

# 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/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

Mobility Bond Project #748

DESCRIPTION OF WORK TASK	TOTAL CONTRACT AMOUNTS	PERCENT COMPLETE TO DATE	AMOUNTS EARNED TO DATE	PREVIOUSLY INVOICED AMOUNTS	CURRENT INVOICE AMOUNTS
<b>Pre-Award Costs</b>					
Dannenbaum Engineering Corporation	\$ 100,000.00	100.00%	\$ 100,000.00	\$ 100,000.00	\$ -
<b>PHASE I</b>					
<b>Advanced Planning</b>					
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	\$ -
<b>Management &amp; Engineering</b>					
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 (Half)	\$ 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	\$ -
Traffic Engineering (Teds - Signing & Signals)	\$ 208,176.00	31.57%	\$ 65,723.98	\$ 55,895.49	\$ 9,828.49
<b>Construction Management, Inspection &amp; Material Testing</b>	\$ -	0.00%	\$ -	\$ -	\$ -
<b>Extras</b>					
Survey (Weisser)	\$ 272,180.00	91.51%	\$ 249,080.28	\$ 249,080.28	\$ -
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 (Teds)	\$ 2,820.00	100.00%	\$ 2,820.00	\$ 2,820.00	\$ -
Utility Coordination (DEC) (See attached for breakdown)	\$ 116,451.55	39.20%	\$ 45,644.61	\$ 45,644.61	\$ -
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
<b>PHASE II</b>					
<b>Advanced Planning</b>					
Environmental (Klotz)	\$ 297,135.00	90.00%	\$ 267,420.83	\$ 252,564.11	\$ 14,856.72
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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 (Half)	\$ 586,500.00	0.00%	\$ -	\$ -	\$ -
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<b>TOTALS</b>	<b>\$ 8,406,965.00</b>	<b>39.87%</b>	<b>\$ 3,352,070.37</b>	<b>\$ 3,165,829.52</b>	<b>\$ 186,240.85</b>

**TOTAL AMOUNT DUE THIS INVOICE: \$186,240.85**

DESCRIPTION OF WORK TASK	HOURS/UNITS	RATE	AMOUNT
<b>Details for Dannenbaum Engineering Corporation</b>			
<b>Management &amp; Engineering Phase I</b>			
Management (DEC)			
David Milner, Project Manager	23.50	\$ 313.10	\$ 7,357.85
Michael Kaspar, Project Engineer	28.00	143.75	4,025.00
Uttam Karmaker, Project Engineer	102.00	128.12	13,068.24
Heather Arcolas, Clerical	4.75	85.93	408.17
Tuan Nguyen, Clerical	5.50	38.52	211.86
Subtotal	163.75		\$ 25,071.12
<b>Direct Expenses - Phase I</b>			
Sonlife Corporation - Delivery Service			\$ 8.91
Gurrola Reprographics			725.33
Subtotal			\$ 734.24
<b>Management &amp; Engineering Phase II</b>			
Management (DEC)			
David Milner, Project Manager	29.50	\$ 313.10	\$ 9,236.45
Michael Kaspar, Project Engineer	28.00	143.75	4,025.00
Uttam Karmaker, Project Engineer	48.00	128.12	6,149.76
Urbano Herrera, Senior Engineering Technician	36.00	100.75	3,627.00
Tuan Nguyen, Clerical	1.00	38.52	38.52
Subtotal	142.50		\$ 23,076.73
<b>Direct Expenses - Phase II</b>			
D. Milner - Mileage	121.00	\$ 0.555	\$ 67.16
Subtotal			\$ 67.16
<b>TOTAL</b>			<b>\$ 48,949.25</b>

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

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**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**  
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**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**  
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**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**

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**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**  
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**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**  
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**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.

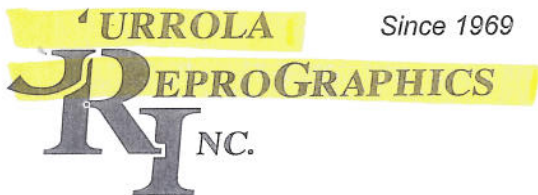
**Assessment:**

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.

A handwritten signature in black ink, appearing to read "David R. Milner", with a long horizontal flourish extending to the right.

David R. Milner, P.E.





Since 1969

(713) 861-4277

# INVOICE

INVOICE DATE	INVOICE NO.	PAGE
12/20/12	0000143767	1

gurrolareprographics.com

FC1

SOLD  
TO:

DANNENBAUM ENGINEERING  
3100 W. ALABAMA  
HOUSTON, TX 77098

SHIP  
TO:

ATTN: HEATHER

4593-01

Ph I

Westbank ORC.

ORDER NO.	ORDER DATE	CUSTOMER NO.	SALES PERSON	PURCHASE ORDER NO.	SHIP VIA	SHIP DATE	TERMS
57444		0024	KEN			12/20/12	NET 30 DAY
QUANTITY ORDERED	QUANTITY SHIPPED	UNIT	ITEM NO.	ITEM DESCRIPTION			UNIT PRICE
							EXTENDED PRICE
36		EA	0124	VINYL BACKS			36.00
36		EA	0125	CLEAR COVERS FRONT 11X17			36.00
36		EA	0138	SCREW POST BINDING			162.00
2907		EACH	0104	XEROX BOND 11 X 17 1 SIDED 20LB PAP			436.05



GUR 2910  
4593.01/4750.00

*Natalie E. Fittella*

Gurrola ReproGraphics thanks you for your business.

*me*

6161 Washington  
Houston, Texas 77007

SALES AMOUNT	670.05
MISC. CHARGES FREIGHT SALES TAX	55.28
<b>TOTAL</b>	725.33
	0.00
	725.33



SONLIFE CORPORATION  
P O BOX 90685  
HOUSTON, TEXAS 77290  
281-440-9800

Customer Number	104
Invoice Number	39732
Invoice Date	11/30/2012

Reference **4143-01**  
On Demand

Date Ready Order Type Deliver Date	Order ID Caller	Origin	Destination	References Billing Group
11/16/2012 1:18 PM Special	411456	Dannenbaum Engineering 3100 W Alabama St Houston TX 77098-2004	City of Houston 611 Walker St Fl 17 Houston TX 77002-4903	4143-01
11/16/2012 2:46 PM	Terttu Britton (713) 520-9570			
			Distance	\$0.00
			Special	\$7.75
			Pieces	\$0.00
			Weight	\$0.00
			Gasoline Surcharge	\$1.16
POD: M Mayorga			Order Total:	\$8.91
			On Demand Totals:	\$8.91
			Reference - 4269-06 Total:	\$8.91

Reference **4269-06**  
On Demand

Date Ready Order Type Deliver Date	Order ID Caller	Origin	Destination	References Billing Group
11/27/2012 2:32 PM Direct	411956	Dannenbaum Engineering 3100 W Alabama St Houston TX 77098-2004	Houston Rapid Transit, JV 800 Burnett St Houston TX 77009-8811	4269-06
11/27/2012 3:26 PM	heather arcolas (713) 527-6321			
			Distance	\$0.00
			Direct	\$10.50
			Pieces	\$0.00
			Weight	\$0.00
			Gasoline Surcharge	\$1.58
POD: Briggs			Order Total:	\$12.08
			On Demand Totals:	\$12.08
			Reference - 4269-06 Total:	\$12.08

Reference **4593-01**  
On Demand

Date Ready Order Type Deliver Date	Order ID Caller	Origin	Destination	References Billing Group
11/20/2012 1:46 PM Special	411690	Dannenbaum Engineering 3100 W Alabama St Houston TX 77098-2004	Texas Department of Transportation 7721 Washington Ave Houston TX 77007-1037	4593-01 Ph I
11/20/2012 2:43 PM	heather arcolas (713) 527-6321			
			Distance	\$0.00
			Special	\$7.75
			Pieces	\$0.00
			Weight	\$0.00
			Gasoline Surcharge	\$1.16
POD: C Thomas			Order Total:	\$8.91
			On Demand Totals:	\$8.91



~~\$621.93~~



David Milner

was not  
very good

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REMITTANCE COPY  
PLEASE RETURN

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