



City of Colville Building and Planning
170 S. Oak, Colville, WA 99114

**COLVILLE CITY COUNCIL
AGENDA ITEM BRIEFING SHEET**

Meeting Date: February 14, 2017

Contact: Phil Boyd - Welch Comer, Eric Durpos, & RJ Keetch

Topic or Problem Statement: Downtown Astor, Main and Heritage Square Design Contract

Type of Briefing:

Information Only

Discussion Only

Decision Needed

Background of Situation:

At the February 9, 2016 City Council meeting, Councilwoman Foll reported that the Rotary Club of Colville (Rotary) would like to partner with the City to redevelop Heritage Court.

The Council approved spending \$1,500 to partner with Rotary to conduct a design charrette. The charrette took place May 19, 2016. The workshop was well attended with over 25 people participating and sharing their vision for downtown - specifically for the Heritage Court space. A “big picture” concept design was developed.

Several City Council members and the Mayor participated in the design charrette. The completed design was shared with City Council and the Chamber of Commerce on June 2, 2016. The concept design was formally presented to the Planning Commission, Rotary Club, and at a Chamber of Commerce luncheon meeting. All comments to date have been positive.

On August 23, 2016 Council approved hiring Welch Comer to coordinate with WSDOT regarding the feasibility of constructing a speed table and perhaps partnering on a project. Welch Comer was also contracted to develop concepts and preliminary opinions of cost for Heritage Court and Astor Avenue (between Main St. & Oak St.) and Heritage Court to Wynne St.

At the December 13, 2016 Council Meeting, Welch Comer presented the Concepts and Opinions of Cost and options to partner with WSDOT. They also presented a new concept of expanding the parking lot north of City Hall to mitigate the parking removed from Astor Ave. Council directed staff to proceed with evaluating the opportunity to partner with WSDOT and develop a scope of work to design the whole project from Oak St. to Wynne St.

Feedback and Council Decision:

- 1. Consider approving Welch Comer’s design contract. The proposed contract is divided into preliminary design of the whole project including utility improvements and then final design. This will allow council to consider whether to complete final design of the whole project, or just a single phase or combination of phases.**

Goals and Objectives:

This project has the potential to act as a catalyzing and transformational project for Downtown. The Colville 2000 Plan calls for a connected, pedestrian friendly, community gathering, green-space along the Astor Avenue Corridor (connecting the Courthouse, Farmer's Market, City Hall, and Heritage Court to the Fairgrounds).

- The proposed improvements on Main Street will drastically improve pedestrian safety at this Main Street/Astor Avenue intersection and better connect the east and west sides of Downtown creating a more cohesive, vibrant Downtown. Additionally, the Main Street, Astor Ave., and Heritage Square improvements will better define the downtown core.
- This project could arguably contribute to City Council Goal #1 (Colville is a community where people want to live and work) by creating an interesting gathering space Downtown.

Funding Needed and Recommended Source (BARS #):

The total funding required for the complete scope of work through final design for all phases is \$176,750. Council may decide to authorize the Survey and Preliminary design of all Phases (\$129,750) and wait to authorize final design services for the phases selected by Council.

Potential funding sources include:

Re-allocation of Hawthorne Reserve - Balance of \$200,000 for 2017 and \$200,000 for 2018

Could be used for design work and or construction of Phase 1

Other sources could include:

TAP grant
Complete Streets Grant
CDBG
Business Improvement Funds
Lodging Tax
Current expense CFP
Water and Sewer funds if utilities are involved
Outside volunteer groups for some amenities

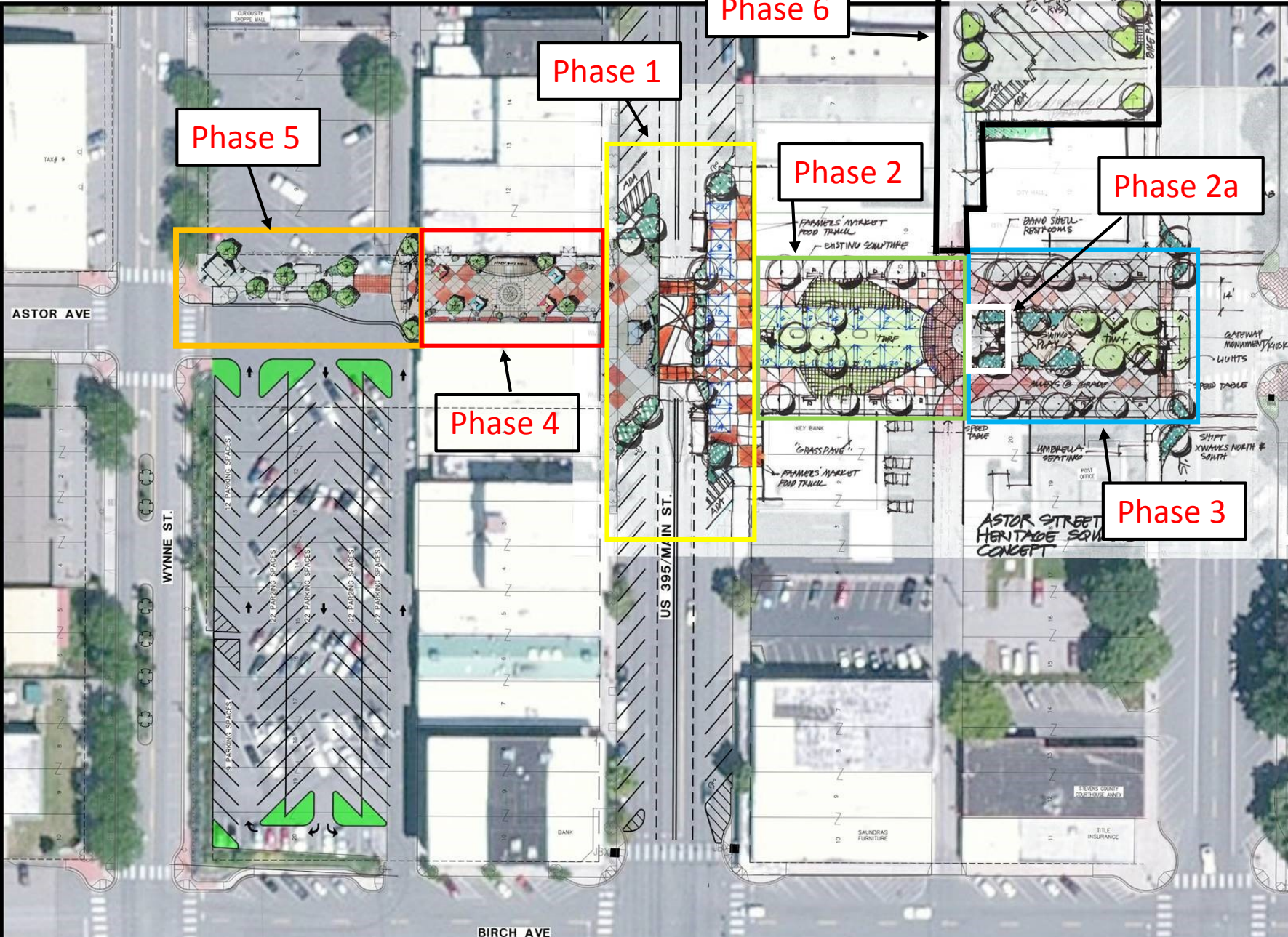
Attachments:

1. Project Phase Map
2. Project Budget Summary
3. Task Order No. 17-02
4. Man Hour Estimates

Recommended Action with Justification:

Council to decide how to proceed

Colville Downtown Improvement Phase Map



City of Colville Downtown Improvements Project Budget Summary

	Phase 1	Phase 2	Phase 2A	Phase 3	Phase 4	Phase 5	Phase 6	
	Main Street	Astor Ave. Main to Alley	Astor Ave. Restroom	Astor Alley to Oak St.	Heritage Square	Heritage to Wynne	City Hall Parking Lot	TOTALS
Opinion of Probable Construction Cost	\$ 302,000	\$ 145,000	\$ 177,000	\$ 107,000	\$ 116,000	\$ 119,000	\$ 63,000	\$ 1,029,000
Boundary and Topographic Survey	\$ 5,500	\$ 4,000	\$ -	\$ 2,500	\$ 2,500	\$ 4,500	\$ 1,500	\$ 20,500
Design Phase Services	\$ 47,000	\$ 22,500	\$ 17,000	\$ 16,000	\$ 22,000	\$ 21,500	\$ 10,250	\$ 156,250
Construction Phase Services BUDGET	\$ 45,500	\$ 28,500	\$ 6,000	\$ 43,500	\$ 34,500	\$ 30,000	\$ 6,250	\$ 194,250
Total Project Costs	\$ 400,000	\$ 200,000	\$ 200,000	\$ 169,000	\$ 175,000	\$ 175,000	\$ 81,000	\$ 1,400,000

- Notes
1. Phases 3 & 6 Were Added per the December 2016 Council Meeting Direction
 2. The final construction phase services budget will depend on what phases are actually constructed together.

TASK ORDER NO. 17-02

Nature of Task Order: Heritage Park, Main Street, and Astor Ave. Design

In accordance with the General Engineering Services Agreement between the City of Colville (Owner) and Welch Comer & Associates, Inc. (Engineer) for Professional Services dated March 14, 2016 ("Agreement"), City of Colville and Engineer agree as follows:

- 1.1. Owner: City of Colville, Washington
- 1.2. Engineer: Welch, Comer & Associates, Inc.

2. Specific Project Data

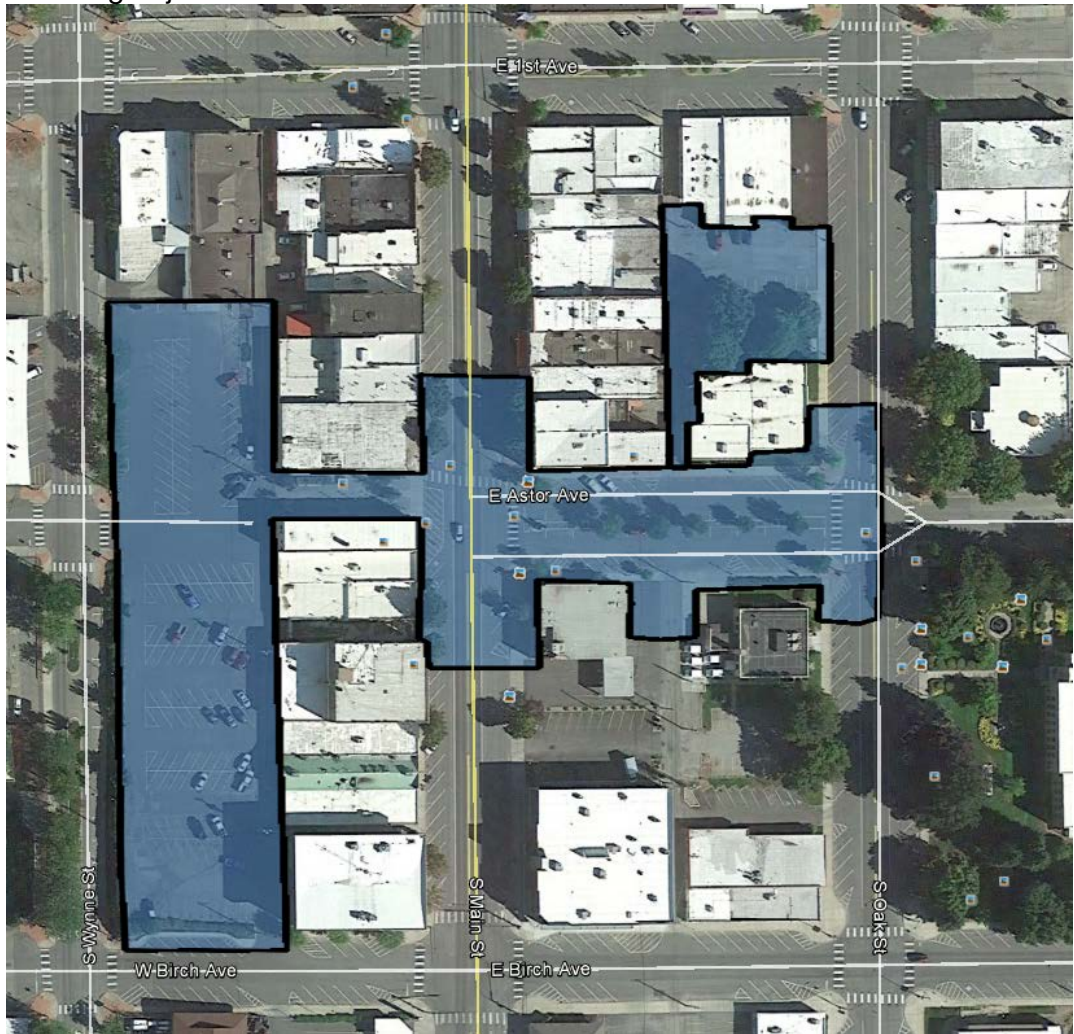
- 2.1. Title: Heritage Park, Main Street and Astor Ave. Design
- 2.2. Description: City intends to construct improvements to the downtown core. The improvements will consist of necessary storm, sanitary and water system improvements in the areas where new surface improvements will be completed and hardscape, landscape, irrigation, lighting and signage improvements to the following areas.
 - A. Phase 1: Main Street between Heritage Square and Astor Ave to promote pedestrian safety and enhance the downtown core.
 - B. Phase 2: Astor Ave. between Main Ave. and the alley, converting the existing street to a town square.
 - C. Phase 2A: A public restroom and stage located in Astor Ave.
 - D. Phase 3: Astor Ave. between the alley and Oak Street, converting the existing street to a town square.
 - E. Phase 4: Heritage Square
 - F. Phase 5: Wynne Street to Heritage Square
 - G. Phase 6: Parking lot design north of City Hall.

3. Engineer's Responsibilities

- 3.1. Topographic and Boundary survey
 - A. Survey Control and Monument Search
 - i. Project control points, consisting of a 5/8" rebar with Aluminum Cap, will be established along the project corridor at appropriate locations as deemed necessary by Engineer. Additional temporary control points may be set at the discretion of Welch Comer. Temporary control will be used to tie existing right-of-way or section corner monuments and to facilitate the conventional surveying. Temporary control will be a 1/2 inch rebar or suitable alternative.
 - ii. Locate monumentation of record or visible at each intersection at the next closest intersection to the north or south of each intersection. Monument research will consist of a comprehensive search of the county records including but not limited to, plats, records of survey, unrecorded surveys and land corner records. Private monumentation will also be searched for along and adjacent to the project corridor. Property corner monuments will not be set as part of this proposal.

B. Topographic Survey

- i. Perform field topographic survey of Astor street from Wynne to Oak and including adjacent areas as shown on below.



The survey will locate visible features including but not limited to, roadway pavement, striping, curbs, sidewalks, retaining walls, significant grade breaks, drainage structures, sewer structures, water distribution structures, utility poles, significant vegetation, railings, fences, signs, building fronts including threshold elevations, stairways, and other elements pertinent to the design of the project improvements. Underground utilities such as electrical, power, cable TV and fiber optic lines will be located through a combination of correspondence with the One-Call utility locate service and communication with each individual utility company or their designated utility locate service.

C. Data Reduction

- i. The control and topographic survey information will be processed utilizing the appropriate office software. All survey data will undergo a strict quality control review, including but not limited to, instrument heights, rod heights, backsight orientation, field codes and field notes. Topographic survey information will be reviewed for code consistency and proper automated line

work coding. The control survey data will be adjusted through a combination of GPS network control adjustments and least squares adjustments.

D. Base Mapping – Topography

- i. Prepare electronic base map using field survey data and existing record drawings provided by agencies or utility companies. The topographic base map will show planimetric features including all of the information obtained during the topographic survey. A digital terrain model (DTM) will be created from the topographic survey data. A field visit will also be conducted to compare the base map to the field conditions.

E. Base Mapping – Right of Way and Property Lines

- i. According to our preliminary calculations we will need to obtain title reports on 11 parcels just East of S. Wynne St. 2 title reports in the area North of Astor between Oak and Main St and 5 deeds of record on adjacent parcels to the North and South of Astor Ave. The title reports will be used as basis to resolve the existing right of way. Individual property lines will not be resolved to a boundary level of accuracy. They will be shown based on the deed information supplied in the title reports. It is assumed that appropriate record documents and monuments exist defining the right of way.

3.2. Preliminary & Final Design

A. Preliminary Design

- i. Utilizing the topographic, prepare preliminary plans for each of the phases that will incorporate:
 - Concrete layout, color and patterning
 - Sidewalk widths, activity areas and access
 - Project detailing including “kit of parts”, for plantings, signage, lighting, benches & other amenities
 - Restroom/stage facility schematic and rendering.
 - Plan view and cross sections exhibits.
 - Opinions of Cost
- ii. Conduct two steering committee meetings to present initial design and then refined design for steering committee approval.
- iii. Develop construction sequencing and phasing and identify and define project elements that may be constructed with volunteer forces and donated materials.
- iv. Prepare a newsletter depicting and describing the proposed improvements for the City use and distribution.
- v. City Council Presentation: Present the preliminary design before the City Council and Steering Committee during one normal monthly meeting. Presentation will likely include a PowerPoint presentation and hard copy exhibits. Owner will send invites to Steering Committee Members.

B. Final Design and Construction Documents

Prepare final and construction documents that include plans and specifications in CSI format that will include:

- i. Demolition Plan: Provide demolition plan to delineate the limits of removal for items such as asphalt, concrete, grass, trees, utility poles, signs, etc. Demolition plan will clearly delineate and show protection elements to be preserved and protected as part of construction. Engineer will investigate and provide provisions for the Owner to perform some of the demolition tasks.
- ii. Typical Sections: Complete the typical section(s) to be used on the project such street, sidewalk, and curb type.
- iii. Horizontal & Vertical Alignments, Grading: Design horizontal and vertical alignments and overall grading in accordance with City and State standards. It is assumed the proposed vertical alignment and grading will be very similar to existing.
- iv. Access Design: Provide access in accordance with ADA requirements to all buildings.
- v. Main Street Pedestrian Crossing at Astor Avenue: Evaluate options for improving the Main Street pedestrian crossing at Astor Ave/Heritage square to promote traffic calming and improve pedestrian safety.
- vi. Street Illumination: Trindera Engineering will perform lighting and electrical design under the guidance and direction of the Engineer. Design will include street/pedestrian lighting, festival lighting, and possible illumination of a public art piece.
- vii. Utility Coordination: Contact each utility within the project to coordinate existing locations. Plot existing utility locations on the topographic survey and request each utility to verify locations. After existing utility locations are known, the Engineer will coordinate and identify the utilities that need to be moved, installed, or abandoned and at whose expense such work will be performed. It is assumed that one field meeting with each public utility will be required. Engineer will coordinate with applicable utilities to explore the possibility of burying existing overhead utilities along High Street.
- viii. Landscape & Irrigation Plan: Provide design for landscaping plantings and irrigation system in accordance with the approved concept design.
- ix. Landscape Amenities: Detailed designs for street furniture including, benches and trash receptacles.
- x. WASHDOT Coordination: Coordination with WASHDOT to secure approval for work in the ROW.
- xi. Geotechnical Design: No geotechnical services are included in this scope of services. Existing soil data will be used.
- xii. Stormwater Pollution Prevention Plan – It is anticipated that a Stormwater Pollution Prevention Plan (SWPPP) will not be required for this project.
- xiii. Construction Traffic Control & Phasing – It is likely the project will be completed in multiple phases. Traffic control criteria will be developed to allow the contractor to provide a detailed traffic control and phasing plan.

- xiv. Quality Control – Welch Comer’s internal QA/QC program involves reviews by experienced engineers, land surveyors and construction inspectors.
 - xv. Cost Estimate: Provide Engineer’s opinion of probable construction cost based on past and current construction cost information.
- 3.3. Bidding and Construction Phase Services are not included in this contract and may be added by addendum when the City determines which phases will be bid and constructed together.
- 3.4. Exclusions & Assumptions
- i. Traffic Control will not be required
 - ii. No new monuments will be set
 - iii. Monument replacement, if any, and construction staking will be addressed in a separate contract
 - iv. Right of way plans, conveyance documents, easement documents, or right of way acquisition are excluded excepts as noted under survey above.
 - v. Costs to publish advertisements, or reproducing and mailing project newsletters to the stakeholders, property owners or the public is excluded.

4. Method of Payment

4.1. For Basic Services having a Determined Scope-Lump Sum Method of Payment. Owner shall pay Engineer for the services identified herein the following Lump Sum amounts for each phase as follows:

Topographic & Boundary Phase Services	
Phase 1: Main	\$ 5,500
Phase 2 Astor to Alley	\$ 4,000
Phase 2A Astor Restroom	\$ 0
Phase 3 Astor to Oak	\$ 2,500
Phase 4 Heritage	\$ 2,500
Phase 5 Heritage to Wynne	\$ 4,500
Phase 6 Parking Lot	\$ 1,500
Subtotal	\$ 20,500

Preliminary Design Phase Services	
Phase 1: Main	\$ 32,900
Phase 2 Astor to Alley	\$ 15,750
Phase 2A Astor Restroom	\$ 11,900
Phase 3 Astor to Oak	\$ 11,200
Phase 4 Heritage	\$ 15,400
Phase 5 Heritage to Wynne	\$ 15,050
Phase 6 Parking Lot	\$ 7,175
Subtotal	\$109,375

Final Design Phase Services	
Phase 1: Main	\$ 14,100
Phase 2 Astor to Alley	\$ 6,750
Phase 2A Astor Restroom	\$ 5,100
Phase 3 Astor to Oak	\$ 4,800

Phase 4 Heritage	\$ 6,600
Phase 5 Heritage to Wynne	\$ 6,450
<u>Phase 6 Parking Lot</u>	<u>\$ 3,075</u>
Subtotal	\$ 46,875

Total Lump Sum \$176,750

A. The Lump Sum includes appropriate amounts to account for labor, overhead, profit, and Reimbursable Expenses.

5. Approval and Acceptance

5.1. Approval and Acceptance of this Task Order shall incorporate this document as part of the Agreement. Engineer is authorized to begin performance upon its receipt of a copy of this Task Order signed by Owner.

Owner
CITY OF COLVILLE

Engineer
WELCH, COMER & ASSOCIATES, INC.

By: _____

By: _____

Name/Title: Lou Janke, Mayor

Name/Title: Philip F. Boyd, P.E., President

Date: _____

Date: _____

PM's Approval: _____

Project Name. Heritage Square Phase 2A Astor Restroom												
Owner Colville												
Project Manager Phil Boyd												
Date 02-08-17												
Project #												
		PFB	AD/KO	TT/EB	SDS/JAL	LT	LABOR TOTAL				15.0%	
		10	23	40	79	90						
		Principal Engineer	Engineer IV	Engineer I	CAD Tech III	Project Admin	HRS	COST	Description	Budgeted Direct	Direct w/ Mark-Up	EST. TOTAL COST
0.02	Preliminary Design Phase	23.00	14.00	27.00	10.00	3.50	77.50	9117.50	0.00	2435.00	2800.25	11917.75
20	Project Coordination and Management	5.00	1.00	0.00	0.00	0.00	6.00	945.00	0.00	0.00	0.00	945.00
08	Project Communication	1.00					1.00	\$165.00			\$0.00	\$165.00
37	Meetings and Presentations	1.00	1.00				2.00	\$285.00			\$0.00	\$285.00
59	Project Coordination & Management	1.00					1.00	\$165.00			\$0.00	\$165.00
78	Travel	2.00					2.00	\$330.00			\$0.00	\$330.00
23	Design	14.00	10.00	6.00	10.00	0.00	40.00	4930.00	0.00	0.00	0.00	4930.00
08	Project Communication	2.00					2.00	\$330.00			\$0.00	\$330.00
37	Meetings and Presentations	2.00					2.00	\$330.00			\$0.00	\$330.00
59	Project Coordination & Management	2.00					2.00	\$330.00			\$0.00	\$330.00
22	Design	8.00	10.00	6.00	10.00		34.00	\$3,940.00			\$0.00	\$3,940.00
24	Specifications	2.00	0.00	15.00	0.00	0.00	17.00	1755.00	0.00	0.00	0.00	1755.00
08	Project Communication	2.00					2.00	\$330.00			\$0.00	\$330.00
17	Specifications/Contracts			15.00			15.00	\$1,425.00			\$0.00	\$1,425.00
26	Opinion of Costs	2.00	3.00	6.00	0.00	3.50	14.50	1487.50	0.00	0.00	0.00	1487.50
27	Non Drafting Design					3.50	3.50	\$227.50			\$0.00	\$227.50
47	Opinion of Costs	2.00	3.00	6.00			11.00	\$1,260.00			\$0.00	\$1,260.00
EXP	Subconsultant & Reimbursable Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2435.00	2800.25	2800.25
510.01 / 610.01	Electrical Subconsultant						0.00	\$0.00		\$1,525.00	\$1,753.75	\$1,753.75
510.05 / 610.05	Other Subconsultants						0.00	\$0.00		\$910.00	\$1,046.50	\$1,046.50
0.03	Final Design Phase	11.00	6.00	9.00	6.00	0.00	32.00	3900.00	0.00	1045.00	1201.75	5101.75
30	Project Coordination and Management	4.00	1.00	0.00	0.00	0.00	5.00	780.00	0.00	0.00	0.00	780.00
08	Project Communication	0.50					0.50	\$82.50			\$0.00	\$82.50
37	Meetings and Presentations	0.50	1.00				1.50	\$202.50			\$0.00	\$202.50
59	Project Coordination & Management	1.00					1.00	\$165.00			\$0.00	\$165.00
78	Travel	2.00					2.00	\$330.00			\$0.00	\$330.00
31	Final Plan Development	6.00	4.00	3.00	6.00	0.00	19.00	2265.00	0.00	0.00	0.00	2265.00
08	Project Communication	1.00					1.00	\$165.00			\$0.00	\$165.00
37	Meetings and Presentations	1.00					1.00	\$165.00			\$0.00	\$165.00
59	Project Coordination & Management	1.00					1.00	\$165.00			\$0.00	\$165.00
10	Concept Design	3.00	4.00	3.00			10.00	\$1,260.00			\$0.00	\$1,260.00
11	Drafting Design				6.00		6.00	\$510.00			\$0.00	\$510.00
32	Final Specifications	1.00	0.00	4.00	0.00	0.00	5.00	545.00	0.00	0.00	0.00	545.00
08	Project Communication	1.00					1.00	\$165.00			\$0.00	\$165.00
17	Specifications/Contracts			4.00			4.00	\$380.00			\$0.00	\$380.00
34	Final Opinion of Costs	0.00	1.00	2.00	0.00	0.00	3.00	310.00	0.00	0.00	0.00	310.00
47	Opinion of Costs		1.00	2.00			3.00	\$310.00			\$0.00	\$310.00
EXP	Subconsultant & Reimbursable Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1045.00	1201.75	1201.75
510.01 / 610.01	Electrical Subconsultant						0.00	\$0.00		\$650.00	\$747.50	\$747.50
510.05 / 610.05	Other Subconsultants						0.00	\$0.00		\$395.00	\$454.25	\$454.25
	TOTAL HOURS	34.00	20.00	36.00	16.00	3.50	109.50	\$13,017.50		\$3,480.00	\$4,002.00	\$17,019.50
	TOTAL COST	\$5,610.00	\$2,400.00	\$3,420.00	\$1,360.00	\$227.50	109.50	\$13,017.50				

Project Name. Heritage Square Phase 3 Astor to Oak													LABOR TOTAL		15.0%		EST. TOTAL COST												
Owner Colville																													
Project Manager Phil Boyd																													
Date 02-08-17																													
Project #																													
													HRS	COST	Description	Budgeted Direct	Direct w/ Mark-Up	EST. TOTAL COST											
													HRS	COST	Description	Budgeted Direct	Direct w/ Mark-Up	EST. TOTAL COST											
0.02	Preliminary Design Phase												15.00	9.00	17.00	0.00	0.00	0.00	0.00	0.00	0.00	8.00	1.00	50.00	5915.00	0.00	4663.00	5301.25	11216.25
20	Project Coordination and Management												5.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00	945.00	0.00	0.00	0.00	945.00
	08 Project Communication		1.00										1.00	\$165.00				\$0.00	\$165.00										
	37 Meetings and Presentations		1.00	1.00									2.00	\$285.00				\$0.00	\$285.00										
	59 Project Coordination & Management		1.00										1.00	\$165.00				\$0.00	\$165.00										
	78 Travel		2.00										2.00	\$330.00				\$0.00	\$330.00										
23	Design												7.00	6.00	4.00	0.00	0.00	0.00	0.00	0.00	8.00	0.00	25.00	2935.00	0.00	0.00	0.00	2935.00	
	08 Project Communication		1.00										1.00	\$165.00				\$0.00	\$165.00										
	37 Meetings and Presentations		2.00										2.00	\$330.00				\$0.00	\$330.00										
	59 Project Coordination & Management		2.00										2.00	\$330.00				\$0.00	\$330.00										
	22 Design		2.00	6.00	4.00								8.00	\$2,110.00				\$0.00	\$2,110.00										
24	Specifications												2.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00	1280.00	0.00	0.00	0.00	1280.00		
	08 Project Communication		2.00										2.00	\$330.00				\$0.00	\$330.00										
	17 Specifications/Contracts				10.00								10.00	\$950.00				\$0.00	\$950.00										
26	Opinion of Costs												1.00	2.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	7.00	755.00	0.00	0.00	0.00	755.00	
	27 Non Drafting Design												1.00	\$65.00				\$0.00	\$65.00										
	47 Opinion of Costs		1.00	2.00	3.00								6.00	\$690.00				\$0.00	\$690.00										
EXP	Subconsultant & Reimbursable Expenses												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4663.00	5301.25	5301.25			
	510.01 / 610.01 Electrical Subconsultant												0.00	\$0.00			\$1,525.00	\$1,753.75	\$1,753.75										
	510.05 / 610.05 Other Subconsultants												0.00	\$0.00			\$2,730.00	\$3,139.50	\$3,139.50										
	522.00 / 622.00 Reproductions												0.00	\$0.00			\$200.00	\$200.00	\$200.00										
	590.01 / 690.01 Mileage @ .535 cents per mile												0.00	\$0.00			Two Trips \$208.00	\$208.00	\$208.00										
0.03	Final Design Phase												8.00	4.50	5.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	20.50	2590.00	0.00	1950.00	2227.50	4817.50	
30	Project Coordination and Management												3.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.50	555.00	0.00	0.00	0.00	555.00	
	08 Project Communication		0.50										0.50	\$82.50				\$0.00	\$82.50										
	37 Meetings and Presentations		0.50	0.50									1.00	\$142.50				\$0.00	\$142.50										
	59 Project Coordination & Management		1.00										1.00	\$165.00				\$0.00	\$165.00										
	78 Travel		1.00										1.00	\$165.00				\$0.00	\$165.00										
31	Final Plan Development												4.00	3.00	2.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	12.00	1465.00	0.00	0.00	0.00	1465.00	
	08 Project Communication		0.50										0.50	\$82.50				\$0.00	\$82.50										
	37 Meetings and Presentations		1.00										1.00	\$165.00				\$0.00	\$165.00										
	59 Project Coordination & Management		0.50										0.50	\$82.50				\$0.00	\$82.50										
	10 Concept Design		2.00	3.00	2.00								7.00	\$880.00				\$0.00	\$880.00										
	11 Drafting Design												3.00	\$255.00				\$0.00	\$255.00										
32	Final Specifications												1.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	355.00	0.00	0.00	0.00	355.00		
	08 Project Communication		1.00										1.00	\$165.00				\$0.00	\$165.00										
	17 Specifications/Contracts				2.00								2.00	\$190.00				\$0.00	\$190.00										
34	Final Opinion of Costs												0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	215.00	0.00	0.00	0.00	215.00		
	47 Opinion of Costs			1.00	1.00								2.00	\$215.00				\$0.00	\$215.00										
EXP	Subconsultant & Reimbursable Expenses												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1950.00	2227.50	2227.50			
	510.01 / 610.01 Electrical Subconsultant												0.00	\$0.00			\$650.00	\$747.50	\$747.50										
	510.05 / 610.05 Other Subconsultants												0.00	\$0.00			\$1,200.00	\$1,380.00	\$1,380.00										
	522.00 / 622.00 Reproductions												0.00	\$0.00			\$100.00	\$100.00	\$100.00										
0.80	Boundary Survey Phase Services												0.00	0.00	0.00	1.50	0.00	0.50	1.75	0.00	0.00	3.75	435.00	52.00	328.38	328.38	763.38		
80	Boundary Survey												0.00	0.00	0.00	1.50	0.00	0.50	1.75	0.00	0.00	3.75	435.00	0.00	0.00	0.00	435.00		
	30 Title Report review and mapping				1.00								2.00	\$240.00				\$0.00	\$240.00										
	31 Boundary Surveying												0.50	\$50.00				\$0.00	\$50.00										
	34 Survey Drafting												0.50	\$50.00				\$0.00	\$50.00										
	35 PLS Review				0.50								0.50	\$70.00				\$0.00	\$70.00										
	71 Research/Field Investigation												0.25	\$25.00				\$0.00	\$25.00										
EXP	Reimbursable Expenses												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.00	328.38	328.38	328.38			
	522.00 / 622.00 Reproductions												0.00	\$0.00			25 \$25.00	\$25.00	\$25.00										
	529.00 / 629.00 Other Expenses												0.00	\$0.00			Reports \$240.00	\$240.00	\$240.00										
	529.00 / 629.00 GPS Expense @ \$25/hr per Unit												0.00	\$0.00			2 \$50.00	\$50.00	\$50.00										
	590.01 / 690.01 Mileage @ .535 cents per mile												0.00	\$0.00			25 \$13.38	\$13.38	\$13.38										
0.81	Topographic Survey Phase Services												0.00	0.00	0.00	2.00	1.00	5.00	2.00	0.00	0.00	10.00	1080.00	232.00	637.88	637.88	1717.88		
81	Topographic Survey												0.00	0.00	0.00	2.00	1.00	5.00	2.00	0.00	0.00	10.00	1080.00	0.00	0.00	0.00	1080.00		
	20 Topographic Surveying and project control					1.00	1.00	5.00					6.00	\$600.00				\$0.00	\$600.00										
	33 Processing/Calcs.				1.00								2.00	\$240.00				\$0.00	\$240.00										
	34 Survey Drafting												1.00	\$100.00				\$0.00	\$100.00										
	35 PLS Review				1.00								1.00	\$140.00				\$0.00	\$140.00										
EXP	Reimbursable Expenses												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	232.00	637.88	637.88	637.88			
	521.00 / 621.00 Travel Expenses - Per Diem												0.00	\$0.00			36 \$36.00	\$36.00	\$36.00										
	522.00 / 622.00 Reproductions												0.00	\$0.00			10 \$10.00	\$10.00	\$10.00										
	529.00 / 629.00 Other Expenses - lodging - 4 night												0.00	\$0.00			50 \$50.00	\$50.00	\$50.00										
	529.00 / 629.00 Robotic 1-Man \$50/hr.												0.00	\$0.00			3 \$75.00	\$75.00	\$75.00										
	590.01 / 690.01 Mileage @ .535 cents per mile												0.00	\$0.00			125 \$66.88	\$66.88	\$66.88										
TOTAL HOURS		23.00	13.50	22.00	3.50	1.00	5.50	3.75	11.00	1.00	84.25	\$10,020.00			7,579.25	\$8,495.00	\$18,515.00												
TOTAL COST		\$3,795.00	\$1,620.00	\$2,090.00	\$490.00	\$100.00	\$550.00	\$375.00	\$935.00	\$65.00	84.25	\$10,020.00			\$7,579.25	\$8,495.00	\$18,515.00												

Project Name. Heritage Square Phase 4 Heritage																	
Owner Colville																	
Project Manager Phil Boyd																	
Date 02-08-17		PFB	AD/KO	TT/EB	MH	TF	RR	JM	SDS/JAL	LT							
Project #		10	23	40	55	65	65	70	79	90	LABOR TOTAL			15.0%			
		Principal Engineer	Engineer IV	Engineer I	PLS II	Crew Chief II	Crew Chief II	Survey Tech II	CAD Tech III	Project Admin	HRS	COST	Description	Budgeted Direct	Direct w/ Mark-Up	EST. TOTAL COST	
0.02	Preliminary Design Phase	15.00	11.00	23.00	0.00	0.00	0.00	0.00	10.00	1.00	60.00	6895.00	0.00	7433.00	8486.75	15381.75	
20	Project Coordination and Management	5.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00	945.00	0.00	0.00	0.00	945.00	
	08 Project Communication	1.00									1.00	\$165.00			\$0.00	\$165.00	
	37 Meetings and Presentations	1.00	1.00								2.00	\$285.00			\$0.00	\$285.00	
	59 Project Coordination & Management	1.00									1.00	\$165.00			\$0.00	\$165.00	
	78 Travel	2.00									2.00	\$330.00			\$0.00	\$330.00	
23	Design	7.00	8.00	7.00	0.00	0.00	0.00	0.00	10.00	0.00	32.00	3630.00	0.00	0.00	0.00	3630.00	
	08 Project Communication	1.00									1.00	\$165.00			\$0.00	\$165.00	
	37 Meetings and Presentations	2.00									2.00	\$330.00			\$0.00	\$330.00	
	59 Project Coordination & Management	2.00									2.00	\$330.00			\$0.00	\$330.00	
	22 Design	2.00	8.00	7.00					10.00		27.00	\$2,805.00			\$0.00	\$2,805.00	
24	Specifications	2.00	0.00	13.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00	1565.00	0.00	0.00	0.00	1565.00	
	08 Project Communication	2.00									2.00	\$330.00			\$0.00	\$330.00	
	17 Specifications/Contracts			13.00							13.00	\$1,235.00			\$0.00	\$1,235.00	
26	Opinion of Costs	1.00	2.00	3.00	0.00	0.00	0.00	0.00	0.00	1.00	7.00	755.00	0.00	0.00	0.00	755.00	
	27 Non Drafting Design									1.00	1.00	\$65.00			\$0.00	\$65.00	
	47 Opinion of Costs	1.00	2.00	3.00							6.00	\$690.00			\$0.00	\$690.00	
EXP	Subconsultant & Reimbursable Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7433.00	8486.75	8486.75	
	510.01 / 610.01 Electrical Subconsultant										0.00	\$0.00		\$2,425.00	\$2,788.75	\$2,788.75	
	510.05 / 610.05 Other Subconsultants										0.00	\$0.00		\$4,600.00	\$5,290.00	\$5,290.00	
	522.00 / 622.00 Reproductions										0.00	\$0.00		\$200.00	\$200.00	\$200.00	
	590.01 / 690.01 Mileage @ .535 cents per mile										0.00	\$0.00	Two Trips	\$208.00	\$208.00	\$208.00	
0.03	Final Design Phase	9.50	5.50	6.00	0.00	0.00	0.00	0.00	4.00	0.00	25.00	3137.50	0.00	3050.00	3492.50	6630.00	
30	Project Coordination and Management	3.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.50	555.00	0.00	0.00	0.00	555.00	
	08 Project Communication	0.50									0.50	\$82.50			\$0.00	\$82.50	
	37 Meetings and Presentations	0.50	0.50								1.00	\$142.50			\$0.00	\$142.50	
	59 Project Coordination & Management	1.00									1.00	\$165.00			\$0.00	\$165.00	
	78 Travel	1.00									1.00	\$165.00			\$0.00	\$165.00	
31	Final Plan Development	5.50	4.00	3.00	0.00	0.00	0.00	0.00	4.00	0.00	16.50	2012.50	0.00	0.00	0.00	2012.50	
	08 Project Communication	0.50									0.50	\$82.50			\$0.00	\$82.50	
	37 Meetings and Presentations	2.00									2.00	\$330.00			\$0.00	\$330.00	
	59 Project Coordination & Management	1.00									1.00	\$165.00			\$0.00	\$165.00	
	10 Concept Design	2.00	4.00	3.00							9.00	\$1,095.00			\$0.00	\$1,095.00	
	11 Drafting Design								4.00		4.00	\$340.00			\$0.00	\$340.00	
32	Final Specifications	1.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	355.00	0.00	0.00	0.00	355.00	
	08 Project Communication	1.00									1.00	\$165.00			\$0.00	\$165.00	
	17 Specifications/Contracts			2.00							2.00	\$190.00			\$0.00	\$190.00	
34	Final Opinion of Costs	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	215.00	0.00	0.00	0.00	215.00	
	47 Opinion of Costs		1.00	1.00							2.00	\$215.00			\$0.00	\$215.00	
EXP	Subconsultant & Reimbursable Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3050.00	3492.50	3492.50	
	510.01 / 610.01 Electrical Subconsultant										0.00	\$0.00		\$1,050.00	\$1,207.50	\$1,207.50	
	510.05 / 610.05 Other Subconsultants										0.00	\$0.00		\$1,900.00	\$2,185.00	\$2,185.00	
	522.00 / 622.00 Reproductions										0.00	\$0.00		\$100.00	\$100.00	\$100.00	
0.80	Boundary Survey Phase Services	0.00	0.00	0.00	1.50	0.00	0.50	1.75	0.00	0.00	3.75	435.00	52.00	328.38	328.38	763.38	
80	Boundary Survey	0.00	0.00	0.00	1.50	0.00	0.50	1.75	0.00	0.00	3.75	435.00	0.00	0.00	0.00	435.00	
	30 Title Report review and mapping				1.00			1.00			2.00	\$240.00			\$0.00	\$240.00	
	31 Boundary Surveying						0.50				0.50	\$50.00			\$0.00	\$50.00	
	34 Survey Drafting							0.50			0.50	\$50.00			\$0.00	\$50.00	
	35 PLS Review				0.50						0.50	\$70.00			\$0.00	\$70.00	
	71 Research/Field Investigation							0.25			0.25	\$25.00			\$0.00	\$25.00	
EXP	Reimbursable Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.00	328.38	328.38	328.38	
	522.00 / 622.00 Reproductions										0.00	\$0.00	25	\$25.00	\$25.00	\$25.00	
	529.00 / 629.00 Other Expenses										0.00	\$0.00	Reports	\$240.00	\$240.00	\$240.00	
	529.00 / 629.00 GPS Expense @ \$25/hr per Unit										0.00	\$0.00	2	\$50.00	\$50.00	\$50.00	
	590.01 / 690.01 Mileage @ .535 cents per mile										0.00	\$0.00	25	\$13.38	\$13.38	\$13.38	
0.81	Topographic Survey Phase Services	0.00	0.00	0.00	2.00	1.00	5.00	2.00	0.00	0.00	10.00	1080.00	232.00	637.88	637.88	1717.88	
81	Topographic Survey	0.00	0.00	0.00	2.00	1.00	5.00	2.00	0.00	0.00	10.00	1080.00	0.00	0.00	0.00	1080.00	
	20 Topographic Surveying and project control					1.00	5.00				6.00	\$600.00			\$0.00	\$600.00	
	33 Processing/Calcs.				1.00			1.00			2.00	\$240.00			\$0.00	\$240.00	
	34 Survey Drafting							1.00			1.00	\$100.00			\$0.00	\$100.00	
	35 PLS Review				1.00						1.00	\$140.00			\$0.00	\$140.00	
EXP	Reimbursable Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	232.00	637.88	637.88	637.88	
	521.00 / 621.00 Travel Expenses - Per Diem										0.00	\$0.00	36	\$36.00	\$36.00	\$36.00	
	522.00 / 622.00 Reproductions										0.00	\$0.00	10	\$10.00	\$10.00	\$10.00	
	529.00 / 629.00 Other Expenses - lodging - 4 night										0.00	\$0.00	50	\$50.00	\$50.00	\$50.00	
	529.00 / 629.00 Robotic 1-Man \$50/hr.										0.00	\$0.00	3	\$75.00	\$75.00	\$75.00	
	590.01 / 690.01 Mileage @ .535 cents per mile										0.00	\$0.00	125	\$66.88	\$66.88	\$66.88	
	TOTAL HOURS	24.50	16.50	29.00	3.50	1.00	5.50	3.75	14.00	1.00	98.75	\$11,547.50		\$11,449.25	\$12,945.50	\$24,493.00	
	TOTAL COST	\$4,042.50	\$1,980.00	\$2,755.00	\$490.00	\$100.00	\$550.00	\$375.00	\$1,190.00	\$65.00	98.75	\$11,547.50					

Project Name. Heritage Square Phase 5 Heritage to Wynne																
Owner Colville																
Project Manager Phil Boyd																
Date 02-08-17																
Project #		PFB	AD/KO	TT/EB	MH	TF	RR	JM	SDS/JAL	LT	LABOR TOTAL			15.0%	EST. TOTAL COST	
		10	23	40	55	65	65	70	79	90	HRS	COST	Description	Budgeted Direct	Direct w/ Mark-Up	EST. TOTAL COST
		Principal Engineer	Engineer IV	Engineer I	PLS II	Crew Chief II	Crew Chief II	Survey Tech II	CAD Tech III	Project Admin						
0.02	Preliminary Design Phase	23.00	17.00	35.00	0.00	0.00	0.00	0.00	16.00	4.00	95.00	10780.00	0.00	4063.00	4611.25	15391.25
20	Project Coordination and Management	7.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.00	1395.00	0.00	0.00	0.00	1395.00
	08 Project Communication	1.00									1.00	\$165.00			\$0.00	\$165.00
	37 Meetings and Presentations	2.00	2.00								4.00	\$570.00			\$0.00	\$570.00
	59 Project Coordination & Management	2.00									2.00	\$330.00			\$0.00	\$330.00
	78 Travel	2.00									2.00	\$330.00			\$0.00	\$330.00
23	Design	11.00	11.00	15.00	0.00	0.00	0.00	0.00	16.00	0.00	53.00	5920.00	0.00	0.00	0.00	5920.00
	08 Project Communication	1.00									1.00	\$165.00			\$0.00	\$165.00
	37 Meetings and Presentations	2.00									2.00	\$330.00			\$0.00	\$330.00
	59 Project Coordination & Management	3.00									3.00	\$495.00			\$0.00	\$495.00
	22 Design	5.00	11.00	15.00					16.00		47.00	\$4,930.00			\$0.00	\$4,930.00
24	Specifications	3.00	0.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	18.00	1920.00	0.00	0.00	0.00	1920.00
	08 Project Communication	3.00									3.00	\$495.00			\$0.00	\$495.00
	17 Specifications/Contracts			15.00							15.00	\$1,425.00			\$0.00	\$1,425.00
26	Opinion of Costs	2.00	4.00	5.00	0.00	0.00	0.00	0.00	0.00	4.00	15.00	1545.00	0.00	0.00	0.00	1545.00
	27 Non Drafting Design									4.00	4.00	\$260.00			\$0.00	\$260.00
	47 Opinion of Costs	2.00	4.00	5.00							11.00	\$1,285.00			\$0.00	\$1,285.00
EXP	Subconsultant & Reimbursable Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4063.00	4611.25	4611.25
	510.01 / 610.01 Electrical Subconsultant										0.00	\$0.00		\$1,525.00	\$1,753.75	\$1,753.75
	510.05 / 610.05 Other Subconsultants										0.00	\$0.00		\$2,130.00	\$2,449.50	\$2,449.50
	522.00 / 622.00 Reproductions										0.00	\$0.00		\$200.00	\$200.00	\$200.00
	590.01 / 690.01 Mileage @ .535 cents per mile										0.00	\$0.00	Two Trips	\$208.00	\$208.00	\$208.00
0.03	Final Design Phase	13.00	8.00	8.00	0.00	0.00	0.00	0.00	5.00	0.00	34.00	4290.00	0.00	1660.00	1894.00	6184.00
30	Project Coordination and Management	5.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00	1065.00	0.00	0.00	0.00	1065.00
	08 Project Communication	1.00									1.00	\$165.00			\$0.00	\$165.00
	37 Meetings and Presentations	2.00	2.00								4.00	\$570.00			\$0.00	\$570.00
	59 Project Coordination & Management	1.00									1.00	\$165.00			\$0.00	\$165.00
	78 Travel	1.00									1.00	\$165.00			\$0.00	\$165.00
31	Final Plan Development	7.00	5.00	5.00	0.00	0.00	0.00	0.00	5.00	0.00	22.00	2655.00	0.00	0.00	0.00	2655.00
	08 Project Communication	1.00									1.00	\$165.00			\$0.00	\$165.00
	37 Meetings and Presentations	2.00									2.00	\$330.00			\$0.00	\$330.00
	59 Project Coordination & Management	1.00									1.00	\$165.00			\$0.00	\$165.00
	10 Concept Design	3.00	5.00	5.00							13.00	\$1,570.00			\$0.00	\$1,570.00
	11 Drafting Design								5.00		5.00	\$425.00			\$0.00	\$425.00
32	Final Specifications	1.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	355.00	0.00	0.00	0.00	355.00
	08 Project Communication	1.00									1.00	\$165.00			\$0.00	\$165.00
	17 Specifications/Contracts			2.00							2.00	\$190.00			\$0.00	\$190.00
34	Final Opinion of Costs	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	215.00	0.00	0.00	0.00	215.00
	47 Opinion of Costs		1.00	1.00							2.00	\$215.00			\$0.00	\$215.00
EXP	Subconsultant & Reimbursable Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1660.00	1894.00	1894.00
	510.01 / 610.01 Electrical Subconsultant										0.00	\$0.00		\$650.00	\$747.50	\$747.50
	510.05 / 610.05 Other Subconsultants										0.00	\$0.00		\$910.00	\$1,046.50	\$1,046.50
	522.00 / 622.00 Reproductions										0.00	\$0.00		\$100.00	\$100.00	\$100.00
0.80	Boundary Survey Phase Services	0.00	0.00	0.00	2.00	0.00	0.50	1.75	0.00	0.00	4.25	505.00	79.00	931.75	931.75	1436.75
80	Boundary Survey	0.00	0.00	0.00	2.00	0.00	0.50	1.75	0.00	0.00	4.25	505.00	0.00	0.00	0.00	505.00
	30 Title Report review and mapping				1.00			1.00			2.00	\$240.00			\$0.00	\$240.00
	31 Boundary Surveying						0.50				0.50	\$50.00			\$0.00	\$50.00
	34 Survey Drafting							0.50			0.50	\$50.00			\$0.00	\$50.00
	35 PLS Review				1.00						1.00	\$140.00			\$0.00	\$140.00
	71 Research/Field Investigation							0.25			0.25	\$25.00			\$0.00	\$25.00
EXP	Reimbursable Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	79.00	931.75	931.75	931.75
	522.00 / 622.00 Reproductions										0.00	\$0.00	25	\$25.00	\$25.00	\$25.00
	529.00 / 629.00 Other Expenses										0.00	\$0.00	Reports	\$780.00	\$780.00	\$780.00
	529.00 / 629.00 GPS Expense @ \$25/hr per Unit										0.00	\$0.00	4	\$100.00	\$100.00	\$100.00
	590.01 / 690.01 Mileage @ .535 cents per mile										0.00	\$0.00	50	\$26.75	\$26.75	\$26.75
0.81	Topographic Survey Phase Services	0.00	0.00	0.00	2.00	1.00	11.00	4.00	0.00	0.00	18.00	1880.00	354.00	1177.88	1177.88	3057.88
81	Topographic Survey	0.00	0.00	0.00	2.00	1.00	11.00	4.00	0.00	0.00	18.00	1880.00	0.00	0.00	0.00	1880.00
	20 Topographic Surveying and project control					1.00	11.00				12.00	\$1,200.00			\$0.00	\$1,200.00
	33 Processing/Calcs.				1.00			2.00			3.00	\$340.00			\$0.00	\$340.00
	34 Survey Drafting							2.00			2.00	\$200.00			\$0.00	\$200.00
	35 PLS Review				1.00						1.00	\$140.00			\$0.00	\$140.00
EXP	Reimbursable Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	354.00	1177.88	1177.88	1177.88
	521.00 / 621.00 Travel Expenses - Per Diem										0.00	\$0.00	36	\$36.00	\$36.00	\$36.00
	522.00 / 622.00 Reproductions										0.00	\$0.00	75	\$75.00	\$75.00	\$75.00
	529.00 / 629.00 Other Expenses - lodging - 4 night										0.00	\$0.00	100	\$100.00	\$100.00	\$100.00
	529.00 / 629.00 Robotic 1-Man \$50/hr.										0.00	\$0.00	10	\$500.00	\$500.00	\$500.00
	590.01 / 690.01 Mileage @ .535 cents per mile										0.00	\$0.00	125	\$66.88	\$66.88	\$66.88
TOTAL HOURS		36.00	25.00	43.00	4.00	1.00	11.50	5.75	21.00	4.00	151.25	\$17,455.00		\$7,832.63	\$8,614.88	\$26,069.88
TOTAL COST		\$5,940.00	\$3,000.00	\$4,085.00	\$560.00	\$100.00	\$1,150.00	\$575.00	\$1,785.00	\$260.00	151.25	\$17,455.00				

Project Name. Heritage Square Phase 6 Parking Lot															
Owner Colville															
Project Manager Phil Boyd															
Date 02-08-17															
Project #		PFB	AD/KO	TT/EB	MH	RR	JM	SDS/JAL	LT	LABOR TOTAL		Description	Budgeted Direct	15.0% Direct w/ Mark-Up	EST. TOTAL COST
		10	23	40	55	65	70	79	90	HRS	COST				
		Principal Engineer	Engineer IV	Engineer I	PLS II	Crew Chief II	Survey Tech II	CAD Tech III	Project Admin						
0.02	Preliminary Design Phase	10.00	10.00	4.00	0.00	0.00	0.00	12.00	6.00	42.00	4640.00	0.00	2000.00	2350.00	6990.00
20	Project Coordination and Management	5.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00	945.00	0.00	0.00	0.00	945.00
	08 Project Communication	1.00								1.00	\$165.00			\$0.00	\$165.00
	37 Meetings and Presentations	1.00	1.00							2.00	\$285.00			\$0.00	\$285.00
	59 Project Coordination & Management	1.00								1.00	\$165.00			\$0.00	\$165.00
	78 Travel	2.00								2.00	\$330.00			\$0.00	\$330.00
23	Design	4.00	8.00	0.00	0.00	0.00	0.00	12.00	0.00	24.00	2640.00	0.00	0.00	0.00	2640.00
	08 Project Communication	1.00								1.00	\$165.00			\$0.00	\$165.00
	37 Meetings and Presentations	1.00								1.00	\$165.00			\$0.00	\$165.00
	59 Project Coordination & Management	1.00								1.00	\$165.00			\$0.00	\$165.00
	22 Design	1.00	8.00	0.00				12.00		21.00	\$2,145.00			\$0.00	\$2,145.00
24	Specifications	1.00	0.00	2.00	0.00	0.00	0.00	0.00	4.00	7.00	615.00	0.00	0.00	0.00	615.00
	08 Project Communication	1.00								1.00	\$165.00			\$0.00	\$165.00
	17 Specifications/Contracts			2.00					4.00	6.00	\$450.00			\$0.00	\$450.00
26	Opinion of Costs	0.00	1.00	2.00	0.00	0.00	0.00	0.00	2.00	5.00	440.00	0.00	0.00	0.00	440.00
	47 Opinion of Costs		1.00	2.00					2.00	5.00	\$440.00			\$0.00	\$440.00
EXP	Subconsultant & Reimbursable Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2000.00	2350.00	2350.00
	510.01 / 610.01 Electrical Subconsultant									0.00	\$0.00		\$1,000.00	\$1,150.00	\$1,150.00
	510.05 / 610.05 Other Subconsultants									0.00	\$0.00		\$1,000.00	\$1,150.00	\$1,150.00
	522.00 / 622.00 Reproductions									0.00	\$0.00			\$50.00	\$50.00
0.03	Final Design Phase	8.00	6.00	6.00	0.00	0.00	0.00	6.00	2.00	28.00	3250.00	0.00	0.00	0.00	3250.00
30	Project Coordination and Management	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	330.00	0.00	0.00	0.00	330.00
	08 Project Communication	1.00								1.00	\$165.00			\$0.00	\$165.00
	59 Project Coordination & Management	1.00								1.00	\$165.00			\$0.00	\$165.00
	78 Travel									0.00	\$0.00			\$0.00	\$0.00
31	Final Plan Development	5.00	5.00	0.00	0.00	0.00	0.00	6.00	0.00	16.00	1935.00	0.00	0.00	0.00	1935.00
	08 Project Communication	1.00								1.00	\$165.00			\$0.00	\$165.00
	37 Meetings and Presentations	1.00								1.00	\$165.00			\$0.00	\$165.00
	59 Project Coordination & Management	1.00								1.00	\$165.00			\$0.00	\$165.00
	10 Concept Design	2.00	5.00							7.00	\$930.00			\$0.00	\$930.00
	11 Drafting Design							6.00		6.00	\$510.00			\$0.00	\$510.00
32	Final Specifications	1.00	0.00	4.00	0.00	0.00	0.00	0.00	2.00	7.00	675.00	0.00	0.00	0.00	675.00
	08 Project Communication	1.00								1.00	\$165.00			\$0.00	\$165.00
	17 Specifications/Contracts			4.00					2.00	6.00	\$510.00			\$0.00	\$510.00
34	Final Opinion of Costs	0.00	1.00	2.00	0.00	0.00	0.00	0.00	0.00	3.00	310.00	0.00	0.00	0.00	310.00
	47 Opinion of Costs		1.00	2.00						3.00	\$310.00			\$0.00	\$310.00
0.81	Topographic Survey Phase Services	0.00	0.00	0.00	2.00	4.00	2.00	0.00	0.00	8.00	880.00	12.00	600.00	600.00	1480.00
81	Topographic Survey	0.00	0.00	0.00	2.00	4.00	2.00	0.00	0.00	8.00	880.00	0.00	0.00	0.00	880.00
	20 Topographic Surveying and project control					4.00				4.00	\$400.00			\$0.00	\$400.00
	33 Processing/Calcs.				1.00		1.00			2.00	\$240.00			\$0.00	\$240.00
	34 Survey Drafting						1.00			1.00	\$100.00			\$0.00	\$100.00
	35 PLS Review				1.00					1.00	\$140.00			\$0.00	\$140.00
EXP	Reimbursable Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00	600.00	600.00	600.00
	529.00 / 629.00 Robotic 1-Man \$50/hr.									0.00	\$0.00	4	\$200.00	\$200.00	\$200.00
	TOTAL HOURS	18.00	16.00	10.00	2.00	4.00	2.00	18.00	8.00	78.00	\$8,770.00		\$2,600.00	\$2,950.00	\$11,720.00
	TOTAL COST	\$2,970.00	\$1,920.00	\$950.00	\$280.00	\$400.00	\$200.00	\$1,530.00	\$520.00	78.00	\$8,770.00				