DANNENBAUM ENGINEERING CORPORATION

3100 WEST ALABAMA HOUSTON, TEXAS 77098 P.O. BOX 22292 HOUSTON, TEXAS 77227 (713) 520-9570

ENGINEERING EXCELLENCE SINCE 1945

Richard Stolleis, P.E. Fort Bend County P.O. Box 1449 Rosenberg, Texas 77471

Invoice Date:

January 14, 2013 Invoice Period: 12/01/12 Through 12/31/12

Invoice Number:

459301/14/11

For Professional Services:

In connection with improvements to FM 1093 from State Highway 99 to west of FM 359 in Fort Bend County Work Authorization No. 1, including Amendment No. 1

Mobility Bond Project #748

DESCRIPTION OF WORK TASK		TOTAL	PERCENT COMPLETE		AMOUNTS EARNED		REVIOUSLY	- 50	INVOICE
	느	AMOUNTS	TO DATE	_	TO DATE		AMOUNTS	-	AMOUNTS
Pre-Award Costs Dannenbaum Engineering Corporation	\$	100,000.00	100.00%	\$	100,000.00	\$	100,000.00	\$	
PHASE I									
Advanced Planning									
Environmental / NEPA (Jacobs)	\$	189,506.00	76.60%	\$	145,156.36	\$	145,156.36	\$	-
Schematic Design (Klotz)	\$	181,731.00	100.00%	\$	181,731.00	\$	181,731.00	\$	-
Drainage Impact Report (Klotz)	\$	182,020.00	99.00%	\$	180,199.80	\$	180,199.80	\$	
Management & Engineering									
Management (DEC) (See attached for breakdown)	s	1,126,445.09	36.19%	\$	407,688.59	\$	382,617.47	\$	25,071.12
Segment D Design (Costello)	\$	925,000.00	40.63%			\$	342,671.78	533519	33,114.13
Segment C Design (BBI)	\$	925,000.00	34.16%			\$			18,252.75
Segment B Design (Halff)	\$	350,000.00	45.13%	\$	157,942.00	\$	143,567.15		14,374.85
TCP Design (Klotz)	\$	284,040.00	40.00%				113,616.00		-
Traffic Engineering (Tedsi - Signing & Signals)	\$	208,176.00	31.57%	\$	65,723.98	\$	55,895.49	\$	9,828.49
Construction Management, Inspection & Material Testing	\$	-	0.00%	\$	-	\$		\$	-
Extras		070 400 00	04.540/		040 000 00	_	040 000 00	_	9990
Survey (Weisser) ROW Parcel Mapping (Weisser)	\$	272,180.00 90,000.00	91.51% 100.00%		249,080.28 90,000.00	\$	249,080.28 90,000.00	\$	-
Geotechnical (HTS)	\$	100,000.00	91.33%		7.000 B (#1.00000 10.0000 10.000 1		91,333.00		17.1
Signal Warrant Studies (Tedsi)	s	2,820.00	100.00%	10.70			2.820.00	1500.000	-
Utility Coordination (DEC) (See attached for breakdown)	\$	116,451.55	39.20%			\$	45,644.61	100	-
Utility Locating - SUE (LTRA)	\$	63,565.82	98.99%	\$	62,922.45	\$	33,804.79	\$	29,117.66
Direct Expenses (DEC) (See attached for breakdown)	\$	39,689.54	5.89%	\$	2,335.96	\$	1,601.72	\$	734.24
PHASE II									
Advanced Planning									
Environmental (Klotz)	\$	297,135.00	90.00%	\$	267,420.83	\$	252,564.11	\$	14,856.72
Schematic Design (Klotz)	\$	116,100.00	95.00%	\$	110,295.00	\$	110,295.00		:00
Drainage Impact Report (Klotz)	\$	76,555.00	95.00%	\$	72,727.25	\$	72,727.25	\$	-
Management & Engineering									
Management (DEC) (See attached for breakdown)	\$	280,546.00	55.48%			\$	132,565.17	\$	23,076.73
Segment B - Section 1 Design (Halff)	\$	586,500.00	0.00%			\$		\$	5 - 5
Segment B - Section 2 Design (DEC) (See attached for breakdown)	\$	443,710.00	0.14%	- 592		\$	604.50	\$	450
Segment A Design (CivilCorp) TCP Design (DEC) (See attached for breakdown)	\$	536,527.00 287,808.00	0.00% 1.93%	13.5		\$	5,541.25	\$	-
Traffic Engineering (Tedsi - Signing & Signals)	5	200,182.00	0.00%			S	5,541.25	\$	-
Traine Brighteeting (1988) Organis & Organis,	ľ	200,102.00	0.0070	1					
Construction Management, Inspection & Material Testing	\$	-	0.00%	\$	-	\$	-	\$	-
Extras									
Survey (Weisser)	\$	50,000.00	0.00%	\$	(4)	\$		\$	-
ROW Parcel Mapping (Weisser)	\$	95,945.00	88.10%			\$	84,527.55		_
Geotechnical (HTS)	\$	115,000.00	57.78%			\$	48,704.00		17,747.00
Utility Coordination (DEC) (See attached for breakdown)	\$	92,722.00	0.47%	0.00		\$	431.25		-
Utility Locating - SUE (LTRA)	\$	46,610.00	0.00%			\$	440.00	\$	67.40
Direct Expenses (DEC) (See attached for breakdown)	1	25,000.00	2.03%	4	508.09	\$	440.93	\$	67.16
	L							_	
TOTALS	\$	8,406,965.00	39.87%	\$	3,352,070.37	\$	3,165,829.52	\$	186,240.85

TOTAL AMOUNT DUE THIS INVOICE:	\$186,240.85

DESCRIPTION OF WORK TASK		HOURS/UNITS	RATE	A	MOUNT
Details for Dannenbaum Engineering Corporation					
Management & Engineering Phase I Management (DEC)					
David Milner, Project Manager Michael Kaspar, Project Engineer Uttam Karmaker, Project Engineer Heather Arcolas, Clerical Tuan Nguyen, Clerical	Subtotal	23.50 28.00 102.00 4.75 5.50	\$ 313.10 143.75 128.12 85.93 38.52	\$	7,357.85 4,025.00 13,068.24 408.17 211.86 25,071.12
Direct Expenses - Phase I					
Sonlife Corporation - Delivery Service Gurrola Reprographics				\$	8.91 725.33
Management & Engineering Phase II Management (DEC)	Subtotal			\$	734.24
David Milner, Project Manager Michael Kaspar, Project Engineer Uttam Karmaker, Project Engineer Urbano Herrera, Senior Engineering Technician Tuan Nguyen, Clerical	Subtotal	29.50 28.00 48.00 36.00 1.00	\$ 313.10 143.75 128.12 100.75 38.52	\$	9,236.45 4,025.00 6,149.76 3,627.00 38.52 23,076.73
Direct Expenses - Phase II					
D. Milner - Mileage	Subtotal	121.00	\$ 0.555	\$	67.16 67.16
	TOTAL			\$	48,949.25

Progress Report No. 14 From December 01, 2012 to December 31, 2012 Report Date: January 10, 2013

Mobility Bond Project #748, Precinct 3

Description: FM 1093 Westpark Tollroad Extension Phase I

SH 99 to FM 359

Fort Bend County Engineer: Richard Stolleis, P.E.

Project Director: David Milner, P.E.

Dannenbaum Engineering Corporation (DEC) - Houston

Narrative:

Our efforts in December were focused on completion of the 30% PS&E submittal to TxDOT, hydraulic impact analysis revisions, and advancement of the Draft Environmental Assessment. The revised Draft EA is currently at TxDOT Austin ENV awaiting further comment from TPWD, which are due before the end of December. We anticipate that the document will be approved by TxDOT for submittal to FHWA in January. We received final comments from TxDOT on the Hydraulic Impact Report in December. Following completion of the hydraulic impact analysis, the 30% PS&E was submitted to TxDOT. We also conducted Program updates at the Fort Bend County Commissioner's Court on Tuesday, December 18 and at the Fort Bend County Toll Road Authority Board Meeting on Wednesday, December 19. A more detailed list of December activities is shown below.

Activities This Month:

Environmental Process

 Draft EA at TxDOT Austin ENV awaiting comments from TPWD before it can be forwarded to FHWA.

Survey

None.

Geotechnical

Received and responded to comments from TxDOT.

Schematic

None.

Hydraulic Impact Report

Received and responded to Hydraulic Impact Analysis comments from TxDOT.

Utilities

- Continued utility research based on an initial utility inventory.
- Continued coordination with private utility companies.
- Completed Level A and B SUE work.

Progress Report No. 14 From December 01, 2012 to December 31, 2012 Report Date: January 10, 2013

Segment Design (PS&E)

- Reviewed schematic and hydraulic impact analysis.
- Continued preparation of PS&E documents.
- Completed 30% PS&E package for submittal to TxDOT.

Approvals and Deliverables this Month:

Submitted 30% PS&E package to TxDOT on December 20.

Activities Next Month:

Environmental Process

Submit Draft EA to FHWA.

Survey

Address issues or comments from designers.

Geotechnical

Address review comments from TxDOT.

Hydraulic Impact Report

- Address review comments from TxDOT.
- Coordinate with TxDOT to gain final approval.

Utilities

- Continue review of surveyed utility information.
- Update Utility Conflict List.

Segment Design (PS&E)

- Address 30% PS&E comments from TxDOT.
- Advance design toward 60% PS&E.

Approvals and Deliverables next Month:

Submit Draft EA to FHWA.

Schedule:

Program Schedule is monitoring environmental assessment, hydraulic impact analysis and final design PS&E activities. These efforts are on-schedule when compared against the baseline timetables, previously discussed with the County.

Progress Report No. 14 From December 01, 2012 to December 31, 2012 Report Date: January 10, 2013

Projection Report:

Efforts related to hydraulic impact report will be completed by January. Work will continue on Segment Design in January with extensive coordination between segment designers and TxDOT. Activities are moving forward with design and expect to have a 60% package complete and submitted to TxDOT in February.

Issues and Concerns:

- Coordination with METRO to acquire property in a timely manner.
- Finalizing Toll Collection points and Ramp locations with FBCTRA.
- Development of the Program cost-sharing plan between FBC and FBCTRA.
- Coordination with TxDOT to finalize drainage design and receive approval.

Assessment:

Our efforts are focused on continuing to obtain environmental clearance and continuing design of the project. Our immediate priority is to gain approval of hydraulic design so that final segment design can continue.

David R. Milner, P.E.

Progress Report No. 09 From December 01, 2012 to December 31, 2012 Report Date: January 10, 2013

Mobility Bond Project #748, Precinct 3

Description: FM 1093 Westpark Tollroad Extension Phase II

FM 359/FM 1463 to James Lane in Fulshear

Fort Bend County Engineer: Richard Stolleis, P.E.

Project Director: David Milner, P.E.

Dannenbaum Engineering Corporation (DEC) - Houston

Narrative:

Our efforts in December were focused on schematic design, hydraulic analysis, and environmental assessment development. Several meetings were held throughout December to discuss alternative alignments. We also conducted Program updates at the Fort Bend County Commissioner's Court on Tuesday, December 18 and at the Fort Bend County Toll Road Authority Board Meeting on Wednesday, December 19. A more detailed list of December activities is shown below.

Activities This Month:

Environmental Process

Completed development of Draft Environmental Assessment (EA).

Survey

- Continued preparation of control data sheets and survey control maps.
- Continued work on parcel drawings and metes and bounds descriptions.

Geotechnical

Continued lab tests and report development.

Schematic

- Revised schematic based on internal review comments and changes to Hydraulic Impact Report.
- Coordinated preliminary ditch typical sections and profiles with drainage designers.
- Completed Schematic for submittal to TxDOT.

Hydraulic Impact Report

- Revised report based on internal review comments.
- Completed Hydraulic Impact Report for submittal to TxDOT.

Utilities

- Continued utility research based on an initial utility inventory.
- Continued coordination with private utility companies.
- Completed Level A and B SUE work.

Progress Report No. 09 From December 01, 2012 to December 31, 2012 Report Date: January 10, 2013

Approvals and Deliverables this Month:

None.

Activities Next Month:

Environmental Process

None pending further direction.

Survey

None.

Geotechnical

- Complete Geotechnical Laboratory Testing.
- Continue Geotechnical Report.

Schematic

None pending further direction.

Hydraulic Impact Report

None pending further direction.

Utilities

- Continue review of surveyed utility information.
- Update Utility Conflict List.

Approvals and Deliverables next Month:

None pending further direction.

Schedule:

Program Schedule is monitoring right of way survey, environmental assessment, schematic design, and hydraulic report design activities. These efforts have been delayed when compared against the baseline timetables, previously discussed with the County.

Projection Report:

Efforts related to survey, schematic design, hydraulic impact report, and the environmental process are on hold pending further direction from the County.

Progress Report No. 09 From December 01, 2012 to December 31, 2012 Report Date: January 10, 2013

Issues and Concerns:

- Coordination with METRO to acquire property in a timely manner.
- Further direction from County, related to addressing alternative highway alignments west of Cross Creek Ranch, including FM 1093/FM 359 Intersection where proposed boulevard sections may cross METRO property.

Assessment:

At this time we need direction from the County before advancing the environmental process, schematic, and hydraulic impact report. These documents are ready for submittal to TxDOT but cannot proceed without approval from the County.

David R. Milner, P.E.



(713) 861-4277

INVOICE

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SOLD TO: DANNENBAUM ENGINEERING 3100 W. ALABAMA HOUSTON, TX 77098 SHIP 4593-01 Westpack DEC.

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DANNENBAUM ENGINEERING CORPORATION EXPENSE REPORT

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DANNENBAUM ENGINEERING CORPORATION AUTO MILEAGE RECORD

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4660.01 12 13 12,402 71 \(\sigma \sigma \sigma \sigma \cdot \) \$39.41 \\ \frac{12,402}{12,402} \) \$10,402 \\ \frac{12,402}{12,402} \) \$10,402 \\ \frac{12,402}{12,402} \) \$10,402 \\ \frac{12,402}{12,402} \\ \frac{12,402}{	ort of Houston	4660.01	12	12	12,229	12,301	72 1/	\$39.96	
575 / \$319.13	ort of Houston	4660.01	12	13	12,331	12,402	71 /	\$39.41	
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575 / \$319.13			22						
						TOTAL		\$319.13	\$8.00

9

DANNENBAUM ENGINEERING CORPORATION

3100 WEST ALABAMA HOUSTON, TEXAS 77098 P.O. BOX 22292 HOUSTON, TEXAS 77227 (713) 520-9570

ENGINEER 16 EKOSLLENDE SINCE 1945

Richard Stolleis, P.E. Fort Bend County P.O. Box 1449 Rosenberg, Texas 77471

Invoice Date:

January 14, 2013 Invoice Period: 12/01/12 Through 12/31/12

Invoice Number:

459301/14/11

For Professional Services:

In connection with improvements to FM 1093 from State Highway 99 to west of FM 359 in Fort Bend County Work Authorization No. 1, including Amendment No. 1

REMITTANCE COPY PLEASE RETURN

Mobility Bond Project #748

DESCRIPTION OF WORK TASK		TOTAL	PERCENT		AMOUNTS EARNED	ä	REVIOUSLY	1	CURRENT
	L	AMOUNTS	TO DATE	_	TO DATE	-	AMOUNTS	-	AMOUNTS
Pre-Award Costs									
Dannenbaum Engineering Corporation	\$	100,000.00	100.00%	\$	100,000.00	\$	100,000.00	\$	2
PHASE I									
Advanced Planning)				
Environmental / NEPA (Jacobs)	\$	189,506.00	76.60%	\$	145,156.36	\$	145,156.36	\$	2
Schematic Design (Klotz)	\$	181,731.00	100.00%	\$	181,731.00	\$	181,731.00	100	-
Drainage Impact Report (Klotz)	\$	182,020.00	99.00%	\$	180,199.80	\$	180,199.80	\$	#1
Management & Engineering								ŝ	
Management (DEC) (See attached for breakdown)	\$	1,126,445.09	36.19%	\$	407,688.59	\$	382,617.47	\$	25,071.12
Segment D Design (Costello)	\$	925,000.00	40.63%	\$	375,785.91	\$	342,671.78	\$	33,114.13
Segment C Design (BBI)	\$	925,000.00	34.16%	\$	315,941.81	\$	297,689.06	\$	18,252.75
Segment B Design (Halff)	\$	350,000.00	45.13%	\$	157,942.00	\$	143,567.15	\$	14,374.85
TCP Design (Klotz)	\$	284,040.00	40.00%	\$	113,616.00	\$	113,616.00	\$	- 100 H
Traffic Engineering (Tedsi - Signing & Signals)	\$	208,176.00	31.57%	\$	65,723.98	\$	55,895.49	\$	9,828.49
Construction Management, Inspection & Material Testing	\$	-	0.00%	s	_	S	_	\$	_
in the second se	ľ			-				1	200
Extras				_	27272-1-	. 25			
Survey (Weisser)	\$	272,180.00	91.51%	\$	249,080.28	\$	249,080.28		2
ROW Parcel Mapping (Weisser)	\$	90,000.00	100.00%	1000	90,000.00	\$	90,000.00		-
Geotechnical (HTS)	\$	100,000.00	91.33%	11/2/27	91,333.00	\$	91,333.00	5000	₹ :
Signal Warrant Studies (Tedsi)	\$	2,820.00	100.00%		2,820.00	\$	2,820.00	43.77	
Utility Coordination (DEC) (See attached for breakdown)	\$	116,451.55	39.20%	200	45,644.61	\$	45,644.61		
Utility Locating - SUE (LTRA) Direct Expenses (DEC) (See attached for breakdown)	\$	63,565.82 39,689.54	98.99% 5.89%		62,922.45 2,335.96	\$	33,804.79 1,601.72		29,117.66 734.24
	ľ			350	-1	22.70	.,,	1	0.5.1150.1
PHASE II									
Advanced Planning				_					
Environmental (Klotz)	\$	297,135.00	90.00%	0.5%	267,420.83	\$	252,564.11		14,856.72
Schematic Design (Klotz)	\$	116,100.00	95.00%		110,295.00	\$	110,295.00		Ξ.
Drainage Impact Report (Klotz)	\$	76,555.00	95.00%	\$	72,727.25	\$	72,727.25	\$	•
Management & Engineering							0200		04000
Management (DEC) (See attached for breakdown)	\$	280,546.00	55.48%		155,641.90	\$	132,565.17	\$	23,076.73
Segment B - Section 1 Design (Halff)	\$	586,500.00	0.00%	950		\$	-	\$	-
Segment B - Section 2 Design (DEC) (See attached for breakdown)	\$	443,710.00	0.14%		604.50	\$	604.50	\$	5
Segment A Design (CivilCorp)	\$	536,527.00	0.00%			\$		\$	7.
TCP Design (DEC) (See attached for breakdown)	\$	287,808.00	1.93%	\$	5,541.25	\$	5,541.25	\$	-
Traffic Engineering (Tedsi - Signing & Signals)	\$	200,182.00	0.00%	\$		\$	-	\$	-
Construction Management, Inspection & Material Testing	\$	-	0.00%	\$	-	\$	-	\$	-
Extras									
Survey (Weisser)	\$	50,000.00	0.00%	\$	-	\$	0-0	\$	_
ROW Parcel Mapping (Weisser)	\$	95,945.00	88.10%		84,527.55	\$	84,527.55		_
Geotechnical (HTS)	\$	115,000.00	57.78%		66,451.00		48,704.00		17,747.00
Utility Coordination (DEC) (See attached for breakdown)	\$	92,722.00	0.47%		431.25	\$	431.25	10000	-
Utility Locating - SUE (LTRA)	\$	46,610.00	0.00%		-	\$	100 mm (100 mm) (100	\$	-
Direct Expenses (DEC) (See attached for breakdown)	\$	25,000.00	2.03%		508.09	\$	440.93		67.16
	L								
TOTALS	\$	8,406,965.00	39.87%	\$	3,352,070.37	\$	3,165,829.52	\$	186,240.85

TOTAL AMOUNT DUE THIS INVOICE: \$186,240.85