

ATTACHMENT D
D-2
SUPPLEMENTAL WORK AUTHORIZATION NO. 01
TO WORK AUTHORIZATION NO. 1
CONTRACT FOR ENGINEERING SERVICES

THIS SUPPLEMENTAL WORK AUTHORIZATION is made pursuant to the terms and conditions of Article 5 Contract No. ____, (the Contract) entered into by and between the County of Webb (County) and Dannenbaum Engineering Corporation.

PART I

The Engineer will perform engineering services generally described as preliminary engineering , including the preparation of schematics, environmental documents and right of way parcel maps, to support a roadway project for the Reuthinger Extension of the Hachar Reuthinger Road project from 0.1 miles east of Beltway Parkway (northern ND Hachar tract limit-southern Reuthinger tract limit) to the west 1-35 frontage road (TxDOT CSJ: 0922- 33-166) situated in Webb County, Texas in accordance with the terms and conditions of Work Authorization No. 1 as hereafter amended.

PART II

The current Maximum Amount Payable under Work Authorization No. 1 of **\$298,282.04** is hereby modified by this Supplemental Work Authorization No. 01 to Work Authorization No. 1 to **\$298,282.04** an increase of **\$0.00**

PART III

The following terms and conditions of Work Authorization No. 01 are hereby amended by this Supplemental Work Authorization No. 01 as follows:

- A.** Attachment E-2: Summary of Fee Schedule for Phase I (Advanced Project Development Services Supporting Lump Sum Calculations: Phase I - Summary, Phase I Project Management / Preliminary Design, Phase I - Public Involvement, Phase I - Drainage Impact Analysis, and Phase I - Environmental Services have been revised to reflect an increase in Ama Terra Environmental, Inc. cost per work task for Phase 1 – Environmental Services and a decrease in Dannenbaum’s cost per work task for Phase I - Summary, Phase I Project Management / Preliminary Design, Phase I - Public Involvement, and Phase I - Drainage Impact Analysis to reflect a zero cost change to the contract amount.

Copies of the revised documents are attached herewith and made a part of this Supplemental Work Authorization No. 01 to Work Authorization No. 1.

- B.** Exhibit H-1: Subprovider Monitoring System Commitment Worksheet Column 6 “\$ Amount or % of Work” has been revised to reflect the increase in Ama Terra Environmental, Inc. fee.

Exhibit H-2: Subprovider Monitoring System Commitment Agreement Provider information has been revised to reflect the replacement of Louis H. Jones, P.E. email and signature information with that of James D. Dannenbaum, P.E.

Exhibit H-3: Subprovider Monitoring System for Federally Funded Contracts Progress Assessment Report for month of (Mo./Yr.)” Column 4 “Total Subprovider Amount” has been revised to reflect the increase in Ama Terra Environmental, Inc. fee. In addition, Column 5 “% Total Contract Amount” has been revised to reflect changes in the percentage for Aerial

Data Service, Inc.; Gilpin Engineering Company; and Ama Terra Environmental, Inc. due to the increase in fee for Ama Terra Environmental, Inc.

Exhibit H-5: Federal Subprovider and Supplier Information has been revised by this Supplemental No. 1 to the Main Contract to reflect a change in the "Address" for Ama Terra Environmental, Inc. from 4009 Banister Lane, Suite 300, Austin, Texas 78704-6853 to 11842 Rim Rock Trail, Austin, Texas 78737.

Copies of the revised documents are attached herewith and made a part of this Supplemental Work Authorization No. 01 to Work Authorization No. 1.

This Supplemental Work Authorization shall become effective on the date of final execution of the parties hereto. All other terms and conditions of Work Authorization No. 01 not hereby amended are to remain in full force and effect.

IN WITNESS WHEREOF, this Supplemental Work Authorization is executed in duplicate counterparts and hereby accepted and acknowledged below.

THE ENGINEER	THE COUNTY
_____ (Signature)	_____ (Signature)
_____ (Printed Name)	_____ (Printed Name)
_____ (Title)	_____ (Title)
_____ (Date)	_____ (Date)

LIST OF ATTACHMENTS:

Attachments: E2: Summary of Fee Schedule for Phase I (Advanced Project Development Services Supporting Lump Sum Calculations **revised 10/18/2019**):

- Phase I Summary - Dannenbaum
- Phase I Project Management / Preliminary Design - Dannenbaum
- Phase I Public Involvement - Dannenbaum
- Phase I Drainage Impact Analysis - Dannenbaum
- Phase I Environmental Services - Ama Terra Environmental, Inc.

Exhibits: H-1: Subprovider Monitoring System Commitment Worksheet (**Revised 10/18/2019**)
H-2: Subprovider Monitoring System Commitment Agreement (**Revised 10/18/2019**)
H-3: Subprovider Monitoring System for Federally Funded Contracts Progress Assessment Report (**Revised 10/18/2019**)
H-5: Federal Subprovider and Supplier Information (**Revised 10/18/2019**)

ATTACHMENTS

ATTACHMENT E2
SUMMARY OF FEE SCHEDULE FOR PHASE I (ADVANCED PROJECT DEVELOPMENT SERVICES)
SUPPORTING LUMP SUM CALCULATIONS

DETAILED FEE SCHEDULE										
Hachar Roadway - Reuthinger Tract Portion										
PHASE I - ADVANCED PROJECT DEVELOPMENT SERVICES										
<i>Provide Advanced Project Development Services, Develop Separate Schematic, Environmental Assessment, Public Involvement, Drainage Studies, Culvert Sizing for Reuthinger Section of Hachar Roadway</i>										
<i>from Approximately 0.1 miles east of Beltway Parkway to I-35 west frontage road</i>										
PHASE I SUMMARY										
PHASE I - ADVANCED PROJECT DEVELOPMENT SERVICES SUMMARY BY FUNCTION CODES										
Function Codes	PRIME		DBE		DBE		NON-DBE		TOTAL HOURS AND FEE	
	Dannenbaum Engineering Corporation		Ama Terra Environmental, Inc.		Aerial Data Services, Inc. (Flight)		Gilpin Engineering Company			
	Hrs	Fee	Hrs	Fee	Hrs	Fee	Hrs	Fee	Hrs	Fee
BASIC SERVICES:										
FC 110 Route and Design Studies	1031	\$ 112,163.95							1031	\$ 112,163.95
FC 102 Preliminary Engineering (Prelim Trf Studies)									0	\$ -
FC 120 Public Involvement	137	\$ 15,607.97	397	\$ 42,738.00					534	\$ 58,345.97
FC 120 Environmental									0	\$ -
FC 130 Right of Way Data							6	\$ 838.11	6	\$ 838.11
FC 145 Project Management	335	\$ 51,068.34	52	\$ 6,736.00						\$ 57,804.34
FC 150 Field Surveying						\$ 20,000.00	161	\$ 21,884.49	161	\$ 41,884.49
FC 161 Drainage	164	\$ 20,129.18							164	\$ 20,129.18
Direct Expenses				\$ 7,116.00					0	\$ 7,116.00
TOTAL BASIC SERVICES:	1667	\$ 198,969.44	449	\$ 56,590.00	0	\$ 20,000.00	167	\$ 22,722.60	2283	\$ 298,282.04
SPECIAL SERVICES:										
FC 110 Route and Design Studies									0	\$ -
TOTAL SPECIAL SERVICES:	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
GRAND TOTAL BASIC AND SPECIAL SERVICES	1667	\$ 198,969.44	449	\$ 56,590.00	0	\$ 20,000.00	167	\$ 22,722.60	2283	\$ 298,282.04
Percent Participation		66.71%		18.97%		6.71%		7.62%		100.00%
NOTES										
1) Special Service: Geotech not included in available funds from MPO. Assumed done in PS&E. Fee is for consideration above original scoped fee.					4). Bridge Layouts: Not included in original MPO budget, will be done with PS&E.					
2). SUE Not scoped: Due to minimal utilities, if any.					5). Traffic Studies: Not scoped in the original MPO Budget. Assumption was to be provided by TxDOT office, or TTI, or utilize existing studies.					
3). ROW Acquisition: Document of Reuthinger Property to be donated by Reuthinger Tract.					6). Following MPO Budget scoping, the Environmental scope for the Reuthinger Portion was to include all Environmental Technical Reports required for the Reuthinger Tract and after TxDOT approved, hand off to the Consultant working on the Hachar Portion to be included as one Environmental Document.					

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SUMMARY OF FEE SCHEDULE FOR PHASE I (ADVANCED PROJECT DEVELOPMENT SERVICES)
SUPPORTING LUMP SUM CALCULATIONS

DETAILED FEE SCHEDULE								
Hachar Roadway - Reuthinger Tract Portion								
PHASE I - ADVANCED PROJECT DEVELOPMENT SERVICES								
Provide Advanced Project Development Services, Develop Separate Schematic, Environmental Assessment, Public Involvement, Drainage Studies, Culvert Sizing for Reuthinger Section of Hachar Roadway from Approximately 0.1 miles east of Beltway Parkway to I-35 west frontage road								
PHASE I - PROJECT MANAGEMENT/PRELIMINARY DESIGN								
BASIC SERVICES TASK DESCRIPTION	Senior PM	Senior Engineer- Civil	Senior Engineer- Bridge	Senior Engineer Tech	Senior CADD Operator	Clerical	Total Labor Hrs.	Task Cost
FC 145 - PROJECT MANAGEMENT								
DEVELOP INVOICES/MONTHLY PROGRESS REPORTS (18 MO)	15.5035	8.7207	0.0000	0.0000	0.0000	15.5035	39.7277	\$ 5,636.9400
PROJECT MANAGEMENT (14.5 MO)	62.9831	164.7250	0.0000	0.0000	0.0000	67.8279	295.5360	\$ 45,431.4000
SUB-TOTAL - FC 145 - PROJECT MANAGEMENT	78.4866	173.4457	0.0000	0.0000	0.0000	83.3314	335.0000	\$ 51,068.3400
FC 110 - PRELIMINARY DESIGN								
PROJECT LAYOUT/SCHEMATIC DESIGN (ULTIMATE 6 LN FREEWAY/ PH 1 - 5 LN)	1.9379	67.8279	0.0000	184.1044	145.3456	0.0000	399.2158	\$ 42,946.4800
DEVELOP GEOPAK CROSS SECTIONS	0.9690	19.3794	0.0000	222.8632	53.2934	0.0000	296.5050	\$ 30,008.2100
EXISTING & PROP TYPICAL SECTIONS - (included in base contract)	0.9690	1.9379	0.0000	7.7518	13.5656	0.0000	24.2243	\$ 2,497.5200
PRELIMINARY ESTIMATE & QUANTITIES	0.9690	3.8759	0.0000	38.7588	21.3174	0.0000	64.9211	\$ 6,543.7700
PRELIMINARY SUMMARY OF ROADWAY QUANTITIES	0.9690	3.8759	0.0000	19.3794	21.3173	0.0000	45.5416	\$ 4,653.6900
PRELIMINARY SUMMARY OF CULVERT QUANTITIES	0.9690	1.9379	0.0000	7.7518	15.5035	0.0000	26.1622	\$ 2,669.6600
MEET WITH MPO (4 MEETINGS) (ASSIST CITY CONSULTANT)	1.9379	15.5035	0.0000	5.8138	7.7518	13.5656	44.5726	\$ 5,107.9900
PROGRESS MEETINGS WITH COUNTY/CITY/TXDOT INCLUDES MINUTES (3 MEETINGS) (ASSIST CITY CONSULTANT)	15.5035	21.3174	0.0000	7.7518	9.6897	9.6897	63.9521	\$ 9,088.1900
MEETINGS/MINUTES WITH UTILITY CO. (2 MEETINGS)	1.9379	9.6897	0.0000	3.8759	7.7518	3.8759	27.1312	\$ 3,362.4800
MEETINGS/MINUTES WITH AFFECTED PROPERTY OWNERS (MAPO) (2 MEETINGS)	9.6897	9.6897	0.0000	5.8138	7.7518	5.8138	38.7588	\$ 5,285.9600
SUB-TOTAL - FC 110 - PRELIMINARY DESIGN	35.8519	155.0352	0.0000	503.8647	303.2879	32.9450	1031.00	\$ 112,163.9500
TOTAL SPECIAL SERVICES	114.3385	328.4809	0.0000	503.8647	303.2879	116.2764	1366.0000	\$ 163,232.29
LABOR RATE PER HOUR	\$ 209.41	\$ 172.11	\$ 172.11	\$ 97.53	\$ 88.83	\$ 57.37		
DIRECT LABOR COSTS	\$ 23,943.63	\$ 56,534.85	\$ -	\$ 49,141.92	\$ 26,941.06	\$ 6,670.78	\$ 163,232.24	
TOTAL	\$ 23,943.63	\$ 56,534.85	\$ -	\$ 49,141.92	\$ 26,941.06	\$ 6,670.78	\$ 163,232.24	
PERCENT LABOR UTILIZATION FOR TOTAL PROJECT (BASED ON FEE)	14.67%	34.63%	0.00%	30.11%	16.50%	4.09%	100.00%	
PERCENT LABOR UTILIZATION FOR TOTAL PROJECT (BASED ON MANHOURS)	8.37%	24.05%	0.00%	36.89%	22.20%	8.51%	100.00%	

ATTACHMENT E2
SUMMARY OF FEE SCHEDULE FOR PHASE I (ADVANCED PROJECT DEVELOPMENT SERVICES)
SUPPORTING LUMP SUM CALCULATIONS

DETAILED FEE SCHEDULE Hachar Roadway - Reuthinger Tract Portion PHASE I - ADVANCED PROJECT DEVELOPMENT SERVICES Provide Advanced Project Development Services, Develop Separate Schematic, Environmental Assessment, Public Involvement, Drainage Studies, Culvert Sizing for Reuthinger Section of Hachar Roadway from Approximately 0.1 miles east of Beltway Parkway to I-35 west frontage road PHASE I - PROJECT MANAGEMENT/PRELIMINARY DESIGN								
BASIC SERVICES TASK DESCRIPTION	Senior PM	Senior Engineer- Civil	Senior Engineer- Bridge	Senior Engineer Tech	Senior CADD Operator	Clerical	Total Labor Hrs.	Task Cost
TOTAL DANNENBAUM DIRECT EXPENSES (FROM BELOW)								\$ -
DIRECT EXPENSES								
PLOTS (B/W ON BOND) \$1.00/LINEAR FOOT (75 FT/PLOT x 5 PLOTS)								\$ -
PLOTS (COLOR ON BOND) \$2.00/LINEAR FOOT (75 FT/PLOT x10 PLOTS)								\$ -
COLOR GRAPHICS ON FOAM BOARD (\$5.00/SF) (3'x6'x 10 Ea)								\$ -
CAR RENTAL - \$90 / TRIP X 10 TRIP								\$ -
PER DIEM - \$121 /NIGHT STAY X 2 PERSON X 5 NIGHT (\$85 hotel/\$36 meals)								\$ -
DELIVERY SERVICES - \$50 / PACKAGE X 10 PACKAGES								\$ -
MILEAGE 10 TRIP x 286 MI / TRIP @ \$0.565/mile								\$ -
TOTAL DIRECT EXPENSES								\$ -
ASSUMPTIONS								
1. Set 14 Aerial Targets								
2. Roadway is designed as Asphalt Road with open ditches, cross culverts only								
3. Number of outfalls = 3 culverts. An increase; then increase will be handled as separate Work Authorization								
4. Detention Pond design is not included, if required, will be handled as a separate Work Authorization								
5. Detention Pond design is not included, if required, will be handled as a separate Work Authorization								
6. No FEMA Submittals								
7. No LOMR (FEMA-Letter of Map Revision) or CLOMR (FEMA-Conditional Letter of Map Revision) Included. Will be handled as separate Work Authorizations								
8. No Roadway Drainage								

ATTACHMENT E2
SUMMARY OF FEE SCHEDULE FOR PHASE I (ADVANCED PROJECT DEVELOPMENT SERVICES)
SUPPORTING LUMP SUM CALCULATIONS

DETAILED FEE SCHEDULE								
Hachar Roadway - Reuthinger Tract Portion								
PHASE I - ADVANCED PROJECT DEVELOPMENT SERVICES								
Provide Advanced Project Development Services, Develop Separate Schematic, Environmental Assessment, Public Involvement, Drainage Studies, Culvert Sizing for Reuthinger Section of Hachar Roadway from Approximately 0.1 miles east of Beltway Parkway to I-35 west frontage road								
PHASE I - PUBLIC INVOLVEMENT								
BASIC SERVICES TASK DESCRIPTION	Senior PM	Senior Engineer Civil	Senior Engineer Bridge	Senior Engineer Tech	Senior CADD Operator	Clerical	Total Labor Hrs.	Total Labor Hrs.
FC 120 - PUBLIC INVOLVEMENT (PROVIDED BY CONSULTANT (DEC) FOR HACHAR PORTION OF HACHAR LOOP. REUTHINGER CONSULTANT FOR THE COUNTY IS ONLY PROVIDING EXHIBITS FOR REUTHINGER PORTION)								
CREATE PUBIC INVOLVEMENT PLAN (PIP)								
CREATE STAKEHOLDER LIST	0.0000	1.9379	0.0000	0.0000	0.0000	7.7518	9.69	\$ 778.25
DEVELOP RIGHT OF ENTRY (ROE)	0.9690	1.9379	0.0000	0.0000	0.0000	1.9379	4.84	\$ 647.63
HOLD PUBLIC INFORMATION WORKSHOP/DEVELOP EXHIBITS (ASSIST CITY CONSULTANT)	1.9379	7.7518	0.0000	7.7518	13.5656	1.9379	32.95	\$ 3,812.22
DEVELOP PUBLIC INFORMATION WORKSHOP SUMMARY REPORT (BY CITY CONSULTANT)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	\$ -
ADVERTISE FOR PUBLIC MEETINGS (BY CITY CONSULTANT)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	\$ -
HOLD PUBLIC MEETING (1) (ASSIST CITY CONSULTANT)	1.9379	7.7518	0.0000	7.7518	13.5656	1.9379	32.95	\$ 3,812.22
DEVELOP PUBLIC MEETING SUMMARY REPORT (BY CITY CONSULTANT)	1.9379	3.8759	0.0000	0.0000	0.0000	0.0000	5.81	\$ 1,072.90
AFFORD/ADVERTISE FOR PUBIC HEARING (EA) (BY CITY CONSULTANT)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	\$ -
HOLD PUBIC HEARING (EA) (ASSIST CITY CONSULTANT)	1.9379	7.7518	0.0000	0.0000	19.3794	13.5656	42.63	\$ 4,239.71
DEVELOP PUBLIC HEARING DOCUMENT (EA) (BY CITY CONSULTANT)	1.9379	3.8759	0.0000	0.0000	1.9379	0.0000	7.75	\$ 1,245.04
SUB-TOTAL - FC 120 - PUBLIC INVOLVEMENT (PROVIDED BY CONSULTANT (DEC) FOR HACHAR PORTION OF HACHAR LOOP. REUTHINGER CONSULTANT FOR THE COUNTY IS ONLY PROVIDING EXHIBITS FOR REUTHINGER PORTION)	10.6585	34.8830	0.0000	15.5036	48.4485	27.1311	137.0000	\$ 15,607.97
TOTAL SPECIAL SERVICES	10.6585	34.8830	0.0000	15.5036	48.4485	27.1311	136.8124	\$ 15,607.97
LABOR RATE PER HOUR	\$ 209.41	\$ 172.11	\$ 172.11	\$ 97.53	\$ 88.83	\$ 57.37		
DIRECT LABOR COSTS	\$ 2,232.00	\$ 6,003.71	\$ -	\$ 1,512.07	\$ 4,303.68	\$ 1,556.51	\$ 15,607.97	
TOTAL	\$ 2,232.00	\$ 6,003.71	\$ -	\$ 1,512.07	\$ 4,303.68	\$ 1,556.51	\$ 15,607.97	
PERCENT LABOR UTILIZATION FOR TOTAL PROJECT (BASED ON FEE)	14.30%	38.47%	0.00%	9.69%	27.57%	9.97%	100.00%	
PERCENT LABOR UTILIZATION FOR TOTAL PROJECT (BASED ON MANHOURS)	7.56%	24.74%	0.00%	11.00%	34.36%	19.24%	97%	

ATTACHMENT E2
SUMMARY OF FEE SCHEDULE FOR PHASE I (ADVANCED PROJECT DEVELOPMENT SERVICES)
SUPPORTING LUMP SUM CALCULATIONS

DETAILED FEE SCHEDULE								
Hachar Roadway - Reuthinger Tract Portion								
PHASE I - ADVANCED PROJECT DEVELOPMENT SERVICES								
Provide Advanced Project Development Services, Develop Separate Schematic, Environmental Assessment, Public Involvement, Drainage Studies, Culvert Sizing for Reuthinger Section of Hachar Roadway								
from Approximately 0.1 miles east of Beltway Parkway to I-35 west frontage road								
PHASE I - PUBLIC INVOLVEMENT								
BASIC SERVICES TASK DESCRIPTION	Senior PM	Senior Engineer Civil	Senior Engineer Bridge	Senior Engineer Tech	Senior CADD Operator	Clerical	Total Labor Hrs.	Total Labor Hrs.
TOTAL DANNENBAUM DIRECT EXPENSES (FROM BELOW)								\$ -
DIRECT EXPENSES								
PLOTS (B/W ON BOND) \$1.00/LINEAR FOOT (75 FT/PLOT x 5 PLOTS)								\$ -
PLOTS (COLOR ON BOND) \$2.00/LINEAR FOOT (75 FT/PLOT x10 PLOTS)								\$ -
COLOR GRAPHICS ON FOAM BOARD (\$5.00/SF) (3'x6' x 10 Ea)								\$ -
CAR RENTAL - \$90 / TRIP X 10 TRIP								\$ -
PER DIEM - \$121 /NIGHT STAY X 2 PERSON X 5 NIGHT (\$85 hotel/\$36 meals)								\$ -
DELIVERY SERVICES - \$50 / PACKAGE X 10 PACKAGES								\$ -
MILEAGE 10 TRIP x 286 MI / TRIP @ \$0.565/mile								\$ -
TOTAL DIRECT EXPENSES								\$ -
ASSUMPTIONS								
1. Set 14 Aerial Targets								
2. Roadway is designed as Asphalt Road with open ditches, cross culverts only								
3. Number of outfalls = 3 culverts. An increase; then increase will be handled as separate Work Authorization								
4. Detention Pond design is not included, if required, will be handled as a separate Work Authorization								
5. Detention Pond design is not included, if required, will be handled as a separate Work Authorization								
6. No FEMA Submittals								
7. No LOMR (FEMA-Letter of Map Revision) or CLOMR (FEMA-Conditional Letter of Map Revision) Included. Will be handled as separate Work Authorizations								
8. No Roadway Drainage								

ATTACHMENT E2
SUMMARY OF FEE SCHEDULE FOR PHASE I (ADVANCED PROJECT DEVELOPMENT SERVICES)
SUPPORTING LUMP SUM CALCULATIONS

DETAILED FEE SCHEDULE

Hachar Roadway - Reuthinger Tract Portion

PHASE I - ADVANCED PROJECT DEVELOPMENT SERVICES

Provide Advanced Project Development Services, Develop Separate Schematic, Environmental Assessment, Public Involvement, Drainage Studies, Culvert Sizing for Reuthinger Section of Hachar Roadway

from Approximately 0.1 miles east of Beltway Parkway to I-35 west frontage road

PHASE I - DRAINAGE IMPACT ANALYSIS

BASIC SERVICES (FC 161) PRELIMINARY HYDROLOGIC ANALYSIS TASK DESCRIPTION	Senior Engineer	Project Engineer	Senior Engineer Tech	Senior CADD Operator	Clerical	Total Labor Hrs.	Task Cost
DRAINAGE IMPACT ANALYSIS							
DATA COLLECTION/ SITE VISITS	0.9690	3.8759				4.84	\$ 692.13
FEMA COORDINATION	1.9379	3.8759			1.9379	7.75	\$ 1,006.21
COMPUTE ON-SITE DRAINAGE AREAS	1.9379	14.5345		14.5345		31.01	\$ 3,531.46
COMPUTE ON-SITE PEAK FLOWS FOR EXISTING CONDITIONS	0.9690	14.5345		7.7518		23.26	\$ 2,726.06
COMPUTE ON-SITE PEAK FLOWS FOR PROPOSED CONDITIONS	0.9690	14.5345		7.7518		23.26	\$ 2,726.06
DEVELOP RUNOFF HYDROGRAPH FOR EXISTING AND PROPOSED CONDITIONS	1.9379	14.5346				16.47	\$ 2,240.37
COMPUTE PRELIMINARY DETENTION STORAGE BASED ON HYDROGRAPH DIFFERENCES	1.9379	14.5346				16.47	\$ 2,240.37
SELECT DETENTION LOCATION AND SIZE BASED ON PRELIMINARY DETENTION STORAGE	1.9379	8.7208				10.66	\$ 1,506.56
DEVELOP ADDENDUM TO BE ADDED TO CITY DRAINAGE STUDY (HACHAR PORTION)	3.8759	13.5656		6.7828	5.8138	30.04	\$ 3,459.96
SUB-TOTAL - DRAINAGE IMPACT ANALYSIS	16.4724	102.7109	0.0000	36.8209	7.7517	164.0000	\$ 20,129.18
DIRECT EXPENSES							
TOTAL - INCLUDING DIRECT EXPENSES							
HOURS SUB-TOTALS	16	103	0	37	8	164	
LABOR RATE PER HOUR	\$ 209.41	\$ 126.22	\$ 97.53	\$ 88.83	\$ 57.37		
DIRECT LABOR COSTS	\$ 3,449.49	\$ 12,964.17	\$ -	\$ 3,270.80	\$ 444.72	\$ 20,129.18	
TOTAL	\$ 3,449.49	\$ 12,964.17	\$ -	\$ 3,270.80	\$ 444.72	\$ 20,129.18	
PERCENT LABOR UTILIZATION FOR TOTAL PROJECT (BASED ON FEE)	17.14%	64.40%	0.00%	16.25%	2.21%	100.00%	CHECK
PERCENT LABOR UTILIZATION FOR TOTAL PROJECT (BASED ON MANHOURS)	10.04%	62.63%	0.00%	22.45%	4.73%	100.00%	\$ 20,129.18
DIRECT EXPENSES							
CAR RENTAL - \$90 / TRIP X 3 TRIP							
PER DIEM - \$121 /NIGHT STAY X 2 PERSON X 3 NIGHT (\$85 hotel/\$36 meals)							
TOTAL DIRECT EXPENSES							

ASSUMPTIONS:

1. Number of outfalls 3 = culverts, 1 bridge. **If number of outfalls increase; then increase will be handled as separate work authorization**
2. Detention Pond design is not included, if required, will be handled as a separate Work Authorization
3. No LOMAR or CLOMER Included. Will be handled as separate Work Authorizations

ATTACHMENT E2
SUMMARY OF FEE SCHEDULE FOR PHASE I (ADVANCED PROJECT DEVELOPMENT SERVICES)
SUPPORTING LUMP SUM CALCULATIONS

DETAILED FEE SCHEDULE														
Hachar Roadway - Reuthinger Tract Portion														
PHASE I - ADVANCED PROJECT DEVELOPMENT SERVICES														
from Approximately 0.1 miles east of Beltway Parkway to I-35 west frontage road														
PHASE I - ENVIRONMENTAL SERVICES														
Ama Terra Environmental, Inc.														
SPECIAL SERVICES (FC 120) ENVIRONMENTAL SERVICES TASK DESCRIPTION	Principal	Program Director	Project Manager	Env Spec IV	Env Spec III	Historian V	Historian III	Sr. Arch Principal Investigator	Project Archeologist	Field Crew	GIS	Administration / Clerical	TOTAL LABOR HOURS	Task Cost
III. SOCIAL, ECONOMIC AND ENVIRONMENTAL STUDIES AND PUBLIC INVOLVEMENT														
FC 145 - PROJECT MANAGEMENT														
PROJECT MANAGEMENT AND DOCUMENT PREPARATION	2		8									8	18	\$ 2,304.00
COORDINATION WITH TXDOT													0	\$ -
CONTRACT ADMINISTRATION	2											8	10	\$ 1,168.00
TEAM MEETING IN LAREDO (FIVE MEETINGS)				24									24	\$ 3,264.00
SUBTOTALS	4	0	8	24	0	0	0	0	0	0	0	16	52	\$ 6,736.00
FC 145 - PROJECT MANAGEMENT TOTAL COST & MANHOUR SUMMARY														
TOTAL LABOR RATE PER HOUR	\$ 232.00	\$ 164.00	\$ 142.00	\$ 136.00	\$ 114.00	\$ 147.00	\$ 118.00	\$ 136.00	\$ 91.00	\$ 77.00	\$ 70.00	\$ 88.00		
TOTAL LABOR HOURS	4	0	8	24	0	0	0	0	0	0	0	16	52	
TOTAL DIRECT LABOR COSTS	\$ 928.00	\$ -	\$ 1,136.00	\$ 3,264.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,408.00	\$ 6,736.00	CHECK
FC 120 - SOCIAL, ECONOMIC AND ENVIRONMENTAL STUDIES AND PUBLIC INVOLVEMENT														
EA PREPARATION														
PRELIMINARY REPORT PREP/COMMENT RESPONSE													0	\$ -
EXHIBITS/FIGURES/COORDINATION (figures provided by dannenebaum)													0	\$ -
PERMIT IDENTIFICATION (ACTUAL PERMITS NOT INCLUDED)													0	\$ -
GIS/GRAPHICS (figures provided by Dannenbaum)													0	\$ -
DRAFT REPORT PREP/COMMENT RESPONSE													0	\$ -
FINAL REPORT PREP/COMMENT RESPONSE													0	\$ -
11-PAGE TXDOT FORM													0	\$ -
DRAFT ENV. DECISION DOCUMENT													0	\$ -
FINAL ENV. DECISION DOCUMENT													0	\$ -
QUALITY ASSURANCE/QUALITY CONTROL													0	\$ -
SOCIAL, ECONOMIC, AND ENVIRONMENTAL STUDIES														
EXISTING FIELD DATA REVIEW				4									4	\$ 544.00
NEED AND PURPOSE													0	\$ -
PAST REPORT REVIEW													0	\$ -
TRAFFIC AND CRASH DATA REVIEW/ANALYSIS													0	\$ -
DOCUMENTATION													0	\$ -
ALTERNATIVES ANALYSIS (by dannenbaum)													0	\$ -
PLANNING DOCUMENTS, STIP, MTP, FUNDING REVIEW (by dannenbaum)														
ALTERNATIVES DEVELOPMENT WRITE-UP & DESCRIPTIONS (by dannenbaum)													0	\$ -
SOCIOECONOMIC REVIEW OF EXISTING INFORMATION														
FIELD DATA COLLECTION / WINDSHIELD SURVEY ONLY				2									2	\$ 272.00
POPULATION AND EJ ANALYSIS				2									2	\$ 272.00
EMPLOYMENT, TAX, AND BUSINESS EFFECTS				4									4	\$ 544.00
COMMUNITY AND RESIDENTIAL DISPLACEMENTS AND EFFECTS				1									1	\$ 136.00
LAND USE AND DEVELOPMENT REVIEW				2									2	\$ 272.00
AIR QUALITY														
NOISE														
EXISTING CONDITIONS TRAFFIC NOISE MODELING				20	10								30	\$ 3,860.00
DESIGN YEARCONDITIONS TRAFFIC NOISE MODELING													0	\$ -
BARRIER ANALYSIS													0	\$ -
PREDICTED SOUND LEVELS AT UNDEVELOPED LANDS													0	\$ -
PREPARE NOISE IMPACT ASSESSMENT													0	\$ -
QA/QC													0	\$ -
BIOLOGICAL AND WATER RESOURCES														
FIELD SURVEY														
Wetland Delineation													6	\$ 684.00
Threatened and Endangered Species Habitat Survey													6	\$ 684.00
WATER RESOURCES TECHNICAL REPORT														
BIOLOGICAL EVALUATION FORM AND TIER I ASSESSMENT FORMS											2		8	\$ 824.00
SOILS AND FARMLANDS review													2	\$ 228.00
GEOLOGY review													2	\$ 228.00
CULTURAL & HISTORICAL RESOURCES														
Archeology Background Studies, Permit Application								2	10				12	\$ 1,182.00
Archeology Field Survey								16	32	64			112	\$ 10,016.00
Archeology Draft and Final Reports								24	32				56	\$ 6,176.00
Historic Resources PCR													7	\$ 700.00
Historic Resources Research Design											2	1	9	\$ 936.00
Historic Resources Field Survey											1	1	10	\$ 1,102.00
Historic Resources Draft and Final Reports											1	1	14	\$ 1,574.00
SECTION 4(F)(6)(F) ANALYSIS AND COORD.														
													0	\$ -

ATTACHMENT E2
SUMMARY OF FEE SCHEDULE FOR PHASE I (ADVANCED PROJECT DEVELOPMENT SERVICES)
SUPPORTING LUMP SUM CALCULATIONS

HAZARDOUS MATERIALS REVIEW															0	\$	-
ENVIRONMENTAL RECORDS REVIEW				2											2	\$	272.00
SITE VISIT				6											6	\$	816.00
ADJACENT LAND USE				1											1	\$	136.00
INTERVIEWS				1											1	\$	136.00
REPORT PREP/COMMENT RESPONSE				4											4	\$	544.00
INDIRECT AND CUMULATIVE IMPACTS				20											20	\$	2,720.00
REVIEW PLANNING DOCUMENTS															0	\$	-
PREPARE MPO/CITY QUESTIONNAIRE															0	\$	-
MEETING WITH MPO AND CITY															0	\$	-
COLLECT DATA, DOCUMENT, AND SUMMARIZE MEETINGS															0	\$	-
MPO/CITY FOLLOW-UP															0	\$	-
REVIEW RESOURCE IMPACTS PREVIOUSLY PREPARED															0	\$	-
DOCUMENTATION															0	\$	-
GRAPHICS															0	\$	-
PUBLIC INVOLVEMENT TWO MEETINGS				12								2			2	\$	140.00
MAILINGS				4									8	12	24	\$	2,688.00
PUBLIC NOTICES				4									4	8	8	\$	896.00
OTHER COORDINATION													12	12	12	\$	1,056.00
PUBLIC HEARING				6									4	10	10	\$	1,168.00
SUBTOTAL	0	0	0	95	38	0	30	42	74	64	10	44	397		\$	42,738.00	
FC 120 - SOCIAL, ECONOMIC AND ENVIRONMENTAL STUDIES AND PUBLIC INVOLVEMENT COST & MANHOUR SUMMARY																	
LABOR RATE PER HOUR	\$ 232.00	\$ 164.00	\$ 142.00	\$ 136.00	\$ 114.00	\$ 147.00	\$ 118.00	\$ 136.00	\$ 91.00	\$ 77.00	\$ 70.00	\$ 88.00					
TOTAL LABOR HOURS	0	0	0	95	38	0	30	42	74	64	10	44	397				
TOTAL DIRECT LABOR COSTS	\$ -	\$ -	\$ -	\$ 12,920.00	\$ 4,332.00	\$ -	\$ 3,540.00	\$ 5,712.00	\$ 6,734.00	\$ 4,928.00	\$ 700.00	\$ 3,872.00	\$ 42,738.00	CHECK			
III. SOCIAL, ECONOMIC AND ENVIRONMENTAL STUDIES AND PUBLIC INVOLVEMENT																	
LABOR RATE PER HOUR	\$ 232.00	\$ 164.00	\$ 142.00	\$ 136.00	\$ 114.00	\$ 147.00	\$ 118.00	\$ 136.00	\$ 91.00	\$ 77.00	\$ 70.00	\$ 88.00					
TOTAL LABOR HOURS	4	0	8	119	38	0	30	42	74	64	10	60	449				
TOTAL DIRECT LABOR COSTS	\$ 928.00	\$ -	\$ 1,136.00	\$ 16,184.00	\$ 4,332.00	\$ -	\$ 3,540.00	\$ 5,712.00	\$ 6,734.00	\$ 4,928.00	\$ 700.00	\$ 5,280.00	\$ 49,474.00	\$			49,474.00
PERCENT LABOR UTILIZATION FOR TOTAL PROJECT (BASED ON FEE)	0.00%	0.00%	0.00%	30.23%	10.14%	0.00%	8.28%	13.37%	15.76%	11.53%	1.64%	9.06%	100.00%				
PERCENT LABOR UTILIZATION FOR TOTAL PROJECT (BASED ON MANHOURS)	0.00%	0.00%	0.00%	23.93%	9.57%	0.00%	7.56%	10.58%	18.64%	16.12%	2.52%	11.08%	100.00%				
DIRECT EXPENSES	Rate	Unit	Amount														
Historic/Archaeological													0	\$			-
81/2X11 copies (color) by dannenbaum	\$ -	each											0	\$			-
81/2X11 copies (b/w) by dannenbaum	\$ -	each											0	\$			-
11X17 copies (color) by dannenbaum	\$ -	each											0	\$			-
11X17 copies (b/w)	\$ -	each											0	\$			-
Mileage (8 RT)	\$ -	miles											0	\$			-
Air Travel	\$ -	Each											0	\$			-
Hotel	\$ 119.00	each	2	1		0.5	0.5	2.5	5			11	\$				1,309.00
Per Diem	\$ 51.00	day	3	1		1	1	5	12			23	\$				1,173.00
Rental Car	\$ 75.00	day	3			1		6				10	\$				750.00
Fuel for Rental Car	\$ 2.20	gallons	60			10		250				320	\$				704.00
Overnight Carrier Cost (Letter Size)	\$ -	each										0	\$				-
Overnight Carrier Cost (Oversized Box)	\$ -	each										0	\$				-
Hazmat Database Search	\$ 850.00	each	0.50									0.5	\$				425.00
GPS Daily Use Fee	\$ -	day										0	\$				-
Curator Fee (Archeology)	\$ 920.00	drawer										0	\$				-
Field Supplies (lathes/paint/flagging)	\$ -	day										0	\$				-
Backhoe Rental	\$ 1,500.00	day	0.5									0.5	\$				750.00
Postage	\$ 0.55	each	100									100	\$				55.00
Facility Rental	\$ 500.00	each	0.5									0.5	\$				250.00
Stenographer	\$ 400.00	each	0.5									0.5	\$				200.00
Public Notice Advertisements (assume 3 days in English paper, 3 days in Spanish)	\$ 500.00	day	3									3	\$				1,500.00
TOTAL DIRECT EXPENSES																	\$ 7,116.00
TOTAL AMATERRA ENVIRONMENTAL SERVICES																	\$ 56,590.00

ASSUMPTIONS:
Environmental Services to Be Performed as summarized in the summary of hours.
Services not provided include NONE or NOT INCLUDED. Dannenbaum will develop tasks as described in the summary of hours and in this section
Obtain right of entry to perform environmental services (Dannenbaum)
Develop letters or other materials for seeking right of entry (Dannenbaum)
Public Involvement activities: AZ&B will prepare materials for environmental impacts of public meeting. Dannenbaum will provide roadway & technical info
Develop public involvement plan - jointly developed
Compile and maintain mailing list (Dannenbaum)
Make arrangements for public meeting (Dannenbaum)
Provide two staff members to attend one Public Meeting and one Public Hearing
AZ&B will develop summary of public meeting and responses to comments

Special Provisions:
Management and Coordination
Environmental Document development project duration schedule assumed to be no longer than 12 months. Draft and Pre-Final or Final Environmental Document will be submitted within 8 months. Additional time will require supplemental to further develop or finalize environmental document, or Dannenbaum can update the environmental document, finalize and coordinate with agencies for FONSI if supplemental is not executed. Assumes 1-hour conference call attendance by one Subconsultant staff, once a week for project duration.
Literature Review and Secondary Data Collection
Data collection to consist of one site visits to collect data (includes meetings with TxDOT to obtain copies of Feasibility Study, EA, CE, DCIS, review TxDOT project file.). It is assumed that the prime consultant will provide a list of adjacent property owners, obtain and provide ROE for all necessary environmental field surveys.
Natural Resources
It is assumed that one survey will be scheduled and conducted. This scope of work does not include USACE 404 permitting. It is assumed that permitting under the Nationwide Permit 14 will be required for impacts to waters of the U.S. This scope of work does not include presence absence surveys for threatened and endangered species at the request of resource agency consultations. This scope of work does not include a hydrologic model or letter of map revision (LOMR) from the Federal Emergency management Agency. This scope of work does not include a pre-nesting bird survey prior to construction. This scope of work does not include the development of a Stormwater Pollution Prevention Plan (SWPPP)
Cultural Resources

ATTACHMENT E2
SUMMARY OF FEE SCHEDULE FOR PHASE I (ADVANCED PROJECT DEVELOPMENT SERVICES)
SUPPORTING LUMP SUM CALCULATIONS

Make arrangements for public hearing (Dannenbaum)
Provide one staff member to attend a public hearing.
Develop comment and response report, summary and analysis and other information from public hearing (Dannenbaum)
Develop and send acknowledgement/ response letters to commenters (Dannenbaum)
Develop, publish, and distribute newsletter (Dannenbaum)
Develop and maintain web site (Dannenbaum)
Analysis of social and economic impacts, including:
Identify and evaluate social and economic impacts
Identify property owners and tenants adjacent to the roadway project
Identify potential displacements
Perform public contact and public involvement to gather information from individuals and communities regarding social impacts (by dannenbaum)
Estimate the losses and gains to tax revenues
Estimate losses and gains using a computer model (NOT INCLUDED)
Identify current and anticipated land uses with surveys and land use plans
Incorporate subdivision plats into identification of current and anticipated land uses.
Evaluate travel modes and patterns. Evaluation also shall incorporate:
Predictive models (NOT INCLUDED)
Public contact
Identify and evaluate the potential for impacts to disabled and elderly individuals and populations
Perform Environmental Justice analysis
Perform indirect and cumulative impact studies
Identify considerations impacting pedestrians and bicycles
Perform air quality analysis to include a qualitative MSAT analysis
Perform a traffic noise analysis. The noise analysis also shall include:
Perform computer modeling of existing (if not obtained through field measurements) and predicted noise levels. Modeling shall be accomplished with the Federal Highway Administration (FHWA) approved Traffic Noise Model
Technical Expert: Determine predicted noise impact contours for undeveloped property
Technical Expert: Water Quality studies
Perform wetland delineations
Perform wild and scenic river studies (NOT required)
Perform floodplain impact studies (by Dannenbaum)
Perform coastal barrier studies (NOT Required)
Perform coastal zone impact studies (NOT REQUIRED)
United States Coast Guard Section 9 Permit (NOT REQUIRED)
Section 10 of the Rivers and Harbors Act (33 U.S.C. 403) (NOT REQUIRED)
Perform water body modifications and wildlife impact studies
Threatened and endangered species.
Survey for protected species habitat
Survey shall be performed for T & E species on the El Paso County TPWD and USFWS lists (no species specific surveys are anticipated).
Check for presence of designated critical habitat
Habitat analysis (Entire project area not just Threatened and Endangered Species)
Analysis of stream modifications (if any) and associated habitats
Early coordination with United States Fish and Wildlife Service (USFWS) / Texas Parks and Wildlife Department (TPWD) (indicate which) (coordination with both USFWS and TPWD)
Perform invasive species studies
Perform essential fish habitat studies (NOT INCLUDED)
Perform beneficial landscaping studies NONE
Determine farmland impacts NONE
Perform hazardous materials studies

Field Survey to be conducted
Field Surveys and Environmental Investigations
Existing field surveys will be reviewed for the proposed new right of way and additional buffer area for survey is no greater than 400 feet in width.
Alternatives
Assume no build and widening the roadway with two options at the northeastern portion of the project as depicted in August conceptual map of project
Public Involvement:
Dannenbaum will arrange public meetings and hearings. AZ&B will provide technical support at public meetings and hearings (up to 4 meetings). AZ&B will prepare technical exhibits for public hearing/meetings related to environmental issues. One professional of the Subconsultant will attend one public meeting and one public hearing. Each is assumed to require 16 hours per meeting/hearing for travel, attendance, and related coordination. Subconsultant will not be responsible for the preparation of any materials for display or presentation at the meetings, other than contract deliverables.
Air Quality:
Air Quality Analysis includes a qualitative Mobile Source Air Toxics (MSAT) analysis. MSAT quantitative analysis is not included in this scope.
Noise:
The prime shall provide the latest aerial maps, topography files, contour data, hourly volumes (if available), truck percentage, and information on permitted developments (if any). The prime shall provide future hourly volumes, truck percentage by roadway facility, roadway profiles, alignment, finished grades, and cross sections. The prime shall provide ground elevation of the proposed barrier. Field noise measurement is not included in this scope and contract.
Hazardous Materials/Phase I ESA
No detailed legal descriptions of property boundaries will be utilized. No interior inspections of structures will be completed. Historic land use will be limited to review of aerial photography. It is assumed landowners will not be potentially impacted by the project and no interviews will be conducted by members of the project team. Only sites of environmental concern within the 400' ROW and within the ASTM Standard search distances for the project area will be reviewed. Asbestos was banned in most friable building materials (spray-applied surfacing materials and thermal system insulation) in 1978. Physical inspection of the interior of buildings or the identification of asbestos containing materials will not be conducted. The scope of work does not include air, surface water, groundwater, lead based paint, or polychlorinated biphenyl (PCB) sample collection or testing, nor does it include a title search.
Socioeconomics
Only windshield surveys will be conducted. No door-to-door, mailer, or phone surveys will be conducted to obtain information from residence or business owners.
Section 4(f) Evaluation
This scope and contract includes necessary coordination, analysis, and documentation related to a de minimis finding only. No avoidance alternatives development or analysis, or Section 4(f) statement preparation is included.
Environmental Decision Document:
The Subconsultant shall prepare a draft environmental decision document for review by ENV and a final environmental decision document for approval by FHWA. The decision document will succinctly summarize the prime aspects of the project that influence FHWA's environmental decision. At a minimum the decision document shall include a brief description of the project (including project location and termini), a summary of the Need and Purpose statement, an explanation of why the preferred alternative was chosen over the no build alternative studied, a listing of anticipated impacts from the preferred alternative, a summary of all the proposed mitigation actions (if any) for the project impacts, and a justification as to why the impacts of the project are not considered significant. The environmental decision document shall be prepared in accordance with the February 20, 2009 memorandum from the FHWA Texas Division. One hardy copy deliverable will be submitted to Dannenbaum to copy document and provide copies to stakeholders, agencies, client, etc.
Deliverables:
The Subconsultant shall conduct an internal quality assurance and quality control review on each deliverable before it is submitted to the County/State for review. After the draft deliverables are submitted and reviewed by TxDOT, the Subconsultant shall revise and resubmit the deliverables to address all comments received from Environmental Affairs Division, TxDOT Laredo District and the Federal Highway Administration.
Assume classification letter results in Environmental Assessment document and project obtains FONSI.
Copies of the Draft and Final Environmental Assessment for FHWA review will be printed double sided. Subconsultant is not responsible for distribution/ mailing of Draft or Final Environmental Assessments.

ATTACHMENT E2
SUMMARY OF FEE SCHEDULE FOR PHASE I (ADVANCED PROJECT DEVELOPMENT SERVICES)
SUPPORTING LUMP SUM CALCULATIONS

Archeological studies:	
Perform archeological background studies	
Perform archeological background studies	
Perform an archeological reconnaissance survey	
Perform an archeological intensive survey	
Identify Native American tribes for consultation	
Identify and seek the views of consulting parties (NOT INCLUDED)	
Identify and seek the views of local historical and archeological societies, county historical commissioners, and other individuals or organizations (NOT INCLUDED)	
Perform early coordination with the State Historic Preservation Officer (SHPO)	
Historic Resource Studies: Consultant will prepare the Pre-coordination Request (PCR) form	
Reconnaissance Survey	
Intensive Survey (NOT INCLUDED)	
Perform visual impact studies	
Perform construction impact studies	
Perform Section 4(f) evaluations	
Perform services as summarized in the summary of hours above	
Alternatives to be considered:	
A. No build	
B. Widening along the existing corridor	

EXHIBITS

EXHIBIT H-1

Subprovider Monitoring System Commitment Worksheet

Contract #: CSJ: 0922-33-166 Assigned Goal: 0% Federally Funded County Funded

Prime Provider: Dannenbaum Engineering Corporation Total Contract Amount: \$298,282.04

Prime Provider Info: DBE N/A HUB N/A Both N/A

Vendor ID #: N/A DBE/HUB Expiration Date: N/A
(First 11 Digits Only)

If no subproviders are used on this contract, please indicate by placing "N/A" on the 1st line under Subproviders.

Subprovider(s) (List All)	Type of Work	Vendor ID # (First 11 Digits Only)	D=DBE H=HUB	Expiration Date	\$ Amount or % of Work *
Aerial Data Service, Inc.	Field Surveying	17309543449	N/A	N/A	\$20,000.00
Gilpin Engineering Company	Surveying Services	42-1575769	N/A	N/A	\$22,722.60
Amaterra Environmental, Inc.	Environmental Services	14539677063	N/A	N/A	\$56,590.00
Subprovider(s) Contract or % of Work* Totals					N/A

*For Work Authorization Contracts, indicate the % of work to be performed by each subprovider.

Total DBE or HUB Commitment Dollars N/A

Total DBE or HUB Commitment Percentages of Contract N/A

(Commitment Dollars and Percentages are for Subproviders only)

12/06 DBEH1.AT

EXHIBIT H-2

Subprovider Monitoring System Commitment Agreement

This commitment agreement is subject to the award and receipt of a signed contract from Webb County. **NOTE: Exhibit H-2 is required to be attached to each contract that does not include work authorizations. Exhibit H-2 is required to be attached with each work authorization. Exhibit H-2 is also required to be attached to each supplemental work authorization. If DBE/HUB Subproviders are used, the form must be completed and signed. If no DBE/HUB Subproviders are used, indicate with "N/A" on this line: _____ and attach with the work authorization or supplemental work authorization.**

Contract #: CSJ:0922-33-166 Assigned Goal: 0% Prime Provider Dannenbaum Engineering Corporation

Work Authorization (WA)#: WA Amount: \$ _____ Date: _____

Supplemental Work Authorization (SWA) #: _____ to WA #: _____ SWA Amount: _____

Description of Work <i>(List by category of work or task description. Attach additional pages, if necessary.)</i>	Dollar Amount <i>(For each category of work or task description shown.)</i>
Total Commitment Amount <i>(Including all additional pages.)</i>	
IMPORTANT: The signatures of the prime and the DBE/HUB and Second Tier Subprovider, if any (both DBE and Non-DBE) and the total commitment amount must always be on the same page.	
Provider Name: <u>Dannenbaum Engineering Corporation</u> Address: <u>1109 West Nolana Avenue, Suite 208, McAllen, Tx 78504</u> Phone # & Fax #: <u>PH: (956)682-3677; FX: (956)686-1822</u> Email: jim.dannenbaum@dannenbaum.com	Name: <u>James D. Dannenbaum, P.E.</u> <i>(Please Print)</i> Title: <u>President</u> _____ <div style="display: flex; justify-content: space-between;">Signature Date</div>
<u>DBE/HUB Sub Provider</u> Subprovider Name: VID Number: Address: Phone # & Fax #: PH: ; FX: Email:	Name: _____ <i>(Please Print)</i> Title: _____ _____ <div style="display: flex; justify-content: space-between;">Signature Date</div>
Second Tier Sub Provider Subprovider Name: VID Number: Address: Phone #& Fax #: Email:	Name: _____ <i>(Please Print)</i> Title: _____ _____ <div style="display: flex; justify-content: space-between;">Signature Date</div>
VID Number is the Vendor Identification Number issued by the Comptroller. If a firm does not have a VID Number, please enter the owner's Social Security or their Federal Employee Identification Number (if incorporated).	

EXHIBIT H-3
Subprovider Monitoring System for Federally Funded Contracts
Progress Assessment Report for month of (Mo./Yr.)

Contract #:	<u>CSJ: 0922-33-166</u>	Original Contract Amount:	<u>\$298,282.04</u>
Date of Execution:		Approved Supplemental Agreements:	<u>\$0.00</u>
Prime Provider:	<u>Dannenbaum Engineering Corporation</u>	Total Contract Amount:	<u>\$298,282.04</u>
Work Authorization No.:		Work Authorization Amount:	<u>\$298,282.04</u>

If no subproviders are used on this contract, please indicate by placing "N/A" on the 1st line under Subproviders.

DBE	All Subproviders	Category of Work	Total Subprovider Amount	% Total Contract Amount	Amount Paid This Period	Amount Paid To Date	Subcontract Balance Remaining
X	Aerial Data Service, Inc,	Field Surveying-Aerial	\$20,000.00	6.71			
	Gilpin Engineering Company	Surveying Services	\$22,722.60	7.62			
X	Ama Terra Environmental, Inc.	Environmental Services	\$56,590.00	18.97			

Fill out Progress Assessment Report with each estimate/invoice submitted, *for all subcontracts*, and forward as follows:

1 Copy with Invoice - Contract Manager/Managing Office

1 Copy – Webb County

I hereby certify that the above is a true and correct statement of the amounts paid to the firms listed above.

 Print Name - Company Official

 Signature

 Phone

 Date

 Email

 Fax

EXHIBIT H-5

Federal Subprovider and Supplier Information

The Provider shall indicate below the name, address and phone number of all successful and unsuccessful subproviders and/or suppliers that provided proposals/quotes for this contract prior to execution. You may reproduce this form if additional space is needed.

Name	Address	Phone Number
Aerial Data Service, Inc,	8301 E. 51ST Street, Suite 100, Tulsa, OK 74145	866-545-4166
Gilpin Engineering Company	101 E Hillside Rd, Laredo, TX 78041	956-753-2210
AmaTerra Environmental, Inc.	11842 Rim Rock Trail, Austin, Texas 78737	512-329-0031

The information must be provided and returned with the contract.

Signature

Date

James D. Dannenbaum, P.E., President
Printed Name

jim.dannenbaum@dannenbaum.com
Email

956-682-3677
Phone #