# 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:

October 23, 2013 Invoice Period: 09/01/13 Through 09/30/13

Invoice Number: 459301/22/II

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

P.O. Number 85425

Mobility Bond Project #748

		TOTAL	PERCENT		AMOUNTS	P	REVIOUSLY	9	CURRENT
DESCRIPTION OF WORK TASK		CONTRACT	COMPLETE		EARNED		INVOICED		INVOICE
		AMOUNTS	TO DATE		TO DATE		AMOUNTS	A	MOUNTS
Pre-Award Costs									
Dannenbaum Engineering Corporation	\$	100,000.00	100.00%	\$	100,000.00	\$	100,000.00	\$	
Subtotal Pre-Award Costs	\$	100,000.00		\$	100,000.00	\$	100,000.00	\$	
PHASE I									
Advanced Planning		100 500 00	70 000/	•	440 227 24	•	148,227,24	_	
Environmental / NEPA (Jacobs) Schematic Design (Klotz)	\$	189,506.00 181,731.00	78.22% 100.00%	100	148,227.24 181,731.00	\$	181,731.00	\$	0. <b>0</b> .0
Orainage Impact Report (Klotz)	\$	182,020.00	100.00%	. 223	182,020.00	\$	182,020.00	\$	-
	ľ	102,020.00	100.0070	•	102,020.00	•	.02,020.00	_	
Management & Engineering	_	000 000 00	60.040/	•	500 745 00		570 202 70	_	40 440 (
Management (DEC) (See attached for breakdown)	\$	982,806.93	60.01% 55.20%		589,745.66	\$	579,302.79 584,796.51	\$	10,442.8
Segment D Design (Costello) Segment C Design (BBI)	\$	1,059,381.16 948,500.00	56.65%		584,796.51 537,360.69	\$	537,360.69	\$	
Segment B Design (Halff)	\$	370,757.00	68.09%		252,441.07	\$	252,441.07	\$	-
TCP Design (Klotz)	s	284,040.00	70.00%		198,828.00	\$	198,828.00	\$	-
Fraffic Engineering (Tedsi - Signing & Signals)	\$	208,176.00	47.77%		99,439.94	\$	99,439.94	\$	
Construction Management, Inspection & Material Testing	\$	:::::::::::::::::::::::::::::::::::::	0.00%	\$	)	\$	-	s	
Extras	-					2500			
Survey (Weisser)	\$	262,180.00	95.47%	\$	250,309.21	\$	250,309.21	\$	-
ROW Parcel Mapping (Weisser)	\$	90,000.00	100.00%		90,000.00	\$	90,000.00	\$	_
Geotechnical (HTS)	\$	100,000.00	91.33%	\$	91,333.00	\$	91,333.00	\$	-
Signal Warrant Studies (Tedsi)	\$	2,820.00	100.00%	\$	2,820.00	\$	2,820.00	\$	-
Utility Coordination (DEC) (See attached for breakdown)	\$	116,451.55	61.67%	\$	71,818.90	\$	71,818.90	\$	-
Utility Locating - SUE (LTRA)	\$	63,565.82	100.00%		63,565.82	\$	63,565.82	\$	-
Direct Expenses (DEC) (See attached for breakdown)	\$	14,689.54	29.27%		4,298.99	\$	4,135.14	\$	163.8
Subtotal PHASE I	\$	5,056,625.00		\$	3,348,736.03	3	3,338,129.31	\$	10,606.7
PHASE II									
Advanced Planning	1								
Environmental (Klotz)	\$	297,135.00	90.00%	\$	267,420.83	\$	267,420.83	\$	-
Schematic Design (Klotz)	\$	116,100.00	95.00%	100	110,295.00	\$	110,295.00	\$	-
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	76.35%	100	214,209.20	\$	210,319.25	\$	3,889.9
Segment B - Section 1 Design (Halff)	\$	586,500.00	0.00%			\$	_	\$	-
Segment B - Section 2 Design (DEC) (See attached for breakdown)	\$	443,710.00	0.14%		604.50	\$	604.50	\$	-
Segment A Design (CivilCorp) TCP Design (DEC) (See attached for breakdown)	\$	536,527.00	0.00% 1.93%		5,541.25	\$	5,541.25	\$	0.7
Traffic Engineering (Tedsi - Signing & Signals)	\$	287,808.00 200,182.00	0.00%	100	5,541.25	\$	5,541.25	\$	-
Construction Management, Inspection & Material Testing	s	200,102.00	0.00%		_	s		s	
de l'antique de la company de la company La company de la company d	"		0.0070	"		*	900		
Extras Survey (Weisser)	\$	50,000.00	0.00%	\$	-	\$	-	\$	: <del>-</del>
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	\$	
Utility Coordination (DEC) (See attached for breakdown)	\$	92,722.00	1.09%				1,006.25	\$	( <del>.</del>
Utility Locating - SUE (LTRA)	\$	46,610.00	28.51%	1		\$	13,287.03	\$	-
Direct Expenses (DEC) (See attached for breakdown)	\$	25,000.00	3.48%	_	869.35	_	869.35	\$	0.000
Subtotal PHASE II	\$	3,250,340.00		\$	836,939.21	\$	833,049.26	\$	3,889.9
	-		1	-		-		Ť	

TOTAL	AMOUNT DUE THE INVOICE.	\$14,496,67
IOIAL	AMOUNT DUE THIS INVOICE:	514.490.0/1

DESCRIPTION OF WORK TASK		HOURS/UNITS	F	RATE	Α	MOUNT
Details for Dannenbaum Engineering Corporation						
Management & Engineering Phase I Management (DEC)						
David Milner, Project Manager		28.00 11.00	\$	313.10 152.37	\$	8,766.80 1,676.07
Michael Kaspar, Project Engineer	Subtotal			152.57	\$	10,442.87
Direct Expenses - Phase I						
D. Milner - Mileage		290.00	\$	0.565	\$	163.85
Management & Engineering Phase II Management (DEC)	Subtotal				\$	163.85
David Milner, Project Manager Heather Arcolas, Clerical		12.00 1.50	\$	313.10 88.50	\$	3,757.20 132.75
	Subtotal	13.50		*	\$	3,889.95
	TOTAL				\$	14,496.67

# Progress Report No. 22 From September 01, 2013 to September 30, 2013 Report Date: October 20, 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 September were focused on advancement of the Draft Environmental Assessment. We received a second round of comments from FHWA on August 7. Following discussions with Fort Bend County, we submitted responses to TxDOT on September 9. We continued discussions with TxDOT to finalize the responses and re-submitted the EA to FHWA the first week of October. We anticipate a finding of Satisfactory for Further Processing by the end of October. A more detailed list of September activities is shown below.

#### **Activities This Month:**

#### **Environmental Process**

- Submitted responses to FHWA comments to TxDOT on September 9.
- Re-submitted Draft EA back to FHWA on October 3.

# Survey

None.

## Geotechnical

None.

#### **Schematic**

None.

### **Hydraulic Impact Report**

None.

#### Utilities

None.

# Segment Design (PS&E)

None.

# Progress Report No. 22 From September 01, 2013 to September 30, 2013 Report Date: October 20, 2013

# Approvals and Deliverables this Month:

None.

### **Activities Next Month:**

# **Environmental Process**

Obtain Satisfactory for Further Processing.

# Survey

None.

# Geotechnical

None.

#### Utilities

None.

# Segment Design (PS&E)

None.

# Approvals and Deliverables next Month:

Obtain Satisfactory for Further Processing from FHWA.

#### Schedule:

Program Schedule is monitoring environmental assessment. These efforts are now behind schedule when compared against the baseline timetables, previously discussed with the County.

#### **Projection Report:**

Segment Design is now on hold as we await resolution of FHWA comments on the EA, TxDOT comments on 60% submittals, and METRO right of way acquisition MOU.

#### Issues and Concerns:

- Coordination with METRO to identify property to be acquired.
- Finalizing Toll Collection points and Ramp locations with FBCTRA.
- Development of the Program cost-sharing plan between FBC and FBCTRA.
- Coordination with TxDOT to receive and address review comments.

# Progress Report No. 22 From September 01, 2013 to September 30, 2013 Report Date: October 20, 2013

# Assessment:

Our efforts are focused on obtaining environmental clearance in order to proceed with design of the project.

David R. Milner, P.E.

# **Progress Report No. 17** From September 01, 2013 to September 30, 2013

Report Date: October 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 September were on hold as we await the MOU between the City of Fulshear and Private Developers. We met with affected property owners to discuss alternatives to the September 2012 Public Meeting Schematic.

#### Activities This Month:

### **Environmental Process**

 Completed development of Draft Environmental Assessment (EA) in December 2012 based on locally preferred alternative as identified by the City of Fulshear in November 2011.

#### Survey

None.

# Geotechnical

None.

#### **Schematic**

Completed Schematic for submittal to TxDOT in December 2012 based on locally preferred alternative as identified by the City of Fulshear in November 2011.

#### **Hydraulic Impact Report**

Completed Hydraulic Impact Report for submittal to TxDOT in December 2012 based on locally preferred alternative as identified by the City of Fulshear in November 2011.

#### Utilities

None

#### Approvals and Deliverables this Month:

Receipt of agreement between the City of Fulshear and property owners.

# Progress Report No. 17 From September 01, 2013 to September 30, 2013 Report Date: October 10, 2013

#### **Activities Next Month:**

#### **Environmental Process**

None pending further direction.

### Survey

None.

#### Geotechnical

None.

# **Schematic**

None pending further direction.

# **Hydraulic Impact Report**

None pending further direction.

# **Utilities**

None

# 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.

#### 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.

# Progress Report No. 17 From September 01, 2013 to September 30, 2013 Report Date: October 10, 2013

# 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. We anticipate resolution of the alignment by the end of 2013, at which time we can move forward with preliminary design.

David R. Milner, P.E.

DANNENBAUM ENGINEERING CORPORATION AUTO MILEAGE RECORD

David Milner

	PROJECT	DATE		NODO	ODOMETER		!	TOLLS,
DESTINATION	NUMBER	MONTH	DAY	BEGIN	END	MILES	AMOON	PARKING
FM1093	4593.01	00	12	20,551	20,583	32 V	\$18.08	
FM1093	4593.01	œ	28	30,089	30,180	91	\$51.42	
FM1093	4593.01	8	29	20,636	20,681	45 V	\$25.43	
BCT PMC	4660.01	∞	29	20,681	20,707	26	\$14.69	
FM1093	4593.01	6	4	20,742	20,770	28	\$15.82	0.1
Ship Channel Bridge	4742,01	O	4	20,770	20,797	27	\$15.26	
FM1093	4593.01	6	9	20,871	20,965	94 /	\$53.11	
Ship Channel Bridge	4742.01	o	10	21,041	21,068	27 V	\$15.26	6
Ship Channel Bridge	4742.01	6	11	21,073	21,101	28 ₪	\$15.82	01
FBC Function	9201.01	6	12	21,106	21,182	√ 9/2	\$42.94	
BCT PMC	4660.01	o	13	21,186	21,249	63	\$35.60	0
HC Function	9201.01	6	13	21,249	21,322	73 V	\$41.25	2
BCT PMC	4660.01	6	17	21,365	21,395	30 /	\$16.95	2
BCT PMC	4660.01	6	18	21,407	21,480	73 /	\$41.25	2
4593.01	290							
4742.01	82							
4660.01	192							
9201.01	149							
	713							
					TOTAL	713	\$402.85	
							(3	

# DANNENBAUM ENGINEERING CORPORATION

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ENGINEERING EXCELLENCE SINCE 1945

EASE RETURN

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

Invoice Date:

October 23, 2013

Invoice Period: 09/01/13 Through 09/30/13

Invoice Number:

459301/22/11

# 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

P.O. Number 85425

Mobility Bond Project #748

		TOTAL	PERCENT	Г	AMOUNTS	F	PREVIOUSLY	Г	CURRENT
DESCRIPTION OF WORK TASK		CONTRACT	COMPLETE		EARNED	١.	INVOICED		INVOICE
DESCRIPTION OF WORK PAOR		AMOUNTS	TO DATE		TO DATE		AMOUNTS		AMOUNTS
	计	7.11.001170	100/112	-			7.11.001.11.0		
Pre-Award Costs		100 000 00	400 000/		100 000 00	-	400 000 00	_	
Dannenbaum Engineering Corporation Subtotal Pre-Award Costs	\$	100,000.00	100.00%	\$	100,000.00	\$	100,000.00	\$	
Subtotal Fre-Award Costs	2	100,000.00		à	100,000.00	1 2	100,000.00	2	-
PHASE I									
Advanced Planning									
Environmental / NEPA (Jacobs)	\$	189,506.00	78.22%	\$	148,227.24	\$	148,227.24	\$	3 <b>4</b> 5
Schematic Design (Klotz)	\$	181,731.00	100.00%			\$	181,731.00	\$	-
Drainage Impact Report (Klotz)	\$	182,020.00	100.00%	\$	182,020.00	\$	182,020.00	\$	·
Management & Engineering									
Management (DEC) (See attached for breakdown)	\$	982,806.93	60.01%			\$	579,302.79	\$	10,442.87
Segment D Design (Costello)		1,059,381.16	55.20%			\$	584,796.51	\$	-
Segment C Design (BBI)	\$	948,500.00	56.65%			\$	537,360.69	\$	-
Segment B Design (Halff) TCP Design (Klotz)	\$	370,757.00	68.09%	- 53		\$	252,441.07	\$	-
Traffic Engineering (Tedsi - Signing & Signals)	S	284,040.00 208,176.00	70.00% 47.77%			\$	198,828.00 99,439.94	\$	-
		200,170.00			33,433.34		33,433.34		253
Construction Management, Inspection & Material Testing	\$	-	0.00%	\$	<b>2</b> €00	\$	-	\$	-
Extras				0:52				00395	
Survey (Weisser)	\$	262,180.00	95.47%	7.0	250,309.21	\$	250,309.21	\$	-
ROW Parcel Mapping (Weisser)	\$	90,000.00	100.00%		90,000.00	\$	90,000.00	\$	-
Geotechnical (HTS) Signal Warrant Studies (Tedsi)	\$	100,000.00	91.33%	100	91,333.00	\$	91,333.00	\$	
Utility Coordination (DEC) (See attached for breakdown)	\$	2,820.00 116,451.55	100.00% 61.67%		2,820.00 71,818.90	\$	2,820.00 71,818.90	\$	
Utility Locating - SUE (LTRA)	\$	63,565.82	100.00%		63,565.82	\$	63,565.82	\$	-
Direct Expenses (DEC) (See attached for breakdown)	s	14.689.54	29.27%		4,298.99	\$	4,135.14	\$	163.85
Subtotal PHASE I	\$	5,056,625.00			3,348,736.03	\$	3,338,129.31	\$	10,606.72
PHASE II	1								
Advanced Planning									
Environmental (Klotz)	\$	297,135.00	90.00%	2000	267,420.83	\$	267,420.83	\$	-
Schematic Design (Klotz) Drainage Impact Report (Klotz)	\$	116,100.00 76,555.00	95.00% 95.00%	000	110,295.00 72,727.25	\$ 5	110,295.00 72,727.25	\$	.5.
	,	70,333.00	93.0076	Ψ	12,121.25	Ψ	12,121.25	Ψ	- 1
Management & Engineering		000 540 00	70.050	_	044 000 00	_	040 040 05	_	0.000.05
Management (DEC) (See attached for breakdown) Segment B - Section 1 Design (Halff)	\$	280,546.00 586,500.00	76.35% 0.00%		214,209.20	\$	210,319.25	\$	3,889.95
Segment B - Section 1 Design (DEC) (See attached for breakdown)	\$	443,710.00	0.00%	110000	604.50	\$	604.50	\$	
Segment A Design (CivilCorp)	Š	536,527.00	0.00%	10000	-	\$	-	\$	
TCP Design (DEC) (See attached for breakdown)	\$	287,808.00	1.93%	7.7	5,541.25	\$	5,541.25	\$	-
Traffic Engineering (Tedsi - Signing & Signals)	\$	200,182.00	0.00%	\$	=	\$	-	\$	-
Construction Management, Inspection & Material Testing	\$		0.00%	\$	12	\$	12	\$	-
Extras									
Survey (Weisser)	\$	50,000.00	0.00%	\$	<b>=</b>	\$	( <b>-</b>	\$	-
ROW Parcel Mapping (Weisser)	\$	95,945.00	88.10%		84,527.55	\$	84,527.55	\$	-
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Utility Locating - SUE (LTRA) Direct Expenses (DEC) (See attached for breakdown)	\$	46,610.00	28.51%		13,287.03	\$	13,287.03	\$	*
Subtotal PHASE II	\$	25,000.00 3,250,340.00	3.48%	\$	869.35 836,939.21	\$	869.35 833,049.26	\$	3,889.95
	Ľ	0,200,040.00	81	Ψ	000,000.21	4	000,040.20	۳	0,000.00
TOTALS	\$	8,406,965.00	50.98%	\$	4,285,675.24	\$	4,271,178.57	\$	14,496.67
TOTALO	<u> </u>	-,,	20.0070]	*	.,===,=:===	-	.,,	_	, .00.07

TOTAL AMOUNT DUE THIS INVOICE: \$14,496.67