

70 85425
REC 376076 / 9-27-14

DANNENBAUM ENGINEERING CORPORATION

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

ENGINEERING
EXCELLENCE
SINCE
1945

ajp

Richard Stolleis, P.E.
Fort Bend County
301 Jackson Street
Richmond, Texas 77469-3108

Invoice Date: September 16, 2016
Invoice Period: 08/01/16 Through 08/31/16
Invoice Number: 459301/54/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 - 5
P.O. Number 85425
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
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					
Environmental / NEPA (Jacobs)	\$ 199,523.45	100.00%	\$ 199,523.45	\$ 199,523.45	\$ -
Environmental / NEPA (Jacobs) (Re-Evaluation)	\$ 206,476.00	92.14%	\$ 190,243.14	\$ 190,243.14	\$ -
Schematic Design (Klotz)	\$ 181,731.00	100.00%	\$ 181,731.00	\$ 181,731.00	\$ -
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	100.00%	\$ 124,250.00	\$ 124,250.00	\$ -
Metro ROW Redesign - Drainage Analysis (Klotz)	\$ 50,750.00	100.00%	\$ 50,750.00	\$ 50,750.00	\$ -
Metro ROW Redesign - Schematic (DEC) (See attached for breakdown)	\$ 80,000.00	100.00%	\$ 80,000.00	\$ 80,000.00	\$ -
Metro ROW Redesign - Drainage Analysis (DEC) (See attached for breakdown)	\$ 45,000.00	100.00%	\$ 45,000.00	\$ 45,000.00	\$ -
Management & Engineering					
Management (DEC) (See attached for breakdown)	\$ 1,185,373.44	99.94%	\$ 1,184,675.88	\$ 1,184,675.88	\$ -
Segment D Design (Costello)	\$ 1,469,342.10	100.00%	\$ 1,469,342.10	\$ 1,469,342.10	\$ -
Segment C Design (BBI)	\$ 1,376,703.72	100.00%	\$ 1,376,703.72	\$ 1,376,703.72	\$ -
Segment B Design (Half)	\$ 567,773.00	100.00%	\$ 567,773.00	\$ 567,773.00	\$ -
TCP Design (Klotz)	\$ 449,010.00	100.00%	\$ 449,010.00	\$ 449,010.00	\$ -
Traffic Engineering (Teds - Signing & Signals)	\$ 272,279.00	100.00%	\$ 272,279.00	\$ 272,279.00	\$ -
Post-Design Services					
Management (DEC) (See attached for breakdown)	\$ 175,920.00	49.78%	\$ 87,570.43	\$ 71,297.58	\$ 16,272.85
Segment B Design (Half)	\$ 34,780.00	18.89%	\$ 6,569.95	\$ 5,840.21	\$ 729.74
Segment C Design (BBI)	\$ 70,240.00	21.56%	\$ 15,140.85	\$ 13,445.35	\$ 1,695.50
Segment D Design (Costello)	\$ 70,240.00	50.67%	\$ 35,593.62	\$ 27,895.62	\$ 7,698.00
Traffic Engineering (Teds - Signing & Signals)	\$ 42,660.00	0.00%	\$ -	\$ -	\$ -
Toll Gantry (Ramos)	\$ 10,000.00	17.90%	\$ 1,790.15	\$ -	\$ 1,790.15
TCP & Drainage (Klotz)	\$ 20,000.00	0.00%	\$ -	\$ -	\$ -
Extras					
Survey (Weisser)	\$ 262,180.00	100.00%	\$ 262,180.00	\$ 262,180.00	\$ -
ROW Parcel Mapping (Weisser)	\$ 156,379.21	100.00%	\$ 156,379.21	\$ 156,379.21	\$ -
Geotechnical (HTS)	\$ 123,748.79	97.75%	\$ 120,970.00	\$ 120,970.00	\$ -
Signal Warrant Studies (Teds)	\$ 2,820.00	100.00%	\$ 2,820.00	\$ 2,820.00	\$ -
Illumination (Teds)	\$ 53,376.83	100.00%	\$ 53,376.83	\$ 53,376.83	\$ -
Utility Coordination (DEC) (See attached for breakdown)	\$ 126,434.10	99.88%	\$ 126,286.62	\$ 126,286.62	\$ -
Utility Locating - SUE (LTRA)	\$ 63,565.82	100.00%	\$ 63,565.82	\$ 63,565.82	\$ -
Survey - Stake Right-of-Way (Weisser) Post-Design Services	\$ 13,520.00	100.00%	\$ 13,520.00	\$ 13,520.00	\$ -
Direct Expenses (DEC) (See attached for breakdown)	\$ 9,689.54	99.99%	\$ 9,688.47	\$ 9,688.47	\$ -
Subtotal PHASE I	\$ 7,625,786.00		\$ 7,328,753.24	\$ 7,300,567.00	\$ 28,186.24

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PHASE II					
Advanced Planning					
Environmental (Klotz)	\$ 552,394.25	99.66%	\$ 550,499.63	\$ 548,999.63	\$ 1,500.00
Schematic Design (Klotz)	\$ 242,986.25	100.00%	\$ 242,986.25	\$ 242,986.25	\$ -
Drainage Impact Report (Klotz)	\$ 127,776.00	100.00%	\$ 127,776.00	\$ 127,776.00	\$ -
Drainage Analysis (Costello)	\$ 19,180.00	98.88%	\$ 18,964.76	\$ 18,964.76	\$ -
Management & Engineering					
Management (DEC) (See attached for breakdown)	\$ 506,466.00	97.69%	\$ 494,751.70	\$ 490,180.39	\$ 4,571.31
Segment B - Section 1 Design (Half)	\$ 606,560.00	91.21%	\$ 553,260.83	\$ 541,331.57	\$ 11,929.26
Segment B - Section 2 Design (DEC) (See attached for breakdown)	\$ 543,710.00	99.85%	\$ 542,911.26	\$ 542,911.26	\$ -
Segment A Design (CivilCorp)	\$ 556,006.40	64.29%	\$ 357,473.67	\$ 277,687.98	\$ 79,785.69
TCP Design (DEC) (See attached for breakdown)	\$ 108,750.53	95.16%	\$ 103,490.35	\$ 98,707.45	\$ 4,782.90
Traffic Engineering (Teds - Signing & Signals)	\$ 228,099.24	70.00%	\$ 159,669.47	\$ 159,669.47	\$ -
Construction Management, Inspection & Material Testing	\$ -	0.00%	\$ -	\$ -	\$ -
Extras					
Survey (Weisser)	\$ 14,573.08	2.30%	\$ 335.89	\$ 335.89	\$ -
ROW Parcel Mapping (Weisser)	\$ 184,554.47	100.00%	\$ 184,554.47	\$ 184,554.47	\$ -
Geotechnical (HTS)	\$ 124,251.00	85.82%	\$ 106,636.00	\$ 93,160.00	\$ 13,476.00
Utility Coordination (DEC) (See attached for breakdown)	\$ 99,722.00	92.60%	\$ 92,339.34	\$ 92,339.34	\$ -
Utility Locating - SUE (LTRA)	\$ 17,310.78	100.00%	\$ 17,310.78	\$ 17,310.78	\$ -
Direct Expenses (DEC) (See attached for breakdown)	\$ 18,000.00	70.57%	\$ 12,701.83	\$ 12,701.83	\$ -
Subtotal PHASE II	\$ 3,950,340.00		\$ 3,565,662.23	\$ 3,449,617.07	\$ 116,045.16
TOTALS	\$ 11,676,126.00	94.16%	\$ 10,994,415.47	\$ 10,850,184.07	\$ 144,231.40

TOTAL AMOUNT DUE THIS INVOICE: \$144,231.40

459301/DRM/II

*de to pay
 PWS
 9/27/16*

DESCRIPTION OF WORK TASK	HOURS/UNITS	RATE	AMOUNT
Details for Dannenbaum Engineering Corporation			
Phase I Post-Design Services Management & Engineering Phase I Management (DEC)			
Michel Maksoud, Project Manager	1.00	398.81	398.81
Michael Kaspar, Project Engineer	91.00	\$ 174.44	\$ 15,874.04
Subtotal	92.00		\$ 16,272.85
Management & Engineering Phase II Management (DEC)			
Michael Kaspar, Project Engineer	23.00	\$ 174.44	\$ 4,012.12
Heather Arcolas, Clerical	3.75	93.89	352.09
Miguel Tellez, Clerical	4.25	48.73	207.10
Subtotal	31.00		\$ 4,571.31
TCP Design - Phase II TCP Design			
Maen Hourani, Project Manager	1.00	\$ 224.99	\$ 224.99
Michael Kaspar, Project Engineer	23.00	174.44	4,012.12
Ina Caceras, Project Engineer	1.00	130.16	130.16
Leslie Manzano, Clerical	7.75	53.63	415.63
Subtotal	32.75		\$ 4,782.90
TOTAL			\$ 25,627.06

**FM 1093 Westpark Extension
Progress Report
From August 10, 2016 to September 12, 2016
Report Date: September 13, 2016**

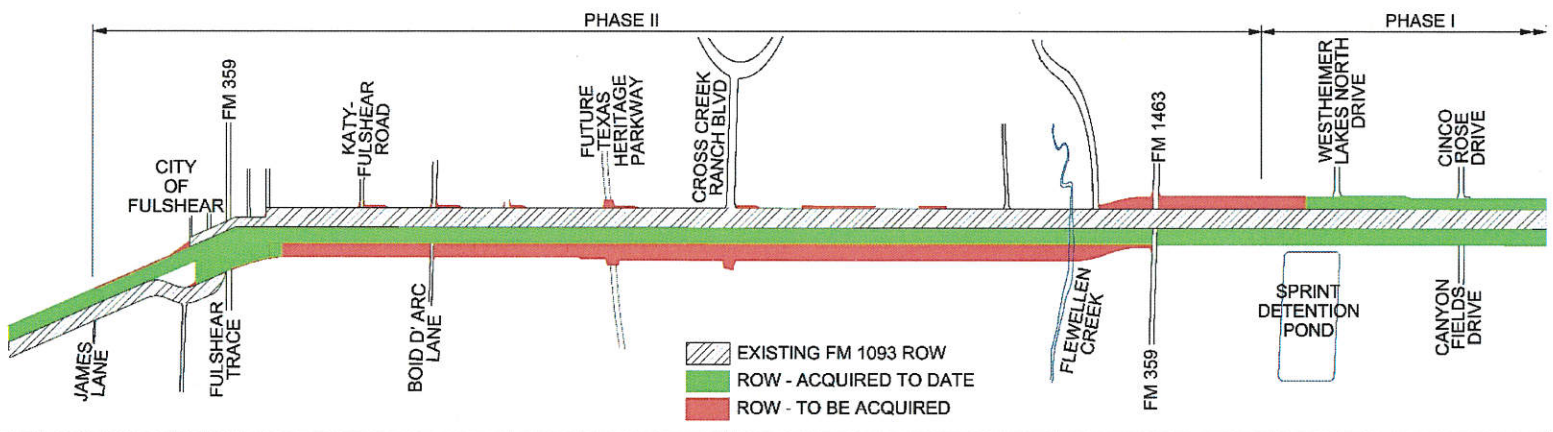
Fort Bend County Engineer: Richard W. Stolleis, P.E.

Program Director: David Milner, P.E.
Dannenbaum Engineering Corporation (DEC) - Houston

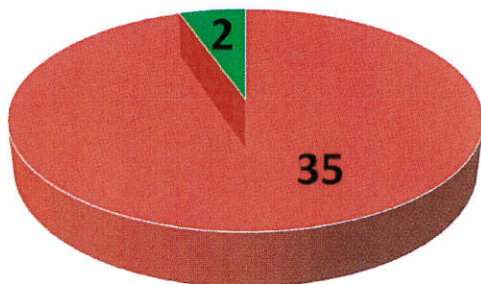
Phase II Project Description

Phase II consists of extending the frontage roads along FM 1093 from FM 1463/FM 359 (Phase I Limits) to west of Cross Creek Ranch. A proposed boulevard roadway continues west and connects to the existing FM 1093 roadway at James Lane in Fulshear.

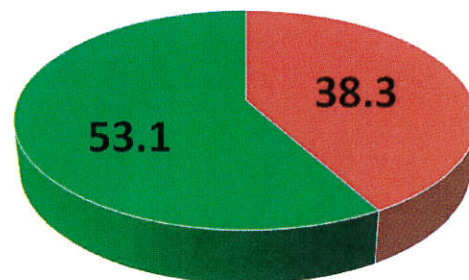
Phase II ROW Acquisition



Number of Parcels Acquired to Date



Area of Parcels Acquired to Date (Acres)

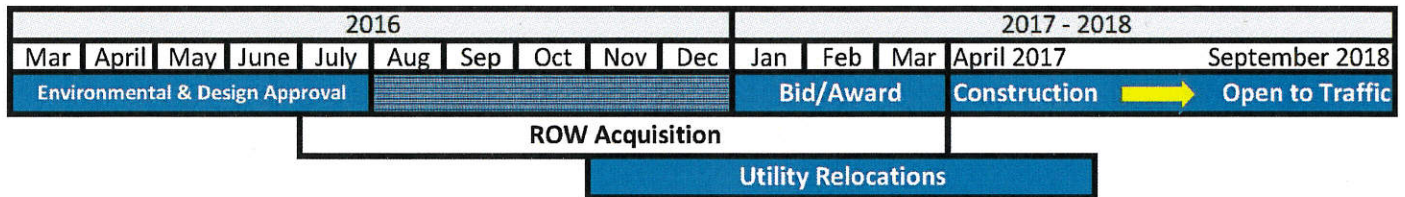


**FM 1093 Westpark Extension
Progress Report
From August 10, 2016 to September 12, 2016
Report Date: September 13, 2016**

Phase II Timeline

- Environmental Clearance: Environmental Assessment approved with signed FONSI provided by TxDOT on June 17.
- Advertise and Award Project for construction: January 2017 through March 2017
- Construction: Begin in the second quarter of 2017

PHASE II TIMELINE




David R. Milner, P.E.