants, property owners, BNSF, and project stakeholders and agencies on project related items via virtual meetings, phone, or email.										24					24
C. Project administration, budgeting, submittals, coordination, and reporting to City on monthly invoices, work progress report, schedule, and financial status of project.										72			40		112

EXHIBIT A - Scope of Services, 119th Street (Woodland to Northgate)

Item of Work	Project Manager	Quality Control Engineer	Senior Structural Engineer	Project Engineer	Design Engineer (PE)	Design Engineer (EI)	CADD Technician II / Survey Technician II	CADD Technician I / Survey Technician I	Professional Surveyor	Inspection Project Manager	Quality Control Senior Inspector/Engineer	Construction Field Inspector (Sr.)	Construction Field Inspector (II)	Administration and Accounting	Total
3.2. Daily Field Inspection of Structures															
A. Construction Period - 1 (Senior Inspector Assumed 8 days)											16	80			96
B. Construction Period - 2 (Senior Inspector Assumed 20 days)											16	200			216
C. Construction Period - 3 (Senior Inspector Assumed 25 days)											16	250	80		346
D. Construction Period - 4 (Senior Inspector Assumed 25 days)											16	250	200		466
E. Construction Period - 5 (Senior Inspector Assumed 19 days)											16	190	152		358
F. Construction Period - 6 (Senior Inspector Assumed 20 days)											16	200	160		376
G. Construction Period - 7 (Senior Inspector Assumed 19 days)											16	190	152		358
H. Construction Period - 8 (Senior Inspector Assumed 20 days)											16	200	160		376
I. Construction Period - 9 (Senior Inspector Assumed 24 days)											16	240	192		448
J. Construction Period - 10 (Senior Inspector Assumed 25 days)											16	250	200		466
K. Construction Period - 11 (Senior Inspector Assumed 18 days)											16	180	144		340
L. Construction Period - 12 (Senior Inspector Assumed 19 days)											16	190			206
M. Structural Engineer/Design team support and answering questions from construction inspection team			52												52
3.3. Construction Phase Survey															
A. Verification of the contractor construction staking for the bridge elements; Top of Column elevations and alignment. (Two Survey Technicians for Two site visit @ 5 hrs/visit).					8			20	6	2					36
Subtotal	0	0	52	0	8	0	0	20	6	98	216	2,420	1,440	40	4,300
Labor															
Inspection Project Manager @ \$235.00/hr.															\$23,030
Quality Control Senior Inspector/Engineer @ \$270.00/hr.															\$58,320
Construction Field Inspector (Sr.) @ \$155.00/hr.															\$375,100
Construction Field Inspector (II) @ \$145.00/hr.															\$208,800
Senior Structural Engineer @ \$320.00/hr.															\$16,640
Design Engineer (PE) @ \$230.00/hr.															\$1,840
Project Engineer (EI) @ \$165.00/hr.															\$0
CADD Technician I / Survey Technician I @ \$135.00 /hr.															\$2,700
Professional Surveyor @ \$195.00 /hr.															\$1,170
Administration and Accounting @ \$135.00 /hr.															\$5,400
Task 3. Estimated Labor Costs:															\$693,000
Expenses															
Survey Equipment/Materials															\$0
Printing and Reproduction															\$0
Travel / Miscellaneous															\$10,500
Task 3. Estimated Expenses:															\$10,500
Task 3. Total Estimated Fee															\$703,500
Task 4. Construction Phase (2026 Field Inspection Services)															
4.1. Project Administration															
A. Meet with City. Assumes Bi-weekly meetings for the year of 2026. Meeting agenda will be prepared and distributed prior to the progress meetings and minutes will be distributed following the meeting.											24				24
B. Correspondence with City, utilities, sub-consultants, property owners, BNSF, and project stakeholders and agencies on project related items via virtual meetings, phone, or email.										24					24
C. Project administration, budgeting, submittals, coordination, and reporting to City on monthly invoices, work progress report, schedule, and financial status of project.										72				40	112
4.2. Daily Field Inspection of Structures															
A. Construction Period - 1 (Senior Inspector Assumed 12 days)											16	120			136
B. Construction Period - 2 (Senior Inspector Assumed 20 days)											16	200			216
C. Construction Period - 3 (Senior Inspector Assumed 25 days)											16	250	80		346
D. Construction Period - 4 (Senior Inspector Assumed 25 days)											16	250	200		466
E. Construction Period - 5 (Senior Inspector Assumed 19 days)											16	190	152		358
F. Construction Period - 6 (Senior Inspector Assumed 20 days)											16	200	160		376
G. Construction Period - 7 (Senior Inspector Assumed 19 days)											16	190	152		358
H. Construction Period - 8 (Senior Inspector Assumed 20 days)											16	200	160		376
I. Construction Period - 9 (Senior Inspector Assumed 24 days)											16	240	192		448
J. Construction Period - 10 (Senior Inspector Assumed 25 days)											16	250	200		466
K. Construction Period - 11 (Senior Inspector Assumed 18 days)											16	180	144		340
L. Construction Period - 12 (Senior Inspector Assumed 12 days)											16	120			136
M. Structural Engineer/Design team support and answering questions from construction inspection team			52												52
4.3 Construction Phase Survey															
A. Verification of the contractor construction staking for the bridge elements; abutment beam seat elevations and alignment, top of pier cap/pier beam seat elevations and alignment. (Two Survey Technicians for Two site visit @ 5 hrs/visit)					8			20	6	2					36
Subtotal	0	0	52	0	8	0	0	20	6	98	216	2,390	1,440	40	4,270
Labor															
Inspection Project Manager @ \$240.00/hr.															\$23,520
Quality Control Senior Inspector/Engineer @ \$275.00/hr.															\$59,400
Construction Field Inspector (Sr.) @ \$160.00/hr.															\$382,400
Construction Field Inspector (II) @ \$150.00/hr.															\$216,000
Senior Structural Engineer @ \$330.00/hr.															\$17,160
Design Engineer (PE) @ \$235.00/hr.															\$1,880
Project Engineer (EI) @ \$170.00 /hr.															\$0
CADD Technician I / Survey Technician I @ \$140.00 /hr.															\$2,800
Professional Surveyor @ \$200.00 /hr.															\$1,200
Administration and Accounting @ \$140.00 /hr.															\$5,600

EXHIBIT A - Scope of Services, 119th Street (Woodland to Northgate)

Item of Work	Project Manager	Quality Control Engineer	Senior Structural Engineer	Project Engineer	Design Engineer (PE)	Design Engineer (EI)	CADD Technician II / Survey Technician II	CADD Technician I / Survey Technician I	Professional Surveyor	Inspection Project Manager	Quality Control Senior Inspector/Engineer	Construction Field Inspector (Sr.)	Construction Field Inspector (II)	Administration and Accounting	Total
Task 4. Estimated Labor Costs:															\$709,960
Expenses															
Survey Equipment/Materials															\$0
Printing and Reproduction															\$0
Travel / Miscellaneous															\$11,000
Task Estimated Expenses:															\$11,000
Task 4. Total Estimated Fee															\$720,960
Task 5. Construction Phase (2027 Field Inspection Services)															
5.1. Project Administration															
A. Meet with City. Assumes Bi-weekly meetings for the year of 2027. Meeting agenda will be prepared and distributed prior to the progress meetings and minutes will be distributed following the meeting.											2				2
B. Correspondence with City, utilities, sub-consultants, property owners, BNSF, and project stakeholders and agencies on project related items via virtual meetings, phone, or email.										12					12
C. Project administration, budgeting, submittals, coordination, and reporting to City on monthly invoices, work progress report, schedule, and financial status of project.										8				8	16
5.2. Daily Field Inspection of Structures															
A. January- Project Closeout for inspection staff and structural engineer responsibilities per Exhibit A.			16							8	16	120			160
5.3 Construction Phase Survey															
A. Final Survey of Structure Location (Two Survey Technicians for 1 site visit @ 8 hrs/visit)					8			16	6	2					32
Subtotal	0	0	16	0	8	0	0	16	6	30	18	120	0	8	222
Labor															
Inspection Project Manager @ \$250.00/hr.															\$7,500
Quality Control Senior Inspector/Engineer @ \$280.00/hr.															\$5,040
Construction Field Inspector (Sr.) @ \$165.00/hr.															\$19,800
Construction Field Inspector (II) @ \$155.00/hr.															\$0
Senior Structural Engineer @ \$340.00/hr.															\$5,440
Design Engineer (PE) @ \$245.00/hr.															\$1,960
Project Engineer (EI) @ \$180.00 /hr.															\$0
CADD Technician I / Survey Technician I @ \$150.00 /hr.															\$2,400
Professional Surveyor @ \$210.00 /hr.															\$1,260
Administration and Accounting @ \$145.00 /hr.															\$1,160
Task 5. Estimated Labor Costs:															\$44,560
Expenses															
Survey Equipment/Materials															\$0
Printing and Reproduction															\$0
Travel / Miscellaneous															\$750
Task 5. Estimated Expenses:															\$750
Task 5. Total Estimated Fee															\$45,310
Total Construction Observation and Inspection Estimated Fee (Tasks 2-5)															\$1,503,574
Fee Reduction from scope reduction from Supplement 3															(\$150,000)
Total Estimated Fee for all Tasks in Supplemental Agreement No. 4															\$1,378,388