RESOLUTION NO. 2358

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF		
BONNEY LAKE, PIERCE COUNTY, WASHINGTON, AUTHORIZING		
A CONTRACT AMENDMENT TO RESOLUTION 2286 AWARDING		
THE PROFESSIONAL SERVICES AGREEMENT FOR THE DESIGN		
SR 410 SIDEWALK IMPROVEMENTS FROM ANGELINE BRIDGE		
TO 192ND AVENUE EAST PROJECT TO SHEA, CARR, JEWELL		
ALLIANCE

WHEREAS, the City Council approved Resolution 2286 on April 9, 2013 to
design sidewalk improvements along SR 410 completing the missing sidewalk link
between Downtown and Mid-town; and

WHEREAS, the Public Works Department added additional work to the original
scope of work in the form of sewer line design to address future capacity needs that
added unforeseen traffic control design and channelization revisions; and

WHEREAS, the design team encountered changes to the original scope of work
in reference to the structural design effort required for the sidewalk barrier both in
complexity as well as length which required the hiring of a structural engineering firm;

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF BONNEY
LAKE, WASHINGTON HEREBY RESOLVES AS FOLLOWS:

That the City of Bonney Lake Council does hereby authorize the Mayor to sign the
attached amendment to the existing contract with SCJ Alliance in the amount of $47,823
to address changes in the original agreed upon scope of work.

PASSED BY THE CITY COUNCIL this 11th day of February, 2014.

Neil Johnson, Jr., Mayor

ATTEST:

Harwood T. Edvalson, MMC, City Clerk

APPROVED AS TO FORM:

Kathleen Haggard, City Attorney
PROFESSIONAL SERVICES  
CONSULTANT AGREEMENT  
SR 410 Sidewalk Improvements from Angeline Bridge to 192nd Avenue East  
(Amendment No.1)

THIS Amendment No.1 to the Agreement dated April, 9, 2013, is made and entered into this day, between the CITY OF BONNEY LAKE, a Washington municipal corporation (the "City"); and Shea Carr Jewell Inc., (hereinafter, "Consultant").

In consideration of their mutual promises set forth herein, the parties agree to amend the Agreement dated April 9, 2013, as set forth in the Amendment No.1. Except as modified by this Amendment dated February 11, 2014, all other terms of the parties' Agreement dated April 9, 2013, remain in full force and effect.

AGREEMENT  
AMENDMENT NO.1

1. Scope of Work:

The Consultant shall complete in a satisfactory and proper manner as determined by the City, the technical and professional services to provide services for utility undergrounding plans and coordination as described in the Scope of Services (Exhibit A).

3. Payment:

The City shall reimburse the Consultant in accordance with the Payment schedule described in Exhibit B for all allowable expenses agreed upon by the parties to complete the Scope of Services. In no event shall the total amount to be reimbursed by the City, for this additional work exceed the sum of Nineteen Thousand, Nine Hundred Eighty-Four Dollars ($19,984.00) for a total contract price of Three Hundred Forty Six Thousand, Four Hundred Forty Eight Dollars ($346,448.00).

| Original Contract | $133,276.00 |
| Amendment #1     | $47,823.00  |
| Contract Total   | $181,099.00 |

Reimbursement under this Agreement shall be based on billings, supported by appropriate documentation of costs actually incurred. It is expressly understood that claims for reimbursement shall not be submitted in excess of actual, immediate cash requirements necessary to carry out the purposes of the Agreement. The reimbursement paid shall constitute full compensation for all out-of-pocket expenses, including but not limited to, all equipment, materials, supplies or reproduction costs, all labor (including overtime), costs for travel, telephone, facsimile and computer use, and all profit and overhead costs. The City shall pay the amount approved for payment in each such invoice within 30 days of receipt.

14. Entire Agreement; Amendments. This Amendment, together with the Attachments, is added and
incorporated into the Agreement dated October 25, 2011, and represents the entire and integrated agreement between the City and the Consultant and supersedes all prior negotiations, representation, or agreements. This Agreement may be amended only by a written instrument signed by both the City and the Consultant. The attachments to this Amendment are identified as follows:

- Exhibit A consisting of 7 pages
- Exhibit B consisting of 3 pages

IN WITNESS WHEREOF, the City and the Consultant have executed this Amendment No. 1 of the Agreement as of the date and year written below.

CITY OF BONNEY LAKE

By: Neil Johnson, JR., Mayor

Date: 2/11/2014

SHEA, CARR JEWELL INC.

By: Perry Shea

Date: 1/29/2014
EXHIBIT A

SCOPE OF WORK

AMENDMENT 1

SR 410 SIDEWALK IMPROVEMENTS FROM ANGELINE BRIDGE TO 192ND AVENUE EAST

BONNEY LAKE, WA

Prepared for: John Woodcock, PE, City Engineer
City of Bonney Lake

Prepared By: Perry Shea, PE, Principal
Scott Sawyer, PE, Senior Project Manager

Date prepared: January 27, 2014

Overview

In April 2013, SCJ Alliance (SCJ) contracted with the City of Bonney Lake (City) to prepare final PS&E documents for the SR 410 Sidewalk Improvements from Angeline Bridge to 192nd Avenue East. As project development progressed, work differed from several scope of work assumptions, requiring additional services.

The following scope of work is an amendment to the original PS&E contract for the following tasks:

- Project Management
- Wall Type Selection
- Supplemental Geotechnical Design
- Structural Design
- Sewer Relocation
- Traffic Control Plans

Assumptions

1. See “Assumptions” per the original contract dated April 9, 2013, except as noted below.

2. Structural design is limited to the following elements:
   a. Moment slab and barrier
b. Barrier removal and new pedestrian barrier on the bridge and wing wall approaches.

c. Geofoam shotcrete covering (detailing only).

**Phase 1  Project Management (existing phase)**

This phase includes tasks to plan, manage, and administer the work; attend project meetings and City Council study sessions; and provide quality assurance/quality control.

**Task 1  Project Management**

1) Project Management: Provide Project Management duties as described under Phase 1 of the original contract for Amendment 1 additional services.

**Phase 1 Understanding**

- Per the original contract.

**Phase 1 Deliverables**

- Per the original contract.

**Phase 9  Wall Type Selection (new phase)**

The preliminary design completed under separate contract will require modifications to account for changes in the project scope and to reflect proposed “built” conditions.

**Task 1  Wall Type Selection**

1) Wall Type Selection: Evaluate up to two additional wall types (in addition to SEW and CIP walls). Prepare detailed cost estimates for each wall type. Evaluate work zone requirements for each wall type. Evaluate impacts to existing storm water and sewer facilities. Discuss constructability and work zone requirements with contractors. Prepare a technical memorandum to document the recommended wall type and meet with the City and WSDOT to make a select a wall type.

**Phase 9 Understanding**

- None.

**Phase 9 Deliverables**

- Wall Type technical memorandum submitted via email in PDF format.

**Phase 10  Supplement Geotechnical Design (new phase)**

**Task 1  Supplement Geotechnical Design**

1) Supplement Geotechnical Design: Provide slope stability analysis to support the wall type selection described under Phase 9. Prepare a technical memorandum documenting the slope stability for static and pseudo-static conditions (existing and each wall type). Evaluate the use of geofoam to improve slope stability for the proposed condition. Meet with WSDOT to review analysis results. Provide final design
of geofoam under the moment slab and prepare an addendum to the Geotechnical Report described in the original contract.

**Phase 10 Understanding**
- None.

**Phase 10 Deliverables**
- Slope Stability technical memorandum submitted via email in PDF format.
- Addendum memorandum to the Geotechnical Report.

**Phase 11 Structural Design (new phase)**

**Task 1 Structural Design:**

1) Bridge Barrier: Prepare the design, drawings, and specifications for the removal of the existing barrier on the Angeline Road Bridge and wing wall approaches, and replace with a new concrete sidewalk and pedestrian barrier. This includes checking to see if the additional weight of the sidewalk and barrier will be adverse to the load carrying capacity of the bridge.

2) Moment Slab: Prepare the design, drawings, and specifications for a sidewalk with pedestrian barrier that is supported by a moment slab on top of geofoam.

**Phase 11 Understanding**
- The pedestrian barrier will be designed for vehicle impact loads.

**Phase 11 Deliverables**
- Plans, specifications and estimate submitted as part of the FPS packages identified in the original contract.

**Phase 12 Sewer Relocation (new phase)**

**Task 1 Sewer Relocation**

1) Concept Layout: Prepare a concept plan and profile exhibit showing relocation of the sewer line from approximately 313+25 to 321+30. Submit to the City for review and comment. Evaluate trench depth and constructability/work zone requirements. Recommend locations for pot-holing to verify sewer line depth/location.

2) PS&E: Prepare plans, specifications and estimate for the sewer work depicted in Task 5.1.1.

**Phase 12 Understanding**
- The City will provide proposed sewer pipe slopes.
- If it is determined that pot-holing is required to reasonably determine the location/elevation of existing lines, the City will provide the pot-holing.
Phase 12 Deliverables
- Concept layout submitted via email in PDF format.
- Plans, specifications and estimate submitted as part of the FPS packages identified in the original contract.

Phase 13 Traffic Control Plans (new phase)

Task 1 Traffic Control Plans
1) Concept Lane Shift: Prepare a concept layout of lane shift to move the center median and narrow the shoulders to provide work zone to construct the moment slab, geofoam, and sewer line. Submit to the City and WSDOT for review and comment. Meet with WSDOT to review the concept.

2) PS&E: Prepare plans, specifications and estimate for the traffic control work depicted in Task 6.1.1.

Phase 13 Understanding
- None.

Phase 13 Deliverables
- Concept lane shift submitted via email in PDF format.
- Plans, specifications and estimate submitted as part of the FPS packages identified in the original contract.

Phase 14 WSDOT Paver Coordination (new phase)

Task 1 WSDOT Paver Coordination
1) WSDOT Paver Coordination: Prepare a detailed construction schedule to show the interface between the sidewalk project and the WSDOT paver project planned for summer 2014. Meet with WSDOT to review the overlap of the projects and discuss ways to coordinate construction. Prepare an exhibit showing planned paving activities from multiple City projects in the coming years and submit to the City and WSDOT. Prepare specifications to include construction coordination/timing/work windows to coordinate the two construction projects based on final direction from the City and WSDOT.

Phase 14 Understanding
- None.

Phase 14 Deliverables
- Construction schedule submitted via email in PDF format.
- Paving coordination exhibit submitted via email in PDF format.
- Specifications submitted as part of the FPS packages identified in the original contract.
END OF SCOPE OF SERVICE

N:\Projects\610 City of Bonney Lake\610-14 SR 410 Sidewalk Improvements from Angeline Bridge to 192nd\Contract\Amendments\Amendment 1\2014-0125_scope_amend_1_410_sidewalk_angeline_to_192.doc
# Labor Hour Estimate

**Client:** City of Bonney Lake  
**Project:** SR 410 Sidewalk Improvements from Angeline Bridge to 192nd Avenue East  
**Job #:** 0610.14  
**File #:** 2014-0125_fee_amend_1_410_sidewalk_angeline_to_192.xls

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<th>Task Description</th>
<th>Principal Engineer</th>
<th>Principal Planner</th>
<th>Senior Project Manager</th>
<th>Project Engineer I</th>
<th>Design Engineer</th>
<th>Senior Planner</th>
<th>Project Coord</th>
<th>Total Hours</th>
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<td>Task 1 - Project Management</td>
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<tr>
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| **Phase 9 - Wall Type Selection** | | | | | | | | | |
| Task 1 - Wall Type Selection | | | | | | | | | |
| 1 Wall Type Selection | | Perry | Jean | Scott | Manuel | Matt | Candace | Alissa | 12.0 32.0 |
| Phase 9 Total Hours: | | | | | | | | | 16.0 32.0 |
| Billing Rate by category: | | $225.00 | $205.00 | $195.00 | $118.00 | $95.00 | $105.00 | $80.00 | $6,160.00 |
| Total Phase Cost by Category: | | $6,160.00 |

| **Phase 10 - Supplemental Geotech Design - by Landau** | | | | | | | | | |
| **Phase 11 - Structural Design - by Sargent** | | | | | | | | | |
| **Phase 12 - Sewer Relocation** | | | | | | | | | |
| Task 1 - Sewer Relocation | | | | | | | | | |
| 1 Concept Layout | | Perry | Jean | Scott | Manuel | Matt | Candace | Alissa | 2.0 6.0 |
| 2 PS&E | | Perry | Jean | Scott | Manuel | Matt | Candace | Alissa | 6.0 16.0 |
| Phase 12 Total Hours: | | | | | | | | | 8.0 32.0 |
| Billing Rate by category: | | $225.00 | $205.00 | $195.00 | $118.00 | $95.00 | $105.00 | $80.00 | $3,034.00 |
| Total Phase Cost by Category: | | $3,034.00 |

| **Phase 13 - Traffic Control Plans** | | | | | | | | | |
| Task 1 - Traffic Control Plans | | | | | | | | | |
| 1 Concept Layout | | Perry | Jean | Scott | Manuel | Matt | Candace | Alissa | 6.0 16.0 |
| 2 PS&E | | Perry | Jean | Scott | Manuel | Matt | Candace | Alissa | 2.0 8.0 24.0 |
| Phase 13 Total Hours: | | | | | | | | | 2.0 24.0 |
| Billing Rate by category: | | $225.00 | $205.00 | $195.00 | $118.00 | $95.00 | $105.00 | $80.00 | $5,842.00 |
| Total Phase Cost by Category: | | $5,842.00 |

| **Phase 14 - WSDOT Paver Coordination** | | | | | | | | | |
| Task 1 - WSDOT Paver Coordination | | | | | | | | | |
| 1 WSDOT Paver Coordination | | Perry | Jean | Scott | Manuel | Matt | Candace | Alissa | 4.0 12.0 |

*Shea, Carr Jewell, Inc.*  
*1 of 2*  
*1/27/2014*
**Labor Hour Estimate**

**SCJ Alliance**

**Client:** City of Bonney Lake  

**Project:** SR 410 Sidewalk Improvements from Angeline Bridge to 192nd Avenue East  

**Job #:** 0610.14  

**File #:** 2014-0129_fee_amend_1_410_sldewalk_angeline_to_192.xls

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## Consultant Fee Estimate

**Client:** City of Bonney Lake  
**Project:** SR 410 Sidewalk Improvements from Angeline Bridge to 192nd Avenue East  
**Job #:** 0610.14  
**File #:** 2014-0125_fee amend 1_410 sidewalk_angeline to 192.xls

### Consultant Fee Determination

#### DIRECT LABOR REVENUE

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**Subtotal SC&J:** 168  
$21,204

#### INDIRECT COSTS

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**Subtotal:** $23,900

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**Total Subconsultant:** $26,290

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**Total Expenses:** $329

### TOTAL ESTIMATED FEE

$47,823
City of Bonney Lake, Washington

City Council Agenda Bill (AB)

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<td>11 February 2014</td>
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<td>Resolution</td>
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<td>Donn Lewis</td>
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**Agenda Subject:** Authorizing a Contract Amendment to Resolution 2286 Awarding The Professional Services Agreement For The Design SR 410 Sidewalk Improvements From Angeline Bridge To 192nd Avenue East Project To Shea, Carr, Jewell Alliance

**Full Title/Motion:** A Resolution Of The City Council Of The City Of Bonney Lake, Pierce County, Washington, Authorizing A Contract Amendment To Resolution 2286 Awarding The Professional Services Agreement For The Design SR 410 Sidewalk Improvements From Angeline Bridge To 192nd Avenue East Project To Shea, Carr, Jewell Alliance.

**Administrative Recommendation:**

**Background Summary:** The Public Works Department (PWD) applied for and received a $445,000 matching (50/50) grant from the Transportation Improvement Board (TIB) in the latter half of 2012. This grant will cover approximately half of the expected design and construction costs. Design has continued per the approved design contract per Resolution 2286 although changes in the scope of work have occurred. The city has added project scope by approving the redesign of the existing sewer line that currently resides under the proposed sidewalk improvement. PW has identified this section of sewer main to be a capacity "choke point" for the future sewer needs of the City. Changing the grade of this 650 foot section of sewer line at this time would be cost effective while the contractor is on site. Also, due to the unforeseen complexity with the structural design for the sidewalk barrier crossing the bridge as well as on the fill portion of the roadway, a structural design team is necessary to meet specification requirements for this portion of the contract.

**Attachments:** Resolution 2358, Map, Amendment

**BUDGET INFORMATION**

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**Budget Explanation:** 301.054.032.595.10.63.01 - SR410 Missing Link - 192nd Ave to Main St (TIB grant)=$30,000. 301.054.032.595.30.63.10 - Construction = $890,000.

**COMMITTEE, BOARD & COMMISSION REVIEW**

**Council Committee Review:** Community Development
Date: 4 February 2014
Chair/Councilmember: Donn Lewis
Councilmember: Tom Watson
Councilmember: James Rackley
Forward to:
Consent Agenda: Yes

**Commission/Board Review:**

**Hearing Examiner Review:**

**COUNCIL ACTION**

Version Oct. 2010
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<th>Mayor:</th>
<th>Date Reviewed by City Attorney:</th>
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<tr>
<td>Dan Grigsby, P. E.</td>
<td>Neil Johnson Jr.</td>
<td>(if applicable):</td>
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Version Oct. 2010