CAMINO REAL REGIONAL MOBILITY AUTHORITY BOARD RESOLUTION

WHEREAS, the Camino Real Regional Mobility Authority (CRRMA) previously selected Huitt-Zollars, Inc. as a Consultant Engineering Team (the Engineer) for the provision of consultant engineering services to the CRRMA for Indefinite Deliverable Contracts in support of the 2013 El Paso County Comprehensive Mobility Plan (2013 CMP); and

WHEREAS, the CRRMA and the Engineer previously entered into a Contract for Engineering Services to establish the various terms and conditions applicable to future work authorizations that could be used for the Engineer to provide various design services for plans, specifications and estimates to the CRRMA as the CRRMA may be requested from time to time; and

WHEREAS, the CRRMA and the Engineer previously executed Work Authorization No. 2, in order for the Engineer to provide PS&E to the CRRMA for the Darrington Roadway Improvement Project (Project) from the 2013 CMP and the parties now desire to amend such Work Authorization for additional design services related to drainage and survey work necessary for the Project.

NOW, THEREFORE, BE IT RESOLVED BY THE CAMINO REAL REGIONAL MOBILITY AUTHORITY:

THAT the Executive Director be authorized to execute **Amendment No. 1** to **Work Authorization No. 2** with Huitt-Zollars, Inc., including any additional documents or materials as may be required, as it relates to the Darrington Roadway Improvements Project.

CAMINO REAL REGIONAL

PASSED AND APPROVED THIS 12TH DAY OF JULY 2017.

	MOBILITY AUTHORITY
ATTEST:	Susan A. Melendez, Chair
Joe R. Fernandez, Board Secretary	
APPROVED AS TO CONTENT:	
Raymond L. Telles Executive Director	

AMENDMENT NO. 1

WORK AUTHORIZATION NO. 2 CONTRACT FOR ENGINEERING SERVICES

THIS AMENDMENT NO. 1 is made pursuant to the terms and conditions of Article 5 of the Contract for Engineering Services (the "Contract") by and between the CAMINO REAL REGIONAL MOBILITY AUTHORITY (the "CRRMA"), and HUITT-ZOLLARS, INC. (the "Engineer"). This Amendment No. 1 seeks to amend the Work Authorization No. 2 dated February 18, 2016 (the "WA No. 2"), which was executed by and between the parties pursuant to the Contract for the development of the project known as Darrington Road, from Eastlake Boulevard to Pellicano Drive (the "Project").

PART I. The terms and conditions of WA No. 2 are hereby supplemented by adding the provisions and not to exceed compensation for design services during construction identified in Exhibit B-1, which is attached hereto and incorporated herein for all purposes.

PART II. This Amendment No. 1 shall become effective on the date of final execution of the Parties hereto. All other terms and conditions of WA No. 2 not hereby amended shall remain in full force and effect.

IN WITNESS WHEREOF, this Amendment No. 1 is executed in duplicate counterparts and hereby accepted and acknowledged below.

CAMINO REAL REGIONAL MOBILITY AUTHORITY

By:	
•	Raymond L. Telles
	Executive Director
Dat	e:
HU	ITT-ZOLLARS, INC.
By:	
Nar	me:
Titl	e:
Dat	e:

Exhibit B-1

SCOPE OF WORK

I. PROJECT SUMMARY OF SUPPLEMENTAL SCOPE

Additional Professional Services will be provided by the Engineer for right-of-way and construction easement exhibits; identify existing right-of-way and boundary lines; field surveying; preparation of property plats; establishing right of way corners of the properties to be acquired; and, preparation of legal descriptions.

This work is required for additional right-of-way for Darrington Road southbound as it approaches Eastlake Boulevard to accommodate a right turn lane at that intersection. Additional right-of-way is also required for two permanent storm water ponds (Pond C and Pond E) that will be accepting flows from Darrington Road as well future subdivisions that are planned in that area. Temporary Construction Easements are required on land adjacent to Darrington Road for the full length of the project. Construction Easements are also required for construction or modification of the four storm water ponds that will be accepting runoff from Darrington Road. Additionally, changes to the engineering plans are needed due to recommendations of the developer and the MUD.

II. SERVICES TO BE PROVIDED BY THE ENGINEER

The Scope of Services to be provided by the Engineer may include, but are not limited to the following key elements:

A. Drainage

- Eliminate the wye connections and replace them with manholes.
 - 1. Plan & Profile drainage sheets
 - 2. Drainage design calculations
 - 3. Quantities (Estimate and Summary Sheets)
- Ponds
 - 1. Adjust plan sheets to include all of developer's recommendations for Ponds A, B, C & E.
 - 2. Pond details
 - 3. Hydraulic Computations
 - 4. Quantities (Estimate and Summary Sheets)
- Revise drainage system to send back runoff to Pond B.

Darrington Rd Ammendment 1

- 1. Drainage Area Map
- 2. Drainage plan & Profile Sheets
- 3. Hydraulic Computation
- 4. Drainage details
- 5. Quantities (Estimate and Summary Sheets)
- Easements/New ROW/Stockpiles
 - 1. Plan & Profile Sheets
- Revise Drainage Report

B. Roadway

- Add two median openings.
 - 1. Plan & Profile & Median Sheets
 - 2. Illumination Sheets
 - 3. Signing & Striping Sheets
- Final striping of Darrington Road by developers.
 - 1. Signing/Striping Sheets
 - 2. TCP
 - 3. Quantities (Estimate and Summary Sheets)
- Adjust Plan to conform elevation of existing pavement.
 - 1. Profile Sheets
 - 2. X-Section Sheets
 - 3. Quantities (Estimate and Summary Sheets)
- Index of Sheets
- New Standards
- Meetings

[Darrington Rd. Ammendment 1

Company	Fee
[HZ, P]	\$91,860.56
[PSI, S1]	\$0.00
[VVInc Dar, S2]	\$0.00
[Quantum, S3]	\$0.00
[Frank X. Spencer, S4]	\$0.00
[Firm Name, S5]	\$0.00
[Firm Name, S6]	\$0.00
[Firm Name, S7]	\$0.00
[Firm Name, S8]	\$0.00
Total	\$91,860.56

Darrington Rd. Ammendment 1

Task	[HZ, P]
A. Project Management	\$0.00
B. Surveying	\$4,833.89
C. Right-Of-Way Mapping	\$30,776.52
D. Geotechnical Investigations	\$0.00
E. Schematic Design	\$0.00
F. Drainage Study	\$0.00
G. Stakeholder Coordination	\$0.00
H. Plans, Specifications and Estimates (PS&E)	\$55,925.15
I. Utility Coordination	\$0.00
Sub Totals	\$91,535.56
Direct Expenses	\$325.00
Totals	\$91,860.56
Grand Total	\$91,860.56

Participation Percentage

100.00%

Total DBE Percentage: 0.00%

	SENIOR PROJECT	SENIOR BRIDGE	SENIOR	PROJECT	DESIGN		SENIOR	ENGINEERING	SENIOR CADD	CADD	ADMIN /	SURVEY PROJECT	REGISTERED PROFESSIONAL LAND	SURVEY	SURVEY TECHNICIAN -	2-MAN SURVEY	3-MAN SURVEY	4-MAN SURVE	Y	ADMIN / CLERICAL	TOTAL LABO	R TOTAL LABOR
Task Description A. Project Management	MANAGER	ENGINEER	ENGINEER	ENGINEER	ENGINEER	EIT	TECHNICIAN	TECHNICIAN	OPERATOR		CLERICAL (ENG)		SURVEYOR	TECHNICIAN	GPS	TO PORTAL)	CREW (PORTAL)	TO PORTAL)	FLAGGER	(SURV)	HOURS 0	COST -
Project Management/Work Plan Progress Reporting																					0	\$ - \$ - \$ -
																					0	\$ - \$ -
																					0 0	\$ - \$ - \$
																					0	\$ - \$ -
																					0	\$ - \$ -
																					0 0	\$ - \$ - \$ -
3. Coordination/Administration																					0	\$ - \$ -
																					0 0	\$ - \$ -
4. Project Control/Scheduling																					0 0 0	\$ - \$ - \$ -
Subconsultant Management																					0	\$ - \$ -
5. Subconsultant Management																					0	\$ - \$ -
Deliverables																					0	\$ - \$ - \$ -
																					0	\$ - \$ -
																					0 0	\$ - \$ -
HOURS SUB-TOTALS CONTRACT RATE PER HOUR TOTAL LABOR COSTS	0 \$210.79 \$0.00		0 \$181.23 \$0.00	0 8 \$106.66	0 \$0.00 \$0.00	1	0 1 \$0.00 0 \$0.00	0 \$0.00	0 \$100.76	0 \$0.00 \$0.00	0 \$58.93 \$0.00			0 \$21.30 \$0.00		0 0 \$0.0 0 \$0.0	0 0 \$0.0 0 \$0.0	0 0 \$0.		0 8.00 \$58.	.93 .00 \$0	\$ - Check Sum
% DISTRIBUTION OF STAFF HOURS	0.00%		70.00	0.00%	7 - 1 - 1		6 0.00%		6 0.00%	0.00%			70.00	0.00%		0.009		·		0.00 0.00		
Surveying 1. Project Control 1.1 Primary and Secondary Control Monuments (Coordinate survey work to match Eastlake Project Datum Hor. & Vert.)																					47 0	\$ 4,833.89 \$ -
Ground Survey As-Built Survey of Darrington Road Improvements built by adjoining subdivision contractors spearate from design of Huitt-														2		12					20	\$ 2,658.16
Zollars,													2	2		16					20 0 0	\$ 2,658.16 \$ - \$ -
																					0 0	\$ - \$ - \$ -
Deliverables 2.1 Final Planimetric and Tonographic Page Man													2	16							0 27	\$ 2,175.73 \$ 1,349.02
3.1 Final Planimetric and Topographic Base Map 3.2 TIN File 3.3 Quality Review													1 2	4 2							5 4	\$ 408.55 \$ 418.16
HOURS SUB-TOTALS CONTRACT RATE PER HOUR TOTAL LABOR COSTS	0 \$210.79 \$0.00			0 8 \$106.66 9 \$0.00			11.11	1 1 1 1	0 3100.76 0 \$0.00	0 \$66.49 \$0.00				24 \$66.49 \$1,595.76		16 9 \$140.0 0 \$2,240.0				0 6.19 \$58 0.00 \$0	.00 \$4,833	\$ 4,833.89 Check Sum
% DISTRIBUTION OF STAFF HOURS	0.00%	0.00 %	0.00%	0.00%			6 0.00%	0.00%	0.00%	0.00%	0.00%			51.06%		34.049		0.00	0.0	0.00		
C. Right-of-Way Mapping 1. Perform Right-of-Way Survey 1.1 Determine existing ROW limits (Southerly Portion of Project) (Needed for right turn lane at Darrington and Eastlake)													4	8		8					312 306 20	\$ 30,776.52 \$ 30,377.58 \$ 2,222.28
1.2 Determine proposed ROW limits (Coordinate with Hunt, CRRMA/Texas, County) (Needed for right turn lane at Darrington and Eastlake) 1.3 Boundary Survey for ROW Acquisition on GeoID: X57900032102200 LEGAL_DESC 79 TSP 3 SEC 21 T & P SURV TR 9-H														4		4					8	\$ 825.96
(11.8528 AC) HUNT COMMUNITIES HOLDING LLC (Needed for right turn lane at Darrington and Eastlake) 1.4 Boundary Survey for "Pond E"													8	8		4 10					16 26	\$ 1,662.28 \$ 3,072.64
1.5 Boundary Survey for "Pond C" 1.6 Easement Exhibits for Temporary "Pond A" 1.7 Easement Exhibits for Existing "Pond B"													4 4	4 4		10 6 6					26 14 14	\$ 3,072.64 \$ 1,676.32 \$ 1,676.32
1.8 Temporary Construction Easement for GeoID: X57900032102200 LEGAL_DESC 79 TSP 3 SEC 21 T & P SURV TR 9-H (11.8528 AC) HUNT COMMUNITIES HOLDING LLC and GeoID: X57900032102500 LEGAL_DESC 79 TSP 3 SEC 21 T & P SURV TR TR 9-K (3.593 AC) HUNT MISSION RIDGE LLC													1	4		0					5	\$ 408.55
1.9 Temporary Construction Easement for GeoID: X57900032102600 LEGAL_DESC 79 TSP 3 SEC 21 T & P SURV TR 9-L (14.6600 AC) PEOPLE OF THE STATE OF TEXAS													1	4		0					0	\$ -
1.10 Temporary Construction Easement for GeoID: X57900032201095 LEGAL_DESC 79 TSP 3 SEC 22 T & P ABST 9882 TR 2-																					J	Ψ 400.00
S (PDE MUD #9 79.989 AC) portion east of Darrington and north of Paseo Del Este Dr. HUNT MISSION RIDGE LLC & 4 and GeoID: X57900032100697 LEGAL_DESC 79 TSP 3 SEC 21 T & P SURV TR 9-F-5-A (5.5000 AC) HUNT MISSION RIDGE LLC													1	4		0					5 0	\$ 408.55 \$ -
1.11 Temporary Construction Easement for GeolD: X57900031901090 LEGAL_DESC 79 TSP 3 SEC 19 T & P ABST 2155 E 1/2 OF SE 1/4 OF SE 1/4 OF SE 1/4 (5.00 AC) NELSON DORIS (TRUSTEE OF SURVIVORS & DECEDENTS TRUST) 1.12 Temporary Construction Easement for GeolD: X57900031901070 LEGAL_DESC 79 TSP 3 SEC 19 T & P ABST 2155 E 1/2													1	4		0					5	\$ 408.55
OF NE 1/4 OF SE 1/4 (5.00 AC) CANIZALES RODOLFO & 3 1.13 Temporary Construction Easement for GeolD: X57900032000920 LEGAL_DESC 79 TSP 3 SEC 20 T & P ABST 9929 SLY (90.5710 AC) OF SW 1/4 (90.5710 AC) - northwest corner of this parcel east of Darrington Rd. HUNT MISSION RIDGE LLC and													1	4		0					5	\$ 408.55
(90.5710 AC) OF SW 1/4 (90.5710 AC) - northwest corner of this parcel east of Darrington Rd. HUNT MISSION RIDGE LLC and GeoID: X57900032000010 LEGAL_DESC 79 TSP 3 SEC 20 T & P ABST 9929 W 1/2 OF NW 1/4 OF NW 1/4 OF SW 1/4 (5.00 AC) HUNT MISSION RIDGE LLC													1	4		0					5	\$ 408.55
1.14 Temporary Construction Easement for GeoID: X57900031900960 LEGAL_DESC 79 TSP 3 SEC 19 T & P ABST 2155 E 1/2 OF SE 1/4 FO NE 1/4 OF SE 1/4 (4.091 AC) DE NOYER DORIS H													1	4		0					5	\$ - \$ 408.55
1.15 Temporary Construction Easement for GeoID: X57900031900800 LEGAL_DESC 79 TSP 3 SEC 19 T & P ABST 2155 E 1/2 OF NE 1/4 OF NE 1/4 OF SE 1/4 (5.00 AC) MULLIN YON S 1.16 Temporary Construction Easement for GeoID: X57900031900090 LEGAL_DESC 79 TSP 3 SEC 19 T & P ABST 2155 E 1/2													1	4		0					5	\$ 408.55
OF SE 1/4 OF SE 1/4 OF NE 1/4 (5.00 AC) BARRAZA ARTURO JR 1.17 Temporary Construction Easement for GeoID: X57900031900245 LEGAL_DESC 79 TSP 3 SEC 19 T & P ABST 2155 NE													1	4		0					5	\$ 408.55 \$ 408.55
1/4 OF SE 1/4 OF NE 1/4 (EXC ELY 60.00 FT) (9.0910 AC) HERNANDEZ PIERRE & NORMA 1.18 Temporary Construction Easement for GeoID: B63900000100200 LOT 2 BERRYVILLE ESTATES AVILEZ MAXIMINO & GUADALUPE													1	4		0					5	ф 408.55
1331 BERRYVILLE ST 1.19 Temporary Construction Easement for GeoID: B63900000100100 LOT 1 BERRYVILLE ESTATES IBARRA FAMILY LTD													1	4		0					5	\$ 408.55
PARTNERSHIP 1361 BERRYVILLE ST													1	4		0					-	\$ 408.55
1.20 Temporary Construction Easement for GeolD: X57900031900122 LEGAL_DESC 79 TSP 3 SEC 19 T & P ABST 2155 (0.43 AC) PT OF E 1/2 OF NE 1/4 OF NE 1/4 OF NE 1/4 COUNTY OF EL PASO													1	4		0					5	\$ 408.55
1.21 Temporary Construction Easement for GeolD: X57900031900120 LEGAL_DESC 79 TSP 3 SEC 19 T & P ABST 2155 (4.57 AC) PT OF E 1/2 OF NE 1/4 OF NE 1/4 OF NE 1/4 BELTRAN ANGEL L 1.22 Temporary Construction Easement for GeolD: C74000001100100 13600 ARANGO LEGAL_DESC 11 COLONIA													1	4		0					5	\$ 408.55
REVOLUCION LOT 1 MORA LUIS A & JOSEFINA 1.23 Temporary Construction Easement for GeoID: C74000000900100 1260 BERRYVILLE LEGAL_DESC 9 COLONIA REVOLUCION 1 & 12 (82684.00 SQ FT) ARCHULETA VERONICA													1	4		0					5	\$ 408.55 \$ 408.55
1.24 Temporary Construction Easement for GeolD: C74000000701200 13601 MADERO LEGAL_DESC 7 COLONIA REVOLUCION LOT 12 PINALES YAZMIN G 1.25 Temporary Construction Easement for GeolD: C74000000700100 13600 BACHIMBA LEGAL_DESC 7 COLONIA													1	4		0					5	\$ 408.55
REVOLUCION LOT 1 ROBLES ARTURO & REBECA 1.26 Temporary Construction Easement for GeoID: C74000000501200 13601 BACHIMBA													1	4		0					5	\$ 408.55
LEGAL_DESC 5 COLONIA REVOLUCION LOT 12 ROSALES JESSE & NICK and GeoID: C74000000500100 LEGAL_DESC 5 COLONIA REVOLUCION LOT 1 ROSALES JESSE & NICK													1	4		0					5 0	\$ 408.55 \$ -
1.27 Temporary Construction Easement for GeolD: C74000000301200 LEGAL_DESC 3 COLONIA REVOLUCION LOT 12 BUNCEN JESUS M D 1.28 Temporary Construction Easement for GeolD: C74000000300100 LEGAL_DESC 3 COLONIA REVOLUCION LOT 1													1	4		0					5	\$ 408.55
CISNEROS MONICA 1.29 Temporary Construction Easement for GeoID: C74000000101200 LEGAL_DESC 1 COLONIA REVOLUCION LOT 12													1	4		0					5	\$ 408.55
ROSA PROPERTIES AT HORIZON CORNER and GeoID: C74000000100100 13600 NAYARIT LEGAL_DESC 1 COLONIA REVOLUCION LOT 1 ROSA PROPERTIES AT HORIZON CORNER LLC													1	4		0					5	\$ 408.55 \$ -
1.30 Offsite parcels with Metes and Bounds. 2. Acquire Permission for Right of Entry													16	40		16					72 0	\$ 7,181.04 \$ - \$ 398.94
2.1 Draft ROE form & Monitor/Document Return of Forms 2.2 Coordination with property owners														4 2							4 2	\$ 265.96 \$ 132.98
3. Prepare Right of Way Map 3.1 Prepare ROW Map (included for parcels described in Section 1, above) 3.2 Prepare ROW and Retention Point map sheets (included for parcels described in Section 1, above)																					0 0	\$ - \$ -
3.3 Prepare property descriptions ("Metes and Bounds") for each ROW Parcel and Retention Pond Parcel (included for parcels described in Section 1, above) Deliverables																					0	\$ - \$ -
ROW Maps (included for parcels described in Section 1, above) Property Descriptions(included for parcels described in Section 1, above)																					0 0	\$ -
Quality Review (included for parcels described in Section 1, above)																					0	\$ -

Task Description HOURS SUB-TOTALS CONTRACT RATE PER HOUR	SENIOR PROJECT MANAGER 0 \$210.79	ENGINEER 0		PROJECT ENGINEER 0 \$106.66	DESIGN ENGINEER 0 \$101.29	EIT 0 \$88.81	TECHNICIAN 0	ENGINEERING STECHNICIAN 0 \$0.00	SENIOR CADD OPERATOR 0 \$100.76	CADD DPERATOR CLE 0 \$66.49	ADMIN / ERICAL (ENG) 0 \$58.93	SURVEY PROJECT MANAGER 0 \$156.07	REGISTERED PROFESSIONAL LAND SURVEYOR 70 \$142.59	SURVEY TECHNICIAN 178 \$66.49	TECHNICIAN - C	REW (PORTAL TO PORTAL) 64 \$140.00	EW (PORTAL	CREW (PORTAL	FLAGGER 0 \$56.19	ADMIN / CLERICAL (SURV) 0 \$58.93	TOTAL LABOR HOURS 312	TOTAL LABOR COST \$ 30,776.52 Check Sum
TOTAL LABOR COSTS % DISTRIBUTION OF STAFF HOURS D. Geotechnical Investigations 1. Surface Exploration and Testting	\$0.00	\$0.00	\$0.00 0.00%	\$0.00 0.00%	\$0.00 0.00%	\$0.00 0.00%	\$0.00		\$0.00 0.00%	\$0.00 0.00%	\$0.00 0.00%	\$0.00 0.00%	\$9,981.30	\$11,835.22 57.05%	\$0.00	\$8,960.00 20.51%	\$0.00 0.00%	\$0.00 0.00%	\$0.00 0.00%	\$0.00	\$30,776.52 0 0 0	
																					0 0 0 0 0 0	\$ - \$ - \$ - \$ - \$ - \$ -
2. Geotechnical Design																					0 0 0 0 0	\$ - \$ - \$ - \$ - \$ -
Deliverables HOURS SUB-TOTALS CONTRACT RATE PER HOUR TOTAL LABOR COSTS % DISTRIBUTION OF STAFF HOURS	\$210.79 \$0.00	0 9 \$187.54 0 \$0.00 0.00%	0 \$181.23 \$0.00 0.00%	0 \$106.66 \$0.00 0.00%	0 \$101.29 \$0.00 0.00%	0 \$88.81 \$0.00 0.00%	\$0.00	\$0.00	0 \$100.76 \$0.00 0.00%	0 \$66.49 \$0.00 0.00%	0 \$58.93 \$0.00 0.00%	0 \$50.00 \$0.00 0.00%	0 \$45.68 \$0.00 0.00%	0 \$21.30 \$0.00 0.00%	\$0.00	0 \$0.00 \$0.00 0.00%	0 \$0.00 \$0.00 0.00%	0 \$0.00 \$0.00 0.00%	0 \$18.00 \$0.00 0.00%	0 \$58.93 \$0.00 0.00%	0 0 0 \$0.00	\$ - \$ -
E. Schematic Design 1. Data Collection																					0 0 0 0	\$ - \$ - \$ - \$ -
																					0 0 0 0 0	\$ - \$ - \$ - \$ - \$ -
Design Criteria 3. Design Schematic																					0 0 0 0 0	\$ - \$ - \$ - \$ - \$ - \$ -
																					0 0 0 0 0	\$ - \$ - \$ - \$ - \$ -
																					0 0 0 0 0	\$ - \$ - \$ - \$ - \$ -
4. Other items																					0 0 0 0 0	\$ - \$ - \$ - \$ - \$ - \$ -
Deliverables HOURS SUB-TOTALS	0		0	0	0	0	0	0		0		0	0	0	0		0	0	0		0 0 0 0 0	\$ - \$ - \$ - \$ - \$ -
CONTRACT RATE PER HOUR TOTAL LABOR COSTS % DISTRIBUTION OF STAFF HOURS F. Drainage Study 1. Perform Drainage Study	\$210.79 \$0.00	\$0.00 \$0.00 0.00%	\$181.23 \$0.00 0.00%	\$106.66 \$0.00 0.00%	\$0.00 \$0.00 0.00%	\$88.81 \$0.00 0.00%	\$0.00	\$0.00	\$100.76 \$0.00 0.00%	\$0.00 \$0.00 0.00%	\$58.93 \$0.00 0.00%	\$50.00 \$0.00 0.00%	\$45.68 \$0.00 0.00%	\$21.30 \$0.00 0.00%	\$0.00	\$0.00 \$0.00 0.00%	\$0.00 \$0.00 0.00%	\$0.00 \$0.00 0.00%	\$18.00 \$0.00 0.00%	\$58.93 \$0.00 0.00%	\$0.00	Check Sum \$ - \$ -
Coordination 3. Design																					0 0 0 0 0	\$ - \$ - \$ - \$ - \$ - \$ -
																					0 0 0 0 0	\$ - \$ - \$ - \$ - \$ - \$ -
Deliverables																					0 0 0 0 0 0	\$ - \$ - \$ - \$ - \$ -
HOURS SUB-TOTALS CONTRACT RATE PER HOUR TOTAL LABOR COSTS % DISTRIBUTION OF STAFF HOURS G. Stakeholder Coordination 1. Stakeholder Involvement Activities	\$210.79	0 \$0.00 \$0.00 5 0.00%	0 \$181.23 \$0.00 0.00%	0 \$106.66 \$0.00 0.00%	0 \$0.00 \$0.00 0.00%	0 \$88.81 \$0.00 0.00%	\$0.00	0 \$0.00 \$0.00 0.00%	0 \$100.76 \$0.00 0.00%	0 \$0.00 \$0.00 0.00%	0 \$58.93 \$0.00 0.00%	0 \$50.00 \$0.00 0.00%	0 \$45.68 \$0.00 0.00%	0 \$21.30 \$0.00 0.00%	0 \$21.30 \$0.00 0.00%	0 \$0.00 \$0.00 0.00%	0 \$0.00 \$0.00 0.00%	0 \$0.00 \$0.00 0.00%	0 \$18.00 \$0.00 0.00%		\$0.00	\$ - Check Sum
1. Stakeholder involvement Activities																					0 0 0 0 0	\$ - \$ - \$ - \$ - \$ - \$ -
Deliverables																					0 0 0 0 0	\$ - \$ - \$ - \$ - \$ - \$ -
HOURS SUB-TOTALS CONTRACT RATE PER HOUR TOTAL LABOR COSTS % DISTRIBUTION OF STAFF HOURS	\$210.79 \$0.00	\$0.00	0 \$181.23 \$0.00 0.00%	0 \$106.66 \$0.00 0.00%	0 \$0.00 \$0.00 0.00%	0 \$88.81 \$0.00 0.00%	\$0.00	\$0.00	0 \$100.76 \$0.00 0.00%	0 \$0.00 \$0.00 0.00%	0 \$58.93 \$0.00 0.00%	0 \$50.00 \$0.00 0.00%	\$0.00	0 \$21.30 \$0.00 0.00%	\$0.00	0 \$0.00 \$0.00 0.00%	0 \$0.00 \$0.00 0.00%	0 \$0.00 \$0.00 0.00%	0 \$18.00 \$0.00 0.00%	\$0.00	\$0.00	\$ - \$ - Check Sum
H. Plans, Specifications and Estimates (PS&E) 1. Administrative/Coordination Meetings 1.1 Meetings 2. Eliminate WYE Connections 2.1 Plan & Profile drainage sheets. 2.2 Drainage design calculations. 2.3 Quantities (Estimate/Summaries)	1 1 1		1 1 1	8 8 8		12 16 16				12											586 16 16 82 34 26 22	\$ 55,925.15 \$ 2,421.36 \$ 2,421.36 \$ 8,014.78 \$ 3,108.90 \$ 2,666.26 \$ 2,239.62
3. Ponds 3.1 Adjust plan sheets (Ponds) 3.2 Pond details 3.3 Hydraulic Calculations	1 1 1 1		1	4 8 8		8 16				8 16											22 0 0 85 21 25 26	\$ 2,239.62 \$ - \$ 8,021.91 \$ 1,879.83 \$ 2,127.91 \$ 2,666.26
3.4 Quantities (Estimate/Summaries) 4. Revise Drainage System 4.1 Drainage Area Map 4.2 Drainage P & P Sheets 4.3 Hydraulic Computations 4.4 Drainage details	1 1 1 1 1		1 1	4 12 4 4		6 12 8				6 12 24											13 111 17 38 14 29	\$ 1,347.91 \$ 10,215.01 \$ 1,569.23 \$ 3,535.54 \$ 1,529.14 \$ 2,233.19
4.5 Quantitities (Estimate/Summaries) 5. Easements/New ROW/Stockpiles 5.1 Plan & Profile Sheets	1		1	8		12				12											13 34 34 0	\$ 1,347.91 \$ 3,108.90 \$ 3,108.90 \$ -

Darrington Rd. Ammendment 1

Task Description	SENIOR PROJECT MANAGER	SENIOR BRIDGE ENGINEER	SENIOR ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	EIT	SENIOR ENGINEERING TECHNICIAN	ENGINEERING TECHNICIAN	SENIOR CADD OPERATOR	CADD OPERATOR	ADMIN / CLERICAL (ENG)	SURVEY PROJECT MANAGER	REGISTERED PROFESSIONAL LAND SURVEYOR	SURVEY TECHNICIAN	SURVEY TECHNICIAN - GPS			4-MAN SURVEY CREW (PORTAL TO PORTAL)	FLAGGER	ADMIN / CLERICAL (SURV)	TOTAL LABOR HOURS	TOTAL LABOR COST
																					0	\$ -
6. Frainage Report																					26	\$ 2,666.26
6.1 Update Report	1		1	8		16															26	\$ 2,666.26
																					0	\$ -
7. Add 2 Median Openings																					90	\$ 8,370.94
7.1 Plan & Profile & Median Sheets	1			4		10				10											25	\$ 2,190.43
7.2 Illumination Sheets	1		1	4		8				8											22	\$ 2,061.06
7.3 Signing & Striping	1		1	4		8				8											22	\$ 2,061.06
7.4 Quantities	1			4		16															21	\$ 2,058.39
																					0	\$ -
8.Final Striping by developers.																					65	\$ 6,323.31
8.1 Signing I& Striping Sheets 8.2 TCP	1			8		8				8											25	\$ 2,306.47
8.2 TCP	1		1	8		8				8											26	\$ 2,487.70
8.3 Quantities (Estimate/Summaries)	1		1	4		8															14	\$ 1,529.14
																					0	\$ -
																					0	\$ -
9. Adjust P & P to conform to existing pavement.																					58	\$ 5,472.56
9.1 Profile Sheets	1		1	8		8				8											26	\$ 2,487.70
9.2 X-Section Sheets	1		1	2		8				8											20	\$ 1,847.74
9.3 Quantities				4		8															12	\$ 1,137.12
10. Index of Sheets																					6	\$ 672.69
10.1 Revise Index	1			1		4															6	\$ 672.69
																					0	\$ -
11. Standards																					13	\$ 637.43
11.1 Provide new standards (Drainage & Roadway)	1			4	8																13	\$ 637.43
																					0	\$ -
																					0	\$ -
																					0	\$ -
																					0	\$ -
HOURS SUB-TOTALS		0	18	151	8	232	0	0	0	148	0	0	0	0	0	0	0	0	0	0	586	\$ 55,925.15
CONTRACT RATE PER HOUR	\$210.7		\$181.23	\$106.66		\$88.81		40.00	\$100110	\$66.49	1		·			1	\$0.00	1 1 1 1	\$18.00	\$58.93		Check Sum
TOTAL LABOR COSTS	\$6,112.9		\$3,262.14	\$16,105.66	\$0.00	\$20,603.92		1	\$0.00	\$9,840.52							\$0.00		\$0.00	\$0.00	1 7	1
% DISTRIBUTION OF STAFF HOURS	4.95%	0.00%	3.07%	25.77%	1.37%	39.59%	0.00%	0.00%	0.00%	25.26%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		1
I. Utility Coordination																						\$ -
1. Utility Coordination																					0	\$ -
																					0	\$ -
																					0	\$ -
																					0	\$ -
																					0	\$ -
																					0	\$ -
HOURS SUB-TOTALS	•		^		^		_	_			_				^	_	•			•	U	D -
		U no no	0 *404.00	U	U	U ****	U	0 0000	U 0400 =0	U	0 00000	U 050.00	0 0 0 0 0 0	0	0 004.00	U 0000	U	U	U 040.00	U	U	Ohaali Ciiii
CONTRACT RATE PER HOUR	\$210.7		\$181.23	\$106.66		\$88.81	1	1	7	\$0.00				\$21.30 \$0.00			\$0.00		\$18.00	\$58.93 \$0.00		Check Sum
TOTAL LABOR COSTS	\$0.0	70100	\$0.00	\$0.00	\$0.00	\$0.00			70.00	\$0.00					70.00		\$0.00 0.00%		\$0.00			
% DISTRIBUTION OF STAFF HOURS	0.009	% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
			46	451		000				440			7-	000		66					24-	0.00000
TOTAL PROJECT HOURS	29	U	18	151	8	232	0	0	0	148	0	0	17	202	0	80	0	0	U	U	945	\$ 91,535.56
	40.440.0	4 40.00	AC 000 11	A40 40 = 00	40.00	400 000 00	A	***	A	A0 0 10	A	A	A40.000 10	A10 100	40	A11 000 00	Ac	40.00	40.00	AA		Check Sum
PROJECT TOTALS	\$6,112.9	1 \$0.00	\$3,262.14	\$16,105.66	\$0.00	\$20,603.92	\$0.00	\$0.00	\$0.00	\$9,840.52	\$0.00	\$0.00	\$10,979.43	\$13,430.98	\$0.00	\$11,200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$91,535.56	
TOTAL PROJECT % DISTRIBUTION OF STAFF HOURS	0.000	0.000	4.000/	45.000/	0.050/	04 ==0/	0.000/	0.000/	0.000/	45.000	0.000/	0.000	0.4=0/	04.000	0.000	0.4=0/	0.000	0.000	0.000/	0.000/		
TOTAL PROJECT % DISTRIBUTION OF STAFF HOURS	3.07%	0.00%	1.90%	15.98%	0.85%	24.55%	0.00%	0.00%	0.00%	15.66%	0.00%	0.00%	8.15%	21.38%	0.00%	8.47%	0.00%	0.00%	0.00%	0.00%		1

Darrington Rd. Ammendment 1

Other Direct Expenses	UNITS		RATE	
Lodging/Hotel (Taxes/fees not included)	0	night	160.00	\$0.00
Meals (overnight stay required)	0	day	50.00	\$0.00
Rental Car (Tax/fees not included)	0	day	100.00	\$0.00
Mileage	0	mile	0.58	\$0.00
SUV or ATV Rental	0	day	0.00	\$0.00
Air Travel	0	each	680.00	\$0.00
Parking	0	day	20.00	\$0.00
Taxi/Cab fare	0	each	0.00	\$0.00
Standard Postage	0	letter	0.49	\$0.00
Overnight express-letter size	2	each	25.00	\$50.00
Overnight express-oversized box	2	each	50.00	\$100.00
Courier Services	0	each	0.00	\$0.00
8½"X11" B/W Paper Copies	100	each	0.10	\$10.00
11"X17" B/W Paper Copies	200	each	0.20	\$40.00
8½"X11" Color Paper Copies	0	each	0.00	\$0.00
11"X17" Color Paper Copies	100	each	0.45	\$45.00
CADD Plotting	50	linear foot	1.60	\$80.00
Digital Ortho Plotting	0	linear foot	0.00	\$0.00
24 hr traffic counts	0	lump sum	2,284.90	\$0.00
Law Enforcement/Uniform Officer	0	hour/officer	0.00	\$0.00
Notebooks	0	each	0.00	\$0.00
Hazardous Materials Database Search	0	per search	0.00	\$0.00
Backhoe Rental	0	day	0.00	\$0.00
Boards for Public Meeting	0	each	0.00	\$0.00
Env. Field Supplies (lathes, stakes, flagging, spray paint, etc.)	0	day	0.00	\$0.00
Interpreter	0	hour	0.00	\$0.00
Court Reporter	0	hour	0.00	\$0.00
Newspaper Advertisement	0	each	0.00	\$0.00
Other Direct Expense Total				\$325.00

[HZ, P] (PRIME)

LUMP SUM, UNIT COST AND/OR SPECIFIED RATE PAYMENT BASIS

LUMP SUM, UNIT COST A	IND/OIX	OI LOII	ILD IVAIL	- ' /	ATMENT BAGIO			
Lump Sum, Unit Cost and/or Sp Rate Labor/Staff Classificati		_	otiated Base Rate	Contract Rate				
Senior Project Manager		\$	67.53	\$	210.79			
Senior Bridge Engineer		\$	60.08	\$	187.54			
Senior Engineer		\$	58.06	\$	181.23			
Project Engineer		\$	34.17	\$	106.66			
Design Engineer		\$	32.45	\$	101.29			
EIT		\$	28.45	\$	88.81			
Senior Engineering Technician		\$	-	\$	-			
Engineering Technician		\$	-	\$	-			
Senior CADD Operator		\$	32.28	\$	100.76			
CADD Operator		\$	21.30	\$	66.49			
Admin / Clerical (Eng)		\$	18.88	\$	58.93			
Survey Project Manager		\$	50.00	\$	50.00			
Registered Professional Land Surveyor		\$	45.68	\$	45.68			
Survey Technician		\$	21.30	\$	21.30			
Survey Technician - GPS		\$	21.30	\$	21.30			
2-man Survey Crew (Portal to Portal)		\$	-	\$	-			
3-man Survey Crew (Portal to Portal)		\$	-	\$	-			
4-man Survey Crew (Portal to Portal)		\$	-	\$	-			
Flagger		\$	18.00	\$	18.00			
Admin / Clerical (Surv)		\$	18.88	\$	58.93			
Audited Overhead Rate:	183.77%							
Negotiated Profit Rate:	10.00%							

Contract Rates include labor, overhead, and profit. All rates are negotiated rates and are not subject to change or adjustment.

Physical percent complete to be billed. Documentation of hours work not required.

under that work authorization.