

RESOLUTION NO. 15-1022

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BLACK DIAMOND, KING COUNTY, WASHINGTON AUTHORIZING THE MAYOR TO EXECUTE ADDENDUM 1 TO THE ROCK CREEK BRIDGE PROFESSIONAL SERVICES AGREEMENT (RESOLUTION 14-980) WITH PARAMETRIX, INC. FOR THE DESIGN ENGINEERING FOR THE EXTENDED ROBERTS DRIVE REHAB PROJECT

WHEREAS, the City has planned for capital improvements to Roberts Drive; and

WHEREAS, the City executed a professional services agreement with Parametrix, Inc. for the design engineering for the Rock Creek Bridge project through Resolution 14-980; and

WHEREAS, the City received additional grant funds from the State of Washington Transportation Improvement Board to extend the Rock Creek Bridge project improvements to City Hall; and

WHEREAS, the new name of the project is the Roberts Drive Rehab project; and

WHEREAS, Yarrow Bay Holdings has committed \$6,590 to cover the water utility portion of this addendum; and

WHEREAS, Addendum 1 will extend the design engineering for this project to City Hall on Roberts Drive;

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF BLACK DIAMOND, WASHINGTON, DOES RESOLVE AS FOLLOWS:

Section 1. The Mayor is hereby authorized to execute Addendum 1 to the Rock Creek Bridge Professional Services Agreement (Resolution 14-980) with Parametrix, Inc. for the design engineering for the Roberts Drive Rehab project.

PASSED BY THE CITY COUNCIL OF THE CITY OF BLACK DIAMOND, WASHINGTON, AT A REGULAR MEETING THEREOF, THIS 19TH DAY OF MARCH, 2015.

CITY OF BLACK DIAMOND:



Carol Benson, Mayor

Attest:

Brenda L. Martinez
Brenda L. Martinez, City Clerk

FIRST ADDENDUM
To
PROFESSIONAL SERVICES AGREEMENT
Between
CITY OF BLACK DIAMOND
And
PARAMETRIX, INC.
Regarding
DESIGN ENGINEERING SERVICES FOR THE ROBERTS DRIVE REHAB PROJECT

1. **Date and Parties.**

1.1 This document ("First Addendum"), for reference purposes only, is dated the 19th day of March, 2015, and is entered into by and between the CITY OF BLACK DIAMOND, a Washington municipal corporation ("City") and PARAMETRIX, INC. ("Consultant"). **This First Addendum amends the Consultant Services Agreement executed on November 11, 2014, by and between the City and Consultant (the "Agreement").**

2. **General Recitals.**

2.1 The City and Consultant entered into the Agreement regarding the development of design, specifications, and bid documents for the Rock Creek Bridge Project, which included the Rock Creek Bridge, pedestrian walkway, some sidewalk and road overlay from just west of the Bridge to Sunny Lane.

2.2 Recently, the City received an additional grant award from the Transportation Improvement Board (TIB) that will allow expanding the scope of the project.

2.3 The parties have now determined that such an amendment is appropriate, and thus the intent of the First Addendum is for the Consultant to provide further design engineering services to the City due to expanded project limits. This Addendum will expand the project eastward past Sunny Lane, all the way to City Hall. This will also include sidewalk along the south side of the road, all the way from the point where the sidewalk ends in the original scope, to City Hall. The road will get an asphalt overlay and be widened. Street lighting will be added. The Consultant will be required to do more survey work within the new project limits. The new scope will eliminate the previous stormwater plan and the Consultant will now design stormwater mitigation for the entire length of the project.

2.4 In addition, the City and YarrowBay have agreed to incorporate utility connections for The Villages into the City's bid documents for efficiency and to ensure coordination of construction work. The design work for such connections have been performed by YarrowBay's engineering firm, Triad. The City's Consultant will incorporate Triad's design into the final product required here (construction plans and specifications) as a separate schedule, and having this work included in a separate schedule allows the City to track the costs. YarrowBay has agreed in the letter dated March 5, 2015 from Colin Lund, Chief Entitlement

CB
City

BEB
Consultant

Officer of YarrowBay to the City, attached hereto, will cover 100% of the design and construction costs for this separate schedule.

3. **Modification to Agreement Terms and Conditions.**

3.1 Exhibit A to the Agreement is hereby deleted and replaced with Exhibit A to this Addendum.

3.2 Exhibit C-1 to this Addendum supplements Exhibit C to the Agreement, and the parties intend that these two exhibits be interpreted together.

4. **Additional Services and Schedule.**

4.1 The Consultant shall perform the professional services described in the Scope of Work attached hereto as Exhibit A and incorporated herein by this reference.

5. **Compensation.**

5.1 Compensation for the Additional Services identified in this First Addendum in Exhibit A, shall be paid based on time and materials according to the Budget sheet attached hereto as Exhibit "C1", not to exceed Two Hundred Twenty-eight Thousand Six Hundred Sixty-eight Dollars (\$228,668.00). This total amount replaces the maximum amount specified in the Agreement.

5.2 Exhibit C1 identifies the maximum additional charges authorized by this First Addendum and an estimate of the hours and charges of various technicians, engineers and surveyors hired by the Consultant.

6. **Other Terms Unchanged.**

6.1 All other terms of the Agreement remain unchanged and enforceable. The First Addendum is intended to modify the terms and conditions of the Agreement only insofar as such modifications are set forth in this Addendum. In the case of any conflict between the terms of the Agreement and the terms of the First Addendum, the provisions of the First Addendum shall control.

DATED: This 20 day of Mar, 2015.

CITY OF BLACK DIAMOND

By: Carol Benson
Carol Benson

CONSULTANT

By: Brian Bunker
Printed Name: Brian Bunker

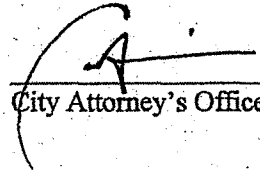
Its: Mayor

Date: March 20, 2015

Its: Senior Consultant

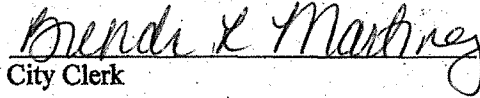
Date: March 11, 2015

APPROVED AS TO FORM:



City Attorney's Office

ATTEST:



City Clerk

EXHIBIT A – AMENDMENT 1 SCOPE OF WORK

City of Black Diamond

Roberts Drive, West End of Rock Creek Bridge to City Hall, Roadway Improvements

INTRODUCTION

The City of Black Diamond was recently awarded an additional Transportation Improvement Board (TIB) grant for improvements to Roberts Drive between Sunny Lane and Lynch Lane. Subsequent discussions with TIB resulted in a request to design improvements to City Hall near Cemetery Road. TIB has combined the previous grant for improvements from Rock Creek to Sunny Lane with this grant so the project can be bid as one larger project, which is anticipated to reduce the overall cost of both projects.

GOALS AND OBJECTIVES

The goals and objectives of this Amendment include:

- Prepare plans, specifications, and an opinion of probable cost for the reconstruction of Roberts Drive from Sunny Lane to City Hall (Cemetery Road).
- Reconstruction of Roberts Drive will include:
 - Widen the eastbound lane to 14-feet and install curb, gutter and sidewalk on the south side of Roberts Drive between Bruckners Way and Sunny Lane.
 - Widen the westbound shoulder to a minimum of 2-feet between Sunny Lane and Cemetery Road.
 - Widen the eastbound lane to 14 feet with an 8-foot wide parking area (where feasible) between Sunny Lane and Cemetery Road. Install curb, gutter and sidewalk on the south side of Roberts Drive between Sunny Lane and Cemetery Road.
- Design pedestrian level lighting from Bruckner's Way to Cemetery Road
- Design for utility improvements as follows:
 - Two 12-inch diameter ductile iron pipes across the Rock Creek Bridge for a future water main connection to serve The Villages MPD and one for future utilities.
 - One 6-inch diameter sanitary sewer force main from 100-feet west of Rock Creek Bridge to Morgan Street for the future redirection of the Morganville Sanitary Sewer Lift Station.
- Stormwater mitigation design for new impervious surfaces in accordance with City of Black Diamond design guidelines.
- Assist the City with construction staging and traffic control.
- Coordination with franchise utilities for relocation.

FORMAT OF THIS SCOPE OF SERVICES

The following scope of services provides the original text included in the initial scope of services in italics along with additional work denoted by bold typeface. The purpose of this formatting is to provide a conformed scope of services to avoid confusion in the future between what was included initially and what is added by this amendment.

PHASE 1 – ROADWAY IMPROVEMENTS

Task 1 – Project Management and QA/QC

Goal

Maintain constant and thorough communications with the City of Black Diamond to maximize teamwork and productivity. Maintain control of the project scope, budget, and schedule. Provide quality service and products to the client.

Approach

The approach to Task 1 includes:

- *Schedule and coordinate the work of all team members and ensure that work is completed within scope and budget.*
- *Perform a quality control review of major deliverables prior to submittal to the City.*
- *Coordinate project documentation to include:*
 - *Prepare necessary project correspondence to support the project work.*
 - *Provide all work products to the client for review in accordance with the scope and schedule.*
 - *Ensure that the Draft and Final deliverables are in compliance with the scope of work and professional standards and provide meaningful input into the design process.*
- *Coordinate with City staff on all aspects of project completion to include:*
 - *Prepare and submit monthly progress billings to the City.*
 - *Provide additional identification of issues and proposed solutions if unforeseen issues arise.*

Deliverables

The deliverables for Task 1 consist of the following:

- *Monthly progress reports. The monthly report, addressing progress of the work, shall include as appropriate:*
 - *Summary of actual versus scheduled cost.*
 - *Summary of actual versus scheduled progress.*
 - *Narrative to define unanticipated issues, responsive action requirements by Parametrix.*

Project Schedule

It is assumed the contract will be complete by December 31, 2015, and that the City will advertise the project for construction in January 2016. Delays due to unforeseen circumstances (i.e., additional meetings or extended review periods) may result in additional effort necessary for project management and administration.

Task 2 – Survey

Goal

To provide a base map for use in preparing the contract documents.

Approach

2.1 Mapping

Parametrix will perform topographic mapping. Mapping limits will include surface features within the existing right-of-way (ROW). Using record information and existing monuments, Parametrix surveyors will establish horizontal and vertical control along Roberts Drive from approximately 350 feet west of the Rock Creek Bridge to a point approximately 100 feet easterly of Sunny Lane.

Mapping will consist of locating existing improvements and ground conditions within the above-described right-of-way. Parcel lines and right-of-way limits will be based upon the applicable public records. Ground features including tops and toes, breaks, water surface elevations, edge of pavement, and ditches will be mapped at sufficient detail to create 1-foot contours. Structures such as fences, driveways, overhead utilities, wing walls and other physical visible improvements will be mapped. An underground utility locate firm will be hired to mark buried utilities such as gas, water, power, telephone, and TV cable, if such utilities have a conductible source or tracer lines attached. Sanitary and storm structures will be opened and measurements will be made identifying size, type, and invert elevation of incoming and outgoing pipes. Once the field work has been completed, a survey technician will process the data and prepare a base map using AutoCAD Civil 3D, Release 2014.

2.1.1 Mapping

Parametrix surveyors will map the ROW limits of Robert's Drive beginning at a point approximately 130 feet east of Sunny Lane and continue easterly to the westerly limits of the previously mapped Robert's Drive at Morgan St. This corridor is approximately 1,400 feet and will include all abutting roads to a point 50 feet beyond the curb returns or 100 feet from the intersections. Also included, is that portion of open or cleared land within TPN 152106-9060.

The ROW limits of Robert's Drive and abutting roads will be established based upon public records and found monuments. No title reports will be ordered. An underground utility locate firm will be contracted to mark conductible utilities within the above described ROW.

In addition to mapping and ROW delineation, legal descriptions and exhibit maps will be prepared for ROW acquisition for the two parcels lying between the westerly boundary of the Plat of Black Diamond Estates and the easterly ROW of Union Drive. These two parcels are defined as TPN's 152106-9028 and 152106-9036.

2.2 AutoCAD Base Map Preparation

Parametrix will process survey field data and generate an AutoCAD drawing showing the existing conditions.

Parametrix will show the existing ROW for the project corridor and parcel lines adjacent to the ROW.

An underground utility locate firm will be hired to mark buried utilities that provide a conductible signal. For those utilities constructed without a tracing wire or made from non-conductible material, record drawings will be used to help identify locations and type of utility if provided by the City.

2.2.1 AutCAD Base Map Revisions

Parametrix will process the additional survey field data and generate an AutoCAD drawing showing the existing conditions from 350-foot west of Rock Creek Bridge to Morgan Street.

Parametrix will show the existing ROW for the project corridor and parcel lines adjacent to the ROW.

An underground utility locate firm will be hired to mark buried utilities that provide a conductible signal. For those utilities constructed without a tracing wire or made from non-conductible material, record drawings will be used to help identify locations and type of utility if provided by the City.

Deliverables

The deliverables for Task 2 consist of the following:

- *AutoCAD drawing in 2014 format, or later, at 1 inch = 20 feet with 1-foot contours, topographic information, and easements along the mapping corridor.*
- *Triangular Integrated Network (TIN) surface for use in design.*
- **Revised AutoCAD drawing in 2014 format, or later, at 1 inch = 20 feet with 1-foot contours, topographic information, and easements along the mapping corridor. Assumptions**
- **Updated Triangular Integrated Network (TIN) surface for use in design**

Following are the assumptions for Task 2:

- *Title reports will not be ordered for this work; boundary information will be based upon recorded information available from King County.*
- *Property corners will not be set, nor will a Record of Survey be prepared.*

Task 3 – Preliminary Design

Goal

To provide preliminary plans and an opinion of cost to the City for review prior to completing final design.

Approach

Parametrix will prepare a DRAFT Stormwater Site Plan documenting how the project will meet the minimum requirements of the City's stormwater manual.

Parametrix will review the City's current traffic model and evaluate alternatives for staging construction of the project with respect to minimizing the impacts to the City's transportation network.

Parametrix will also prepare Preliminary Plans that are anticipated to include the following sheets:

- Typical Sections (1 Sheet).
- **Add additional sections for extension of project to City Hall.**
- Bridge Preliminary Plans (2 Sheets).
- Roadway Plan and Profile (2 Sheets).
- **Additional Roadway Plan and Profile (3 Sheets).**
- **Preliminary Traffic Control and Construction Staging Plans (6 Sheets).**
- **Preliminary Utility Plan (Sanitary Sewer Force Main) (5 Sheets).**

Deliverables

The deliverables for Task 3 include:

- Preliminary plans (11-inch by 17-inch half-Size in electronic PDF copy).
- Preliminary Opinion of Cost in MS Excel format.
- ~~DRAFT and Final~~ Stormwater Site Plan in electronic PDF format. **DRAFT Stormwater Site Plan Only.**

Assumptions

Following are the assumptions for Task 3:

- Documents and figures will be prepared using Parametrix internal company production standards.
- The budget estimate includes the design of:
 - Attached pedestrian structure to existing bridge.

- Restoration of the existing bridge to include coating of exposed rebar and resurfacing, painting/coating existing structure with Zypex or similar product, removal of the existing barrier and replacement with single slope concrete barrier and guardrail.
- A 6-foot wide pervious concrete sidewalk from approximately 200-feet west of the structure to Buckners Way where pedestrians will cross to the north side of the roadway.
- A 4-foot wide porous asphalt shoulder from the Rock Creek bridge to Sunny Lane.
- HMA Overlay from Rock Creek Bridge to Sunny Lane.
- Design of a shallow retention system at Sunny Lane on south side of the roadway to prevent drainage from Roberts Drive from inundating pervious shoulder.
- ~~It is anticipated that porous pavements will be used for roadway widening and the new sidewalk. Therefore, no additional water quality or flow control facilities are anticipated. Changes in the project scope that would exceed thresholds for stormwater mitigation will be considered as additional services not included in this scope of work or in the budget estimate.~~
- **Parametrix will analyze the mitigation requirements for the project and will provide up to two (2) alternatives for stormwater treatment and disposal via infiltration.**
- **Parametrix will evaluate up to six (6) intersections for impacts from up to two (2) staging alternatives. Parametrix will attend up to one (1) Public Works Committee meeting to discuss the staging alternatives and potential traffic impacts.**
- *Comments received on the preliminary design will be incorporated into the 90% plans, specifications, and opinion of cost included in Task 4.*

Task 4 – Final Design

Goal

To prepare 90% design level plans, contract documents, and opinion of cost for review by the City and subsequently prepare final plans, contract documents, and opinion of cost for bidding.

Approach

Parametrix will prepare 90% plans and contract specifications in accordance with the City's design guidelines.

Anticipated plan sheets include:

- *Cover Sheet and Legend (2 Sheets).*
- *Typical Sections (1 Sheet).*
- **Additional Typical Sections (1 Sheet).**
- *Bridge Plans:*
 - *Bridge Layouts (Existing and Pedestrian) (1 Sheet).*
 - *Demolition and General Notes (1 Sheet).*
 - *Staging Plan (1 Sheet).*

- *Foundation Plans (2 Sheets).*
- *Pedestrian Bridge Details and existing bridge repairs (5 Sheets).*
- *Roadway Plan and Profile (2 Sheets).*
- **Retaining Wall Plan and Profile (1 Sheet).**
- **Additional Roadway Plan and Profile (3 Sheets).**
- **Retention Pond Plans (3 Sheets).**
- **Utility Plan and Profile (5 Sheets).**
- **Pedestrian Level Illumination Plans & Details (5 Sheets).**
- **Traffic Control and Staging Plans (6 Sheets).**
- *Details (1 Sheet).*
- **Additional Details (1 Sheet).**

Parametrix will prepare a Final Stormwater Site Plan.

Parametrix will prepare the contract documents to approximately a 90% level of completion and will prepare an opinion of cost based upon the work included in the plans. The City will review the 90% submittal and return written comments to Parametrix for incorporation into the final bidding documents.

Final structural calculations will be provided for the City's records with the final contract documents.

Deliverables

The deliverables for Task 4 include:

- *Five (5) copies of Draft (90%) Plans and Contract Documents (includes half-size plans) for review by the City.*
- **Electronic copy of Final Stormwater Site Plan.**
- *Five (5) copies of the Final Plans and Contract Documents (includes half-size plans) and electronic (PDF) copy.*
- *Electronic copy of the plans (TIFF/PDF formats) and Contract Documents (PDF and MS Word) for online bidding and plan centers.*
- *Electronic copy of the 90% opinion of cost (MS Excel format).*
- *Electronic copy of the Final opinion of cost (MS Excel format).*
- *One (1) copy of the final structural calculations and an electronic PDF copy.*

Assumptions

Following are the assumptions for Task 4:

- *The City will provide their legal documents and contract boilerplate to Parametrix in electronic format (MS Word format assumed).*

- *The contract documents will be prepared using the 2014 WSDOT Standard Specifications.*

Task 5 – Cultural Resources Survey

Goal

To provide for a cultural and historic resources survey to satisfy Executive Order 05-05, which is a TIB funding requirement.

Approach

Cultural Resources Consultants will complete the survey and prepare the report for submittal by the City to DAHP and affected Tribes.

Deliverables

The deliverables for Task 3 include:

- *Electronic copy (PDF) of report for submittal to DAHP and affected Tribes*

Task 6 – Environmental Permitting

Goal

To prepare a Joint Aquatic Resources Permit Application (JARPA) for use in permit applications for a Hydraulic Project Approval (HPA) from Washington State Department of Fish and Wildlife.

Approach

Parametrix will prepare the JARPA and use it for preparation of the applications for the HPA. Parametrix will coordinate with City Staff, the internal Parametrix design team and agency reviewers to assist the City in obtaining the HPA.

Deliverables

The deliverables for Task 6 include:

- *JARPA*
- *HPA Application*

Assumptions

Following are the assumptions for Task 6:

- *The scope of services and budget estimate do not include the preparation of a critical area report, which may be requested by WDFW following review of the JARPA. If a critical area report or other additional information other than that which is available in the JARPA is necessary for permit approval, Parametrix will prepare an amendment for the City's consideration to complete this additional work.*

PHASE 2 – WATER MAIN DESIGN

Task 21 – Coordination with MDRT

Goal

To coordinate the project design with the water main design (prepared by the Master Developer).

Approach

Parametrix staff will meet with the Master Developer, City and members of the MDRT to coordinate the design of the bridge rehabilitation and roadway design with the Master Developer's water main extension.

Assumptions

Following are the assumptions for Task 21:

- Coordination with the MDRT is limited to two (2) meeting lasting not longer than 8 hours including travel and preparation time.

Task 22 – 90% Design Assistance

Goal

To assist with the incorporation of the Master Developer's water main extension design into the City's contract documents for public bidding.

Approach

Parametrix staff will prepare a DRAFT of the contract bid schedule/proposal, technical specifications and quantity takeoffs for inclusion in the 90% Plans, Specifications and Opinion of Cost. The bid proposal, technical specifications and quantity takeoffs will be based on plans provided by the Master Developer.

The Master Developer will review the DRAFT of the contract bid schedule/proposal, technical specifications and quantity takeoffs for inclusion in the 90% Plans, Specifications and Opinion of Cost and return final stamped/signed plans, final quantity takeoffs and final technical specifications for incorporation into final bidding documents.

Deliverables

The deliverables for Task 22 include:

- DRAFT contract bid schedule/proposal, technical specifications and quantity takeoffs in MS Word and MS Excel formats.

Assumptions

Following are the assumptions for Task 22:

- The Master Developer will return comments on the deliverables in the native electronic format using “track changes” or other tools to denote their comments and requested revisions for incorporation into the final bidding documents.

Task 23 – Final Design Assistance

Goal

To assist with the incorporation of the Master Developer’s water main extension into the City’s contract documents for public bidding.

Approach

Parametrix staff will incorporate comments received from the Master Developer on the DRAFT of the contract bid schedule/proposal, technical specifications and quantity takeoffs for inclusion in the final bidding documents.

The Master Developer’s Engineer of Record will review the final bidding documents and return comments to Parametrix for final document production. The Master Developer’s Engineer of Record will provide final sealed plans (if revisions are necessary following the 90% submittal) for inclusion in the bidding documents and will also seal the contract technical specifications as they relate to their water main extension and the final opinion of cost as it relates to the water main extension.

Deliverables

The deliverables for Task 23 include:

- Final contract bid schedule/proposal, technical specifications and quantity takeoffs in MS Word and MS Excel formats for review.
- Incorporation of the Final contract bid schedule/proposal, technical specifications into the final bidding documents.

Assumptions

Following are the assumptions for Task 22:

- The Master Developer’s Engineer of Record will provide final sealed plans for inclusion in the bidding documents and will also seal the contract technical specifications as they relate to their water main extension and the final opinion of cost as it relates to the water main extension.

PHASE 3 – BIDDING ASSISTANCE

Task 31 – Bidding Assistance

Goal

To assist the City with addenda, clarification of design intent and requests for material substitutions during the bidding phase of the project.

Approach

Parametrix will provide assistance during the bidding phase of the project. Services included in this task are:

- *Preparation of one (1) addenda for the project.*
- *Informal communication to clarify design intent.*
- *Review and recommendations to the City regarding material substitutions if requested by bidders.*

Deliverables

The deliverables for Task 31 include:

- *Up to one (1) addenda in electronic (PDF) format for posting at online bidding center.*
- *Written recommendations for material substitutions.*

Assumptions

Following are the assumptions for Task 31:

- *The budget estimate includes 8 hours for informal communication to clarify design intent and review of one (1) material substitution request*

END OF PROPOSAL

**Exhibit C1 to Amendment 1
Budget Estimate**

Client: City of Black Diamond
Project: Roberts Drive, West End of Rock Creek Bridge to City Hall,
Roadway Improvements
Project No: 214-3043-021

Phase	Task	Description	Labor Dollars	Labor Hours	\$205.00	\$110.00	\$125.00	\$145.00	\$105.00	\$120.00	\$220.00	\$135.00	\$95.00	\$110.00
01	01	Roberts Drive Design	\$101,900.00	766										
		Project Management & QA/QC	\$6,970.00	40	138	378	48	28	40	52	10	60	6	6
		Additional Progress Reports	\$2,650.00	16	4									6
		Additional Coordination	\$1,640.00	8	8									6
		Additional QA/QC	\$3,280.00	16	16									6
102		Mapping	\$14,500.00	120				28	40	52				
		Additional Field Work	\$4,200.00	40					40					
		Update Base Map	\$4,800.00	40										
		Update ROW/Parcel Lines	\$1,160.00	8				8						
		ROW Exhibits/Descriptions	\$4,340.00	32				20	12					
103		Preliminary Design	\$24,800.00	180	40	100						40		
		Additional Sections	\$880.00	8	8									
		Add Road Plan/Profile (2)	\$5,160.00	40	8	32								
		Traffic Control/Staging Plans (6)	\$12,320.00	96	8	48						40		
		DRAFT Stormwater Site Plan	\$6,240.00	36	24	12								
104		Final Design	\$55,830.00	428	70	278	48					30		
		Add Typical Sections (1)	\$880.00	8	8									
		Add Roadway Plan/Profile (3)	\$8,240.00	68	8	60								
		Retaining Wall Plan/Profile (1)	\$1,730.00	14	2	12								
		Retention Pond Plans (3)	\$10,380.00	84	12	72								
		Utility Plan and Profile (5)	\$6,980.00	52	4	40						8		
		Pedestrian Level Illumination (5)	\$6,640.00	48	8	40								
		Traffic Control & Staging Plans (4)	\$8,740.00	68	8	40								20
		Additional Details (1)	\$1,290.00	10	2	8								
		Final Stormwater Site Plan	\$4,160.00	24	16	8								
		Final Plans and Contract Documents	\$6,790.00	50	10	30	8							
02	21	Water Main Design	\$6,560.00	32	32									
		Coordination w/ MORT	\$3,280.00	16	16									
02	22	90% Design Assistance	\$1,460.00	12	12									
		Prepare 90% Contract Specs	\$1,640.00	4	4									
02	23	Final Design Assistance	\$820.00	4	4									
		Final Contract Specs	\$410.00	2	2									
		Final Quantity Takeoffs	\$410.00	2	2									
Labor Totals:			\$108,460.00	798	170	378	48	28	40	52	10	60	6	6
			\$34,850.00	\$41,580.00	\$6,000.00	\$4,060.00	\$4,060.00	\$4,200.00	\$6,240.00	\$2,200.00	\$8,100.00	\$570.00	\$660.00	

PREVIOUS BUDGET SUMMARY:

Phase 1 - Roberts Drive Design	
Labor Cost	\$106,796.00
Subconsultants	\$4,306.50
Direct Expenses	\$1,213.50
Phase Total:	\$112,316.00

AMENDMENT 1 BUDGET SUMMARY:

Phase 1 - Roberts Drive (Amendment 1)	
Labor Cost	\$101,900.00
Subconsultants	\$0.00
Direct Expenses	\$994.00
Phase Total:	\$102,894.00

Phase 2 - Water Main Design

Labor Cost	\$6,540.00
Subconsultants	\$0.00
Direct Expenses	\$308.00
Phase Total:	\$6,848.00

Total Initial Contract \$118,906.00
New Maximum Contract Value = \$228,668.00

DIRECT EXPENSES:

Description	Amount
B & W 8.5 x 11	\$100.00
B & W 11 x 17	\$120.00
Plotter Bond/Mylar	\$494.00
Mileage	\$224.00
WA Survey Equipment	\$264.00
WA Survey Vehicle	\$100.00
Expense Total:	\$1,302.00

Project Total: \$109,762.00