

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
301 Jackson Street
Richmond, Texas 77469-3108

PO 85425
REC 371615
8/24/16

Invoice Date: August 16, 2016
Invoice Period: 07/01/16 Through 07/31/16
Invoice Number: 459301/53/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 (Halff)	\$ 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	40.53%	\$ 71,297.58	\$ 55,946.86	\$ 15,350.72
Segment B Design (Halff)	\$ 34,780.00	16.79%	\$ 5,840.21	\$ 5,292.90	\$ 547.31
Segment C Design (BBI)	\$ 75,240.00	17.87%	\$ 13,445.35	\$ 10,974.05	\$ 2,471.30
Segment D Design (Costello)	\$ 75,240.00	37.08%	\$ 27,895.62	\$ 21,271.13	\$ 6,624.49
Traffic Engineering (Teds) - Signing & Signals	\$ 62,660.00	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		\$ 7,300,567.00	\$ 7,275,573.18	\$ 24,993.82

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PHASE II					
Advanced Planning					
Environmental (Klotz)	\$ 552,394.25	99.39%	\$ 548,999.63	\$ 547,486.91	\$ 1,512.72
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	96.78%	\$ 490,180.39	\$ 485,741.66	\$ 4,438.73
Segment B - Section 1 Design (Half)	\$ 606,560.00	89.25%	\$ 541,331.57	\$ 529,572.31	\$ 11,759.26
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	49.94%	\$ 277,687.98	\$ 277,687.98	\$ -
TCP Design (DEC) (See attached for breakdown)	\$ 108,750.53	90.77%	\$ 98,707.45	\$ 93,019.67	\$ 5,687.78
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	74.98%	\$ 93,160.00	\$ 93,160.00	\$ -
Utility Coordination (DEC) (See attached for breakdown)	\$ 92,722.00	99.59%	\$ 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)	\$ 25,000.00	50.81%	\$ 12,701.83	\$ 12,694.51	\$ 7.32
Subtotal PHASE II	\$ 3,950,340.00		\$ 3,449,617.07	\$ 3,426,211.26	\$ 23,405.81
TOTALS	\$ 11,676,126.00	92.93%	\$ 10,850,184.07	\$ 10,801,784.44	\$ 48,399.63

TOTAL AMOUNT DUE THIS INVOICE: \$48,399.63

459301/DRM/II

*ok to pay
 AWS 8/24/16*

DESCRIPTION OF WORK TASK	HOURS/UNITS	RATE	AMOUNT
Details for Dannenbaum Engineering Corporation			
Phase I Post-Design Services			
Management & Engineering Phase I			
Management (DEC)			
Michael Kaspar, Project Engineer	88.00	\$ 174.44	\$ 15,350.72
Subtotal	88.00		\$ 15,350.72
Management & Engineering Phase II			
Management (DEC)			
Michael Kaspar, Project Engineer	25.00	\$ 174.44	\$ 4,361.00
Heather Arcolas, Clerical	0.75	93.89	70.42
Miguel Tellez, Clerical	0.15	48.73	7.31
Subtotal	25.90		\$ 4,438.73
TCP Design - Phase II			
TCP Design			
Michael Kaspar, Project Engineer	25.00	\$ 174.44	\$ 4,361.00
Ina Caceras, Project Engineer	10.50	126.36	1,326.78
Subtotal	35.50		\$ 5,687.78
Direct Expenses - Phase II			
Federal Express			
Subtotal			\$ 7.32
			\$ 7.32
TOTAL			\$ 25,484.55

**FM 1093 Westpark Extension
Progress Report
From July 12, 2016 to August 09, 2016
Report Date: August 10, 2016**

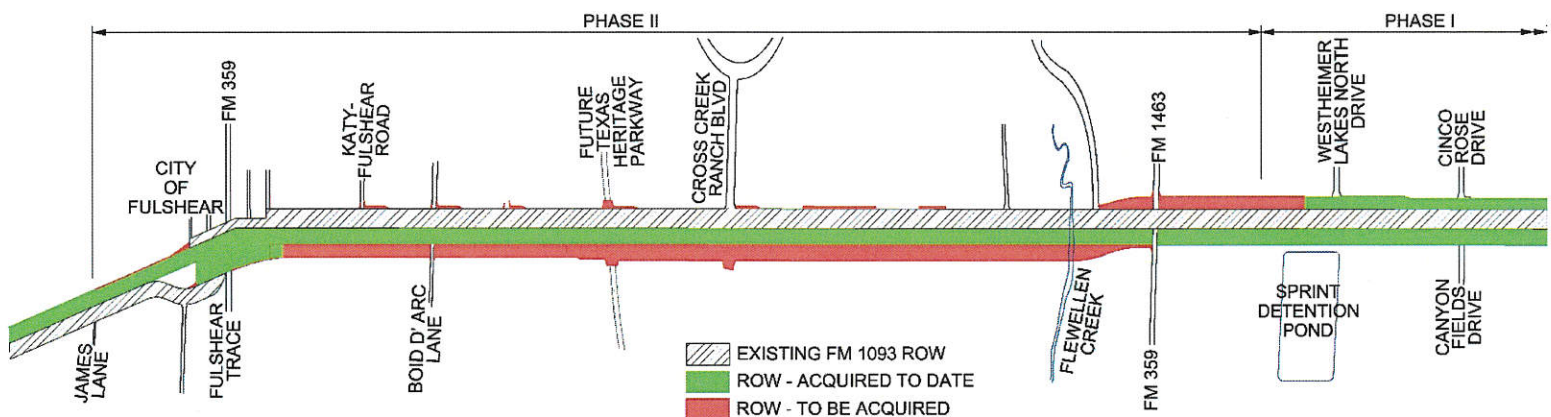
Fort Bend County Engineer: Richard W. Stolleis, P.E.

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

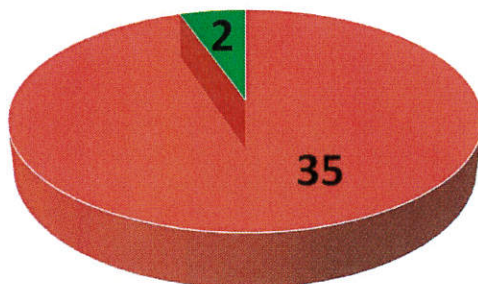
Phase II Project Description

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.

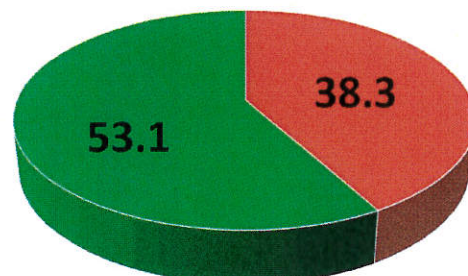
Phase II ROW Acquisition



Number of Parcels Acquired to Date



Area of Parcels Acquired to Date (Acres)

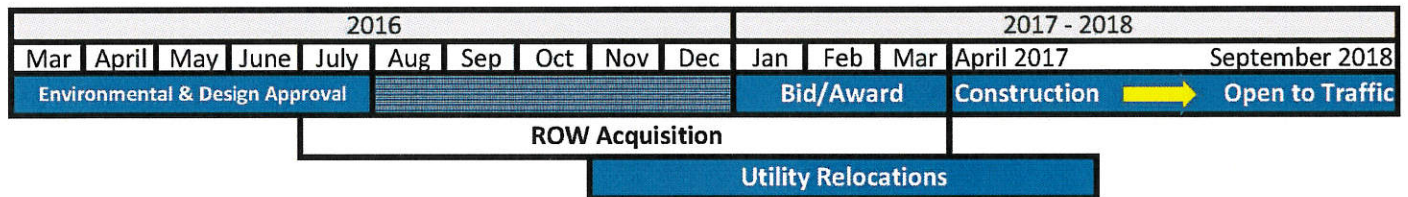


**FM 1093 Westpark Extension
Progress Report
From July 12, 2016 to August 09, 2016
Report Date: August 10, 2016**

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.



Invoice Number	Invoice Date	Account Number	Page
5-488-44983	Jul 21, 2016	[REDACTED]	3 of 9

FedEx Express Shipment Detail By Payor Type (Original)

Ship Date: Jul 12, 2016	Cust. Ref.: 4593-02	Ref.#2:
Payor: Shipper	Ref.#3:	

Fuel Surcharge - FedEx has applied a fuel surcharge of 2.00% to this shipment.
The Earned Discount for this ship date has been calculated based on a revenue threshold of \$ 1789.62
Distance Based Pricing, Zone 2

Automation	INET	Sender	Recipient	
Tracking ID	776727737348	Heather Arcolas	Jillian Peterson	
Service Type	FedEx Priority Overnight	Dannenbaum Engineering Corp.	Fort Bend County Engineering	
Package Type	FedEx Envelope	3100 West Alabama	301 Jackson Street, 4th Floor	
Zone	02	HOUSTON TX 77098 US	RICHMOND TX 77469 US	
Packages	1			
Rated Weight	N/A	Transportation Charge		21.77
Delivered	Jul 13, 2016 09:21	Discount		-5.44
Svc Area	A2	Automation Bonus Discount		-3.27
Signed by	S.MENDOZA	Fuel Surcharge		0.14
FedEx Use	000000000/0000186/_	Earned Discount		-5.88
		Total Charge	USD	\$7.32

Ship Date: Jul 12, 2016	Cust. Ref.: 4809-01	Ref.#2:
Payor: Shipper	Ref.#3:	

Fuel Surcharge - FedEx has applied a fuel surcharge of 2.00% to this shipment.
The Earned Discount for this ship date has been calculated based on a revenue threshold of \$ 1789.62
Distance Based Pricing, Zone 2

Automation	INET	Sender	Recipient	
Tracking ID	776729576342	Terttu L. Britton	Ms. Andrea Brinkley	
Service Type	FedEx Priority Overnight	Dannenbaum Engineering Corp.	City of Pearland	
Package Type	FedEx Envelope	3100 West Alabama	3519 Liberty Drive	
Zone	02	HOUSTON TX 77098 US	PEARLAND TX 77581 US	
Packages	1			
Rated Weight	N/A	Transportation Charge		21.77
Delivered	Jul 13, 2016 09:26	Fuel Surcharge		0.14
Svc Area	A2	Discount		-5.44
Signed by	T.MCDONALD	Earned Discount		-5.88
FedEx Use	000000000/0000186/_	Automation Bonus Discount		-3.27
		Total Charge	USD	\$7.32

Ship Date: Jul 12, 2016	Cust. Ref.: 4658-02	Ref.#2:
Payor: Shipper	Ref.#3:	

The Earned Discount for this ship date has been calculated based on a revenue threshold of \$ 1789.62
Fuel Surcharge - FedEx has applied a fuel surcharge of 2.00% to this shipment.
Distance Based Pricing, Zone 2

Automation	INET	Sender	Recipient	
Tracking ID	776729682925	Terttu L. Britton	Ms. Lauren Dill	
Service Type	FedEx Standard Overnight	Dannenbaum Engineering Corp.	Texas Water Development Board	
Package Type	FedEx Envelope	3100 West Alabama	1700 N. Congress Avenue	
Zone	02	HOUSTON TX 77098 US	AUSTIN TX 78701 US	
Packages	1			
Rated Weight	N/A	Transportation Charge		21.27
Delivered	Jul 13, 2016 10:09	Earned Discount		-5.74
Svc Area	A1	Fuel Surcharge		0.14
Signed by	K.BURTON	Automation Bonus Discount		-3.19
FedEx Use	000000000/0000200/_	Discount		-5.32
		Total Charge	USD	\$7.16