### DANNENBAUM ENGINEERING CORPORATION

ENGINEERING EXCELLENCE SINCE 1945

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

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

Invoice Date:

January 15, 2014 Invoice Period: 11/01/13 Through 12/31/13

Invoice Number:

459301/24/11

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

	Τ	TOTAL	PERCENT		AMOUNTS	P	REVIOUSLY		CURRENT
DESCRIPTION OF WORK TASK	1	CONTRACT	COMPLETE		EARNED		INVOICED		INVOICE
	<u> </u>	AMOUNTS	TO DATE		TO DATE	0	AMOUNTS		AMOUNTS
Pre-Award Costs				11.21					
Dannenbaum Engineering Corporation	\$	100,000.00	100.00%	_	100,000.00	\$	100,000.00	\$	
Subtotal Pre-Award Costs	\$	100,000.00	i sali-	\$	100,000.00	\$	100,000.00	\$	
PHASE I									
Advanced Planning									
Environmental / NEPA (Jacobs)	\$	189,506.00	78.22%	\$	148,227.24	\$	148,227.24	\$	-
Schematic Design (Klotz)	\$	181,731.00	100.00%	\$	181,731.00	\$	181,731.00	\$	2
Drainage Impact Report (Klotz)	\$	182,020.00	100.00%	\$	182,020.00	\$	182,020.00	\$	-
Additional Services									
Metro ROW Redesign - Schematic (Klotz)	\$	124,250.00	84.44%	\$	104,912.50	\$	84,385.00	\$	20,527.50
Metro ROW Redesign - Drainage Analysis (Klotz)	\$	50,750.00	82.93%	\$	42,087.50	\$	39,865.00	\$	2,222.50
Metro ROW Redesign - Schematic (DEC) (See attached for breakdown)	\$	80,000.00	94.84%		75,875.98	\$	69,858.31	\$	6,017.67
Metro ROW Redesign - Drainage Analysis (DEC) (See attached for breakdown)	\$	45,000.00	84.76%	\$	38,140.34	\$	36,464.27	\$	1,676.07
Management & Engineering									
Management (DEC) (See attached for breakdown)	\$	682,806.93	88.62%	s	605,116.69	\$	592,123.00	\$	12,993.69
Segment D Design (Costello)	11		55.20%		584,796.51	300	584,796.51	s	
Segment C Design (BBI)	\$	948,500.00	56.65%		537,360.69	100	537,360.69	\$	-
Segment B Design (Halff)	\$	370,757.00	68.09%		252,441.07		252,441.07	s	-
TCP Design (Klotz)	\$	284,040.00	70.00%		198,828.00		198,828.00	\$	-
Traffic Engineering (Tedsi - Signing & Signals)	\$	208,176.00	47.77%		99,439.94	\$	99,439.94	\$	-
Construction Management, Inspection & Material Testing	\$	-	0.00%	\$	-	\$	-	\$	3
Extras									
Survey (Weisser)	\$	262,180.00	95.47%	\$	250,309.21	\$	250,309.21	s	-
ROW Parcel Mapping (Weisser)	\$	90,000.00	100.00%		90,000.00		90,000.00	S	
Geotechnical (HTS)	\$	100,000.00	91.33%		91,333.00		91,333.00	s	-
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	s	-
Utility Locating - SUE (LTRA)	\$	63,565.82	100.00%		63,565.82		63,565.82	9.33	_
Direct Expenses (DEC) (See attached for breakdown)	\$	14,689.54	32.49%	s	4,772.38	\$	4,356.62	s	415.76
Subtotal PHASE I	-	5,056,625.00	92.1070	-	3,625,596.77	-	3,581,743.58	\$	43,853.19
PHASE II									
Advanced Planning									
Environmental (Klotz)	\$	297,135.00	90.00%	\$	267,420.83	\$	267,420.83	\$	-
Schematic Design (Klotz)	\$	116,100.00	95.00%		110,295.00	\$	110,295.00	\$	
Drainage Impact Report (Klotz)	s	76,555.00	95.00%		72,727.25	\$	72,727.25	\$	-
	*	70,555.00	95.00%	Ψ	12,121.25	۳	12,121.25	"	
Management & Engineering Management (DEC) (See attached for breakdown)	s	280,546.00	81.69%	•	229,180,81	\$	220,417.69	\$	8,763.12
Segment B - Section 1 Design (Halff)	\$	586,500.00	0.00%	2000	229,100.01	\$	220,417.09	\$	0,703.12
Segment B - Section 1 Design (Hain) Segment B - Section 2 Design (DEC) (See attached for breakdown)	S	443,710.00	0.00%	2.00	604.50	\$	604.50	\$	
Segment A Design (CivilCorp)	\$	536,527.00	0.14%	200	604.50	\$	604.50	\$	
TCP Design (DEC) (See attached for breakdown)	\$	287,808.00	1.93%	200	5,541.25	\$	5,541.25	\$	-
Traffic Engineering (Tedsi - Signing & Signals)	\$	200,182.00	0.00%	1000	5,541.25	\$	5,541.25	\$	
Construction Management, Inspection & Material Testing	\$	,	0.00%		V.	\$	-	\$	_
Extras			0.0070	*		•		*	
Survey (Weisser)	\$	50,000.00	0.00%	\$		\$		\$	-
ROW Parcel Mapping (Weisser)	\$	95,945.00	88.10%		84,527.55	0.77	84,527.55	2.000	-
Geotechnical (HTS)	\$	115,000.00	57.78%		66,451.00	- 0.0	66,451.00	1000	-
Utility Coordination (DEC) (See attached for breakdown)	\$	92,722.00	1.09%		1,006.25		1,006.25	\$	-
Utility Locating - SUE (LTRA)	\$	46,610.00	28.51%		13,287.03	371	13,287.03	1	
Direct Expenses (DEC) (See attached for breakdown)	\$	25,000.00	3.48%		869.35	\$	869.35	\$	-
Subtotal PHASE II		3,250,340.00	0.1070	\$	851,910.82	-			8,763.12
	F			L		<u></u>		_	
TOTAL	S \$	8,406,965.00	54.45%	\$	4,577,507.59	\$	4,524,891.28	\$	52,616.31

TOTAL AMOUNT DUE THIS INVOICE:

\$52,616.31

DESCRIPTION OF WORK TASK		HOURS/UNITS	RATE	Α	MOUNT
Details for Dannenbaum Engineering Corporation					
Management & Engineering Phase I Management (DEC)					
David Milner, Project Manager Michael Kaspar, Project Engineer Johan Petterson, Project Engineer Tyson Arnold, Project Engineer Tuan Nguyen, Clerical	Subtotal	32.00 8.00 10.00 7.00 2.75 59.75	\$ 313.10 152.37 104.06 86.25 40.43	\$	10,019.20 1,218.96 1,040.60 603.75 111.18 12,993.69
Additional Services - Metro ROW Redesign Schematic (DEC)		33.73		*	, 2,000.00
David Milner, Project Manager Michael Kaspar, Project Engineer	Subtotal	9.00 21.00 30.00	\$ 313.10 152.37	\$	2,817.90 3,199.77 6,017.67
Additional Services - Metro ROW Redesign Drainage Analysis (DEC)					
Michael Kaspar, Project Engineer	Subtotal	11.00 11.00	\$ 152.37	\$	1,676.07 1,676.07
Direct Expenses - Phase I					
D. Milner - Mileage M. Kaspar - Mileage J. Petterson - Mileage J. Petterson - Toll Charges		316.00 100.00 301.00	\$ 0.565 0.565 0.565	\$	178.54 56.50 170.07 10.65
Management & Engineering Phase II Management (DEC)	Subtotal			\$	415.76
David Milner, Project Manager Michael Kaspar, Project Engineer Urbano Herrera, Senior Engineering Technician Heather Arcolas, Clerical	Subtotal	12.00 17.00 22.00 2.25 53.25	\$ 313.10 152.37 100.75 88.50	\$	3,757.20 2,590.29 2,216.50 199.13 8,763.12
	TOTAL			\$	29,866.31

# Progress Report No. 24 From November 01, 2013 to December 31, 2013 Report Date: January 15, 2014

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 primary focus in November and December was advancement of the Draft Environmental Assessment (EA). We coordinated with TxDOT and FHWA to provide comment responses and move toward a finding of Satisfactory for Further Processing (SFP). We anticipate obtaining the SFP by the end January 2014.

During this time we also coordinated with Fort Bend County to revise the roadway schematic and hydraulic impact analysis design based on acquisition of METRO's 100' Right of Way (ROW) through the project limits. Efforts included revising horizontal and vertical geometry, typical sections, cross sections, drainage areas, ditch geometry, storm sewer trunklines, and all other design elements in preparation for re-submittal to TxDOT following approval of the EA. We also finalized necessary revisions related to the Lakes of Bella Terra Development.

A more detailed list of activities is shown below.

### **Activities This Month:**

### **Environmental Process**

- Received review comments from FHWA on December 5.
- Provided comment responses and revised EA back to TxDOT on December 18.
- Coordinated with FHWA and TxDOT to monitor approval status.

### **Schematic**

- Revised conceptual design to utilize 100' METRO ROW to address Fort Bend County comments.
- Coordinated with Fort Bend County to review design alternatives.

### **Hydraulic Impact Report**

- Coordinated with Fort Bend County to review drainage concepts.
- Revised previously approved Hydraulic Impact Report based on selected drainage concept.

### Utilities

None.

# Progress Report No. 24 From November 01, 2013 to December 31, 2013 Report Date: January 15, 2014

### Segment Design (PS&E)

None.

### Approvals and Deliverables this Month:

None.

### **Activities Next Month:**

### **Environmental Process**

- Obtain Satisfactory for Further Processing.
- Issue notices affording an opportunity for public hearing (NAOPH).

### Survey

None.

### **Schematic**

- Respond to comments from the County
- Develop alternatives as needed to address review comments.

### **Hydraulic Impact Report**

- Respond to comments from the County
- Develop alternatives as needed to address review comments.

### 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 and METRO right of way acquisition MOU.

# Progress Report No. 24 From November 01, 2013 to December 31, 2013 Report Date: January 15, 2014

### 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.

### 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. 18 From November 01, 2013 to December 31, 2013 Report Date: January 15, 2014

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:

Major design efforts in November and December were on hold as we await the MOU between the City of Fulshear and Private Developers. We met with Fort Bend County and Trend Development to discuss options through Fulshear near the intersection of FM 1093 and FM 359. Following this meeting we advanced the design in this area in preparation for future coordination with the Developers.

### **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.
- Advanced design through Fulshear as requested by Fort Bend County at December 12 meeting with Trend Development.

### 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

# Progress Report No. 18 From November 01, 2013 to December 31, 2013 Report Date: January 15, 2014

### Approvals and Deliverables this Month:

None.

### **Activities Next Month:**

### **Environmental Process**

None pending further direction.

### Survey

None.

### Geotechnical

None.

### **Schematic**

Meet with Trend Development to discuss design in Fulshear.

### **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. 18 From November 01, 2013 to December 31, 2013 Report Date: January 15, 2014

### 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.

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City of Houston Function	9201.01	10	22	22,994	23,017	23 🗸	\$13.00	
Ship Channel Bridge	4742.01	10	24	23,042	23,070	28	\$15.82	
Ship Channel Bridge	4742.01	11	9	23,143	23,171	28	\$15.82	
FM1093	4593.01	11	9	23,171	23,260	89	\$50.29	
BCTPMC	4660.01	11	12	23,310	23,343	33 ,	\$18.65	
State of Port Lunch	9201.01	11	14	23,373	23,383	10 /	\$5.65	
CEC Lunch	9201.01	11	15	23,393	23,399	9	\$3.39	
9201.01		39						
4742.01		56						
4593.01		88						
4660.01		33						
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DESTINATION   PROJECT   DATE   ODDOMETER   MILES   AMOUNT   MIMBER MONTH   DAY   BEGIN   END   MILES   AMOUNT   MIMBER MONTH   DAY   BEGIN   END   MILES   AMOUNT   MIMBER MONTH   DAY   BEGIN   END   MILES   MOUNT   MIMBER MONTH   DAY   BEGIN   END   MILES   MOUNT   MILES   MOUNT   MOU	D. Milner	Š		AUTO	AUTO MILEAGE RECORD	ORD SORD	Š		
Microp - King Feb   23,447   23,447   25,447	MOLENIAL	PROJECT	DA.	巴巴	NODO	METER	L	FINITOPAN	TOLLS,
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nnel Bridge - Field rour	Seneral Mrking - King Fab	9201.01	11	18	23,437	23,487	20 /	\$28.28	10
1	Ship Channel Bridge	4742.01	7	18	23,487	23,499	12	\$2.9\$	
11   20   23,539   23,602   63 \	BCT PMC	4660.01	11	19	23,499	23,534	35 🐧	\$19.78	
Mrking - Fort Bend Cnty Function 9201.01 11 23 23,659 23,749 90 6 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9	Ship Channel Bridge - Field tour	4742.01	11	20	23,539	23,602	63	\$35.60	
Witking - Fort Bend Cnrty Function         9201.01         11         23         23,656         23,749         90         48           4593.01         11         25         23,739         23,845         106         4           1         4593.01         12         2         24,005         24,774         5           1         4593.01         12         6         24,182         24,174         32         4           1         4593.01         12         6         24,223         24,214         32         4         5           1         4590.01         12         10         24,281         25         4         5<	Ship Channel Bridge	4742.01	11	21	23,621	23,650	29 💉	\$16.3	
4683.01   11   25   23,739   23,945   106   24   24   24   24   24   24   24   2	Seneral Mrking - Fort Bend Cnty Function	9201.01	11	23	23,659	23,749	06	\$50.8	10
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Innel Horiel 4742.01 12 6 24,182 24,248 25 \( \)  Compared to the final bridge bound of the fina	FM1093	4593.01	12	4	24,103	24,177	74	\$41.8	
Innel Hories	Ship Channel	4742.01	12	2	24,182	24,214	32	\$18.0	
Tation Mirkg  201.01 12 10 24,324 33 \ 8 \ 8 \ 8 \ 8 \ 8 \ 8 \ 8 \ 8 \ 8	Ship Channel	4742.01	12	9	24,223	24,248	. 52	\$14.1	
tation Mrkg annel Bridge  4742.01 12 11 24,384 10 √  227  227  68  150  162  627  627  627  627  627  627  627	BCT PMC	4660.01	12	10	24,291	24,324	33	\$18.6	10
nmel Bridge 4742.01 12 11 24,384 24,385 21 ✓  227 68 68 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6	Transportation Mrkg	9201.01	12	10	24,324	24,334	10	\$5.6	10
227	Ship Channel Bridge	4742.01	12	11	24,364	24,385	21	\$11.8	
227   68   68   68   69   69   69   69   69								91	
150	4593.01	227							
150   150   160   182   182   182   183   184   185   184	4660.01	89			9				
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m. Kaspar

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4269-06 4269-07 4269-07 4269-07 4269-07 4593-01 8 4269-06 4593-01 4593-01	7	81,303	81,308	2	\$2.83	
4269-07 4269-07 4269-07 4269-07 4593-01 1s 4269-06 4269-06 4593-01	7	81,308	81,319	11	\$6.22	
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4269-07 4269-07 4593-01 18 4269-07 4269-06 4593-01 4593-01	19	81,787	81,806	19	\$10.74	
4269-07 4593-01 15 4269-07 4269-06 4593-01 4593-01	21	81,934	81,944	10 \	\$5.65	
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4269-07 4269-06 4593-01 4593-01	4	82,234	82,264	30	\$16.95	
4269-06 4593-01 4593-01	5	82,284	82,311	27	\$15.26	\$3.00
4593-01	11	82,759	82,770	11	\$6.22	
4593-01	11	82,770	82,779	^ 6	\$5.09	
111111111111111111111111111111111111111	12	82,821	82,852	31	\$17.52	
METRO North Corridor - Deliver Plans 4269-06   December	13	82,894	82,904	10	\$5.65	
					,	
			TOTAL	L 256 V	\$144.64	\$13.00

\* - No Receipt. Cash paid on surface lot downtown.

DESTINATION								
	PROJECT	DATE	丑	ODON	ODOMETER	MII II	TIMIOMA	TOLLS,
	NUMBER	MONTH	DAY	BEGIN	END	IVIILES	AMOONI	PARKING
Fort Bend	4593-01	10	30	5,801	5,943	142	\$80.23	\$4.20
TxDOT La Marque	4643-55	10	31	5,982	6,064	82	\$46.33	
Hess	9216-02	11	-	6,104	6,112	8	\$4.52	
Fort Bend	4593-01	11	4	6,537	969'9	159 🗸	\$89.84	\$6.45
SH3 &FM646	4643-55	11	9	6,765	6,841	76 /	\$42.94	
TxDOT	4750-51	11	80	6,915	6,924	6	\$5.09	
TXDOT & TCEQ	4750-51	11	8	6,924	6,957	33 ./	\$18.65	
Longwood	9216-02	11	1	7,497	7,550	53 /	\$29.95	
					TOTAL	295 √	\$317.58	\$10.65

## AN C. PETTERSON

2 TAG Account: 1501246 Balance: \$16.82 as of November 18, 2013

# Account Activity – Account Transactions add download into Excel a print turn off print preview

Show	All Transactions		•	for	TX-CDK7951 ▼
from	10/29/2013	through	11/0	5/2013	3
Sea	arch				

Please Note: Transactions may take several business days to post to your EZ TAG Account.

**Account Transactions** 

Total Amount: \$-15.03

Toll Charges

(based on your filtered transactions)

	5 Mar. 1. 1.	Crioning					
Transaction  Date/Time	Posted Date/Time	Vehicle	Axle Count	Location	Description	Amount	:
10/30/2013 07:38	10/30/2013 08:08	Sierra New	2	Westpark - Hillcroft Mainline West	Toll	\$	-1.45
10/30/2013 07:42	10/30/2013 08:12	Sierra New	2	Westpark - Boone Rd. Mainline W	Toll	\$	-1.45
10/30/2013 07:51	10/30/2013 08:22	Sierra New	2	Ft. Bend - Westpark Extension - Mainline	Toll	\$	-0.65
10/30/2013 07:53	10/30/2013 08:28	Sierra New	2	Ft. Bend - Westpark Extension - Mainline	Toll	\$	-0.65
10/30/2013 14:44	10/30/2013 14:48	Sierra New	2	KTY EB @ Eldridge	Toll	\$	0.00
10/30/2013 14:50	10/30/2013 14:53	Sierra New	2	KTY EB @ Wirt	Toll	\$	0.00
11/02/2013 14:37	11/04/2013 02:30	Sierra New	2	SH45SE Mainline Plaza EB	Toll	\$	-1.00
11/02/2013 14:46	11/04/2013 02:30	Sierra New	2	Airport Plaza L08	Toll	\$	-1.69
11/02/2013 14:51	11/04/2013 02:30	Sierra New	2	Decker Creek Plaza L10	Toll	\$	-1.69
11/04/2013 10:06	11/04/2013 10:51	Sierra New	2	Westpark - Westpark ON Ramp	Toll	\$	-0.40
	Date/Time  10/30/2013 07:38  10/30/2013 07:42  10/30/2013 07:51  10/30/2013 10/30/2013 14:44  10/30/2013 14:50  11/02/2013 14:46  11/02/2013 14:51  11/04/2013	Date/Time         Date/Time           10/30/2013         10/30/2013           07:38         08:08           10/30/2013         10/30/2013           07:42         08:12           10/30/2013         10/30/2013           07:51         08:22           10/30/2013         10/30/2013           07:53         08:28           10/30/2013         10/30/2013           14:44         14:48           10/30/2013         10/30/2013           14:50         14:53           11/02/2013         11/04/2013           14:46         02:30           11/02/2013         11/04/2013           14:51         02:30           11/04/2013         11/04/2013           11/04/2013         11/04/2013	Date/Time         Vehicle           10/30/2013         10/30/2013         Sierra           07:38         08:08         New           10/30/2013         10/30/2013         Sierra           07:42         08:12         New           10/30/2013         10/30/2013         Sierra           07:51         08:22         New           10/30/2013         10/30/2013         Sierra           07:53         08:28         New           10/30/2013         10/30/2013         Sierra           14:44         14:48         New           10/30/2013         10/30/2013         Sierra           14:50         14:53         New           11/02/2013         11/04/2013         Sierra           14:37         02:30         New           11/02/2013         11/04/2013         Sierra           14:46         02:30         New           11/02/2013         11/04/2013         Sierra           14:51         02:30         New	Date/Time         Date/Time         Vehicle         Count           10/30/2013         10/30/2013         Sierra         2           07:38         08:08         New         2           10/30/2013         10/30/2013         Sierra         2           07:42         08:12         New         2           10/30/2013         10/30/2013         Sierra         2           07:51         08:22         New         2           10/30/2013         10/30/2013         Sierra         2           10/30/2013         10/30/2013         Sierra         2           11/030/2013         10/30/2013         Sierra         2           11/02/2013         11/04/2013         Sierra         2           11/04/2013         Sierra         2           11/04/2013         Sierra         2           11/04/2013         Sierra         2           11/04/2013	Date/Time         Date/Time         Vehicle         Count         Location           10/30/2013         10/30/2013         Sierra         2         Westpark - Hillcroft Mainline West           10/30/2013         10/30/2013         Sierra         2         Westpark - Boone Rd. Mainline W           10/30/2013         10/30/2013         Sierra         2         Ft. Bend - Westpark Extension - Mainline           10/30/2013         10/30/2013         Sierra         2         Ft. Bend - Westpark Extension - Mainline           10/30/2013         10/30/2013         Sierra         2         Ft. Bend - Westpark Extension - Mainline           10/30/2013         10/30/2013         Sierra         2         KTY EB @ Eldridge           10/30/2013         14:44         New         New         Sierra         2         SH45SE Mainline Plaza EB           11/02/2013         11/04/2013         Sierra         2         SH45SE Mainline Plaza EB           11/02/2013         11/04/2013         Sierra         2         Airport Plaza L08           11/02/2013         11/04/2013         Sierra         2         Decker Creek Plaza L10           11/04/2013         3ierra         2         Decker Creek Plaza L10	Date/Time         Date/Time         Vehicle         Count         Location         Description           10/30/2013 07:38         10/30/2013 08:08         Sierra New         2         Westpark - Hillcroft Mainline West         Toll           10/30/2013 07:42         10/30/2013 08:12         Sierra New         2         Westpark - Boone Rd. Mainline W         Toll           10/30/2013 07:51         10/30/2013 08:22         Sierra New         2         Ft. Bend - Westpark Extension - Mainline         Toll           10/30/2013 07:53         10/30/2013 08:28         Sierra New         2         KTY EB @ Eldridge         Toll           10/30/2013 14:44         10/30/2013 14:48         Sierra New         2         KTY EB @ Wirt         Toll           11/02/2013 14:50         11/04/2013 14:53         Sierra New         2         SH45SE Mainline Plaza EB New         Toll           11/02/2013 14:46         11/04/2013 02:30         Sierra New         2         Airport Plaza L08 New         Toll           11/02/2013 14:51         11/04/2013 02:30         Sierra New         2         Decker Creek Plaza L10 New         Toll           11/04/2013 14:51         11/04/2013 02:30         Sierra New         2         Westpark - Westpark - Westpark ON         Toll	Date/Time         Date/Time         Vehicle         Count         Location         Description         Amount           10/30/2013         10/30/2013         Sierra New         2         Westpark - Hillcroft Mainline West         Toll         \$           10/30/2013         10/30/2013         Sierra New         2         Westpark - Boone Rd. Mainline W         Toll         \$           10/30/2013         10/30/2013         Sierra New         2         Ft. Bend - Westpark Extension - Mainline         Toll         \$           10/30/2013         10/30/2013         Sierra New         2         Ft. Bend - Westpark Extension - Mainline         Toll         \$           10/30/2013         10/30/2013         Sierra New         2         KTY EB @ Eldridge         Toll         \$           10/30/2013         14:44         New         2         SH45SE Mainline Plaza EB         Toll         \$           11/02/2013         11/04/2013         Sierra New         2         Airport Plaza L08         Toll         \$           11/02/2013         11/04/2013         Sierra New         2         Decker Creek Plaza L10         Toll         \$           11/02/2013         11/04/2013         Sierra New         2         Decker Creek Plaza L10         Toll         <

- ;	J. Petters	on continu	ed. nsactions : Ac	count Activ	ity: EZ AccountHarris CountyToll Road A	uthority	
_	11/04/2013	11/04/2013 10:53	Sierra New	2	Westpark - Hillcroft Mainline West	Toll	\$ -1.45
12	11/04/2013 10:19	11/04/2013 11:02	Sierra New	2	Ft. Bend - Westpark Extension - Mainline	Toll	\$ -0.65
13	11/04/2013 10:21	11/04/2013 11:00	Sierra New	2	Ft. Bend - Westpark Extension - Mainline	Toll	\$ -0.65
14	11/04/2013 15:31	11/04/2013 15:37	Sierra New	2	Westpark - Boone Rd. Mainline E	Toll	\$ -1.45
15	11/04/2013 15:34	11/04/2013 15:42	Sierra New	****	Westpark - Hillcroft Mainline East	Toll	\$ -1.45
	11/04/2013	11/04/2013	Sierra	2	Westpark - Westpark OFF	Toll	\$ -0.40

Ramp

Total \$ 10.45

Privacy Policy | Webmaster

15:45

15:38

Call Customer Service at 281-875-EASY (3279) - M-F 7:30AM - 5:30PM & Sat 8:00AM - 4:30PM or visit us at one of our convenient storefront  $\underline{locations}$ . Harris County Toll Road Authority © 2007-2010. All Rights Reserved.

New

### DANNENBAUM ENGINEERING CORPORATION

ENGINEERING EXCELLENCE SINCE 1945

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

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

Invoice Date: Invoice Number:

January 15, 2014 Invoice Period: 11/01/13 Through 12/31/13

459301/24/11

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

	7	TOTAL	PERCENT		AMOUNTS	P	REVIOUSLY	Γ	CURRENT
DESCRIPTION OF WORK TASK		CONTRACT	COMPLETE		EARNED		INVOICED		INVOICE
	<u> </u>	AMOUNTS	TO DATE		TO DATE	_	AMOUNTS	L	AMOUNTS
Pre-Award Costs				30					
Dannenbaum Engineering Corporation	\$		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									
Environmental / NEPA (Jacobs)	\$		78.22%	1000	148,227.24	\$	148,227.24		i=
Schematic Design (Klotz)	\$		100.00%		181,731.00	\$	181,731.00		
Drainage Impact Report (Klotz)	*	182,020.00	100.00%	\$	182,020.00	\$	182,020.00	1 4	
Additional Services		404.050.00	04.440/	_	101 010 50	_	04.005.00	_	00 507 50
Metro ROW Redesign - Schematic (Klotz) Metro ROW Redesign - Drainage Analysis (Klotz)	\$		84.44% 82.93%		104,912.50 42,087.50	\$	84,385.00 39,865.00	\$	20,527.50
Metro ROW Redesign - Schematic (DEC) (See attached for breakdown)	s		94.84%		75,875.98	\$	69,858.31	100	6,017.67
Metro ROW Redesign - Drainage Analysis (DEC) (See attached for breakdown)	\$		84.76%		38,140.34	\$	36,464.27		1,676.07
Management & Engineering									
Management (DEC) (See attached for breakdown)	\$	682,806.93	88.62%	\$	605,116.69	\$	592,123.00	\$	12,993.69
Segment D Design (Costello)	\$	1,059,381.16	55.20%		584,796.51	\$	584,796.51	\$	-
Segment C Design (BBI)	\$		56.65%		537,360.69	\$	537,360.69	0.00	-
Segment B Design (Halff) TCP Design (Klotz)	\$		68.09%	3335	252,441.07	\$	252,441.07	\$	-
Traffic Engineering (Tedsi - Signing & Signals)	\$		70.00% 47.77%		198,828.00 99,439.94	\$	198,828.00 99,439.94	\$	<u> </u>
NEW DENIES VERSES After 11 HOUSENESS IN VERSES IN PROTECTS AND			0.0000000000000000000000000000000000000		33,433.34	L	33,433.34	10000	
Construction Management, Inspection & Material Testing	\$	-	0.00%	\$	-	\$	-	\$	-
Extras		ALON PATRICIPAL TO AND		V-120					
Survey (Weisser)	\$		95.47%		250,309.21	\$	250,309.21	\$	170
ROW Parcel Mapping (Weisser) Geotechnical (HTS)	\$		100.00% 91.33%		90,000.00 91,333.00	\$	90,000.00	\$	-
Signal Warrant Studies (Tedsi)	\$		100.00%		2,820.00	\$	2,820.00	\$	
Utility Coordination (DEC) (See attached for breakdown)	\$		61.67%	00000	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)	\$		32.49%	\$	4,772.38	\$	4,356.62	_	415.76
Subtotal PHASE I	5	5,056,625.00		\$	3,625,596.77	\$	3,581,743.58	\$	43,853.19
PHASE II	1				1				
Advanced Planning									
Environmental (Klotz)	\$	297,135.00	90.00%	\$	267,420.83	\$	267,420.83	\$	2
Schematic Design (Klotz)	\$	116,100.00	95.00%		110,295.00	\$	110,295.00	\$	H
Drainage Impact Report (Klotz)	\$	76,555.00	95.00%	\$	72,727.25	\$	72,727.25	\$	7.
Management & Engineering			2000				ener nemero	100	
Management (DEC) (See attached for breakdown)	\$		81.69%		229,180.81	\$	220,417.69	\$	8,763.12
Segment B - Section 1 Design (Halff) Segment B - Section 2 Design (DEC) (See attached for breakdown)	\$	586,500.00 443,710.00	0.00% 0.14%		604.50	\$	604.50	\$	-
Segment A Design (CivilCorp)	\$	536,527.00	0.00%		604.50	\$	004.50	5	
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%	\$	-	\$	-	\$	2
Construction Management, Inspection & Material Testing	\$	-	0.00%	\$	- 1	\$	-	\$	
Extras							200		
Survey (Weisser)	s	50,000.00	0.00%	\$	- 1	\$		\$	2
ROW Parcel Mapping (Weisser)	\$	95,945.00	88.10%		84,527.55	\$	84,527.55	\$	27
Geotechnical (HTS)	\$	115,000.00	57.78%		66,451.00	\$	66,451.00	\$	7.
Utility Coordination (DEC) (See attached for breakdown)	\$	92,722.00	1.09%		1,006.25	\$	1,006.25	\$	5
Utility Locating - SUE (LTRA) Direct Expenses (DEC) (See attached for breakdown)	\$	46,610.00 25,000.00	28.51% 3.48%		13,287.03 869.35	\$	13,287.03 869.35	\$	
Subtotal PHASE II	1	3,250,340.00	3.40%	\$	851,910.82	\$	843,147.70	\$	8,763.12
	L					_			
TOTAL	\$	8,406,965.00	54.45%	\$ .	4,577,507.59	\$	4,524,891.28	\$	52,616.31

TOTAL AMOUNT DUE THIS INVOICE: \$52,616.31