

**CITY COUNCIL AGENDA ITEM**  
CITY OF SHORELINE, WASHINGTON

<b>AGENDA TITLE:</b>	Authorize the City Manager Execute Amendment 1 to Contract 10031 with Blueline, Inc. in the Amount of \$305,160 for Construction Management and Additional Design Services for the N/NE155 <sup>th</sup> Street Overlay Project
<b>DEPARTMENT:</b>	Public Works
<b>PRESENTED BY:</b>	Tricia Juhnke, City Engineer
<b>ACTION:</b>	<input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution <input checked="" type="checkbox"/> Motion <input type="checkbox"/> Discussion <input type="checkbox"/> Public Hearing

**PROBLEM/ISSUE STATEMENT:**

The asphalt pavement on N/NE 155<sup>th</sup> Street between Midvale Avenue N and 15<sup>th</sup> Avenue NE needs structural repairs and an asphalt overlay to maintain good pavement condition consistent with the City’s pavement management plan and avoid a more expensive future roadway reconstruction. The project is scheduled to be constructed in two phases in 2022 and 2023. The construction contract for the first phase has been awarded, and a contract for construction management services and additional design on the second phase is now needed.

The 2022 construction will provide structural repairs for the full roadway segment and an asphalt overlay between Midvale Ave. N and 1<sup>st</sup> Ave. NE. The 2023 construction phase will reconstruct curb ramps and repair curbs between Midvale Ave. N and 1<sup>st</sup> Ave. NE. An asphalt overlay will be constructed on the remainder of 155<sup>th</sup>, between 1<sup>st</sup> Ave. NE and 15<sup>th</sup> Ave. NE in a future year.

On June 13, 2022, Council authorized the City Manager to execute a contract to construct Phase 1 of the N 155<sup>th</sup> Pavement Preservation Project as Bid #10194. This Amendment to the design contract with Blueline will provide construction management and inspection during the 2022 construction and additional design services to complete design for the 2023 construction phase.

Staff is requesting that Council authorize the City Manager to execute Amendment 1 of Contract 10031 with Blueline, Inc. in the Amount of \$305,160 for additional Design and for Construction Management and inspection of the N/NE155<sup>th</sup> St Overlay Project.

**RESOURCE/FINANCIAL IMPACT:**

This project is fully funded by City’s Annual Roadway Surface Maintenance Program. Below is a breakdown of the budget for Phase I of the N 155<sup>th</sup> Pavement Preservation Project.

**Project Expenditures:**

Staff and other Direct Expenses	\$ 90,000
Design	\$ 237,250
2022 Construction	\$ 1,230,161
Construction Contingency (10%)	\$ 123,016
<b><u>Amendment 1 – Construction Management &amp; Design</u></b>	<b><u>\$ 305,160</u></b>
<b>Total Project Expenditures</b>	<b>\$ 1,985,587</b>

**Project Revenue:**

<u>Annual Roadway Surface Maintenance</u>	<b><u>\$ 1,985,587</u></b>
<b>Total Project Revenue</b>	<b>\$ 1,985,587</b>

**RECOMMENDATION**

Staff recommends that the City Council authorize the City Manager to execute Amendment 1 to Contract 10031 with Blueline, Inc. in the Amount of \$305,160 for Construction Management and additional design for the N/NE155<sup>th</sup> St Overlay Project for a total contract amount of \$542,410.

Approved By:           City Manager **DT**   City Attorney **MK**

## **BACKGROUND**

The asphalt pavement in the travel lanes of N/NE 155<sup>th</sup> Street between Midvale Avenue N and 15<sup>th</sup> Avenue NE is in poor condition and needs structural repairs and an asphalt overlay in 2022, to avoid completely reconstructing the roadway. Pavement conditions vary along the corridor, with the segment between Midvale Avenue N and 1<sup>st</sup> Avenue NE in substantially worse condition than the segment between 1<sup>st</sup> Avenue NE and 15<sup>th</sup> Avenue NE.

Due to the timing constraints, staff requested and received a waiver from the Request for Qualifications process and initiated Administrative Selection of a consultant firm from among five qualified firms that have successfully provided similar services to the City in the recent past. Blueline, Inc. was selected based on the best proposed combination of project manager and schedule. [On August 16, 2021, the City Council approved execution of a professional services agreement with Blueline, Inc. for the design of the 155<sup>th</sup> overlay project.](#)

Staff and the consultant's analysis of the needed paving work and the Annual Road Surface Maintenance (ARSM) program budget indicates that the City should construct pavement structural repairs over the full length of the street and construct a minimum three-inch overlay between Midvale Avenue N and 1<sup>st</sup> Avenue NE in 2022. In 2023, the project will reconstruct over 30 curb ramps within the project area. Staff will add an overlay of the remaining segment of NE 155<sup>th</sup> Street, to 15<sup>th</sup> Avenue NE, into the ARSM budget for a subsequent year.

Design for the 2022 construction phase was completed in April 2022. The City subsequently advertised for construction bids and, on [June 13, 2022 Council authorized the City Manager to execute a construction contract for that phase of the N 155th Pavement Preservation Project as Bid # 10194.](#) Work is expected to begin in July 2022 and to be completed by September 2022.

## **DISCUSSION**

This amendment provides construction inspection and management for the construction of the pavement repairs and overlay, as well as additional services to complete design for the 2023 construction phase.

The alternative to awarding this amendment is to perform the construction management and inspection with City staff. This alternative was considered but based on other project workload, existing staff resources are inadequate to perform this work.

## **COUNCIL GOAL(S) ADDRESSED**

This project addresses Council Goal #2: *Continue to deliver highly valued public services through management of the City's infrastructure and stewardship of the natural environment.* This project will meet this goal by conducting pavement repairs and overlay on of N/NE 155<sup>th</sup> Street between Midvale Avenue N and 15<sup>th</sup> Avenue NE.

**RESOURCE/FINANCIAL IMPACT**

This project is fully funded by City’s Annual Roadway Surface Maintenance Program. Below is a breakdown of the budget for Phase I of the N 155<sup>th</sup> Pavement Preservation Project.

**Project Expenditures:**

**Construction:**

Staff and other Direct Expenses	\$ 90,000
Design – Phase 1	\$ 237,250
2022 Construction	\$ 1,230,161
Construction Contingency (10%)	\$ 123,016
<b><i>Amendment 1 - Design &amp; Inspection</i></b>	<b><i>\$ 305,160</i></b>
<b>Total Project Expenditures</b>	<b>\$ 1,985,587</b>

**Project Revenue:**

<u>Annual Roadway Surface Maintenance</u>	<b><u>\$ 1,985,587</u></b>
<b>Total Project Revenue</b>	<b>\$ 1,985,587</b>

**RECOMMENDATION**

Staff recommends that the City Council authorize the City Manager to execute Amendment 1 to Contract 10031 with Blueline, Inc. in the Amount of \$305,160 for Construction Management and additional design for the N/NE155<sup>th</sup> St Overlay Project for a total contract amount of \$542,410.

**ATTACHMENTS**

Attachment A: Shoreline N 155<sup>th</sup> Street Pavement Preservation Scope

**Project Name: N 155<sup>th</sup> St Overlay - ASA**  
**Effective Date: June 6, 2022**

**Job #: 21-262**

## Project Description

The Blueline Group, LLC (“Blueline”) will provide additional engineering services for the City of Shoreline’s N 155<sup>th</sup> St Overlay Project (“Project”) generally consisting of the several revisions to all ADA curb ramps and additional storm drainage improvements in the following areas of the City, as determined by City staff. This will require additional, limited, survey services. These areas are driven by the need to avoid relocation of existing poles and revisions to existing curb radii.

- Midvale Ave N and N 155<sup>th</sup> St
- Burke Ave N and N 155<sup>th</sup> St
- Corliss Ave N and N 155<sup>th</sup> St

Blueline will also provide additional incremental cost estimates at 90% to determine construction phasing which will be used to split the construction documents between overlay and ADA ramps. The additional work required to provide a second bid document package containing ADA improvements is included in this agreement.

In addition, Blueline will provide construction support services for the project’s 2022 phase, which includes limited stormwater improvements as well as grind and overlay from fog line to fog line.

## Task Summary

Task 004	90% Design – Supplement
Task 013	Additional Survey Services
Task 101	Project Management – ADA
Task 102	90% Design – ADA
Task 103	Final Design – ADA
Task 104	Permits & Coordination – ADA
Task 105	Bidding & Award Services – ADA
Task 201	Construction Project Management
Task 202	Construction Inspection Services
Task 203	Construction Administration Services
Task 204	Construction Management Reserve

## Project Schedule

Our Team shall begin work immediately upon City approval and proceed according to the attached Project Schedule. This schedule reflects the City’s desire to complete ADA construction in 2023. Key dates include:



ASA Approval/NTP .....	June 2022
Re-kickoff Meeting.....	July 2022
90% Design Submittal (3 week City review) .....	September 30, 2022
Final Design Submittal .....	December 9, 2022
Bidding & Award .....	January 2023
Construction Begins .....	Spring 2023

## Scope of Work

Blueline’s scope of work for the project is outlined on the following pages.

### Task 004 90% Design - Supplement

City direction was revised just prior to 90% submittal to address internal concerns about ramp types, further discussion on curb and gutter replacement, and pole relocation/ROW concerns. Blueline was asked to complete another round of revisions to ramp types, as well as revising several radii to avoid impacting existing poles. Radius revisions also impact existing storm system, which requires reconstruction. During the site walkthrough, concerns about scope creep, curb and gutter replacement, and anticipated cost were also raised.

In addition to the previous scope of services for 90% submittal, Blueline will provide additional design engineering for impacted curb ramp locations and as well as additional storm drainage improvements where existing poles are to remain. Blueline will also provide a preliminary cost estimate of various construction sequencing/phasing options and, after City review, will incorporate the phasing/scope direction into a revised 90% submittal package.

**Deliverables:**      *Preliminary cost comparison of multiple phase/scope options.*

### Task 013 Additional Survey Services

In addition to the previous scope of work, Axis Survey and Mapping (Axis) will prepare base mapping for the additional ADA improvements along N 155<sup>th</sup> St as well as storm drainage improvements.

**Deliverables:**      *AutoCAD 2016 drawing file with dtm files.*

#### ASSUMPTIONS & EXCLUSIONS

The scope and fee for this task includes the following assumptions and exclusions:

- The City will provide all available GIS data for utilities and property information.



- The City will provide all necessary right of entry into private property and notice to landowners along the route of mapping activity. The City will provide a copy of the notice to be presented to landowners by Axis crews.

## Task 101 Project Management - ADA

This task is for general coordination and meetings on the project, including coordination with the City, internal plan review/discussion meetings, subconsultant coordination, in-house quality assurance, and bi-weekly meetings with the City to discuss project status. Blueline will prepare monthly invoices for work performed during the previous month. Included with the invoices will be pertinent backup materials and progress reports of the project to date.

**Deliverables:** *Monthly Invoices, Progress Reports.*

## Task 102 90% Design - ADA

Based on the previously completed design, Blueline will complete the 90% Design stage for Phase 2 of the project which includes ADA improvements with required utility relocations. The services under this task will include:

- Re-Kickoff meeting with City staff to verify exact ramp layouts for each intersection.
  - It is assumed that no further significant changes to ramp layout will be required.
- Project walk-through with City staff if requested.
- Incorporation of previous lessons learned from construction.
- Preparing 90% Design Plan Sheets for the proposed improvements including grading and staking callouts for up to 30 ADA curb ramps.
- Preparing 90% Special Provisions including Measurement and Payment in WSDOT format, using City-provided special provisions when available.
- Preparing a 90% Engineer's Estimate including quantities and a small contingency.
- Preparing a design memo discussing design assumptions, questions, and recommendations.
- Internal constructability review and QA/QC.

**Deliverables:** *90% Plans (PDF).*  
*90% Special Provisions (PDF).*  
*90% Engineer's Estimate (PDF).*  
*Design memo accompanying the submittal that outlines assumptions, questions, and recommendations (PDF).*



## Task 103 Final Design - ADA

Based on City review comments from the 90% Design stage, Blueline will proceed to producing the Final Design (Bid Documents). The services under this task will include:

- Review meeting with City staff after receiving 90% Design submittal comments.
- Incorporating the City's 90% comments into the contract documents.
- Final Plans, Special Provisions, and Engineer's Estimate developed to the bid-ready stage.
- Internal constructability review.
- Preparing MEF documentation for non-compliant ramps.

**Deliverables:**      *Final Design Plans (PDF).*  
                              *Final Design Special Provisions (PDF and word files).*  
                              *Final Engineer's Estimate (PDF).*  
                              *MEF Documentation (PDF).*

## Task 104 Permits & Coordination - ADA

This task will include preparation and submittal of applications for known necessary permits and approvals pertaining to this project as well as coordination with impacted agencies and residents. The services under this task will include:

- Coordination with impacted residents and utility franchises as needed.
- Coordinating with WSDOT and Sound Transit as needed.

**Deliverables:**      *Not yet identified.*

## Task 105 Bidding & Award Services - ADA

Blueline will provide consulting services during the bidding process, including:

- Addressing questions from prospective bidders, if necessary.
- Generally assisting the City during the bidding process as needed.
- Preparing and issuing addenda to clarify the construction documents, if necessary.

**Deliverables:**      *Addenda if necessary.*





## Task 201 Construction Project Management

This task is for general coordination and meetings on the project, including:

- Management of all tasks and staff.
- Communication with the City regarding construction issues, costs, and schedule.
- Budget tracking and preparation of monthly invoices for work performed during the previous month, including any pertinent backup materials.

## Task 202 Construction Inspection Services

Blueline will provide full time field inspection. Services under this task are anticipated to include:

- Provide preconstruction photos.
- Review plans/specifications and visit the site.
- Attend preconstruction meeting.
- Review materials delivered to site to review compliance with approved submittals.
- Provide inspection for all aspects of the construction activity to review Contractor compliance with the contract plans and specifications.
- Coordinate materials testing with the Contractor and Consultant.
- Record and report the progress of the construction operations to the City throughout the duration of the contract providing Inspector's Daily Reports.
- Furnish the City with verification of all quantities of materials.
- Monitor the Contractor's traffic control operations to review compliance with approved Traffic Control Plan. Inspector to drive work zone each day and coordinate with City and Contractor on compliance.
- Be responsive to requests from citizens and businesses.
- Provide field record drawing to supplement the Contractor's redlines.
- Prepare final punchlist in collaboration with the City.
- Provide post construction photographs.

**Deliverables:** *Inspector's Daily Report, records of Force Account work, weekly tabulation of quantities placed (with truck tickets attached), construction progress photos, and record drawing redlines.*

**Assumptions:** *This task assumes a construction duration of 50 working days at 8 hours of inspection per day, with a 20% allowance for longer working days. Should inspection needs exceed the Task 202 budget, a request will be presented to the City for authorization to use the Construction Management Reserve task.*



## Task 203 Construction Administration Services

Blueline will provide Construction Administration services for the Project during the construction period. Blueline will coordinate construction management activities with the City's staff with the intent that Blueline will take the lead communication role. Services under this task are anticipated to include:

- Review material submittals.
- Attend preconstruction conference and issue minutes.
- Conduct weekly progress meetings and issue minutes.
- Prepare and issue weekly statement of working days (WSWD).
- Review force account activity and provide summary of extra work spreadsheet with attached signed FA sheets for City to review.
- Prepare draft change orders for City review and processing.
- Prepare monthly FNRs and corresponding monthly plan highlights showing bid items incorporated on plan sheets in lieu of daily FNRs.
- Prepare draft pay estimates for City review and approval. Coordinate approved quantities with Contractor and support processing of pay estimate with the City.
- Review Contractor's initial schedule and 3-week look ahead scheduled provided at meetings.
- General consultation and coordination on an as needed basis.
- Coordination during construction with utility purveyors and Sound Transit.
- Address construction questions.

**Deliverables:** *Blueline will provide precon minutes, weekly progress agendas/minutes, weekly statement of working days, FA sheets, draft change orders, draft pay estimates, RFI responses (coordinated with EOR), and contractor notifications as needed.*

**Assumptions:** *This task assumes the City will prepare and mail notices to residents/businesses, answer questions from the public not able to be addressed by the field inspector, coordinate construction contract, prepare preconstruction meeting agenda and send invitations, and prepare letter of substantial completion.*

*The City will provide draft forms to Blueline at the start of the project for RFI responses, FA sheets, change orders, monthly pay estimates, and contractor notifications if specific templates are to be used. Revisions to these forms directed by the City after the project has begun shall be billed under a separate task.*

## Task 204 Construction Management Reserve

This task provides for unanticipated inspection and/or construction support services deemed necessary due to exigent circumstances or delays. Any additional work or funds under this item are not to be used unless explicitly authorized by the City. Fee estimate is based on ±10% of tasks 201-203.



## General Assumptions and Notes

- Scope and fees outlined above are based on the Project Understanding included with this proposal as well as the following information (any changes to these documents may result in changes to the fees):
  - Applicable permit applications, checklists and standards current as of the effective date of this Agreement.
  - Correspondence between the City of Shoreline and The Blueline Group prior to the effective date of this Agreement.
- Blueline does not anticipate that additional Structural, Environmental, Geotechnical, or Transportation Engineering services will be necessary for this project, and they are not included in this proposal.
- It is anticipated that if trees will be removed for the project the City Arborist will provide recommendations for removal and replacement.
- The following items are not anticipated to be necessary and are not included in this proposal:
  - Sanitary sewer main replacement/improvements.
  - Water main replacement/improvements.
  - Gas main relocation coordination.
  - Power relocation coordination (City to coordinate).
  - Other dry utility relocation coordination.
  - Wall or rockery design.
  - Flow control design.
  - Capacity analysis of existing stormwater conveyance system.
  - Environmental documentation/permits beyond what is included in the scope above.
- Construction Staking Services
- The Client shall provide Blueline with any relevant reports.
- The City will prepare all front-end contract documents. Blueline will prepare special provisions for inclusion in the specification package.
- Any design or reports required for additional permits intended to expedite the beginning of construction, beyond those required for the full construction of the project are excluded. Should this be requested by the Client an Additional Services Authorization (ASA) will be provided.
- Blueline will not pay any Agency fees on behalf of the Client. This includes any fees associated with permits.
- Obtaining any offsite easements or right-of-entry including temporary construction easements outside of permanent easement acquisition (if required) will be the responsibility of the Client.



- Traffic Control Plans will be submitted by the Contractor and are therefore, not included within Blueline’s scope of work.
- The City will coordinate with franchise utility companies for any required utility relocations including poles.
- This scope of work anticipates two construction packages. If the project becomes split into further packages, an additional fee estimate can be provided for those packages after the next complete construction documents.
- The fees stated above do not include reimbursable expenses such as large format copies (larger than legal size), mileage, and plots. These will appear under a separate task called **EXPENSES**.
- Time and expense items are based on Blueline’s current hourly rates.
- These fees stated above are valid if accepted within 30 days of the date of the proposal.
- Blueline reserves the right to adjust fees per current market conditions for tasks not started within a year of contract execution.
- Project stops/starts and significant changes to the Project Schedule may result in changes to the fees provided above and a separate fee proposal will be provided.
- Client revisions requested after the work is completed will be billed at an hourly rate under a new task called Client Requested Revisions. A fee estimate can be provided to the Client prior to proceeding with the revisions.
- Blueline reserves the right to move funds between approved Tasks as necessary based on approved scope of work provided the overall budget of the Tasks is not exceeded. City Project Manager will be notified if funds are shifted.
- If the Client requests Blueline's assistance in complying with any public records request, including without limitation providing copies of documents and communications, Client will pay Blueline's hourly fees and costs incurred in providing such assistance at then-current rates. Such fees and costs will be billed as a separate task and will be in addition to the maximum or total fees and costs stated in the agreement to which this scope of work as attached.



<b>004 90% Design - Supplement</b>		<b>Senior Project Manager</b>	<b>Engineer</b>	<b>Engineering Designer</b>	<b>Construction Inspector</b>	<b>Total Hours</b>
<b>Item #</b>	<b>Description</b>	<b>\$226/hr</b>	<b>\$182/hr</b>	<b>\$167/hr</b>	<b>\$143/hr</b>	
		<b>Hours</b>	<b>Hours</b>	<b>Hours</b>	<b>Hours</b>	
1	ADA Ramp Revisions	4	15	35		<b>54</b>
2	Phasing Preliminary Cost Estimates	2	10	2		<b>14</b>
3	Contract Document Revisions	2	12	18		<b>32</b>
Total Hours		8	37	55	0	<b>100</b>
Total Fee		\$1,808	\$6,734	\$9,185	\$0	<b>\$17,730</b>

<b>013 Additional Survey Services</b>		<b>Total Cost (Axis)</b>	<b>Blueline Markup</b>	<b>Total</b>
<b>Item #</b>	<b>Description</b>		<b>15%</b>	
1	Additional ADA Survey	\$5,850	\$878	
Total Fee		\$5,850	\$878	<b>\$6,730</b>

<b>101 Project Management - ADA</b>		<b>Senior Project Manager</b>	<b>Engineer</b>	<b>Engineering Designer</b>	<b>Construction Inspector</b>	<b>Total Hours</b>
<b>Item #</b>	<b>Description</b>	<b>\$226/hr</b>	<b>\$182/hr</b>	<b>\$167/hr</b>	<b>\$143/hr</b>	
		<b>Hours</b>	<b>Hours</b>	<b>Hours</b>	<b>Hours</b>	
1	Project Meetings	20	10			<b>30</b>
2	Monthly Invoices / Progress Reports	10				<b>10</b>
3	QA / QC	16				<b>16</b>
4	General Project Coordination	16				<b>16</b>
Total Hours		62	10	0	0	<b>72</b>
Total Fee		\$14,012	\$1,820	\$0	\$0	<b>\$15,830</b>

<b>102 90% Design - ADA</b>		<b>Senior Project Manager</b>	<b>Engineer</b>	<b>Engineering Designer</b>	<b>Construction Inspector</b>	<b>Total Hours</b>
<b>Item #</b>	<b>Description</b>	<b>\$226/hr</b>	<b>\$182/hr</b>	<b>\$167/hr</b>	<b>\$143/hr</b>	
		<b>Hours</b>	<b>Hours</b>	<b>Hours</b>	<b>Hours</b>	
1	Re-Kickoff Meeting	4	4			<b>8</b>
2	Project Walk Through	4	6			<b>10</b>
3	ADA Ramp Grading	4	20	100		
4	90% Design Plans	2	12	40		<b>54</b>
5	90% Design Special Provisions	2	16			<b>18</b>
6	90% Engineer's Estimate	2	8	2		<b>12</b>
7	QA/QC	8	2			<b>10</b>
8	90% Design Memo	1	4	0		<b>5</b>
Total Hours		27	72	142	0	<b>241</b>
Total Fee		\$6,102	\$13,104	\$23,714	\$0	<b>\$42,920</b>

<b>103 Final Design - ADA</b>		<b>Senior Project Manager</b>	<b>Engineer</b>	<b>Engineering Designer</b>	<b>Construction Inspector</b>	<b>Total Hours</b>
<b>Item #</b>	<b>Description</b>	<b>\$226/hr</b>	<b>\$182/hr</b>	<b>\$167/hr</b>	<b>\$143/hr</b>	
		<b>Hours</b>	<b>Hours</b>	<b>Hours</b>	<b>Hours</b>	
1	90% Review Meeting with City	2	4			6
2	ADA Ramp Adjustments	6	16	40		62
3	Final Design Plans	2	20	30		52
4	Final Design Special Provisions	2	24			26
5	MEF Documentation	4	40			44
6	Final Design Engineer's Estimate	2	8			10
Total Hours		18	112	70	0	200
Total Fee		\$4,068	\$20,384	\$11,690	\$0	\$36,140

<b>104 Permits &amp; Coordination - ADA</b>		<b>Senior Project Manager</b>	<b>Engineer</b>	<b>Engineering Designer</b>	<b>Construction Inspector</b>	<b>Total Hours</b>
<b>Item #</b>	<b>Description</b>	<b>\$226/hr</b>	<b>\$182/hr</b>	<b>\$167/hr</b>	<b>\$143/hr</b>	
		<b>Hours</b>	<b>Hours</b>	<b>Hours</b>	<b>Hours</b>	
1	Resident Coordination	2	8			10
2	Utility Coordination	2	8	2		12
3	Sound Transit/WSDOT Coordination	2	2			4
Total Hours		6	18	2	0	26
Total Fee		\$1,356	\$3,276	\$334	\$0	\$4,970

<b>105 Bidding &amp; Award Services - ADA</b>		<b>Senior Project Manager</b>	<b>Engineer</b>	<b>Engineering Designer</b>	<b>Construction Inspector</b>	<b>Total Hours</b>
<b>Item #</b>	<b>Description</b>	<b>\$226/hr</b>	<b>\$182/hr</b>	<b>\$167/hr</b>	<b>\$143/hr</b>	
		<b>Hours</b>	<b>Hours</b>	<b>Hours</b>	<b>Hours</b>	
1	Address Questions	2	6			8
2	Assist with Addenda as Necessary	2	4	2		8
Total Hours		4	10	2	0	16
Total Fee		\$904	\$1,820	\$334	\$0	\$3,060

<b>201 Construction Project Management</b>		<b>Senior Project Manager</b>	<b>Engineer</b>	<b>Engineering Designer</b>	<b>Construction Inspector</b>	<b>Total Hours</b>
<b>Item #</b>	<b>Description</b>	<b>\$226/hr</b>	<b>\$182/hr</b>	<b>\$167/hr</b>	<b>\$143/hr</b>	
		<b>Hours</b>	<b>Hours</b>	<b>Hours</b>	<b>Hours</b>	
1	Coordination w/City	20				20
2	Monthly Invoices/Progress Reports	10				10
3	General Project Coordination	20				20
Total Hours		50	0	0	0	50
Total Fee		\$11,300	\$0	\$0	\$0	\$11,300

<b>202 Construction Inspection Services</b>		<b>Senior Project Manager</b>	<b>Engineer</b>	<b>Engineering Designer</b>	<b>Construction Inspector</b>	<b>Total Hours</b>
<b>Item #</b>	<b>Description</b>	<b>\$226/hr</b>	<b>\$182/hr</b>	<b>\$167/hr</b>	<b>\$143/hr</b>	
		<b>Hours</b>	<b>Hours</b>	<b>Hours</b>	<b>Hours</b>	
1	Preconstruction meeting, prep/photos				40	<b>40</b>
2	Full Time Field Inspection (50 days @ 8hrs/day)				400	<b>400</b>
3	20% Allowance for longer days				80	<b>80</b>
4	Prepare Record Drawing Redlines				16	<b>16</b>
5	Post construction photos				12	<b>12</b>
6	Final Punchlist coordination				16	<b>16</b>
Total Hours		0	0	0	564	<b>564</b>
Total Fee		\$0	\$0	\$0	\$80,652	<b>\$80,650</b>

<b>203 Construction Administration Services</b>		<b>Senior Project Manager</b>	<b>Engineer</b>	<b>Engineering Designer</b>	<b>Construction Inspector</b>	<b>Total Hours</b>
<b>Item #</b>	<b>Description</b>	<b>\$226/hr</b>	<b>\$182/hr</b>	<b>\$167/hr</b>	<b>\$143/hr</b>	
		<b>Hours</b>	<b>Hours</b>	<b>Hours</b>	<b>Hours</b>	
1	Preconstruction meeting, incl. minutes	2	4			<b>6</b>
2	Review Material Submittals	8	40			<b>48</b>
3	Conduct Weekly Progress Meetings/Minutes	24	48			<b>72</b>
4	Review & Compile Force Account Work	12	50			<b>62</b>
5	Compile Change Orders	5	20			<b>25</b>
6	Prepare Monthly FNRs and Plan Highlights	4	32			<b>36</b>
7	Prepare Monthly Pay Estimates	4	16			<b>20</b>
8	Respond to RFI requests	10	10			<b>20</b>
9	General Consultation and Coordination	20	40			<b>60</b>
Total Hours		89	260	0	0	<b>349</b>
Total Fee		\$20,114	\$47,320	\$0	\$0	<b>\$67,430</b>

<b>204 Construction Management Reserve</b>		<b>Total Cost</b>	<b>Total</b>
<b>Item #</b>	<b>Description</b>		
1	Unassigned Services Reserve	\$15,938	
Total Fee		\$15,938	<b>\$15,900</b>