




**HDR ENGINEERING, INC.**

By:   
Justin A. Word, Vice President

09/10/2024  
Date

**CITY OF ROUND ROCK**

**APPROVED AS TO FORM:**

**By:** \_\_\_\_\_  
**Craig Morgan, Mayor**

\_\_\_\_\_  
**Stephanie L. Sandre, City Attorney**

\_\_\_\_\_  
**Date**

**ADDENDUM TO EXHIBIT B  
ENGINEERING SERVICES**

**SUPPLEMENTAL CONTRACT NO. 2**

**For Roadway Improvements on CR 112 from CR 117 to CR 110  
Round Rock, Texas**

**Project Limits: From 300 feet east of CR 117 to CR 110.**

Project Length: 6,825 feet (1.293 Miles)

**Project Statement:**

The roadway improvements for CR 112 from CR 117 to CR 110 are to widen this 1.293-mile section from a two-lane rural roadway to six-lane divided arterial roadway and add pedestrian facilities per the approved schematic developed in the Preliminary Engineering Phase.

The work to be performed by HDR Engineering, Inc. (ENGINEER) for this Supplemental Contract No. 2 shall consist of providing engineering services to prepare traffic signal plans for the intersection of CR 112/Avery Nelson Parkway and CR 110, Kenney Fort Blvd intersection coordination and design changes, Ponce De Leon Driveway, Tie-in phasing with CR 112 West Segment.

The detailed scope of services for this work is further described below.

**TASK I: PROJECT MANAGEMENT**

**A. Managing Contracted Services (Project Management)**

- a. **Additional Project Coordination Meetings with CITY:** The ENGINEER will coordinate with the CITY to complete the PS&E for the project. The ENGINEER will prepare for and attend coordination meetings with the CITY to discuss project progress, planned activities, key issues or items requiring decision or approval by the City. The ENGINEER shall prepare meeting minutes for all meetings and will distribute to staff for approval and record keeping.
- b. **Additional Progress Reporting:** The ENGINEER will provide monthly invoices for payment to the CITY including a Project Status Report of work completed within the reporting period, work anticipated in the next work period, and any outstanding issues or concerns.
- c. **Coordinate with CITY's consultant for CR 112 West Segment:** The ENGINEER will coordinate with the designer of the adjacent design section to determine the proper tie-in, conveyance of drainage, traffic control and schedule for both projects. CITY direction is to construct the West Segment first, followed by the East Segment at a later date to be determined by the CITY.

- d. **Coordinate with CITY's consultant for Kenney Fort Boulevard:** The ENGINEER will coordinate with the designer of the Kenney Fort project, currently in the schematic development phase and crossing CR 112. This includes intersection geometry and revisions to Structure A-1 to accommodate the future construction of Kenney Fort Blvd.
- e. **Coordinate with Nelson Family Partnership Property Owner:** The ENGINEER shall develop and coordinate preparation of additional exhibits required to facilitate right-of-way acquisition by the City Attorney. The ENGINEER shall review requests from the City Attorney or the adjacent property owners for revisions or additions to the plans such as utility sleeves or driveway accommodations, as approved by the CITY for incorporation into the design package.
- f. **Quality Assurance / Quality Control:** The ENGINEER will provide quality control of identified documents prior to each defined design submittal (Final) following established quality assurance processes.

## **TASK II: ROADWAY DESIGN**

The following design changes have been requested by the CITY to accommodate the future construction of this intersection: Re-alignment and reconfiguring the intersection to accommodate a six-lane arterial with dual left turn lanes and dedicated right turn for north and south directions as they intersect with CR 112 and revisions to the shared-use path and sidewalks.

- A. **Update Typical Section:** Typical sections shall be revised to reflect the latest design on Kenney Fort Blvd and CR 112 intersection. Typical sections shall include width of travel lanes, shoulders, outer separations, border widths, sidewalks, curb offsets, and ROW. The typical section shall also include PGL, centerline, pavement design, longitudinal joints, side slopes, sodding/seeding limits, concrete traffic barriers and sidewalks, if required, station limits, common proposed and existing structures including retaining walls, existing pavement removal, limits of embankment and excavation, and existing and proposed utilities.
- B. **Detail Grading and Setting ROW limits:** Detail grading shall be revised to reflect the latest design on Kenney Fort Blvd and CR 112 to set the appropriate ROW.
- C. **Revision of Roadway Plan & Profile:** The ENGINEER shall realign and reconfigure the intersection to accommodate a six-lane arterial with dual left turn lanes and dedicated right turn for north and south directions as they intersect with CR 112. This includes revisions to the shared-use path and sidewalks.
- D. **Intersection Layout – Kenney Fort Blvd:** The ENGINEER shall update the intersection layout detailing the pavement design and drainage design at the intersection of Kenney Fort Blvd. The layout shall include the horizontal and vertical alignments, curb returns, contours, geometrics, transition length, stationing, pavement, drainage details, sidewalk, and Shared-Use-Path. The ENGINEER shall design for full pavement width to the ROW and provide a transition to the

existing roadway.

- E. Driveway Plan & Profiles:** Prepare driveway plan and profiles near Ponce De Leon Pass and existing CR 112 with details including station, pavement section, width, length, radii, proposed grades, parallel culvert details (if needed) and associated temporary construction easements.
- F. Revision of Removal Layouts:** The ENGINEER shall revise CR 112 removal plans for existing CR 112 at CR 110 that will remain in place after construction is completed.
- G. Revision of Roadway Cross Sections:** The ENGINEER shall revise the 3D design model for the changes in Kenney Fort Blvd using Geopak or OpenRoads to determine earthwork quantities and provide final design cross sections at 50-foot intervals. Cross sections shall be delivered in standard GEOPAK format on 11"x17" sheets or roll plots and electronic files. Cross sections and quantities shall consider existing pavement removals. Annotation shall include at a minimum existing/proposed right of way, side slopes (front & back), and profiles. Utility information will be provided where grades/elevations are available. Cross sections shall be submitted by the ENGINEER at the Final submittal.
- H. Miscellaneous Detail Sheets:** Provide detail sheets (estimated 2 sheets) for placing City of Round Rock Logo on the concrete rail.
- I. Update Quantity Summary Sheets:** Update summary sheets showing item description, item unit, and item quantity for roadway bid items.

### **TASK III: DRAINAGE DESIGN**

- A. Update Hydrologic and Hydraulic Model for Structure A-1:** The ENGINEER shall extend the A-1 structure to the southeast corner of the Kenney Fort Blvd and CR 112 intersection. The ENGINEER shall update hydraulic model of the lengthened culvert.
- B. Update Culvert Layout for Structure A-1:** The ENGINEER revise the culvert layout based on the latest design changes at Kenney Fort Blvd intersection.
- C. Revise Drainage for Nelson ROW Acquisition:** The ENGINEER shall revise the drainage design to accommodate the new driveway.
- D. Update Final Drainage Report:** The ENGINEER shall update the drainage report based on the latest design changes post 95% submittal.

### **TASK IV: SIGNING AND PAVEMENT MARKING**

- A. Update Signing and Pavement Marking at Kenney Fort Blvd:** The ENGINEER shall update drawings, specifications, and details for necessary small signing and pavement markings at the intersection of Kenney Fort Blvd.
- B. Update Signing and Pavement Marking at CR 110:** The ENGINEER shall update drawings, specifications, and details for necessary small signing and pavement markings at the intersection

of CR 110.

- C. **Update Quantity Summary Sheets:** Update summary sheets showing item description, item unit, and item quantity for temporary and permanent signing and pavement marking bid items.

#### **TASK V: TRAFFIC CONTROL PLAN, DETOURS, AND SEQUENCE OF CONSTRUCTION**

The ENGINEER shall update the interface and coordinate phases of work, including the TCP, with adjacent Engineers. The ENGINEER shall:

- A. **Update TCP due to Separating Projects:** Revise TCP plan to assume CR 112 West Segment is in construction before CR 112 East Segment.

#### **TASK VI: STORM WATER POLLUTION PREVENTION PLANS (SW3P)**

- A. **Update SW3P Plan Sheets:** The ENGINEER shall update the SW3P plan sheets to minimize potential impacts to receiving waterways. The SW3P shall include text describing the plan, quantities, type, phase, and locations of temporary erosion control devices (BMPs) and any required permanent erosion control.
- B. **Update Quantity Summary Sheets:** Provide summary sheets showing item description, item unit, and estimated item quantities.

#### **TASK VII: SIGNAL DESIGN**

The ENGINEER shall prepare the traffic signal design for the intersection of proposed CR 112 with CR 110/Avery-Nelson Parkway.

Our basic engineering services are listed below:

- A. Coordination with city and project team. Two (2) meetings are assumed.
- B. Conduct a field review of the intersection to note and verify physical constraints, power connection, utility placement, and any other details necessary for signal plan preparation.
- C. Meet with the electric company (Oncor) in the field to discuss pole locations and source of power for the signals. One (1) meeting is assumed for budget purposes.
- D. Prepare draft set of plans for 90% submittal. The 90% plans will include existing layout, proposed signal design, conductor/conduit schedule, signal foundation, quantity estimates, and applicable standards.
- E. Submit draft plans for City's review as part of roadway design package. TxDOT standard details and specifications will be used for this project.
- F. Coordinate with the City and County to address 90% submittal comments.
- G. Prepare final set of plans addressing all previous comments for a 100% submittal. Plans will be

included in the final design package for CR112 roadway widening project.

**H.** Develop signal design cost estimate to be included in the overall roadway design estimates.

### **TASK VIII: UTILITY COORDINATION**

Utility Engineering including the identification of utility conflicts, coordination, compliance with the City of Round Rock utility criteria, and resolution of utility conflicts. Coordinate all activities with the CITY to facilitate the orderly progress and timely completion of the utility coordination phase.

#### **A. Attend Additional Utility Coordination Meetings:**

- a. Establish contact with all existing utilities within and adjacent to the project limits and set up utility coordination meetings to discuss concepts and options for construction.
- b. Schedule all utility coordination meetings and assess compatibility with the schedule of the City.
  - (i) Set agenda for all coordination meetings as directed by the City.
  - (ii) Progress Meetings: Meet with the City periodically to coordinate the work effort and resolve problems and prepare a written report of such meetings. The meetings shall review:
    - Activities completed since the last meeting
    - Problems encountered.
    - Late activities.
    - Activities required by the next progress meeting.
    - Solutions for unresolved and/or anticipated problems.
  - (iii) Information or items required from other agencies/consultants.

#### **B. Utility Coordination: Enterprise.**

- a. Prepare utility layout sheets, SUE Level 'A' exhibits, technical exhibits to be attached to the reimbursement agreement between the CITY and Enterprise (Seminole) Pipeline Company. Revise drainage design and roadway plans as required to obtain approval for the expanded roadway crossing over the pipelines including roadway grading, barrier rail, and storm sewer elevations to meet criteria for the encroachment.

#### **C. Plan Revisions and Encroachment Exhibits**

- a. Provide encroachment exhibits and evaluate revision to plans based on coordination with utility owners

### **TASK IX: ADDITIONAL BID PHASE SERVICES FOR SIGNAL DESIGN**



It is assumed that the project manual for bid package will be prepared as part of the roadway plan preparation. This stage will include the following services to support the signal design task.

- A. Address design questions related to signal design from the contractor during bidding process.
- B. Attend bid opening. One (1) meeting is assumed.

**TASK X: ADDITIONAL CONSTRUCTION PHASE SERVICES FOR SIGNAL DESIGN**

This stage will include the following services for the signal design portion of the construction phase services.

- A. Attend pre-construction meeting. One (1) meeting is assumed.
- B. Review shop drawing submittals related to signal equipment.
- C. Respond to signal design RFI's from the contractor during construction.
- D. Attend meetings with contractor and city. Two (2) meetings assumed.
- E. Attend a final walk through after construction and prepare a punch list for signal related items (if required).

**Exclusions**

- Design services beyond those specifically stated in this scope and any previously approved scopes
- Traffic Signal Warrant Studies

**ADDENDUM TO EXHIBIT C**  
**Work Schedule**

Attached Behind This Page

ID	Task Name	Duration	Start	Finish	Half 1, 2024			Half 2, 2024			Half 1, 2025			Half 2, 2025			Half 1, 2026			Half 2, 2026			Half 1, 2027			Half 2, 2027		
					J	M	M	J	S	N	J	M	M	J	S	N	J	M	M	J	S	N	J	M	M	J		
1	<b>Design Phase</b>	<b>801 days</b>	<b>Mon 3/4/24</b>	<b>Tue 4/13/27</b>																								
2	<b>Project Management</b>	<b>693 days</b>	<b>Mon 8/5/24</b>	<b>Tue 4/13/27</b>																								
3	Execute SWA #2	0 days	Mon 8/5/24	Mon 8/5/24																								
4	Project Management	87 days	Mon 8/5/24	Thu 12/5/24																								
5	Work Authorization Expiration	0 days	Tue 4/13/27	Tue 4/13/27																								
6	<b>Plans, Specifications &amp; Estimate (PS&amp;E)</b>	<b>159 days</b>	<b>Mon 3/4/24</b>	<b>Tue 10/15/24</b>																								
7	<b>100% PS&amp;E</b>	<b>135 days</b>	<b>Mon 3/4/24</b>	<b>Wed 9/11/24</b>																								
8	Design and Plan Set Production	110 days	Mon 3/4/24	Tue 8/6/24																								
9	Engineers Opinion of Cost	5 days	Wed 7/31/24	Tue 8/6/24																								
10	Construction Project Schedule	5 days	Wed 7/31/24	Tue 8/6/24																								
11	GIS Submittal Checklist	5 days	Wed 7/31/24	Tue 8/6/24																								
12	100% QC/QC Review	5 days	Wed 8/7/24	Tue 8/13/24																								
13	100% PS&E Submittal to City	0 days	Tue 8/13/24	Tue 8/13/24																								
14	100% City Review	20 days	Wed 8/14/24	Wed 9/11/24																								
15	<b>Final PS&amp;E (Signed and Sealed)</b>	<b>24 days</b>	<b>Thu 9/12/24</b>	<b>Tue 10/15/24</b>																								
16	Final Design and Sealed Plan Set	10 days	Thu 9/12/24	Wed 9/25/24																								
17	90% Comment Responses	2 days	Thu 9/12/24	Fri 9/13/24																								
18	Specifications	1 day	Thu 9/26/24	Thu 9/26/24																								
19	Bid Form	1 day	Thu 9/26/24	Thu 9/26/24																								
20	Final QA/QC	2 days	Fri 9/27/24	Mon 9/30/24																								

ID	Task Name	Duration	Start	Finish	Half 1, 2024			Half 2, 2024			Half 1, 2025			Half 2, 2025			Half 1, 2026			Half 2, 2026			Half 1, 2027			Half 2, 2027
					J	M	M	J	S	N	J	M	M	J	S	N	J	M	M	J	S	N	J	M	M	J
21	Final Submittal Response to RAS Comments	11 days	Tue 10/1/24	Tue 10/15/24					■																	
22	Final% PS&E Submittal	0 days	Tue 10/15/24	Tue 10/15/24					◆ 10/15																	
23	<b>Construction Phase</b>	<b>552 days</b>	<b>Wed 10/16/24</b>	<b>Tue 12/8/26</b>																						
24	<b>Project Mangagement</b>	<b>300 days</b>	<b>Wed 10/16/24</b>	<b>Fri 12/19/25</b>																						
25	Project Management During Construction	300 days	Wed 10/16/24	Fri 12/19/25																						
26	<b>Pre Construction</b>	<b>10 days</b>	<b>Wed 11/13/24</b>	<b>Wed 11/27/24</b>																						
27	Pre Construction Meeting	0 days	Wed 11/13/24	Wed 11/13/24					◆ 11/13																	
28	Submittal Review	10 days	Thu 11/14/24	Wed 11/27/24					■																	
29	<b>During Construction</b>	<b>522 days</b>	<b>Thu 11/28/24</b>	<b>Tue 12/8/26</b>																						
30	Respond to Requests for information/modifications	522 days	Thu 11/28/24	Tue 12/8/26																						
31	Review Change Orders	522 days	Thu 11/28/24	Tue 12/8/26																						
32	<b>Record Drawing Phase</b>	<b>10 days</b>	<b>Wed 12/9/26</b>	<b>Tue 12/22/26</b>																				■		
33	Compile Record Drawings	10 days	Wed 12/9/26	Tue 12/22/26																				■		

**ADDENDUM TO EXHIBIT D**  
**Fee Schedule**

Attached Behind This Page

Exhibit D

Project: CR 112 from CR 117 to CR 110

Fee Schedule - Lump Sum

Firm Provider: HDR Engineering, Inc.

SUPPLEMENTAL NO. 2

		Hours for the Classifications											TOTAL HOURS	Total Amount	
		Project Principal	Sr. Project Manager	Senior Engineer	Project Engineer	Design Engineer	Engineer in Training	Sr. Design Technician	Sr Structural Engineer	Structural Engineer	CADD Technician	Admin / Clerical			
<b>TASK I</b>	<b>Project Management</b>														
	Additional Project Coordination Meetings with CITY		4										4		\$1,036.00
	Additional Progress Reporting		6									14	20		\$2,422.00
	Coordinate with CITY's consultant for CR 112 West Segment		4	8									12		\$2,756.00
	Coordinate with CITY's consultant for Kenney Fort Blvd		4	8	16								28		\$5,396.00
	Coordinate with Nelson Family Partnership Property Owner		4	8									12		\$2,756.00
	Quality Assurance / Quality Control		8	16	24								48		\$9,472.00
	<b>SUBTOTAL PROJECT MANAGEMENT</b>	<b>0</b>	<b>30</b>	<b>40</b>	<b>40</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14</b>			<b>\$23,838.00</b>
<b>TASK II</b>	<b>Roadway Design</b>														
	Update Typical Section							4					4		\$480.00
	Detail Grading and Setting ROW limits		2	4		8		8					22		\$3,450.00
	Revision of Roadway Plan & Profile		4	8		8		24					44		\$6,748.00
	Intersection Layout – Kenney Fort Blvd		4					16					20		\$2,956.00
	Driveway Plan & Profiles		2			4		16					22		\$2,994.00
	Revision of Removal Layouts			2				8					10		\$1,390.00
	Revision of Roadway Cross Sections		2	4				16					22		\$3,298.00
	Miscellaneous Detail Sheets (Revise Rail Standard)							16	6				22		\$3,552.00
	Update Quantity Summary Sheets		2					8					10		\$1,478.00
	<b>SUBTOTAL ROADWAY DESIGN</b>	<b>0</b>	<b>16</b>	<b>18</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>116</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>\$26,346.00</b>
<b>TASK III</b>	<b>Drainage Design</b>														
	Update Hydrologic and Hydraulic Model for Structure A-1			4	12								16		\$2,840.00
	Update Culvert Layout for Structure A-1			4	4		24	24					56		\$7,940.00
	Revise Drainage for Nelson ROW Acquisition			4	12		40						56		\$7,240.00
	Update Final Drainage Report		2	8	24								34		\$6,198.00
	<b>SUBTOTAL DRAINAGE DESIGN</b>	<b>0</b>	<b>2</b>	<b>20</b>	<b>52</b>	<b>0</b>	<b>64</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>\$23,318.00</b>
<b>TASK IV</b>	<b>Signing and Pavement Markings</b>														
	Update Signing and Pavement Marking at Kenney Fort Blvd		2	4		8		12					26		\$3,930.00
	Update Signing and Pavement Marking at CR 110		2	4		8		12					26		\$3,930.00
	Update Quantity Summary Sheets			2	4		4	8					14		\$1,946.00
	<b>SUBTOTAL SIGNING AND PAVEMENT MARKINGS</b>	<b>0</b>	<b>4</b>	<b>10</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>\$9,806.00</b>
<b>TASK V</b>	<b>Traffic Control Plan, Detours, and Sequence of Construction</b>														
	Update TCP due to Separating Projects		2	4				8					14		\$2,338.00
	<b>SUBTOTAL TCP</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>\$2,338.00</b>
<b>TASK VI</b>	<b>Storm Water Pollution Prevention Plans (SW3P)</b>														
	Update SW3P Plan Sheets		2	4				16					22		\$3,298.00
	Update Quantity Summary Sheets				2			8					10		\$1,290.00
	<b>SUBTOTAL SW3P</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>\$4,588.00</b>
<b>TASK VII</b>	<b>Signal Design</b>														
	Coordination & Meetings		4		8								12		\$2,356.00
	Field review				8		8						16		\$2,200.00
	Meet with electric company/Coordination				4		8						12		\$1,540.00
	Draft signal plans (90%)		8	32	40		80						160		\$21,352.00
	Address comments from City		8	8			8						24		\$4,272.00
	Final signal plans (100%)		4	4	4		8	24				2	42		\$5,580.00
	Cost estimate				4		8						12		\$1,540.00
	<b>SUBTOTAL SIGNAL DESIGN</b>	<b>0</b>	<b>24</b>	<b>0</b>	<b>68</b>	<b>0</b>	<b>80</b>	<b>104</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>			<b>\$38,840.00</b>
<b>TASK VIII</b>	<b>Utility Coordination</b>														
	Attend Additional Utility Coordination Meetings		2			8	12	12					34		\$4,390.00
	Utility Coordination: Enterprise		2			8	12	12					34		\$4,390.00
	Plan Revisions and Encroachment Exhibits		4			8	12	12					24		\$3,588.00
	<b>SUBTOTAL UTILITY COORDINATION</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>24</b>	<b>24</b>	<b>36</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>\$12,368.00</b>
<b>TASK IX</b>	<b>Bid Phase Services For Signal Design</b>														
	Address bid questions		4		4		8						16		\$2,576.00
	Attend bid opening		4		4		8						16		\$2,576.00
	<b>SUBTOTAL BID PHASE</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>\$5,152.00</b>
<b>TASK X</b>	<b>Construction Phase Services For Signal Design</b>														
	Pre construction meeting (1)		2										2		\$518.00
	Review shop drawing submittals		2		4		16						22		\$2,938.00
	Respond to RF's		2		4		4						10		\$1,618.00
	Attend mtgs. (2)		2		2		2						4		\$848.00
	Final walk through & Punch list		2		4		2						8		\$1,398.00
	<b>SUBTOTAL CONSTRUCTION PHASE</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>14</b>	<b>0</b>	<b>22</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>\$7,320.00</b>
	<b>HOURS - TOTAL FOR SUPPLEMENTAL #2</b>	<b>0</b>	<b>106</b>	<b>96</b>	<b>184</b>	<b>64</b>	<b>206</b>	<b>344</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>16</b>	<b>1022</b>		
	<b>RATE</b>		\$259.00	\$215.00	\$165.00	\$139.00	\$110.00	\$120.00	\$272.00	\$208.00	\$97.00	\$62.00			
	<b>TOTAL HDR LABOR</b>		\$27,454.00	\$20,640.00	\$30,360.00	\$8,896.00	\$22,660.00	\$41,280.00	\$1,632.00	\$0.00	\$0.00	\$992.00			<b>\$153,914.00</b>
	<b>Direct Expenses</b>														<b>\$410.00</b>
	<b>GRAND TOTAL</b>														<b>\$154,324.00</b>

Exhibit D

Project: CR 112 from CR 117 to CR 110

SUPPLEMENTAL NO. 2

Fee Schedule - Lump Sum

Firm Provider: HDR Engineering, Inc.

Task		Total Labor Hours	Total Loaded Labor Cost	Other Direct Costs	Inland Geodetics (Subconsultant)	TOTALS
Task I	Project Management	124	\$23,838.00	\$0.00	\$0.00	\$23,838.00
TASK II	Roadway Design	176	\$26,346.00	\$0.00	\$0.00	\$26,346.00
TASK III	Drainage Design	162	\$23,318.00	\$0.00	\$0.00	\$23,318.00
TASK IV	Signing and Pavement Markings	66	\$9,806.00	\$0.00	\$0.00	\$9,806.00
TASK V	Traffic Control Plan, Detours, and Sequence of Construction	14	\$2,338.00	\$0.00	\$0.00	\$2,338.00
TASK VI	Storm Water Pollution Prevention Plans (SW3P)	32	\$4,588.00	\$0.00	\$0.00	\$4,588.00
TASK VII	Signal Design	278	\$38,840.00	\$0.00	\$0.00	\$38,840.00
TASK VIII	Utility Coordination	92	\$12,368.00	\$0.00	\$0.00	\$12,368.00
TASK IX	Bid Phase Services For Signal Design	32	\$5,152.00	\$0.00	\$0.00	\$5,152.00
TASK X	Construction Phase Services For Signal Design	46	\$7,320.00	\$0.00	\$0.00	\$7,320.00
Direct Expenses				\$410.00		\$410.00
<b>GRAND TOTAL:</b>		1022	\$153,914.00	\$410.00	\$0.00	<b>\$154,324.00</b>