

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

Invoice Date: April 17, 2018
Invoice Period: 03/01/18 Through 03/31/18
Invoice Number: 459301/72/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)	\$ 192,856.87	100.00%	\$ 192,856.87	\$ 192,856.87	\$ -
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)	\$ 1,200,373.44	100.00%	\$ 1,200,370.05	\$ 1,200,370.05	\$ -
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)	\$ 249,301.43	99.43%	\$ 247,892.22	\$ 243,364.21	\$ 4,528.01
Segment B Design (Halff)	\$ 20,000.00	98.23%	\$ 19,646.52	\$ 19,646.52	\$ -
Segment C Design (BBI)	\$ 26,725.00	70.49%	\$ 18,837.69	\$ 18,837.69	\$ -
Segment D Design (Costello)	\$ 91,672.00	82.30%	\$ 75,448.01	\$ 75,448.01	\$ -
Traffic Engineering (Teds - Signing & Signals)	\$ 31,733.36	89.01%	\$ 28,247.36	\$ 28,247.36	\$ -
Toll Gantry (Ramos)	\$ 8,000.00	90.13%	\$ 7,210.01	\$ 7,210.01	\$ -
TCP & Drainage (Klotz)	\$ 26,722.50	59.25%	\$ 15,832.50	\$ 15,832.50	\$ -
Survey (Weisser)	\$ 15,000.00	100.00%	\$ 15,000.00	\$ 15,000.00	\$ -
Geotechnical (HTS)	\$ 7,872.00	100.00%	\$ 7,872.00	\$ 7,872.00	\$ -
HEB Right Turn Lane					
Drainage (Klotz)	\$ 2,212.50	100.00%	\$ 2,212.50	\$ 2,212.50	\$ -
Management (DEC)	\$ 2,598.68	100.00%	\$ 2,598.68	\$ 2,598.68	\$ -
Segment C Design (BBI)	\$ 2,500.00	100.00%	\$ 2,500.00	\$ 2,500.00	\$ -
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)	\$ 120,970.00	100.00%	\$ 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)	\$ 126,286.62	100.00%	\$ 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)	\$ 9,688.47	100.00%	\$ 9,688.47	\$ 9,688.47	\$ -
Subtotal PHASE I	\$ 7,684,737.00		\$ 7,643,693.63	\$ 7,639,165.62	\$ 4,528.01

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PHASE II					
Advanced Planning					
Environmental (Klotz)	\$ 552,394.25	100.00%	\$ 552,394.25	\$ 552,394.25	\$ -
Schematic Design (Klotz)	\$ 242,986.25	100.00%	\$ 242,986.25	\$ 242,986.25	\$ -
Drainage Impact Report (Klotz)	\$ 136,246.00	96.28%	\$ 131,176.00	\$ 131,176.00	\$ -
Drainage Analysis (Costello)	\$ 19,180.00	98.88%	\$ 18,964.76	\$ 18,964.76	\$ -
Management & Engineering					
Management (DEC) (See attached for breakdown)	\$ 559,882.00	92.73%	\$ 519,168.17	\$ 518,725.21	\$ 442.96
Segment B - Section 2 Design (Half)	\$ 606,560.00	100.00%	\$ 606,560.00	\$ 606,560.00	\$ -
Segment B - Section 1 Design (DEC) (See attached for breakdown)	\$ 587,135.00	100.00%	\$ 587,135.00	\$ 587,135.00	\$ -
Segment A Design (CivilCorp)	\$ 608,288.40	98.27%	\$ 597,773.19	\$ 597,773.19	\$ -
TCP Design (DEC) (See attached for breakdown)	\$ 131,006.53	100.00%	\$ 131,006.53	\$ 131,006.53	\$ -
Traffic Engineering (Teds - Signing & Signals)	\$ 231,670.24	98.46%	\$ 228,099.24	\$ 228,099.24	\$ -
Construction Management, Inspection & Material Testing	\$ -	0.00%	\$ -	\$ -	\$ -
Extras					
Survey (Weisser)	\$ 17,073.08	100.00%	\$ 17,073.08	\$ 17,073.08	\$ -
ROW Parcel Mapping (Weisser)	\$ 216,554.47	100.00%	\$ 216,554.47	\$ 216,554.47	\$ -
Geotechnical (HTS)	\$ 124,251.00	100.00%	\$ 124,248.50	\$ 124,248.50	\$ -
Utility Coordination (DEC) (See attached for breakdown)	\$ 135,333.00	100.00%	\$ 135,333.00	\$ 135,333.00	\$ -
Utility Relocation Design (DEC) (See attached for breakdown)	\$ 59,807.00	45.46%	\$ 27,189.65	\$ 20,923.39	\$ 6,266.26
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	95.02%	\$ 17,104.17	\$ 16,988.78	\$ 115.39
Phase II-A Post-Design Services					
Management & Engineering					
Management (DEC) (See attached for breakdown)	\$ 143,688.00	12.78%	\$ 18,368.26	\$ 10,434.11	\$ 7,934.15
Segment B Design (DEC) (See attached for breakdown)	\$ 48,130.00	15.46%	\$ 7,440.49	\$ 5,865.53	\$ 1,574.96
Segment B Design (Half)	\$ 53,973.00	20.12%	\$ 10,859.25	\$ 7,036.18	\$ 3,823.07
Traffic Engineering (Teds - Signing, Signals, Illumination)	\$ 28,056.00	0.00%	\$ -	\$ -	\$ -
Extras					
Survey - Stake Right-of-Way (Weisser)	\$ 27,500.00	100.00%	\$ 27,500.00	\$ 27,500.00	\$ -
ROW Parcel Mapping (Weisser)	\$ 8,000.00	0.00%	\$ -	\$ -	\$ -
Subtotal PHASE II	\$ 4,573,025.00		\$ 4,234,245.04	\$ 4,214,088.25	\$ 20,156.79
TOTALS	\$ 12,357,762.00	96.93%	\$ 11,977,938.67	\$ 11,953,253.87	\$ 24,684.80

TOTAL AMOUNT DUE THIS INVOICE: \$24,684.80

459301/DRM/II

ok to pay
 WBS
 4/30/18

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	23.00	\$ 196.87	\$ 4,528.01
Subtotal	23.00		\$ 4,528.01
Management & Engineering Phase II			
Management (DEC)			
Michael Kaspar, Project Engineer	2.00	\$ 196.87	\$ 393.74
Heather Arcolas, Clerical	0.50	98.43	49.22
Subtotal	2.50		\$ 442.96
Extras - Phase II			
Utility Relocation Design - Phase II			
Michael Kaspar, Project Engineer	11.00	\$ 196.87	\$ 2,165.57
Carl McConnell, Senior Engineer	8.00	311.71	2,493.68
John Farah, Project Engineer	17.00	94.53	1,607.01
Subtotal	36.00		\$ 6,266.26
Direct Expenses - Phase II			
Federal Express			
M. Kaspar - Mileage	197.00	\$ 0.545	\$ 107.37
Subtotal			\$ 115.39
Phase II-A Post-Design Services (SA6)			
Management & Engineering Phase II-A (SA6)			
Management (DEC)			
David Milner, Project Manager	4.00	\$ 359.36	\$ 1,437.44
Michael Kaspar, Project Engineer	33.00	196.87	6,496.71
Subtotal	37.00		\$ 7,934.15
Segment B Design - Phase II-A (SA6)			
Segment B Design			
Michael Kaspar, Project Engineer	8.00	\$ 196.87	\$ 1,574.96
Subtotal	8.00		\$ 1,574.96
TOTAL			\$ 20,861.73

**FM 1093 Westpark Extension
Progress Report
From March 14, 2018 to April 09, 2018
Report Date: April 10, 2018**

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

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

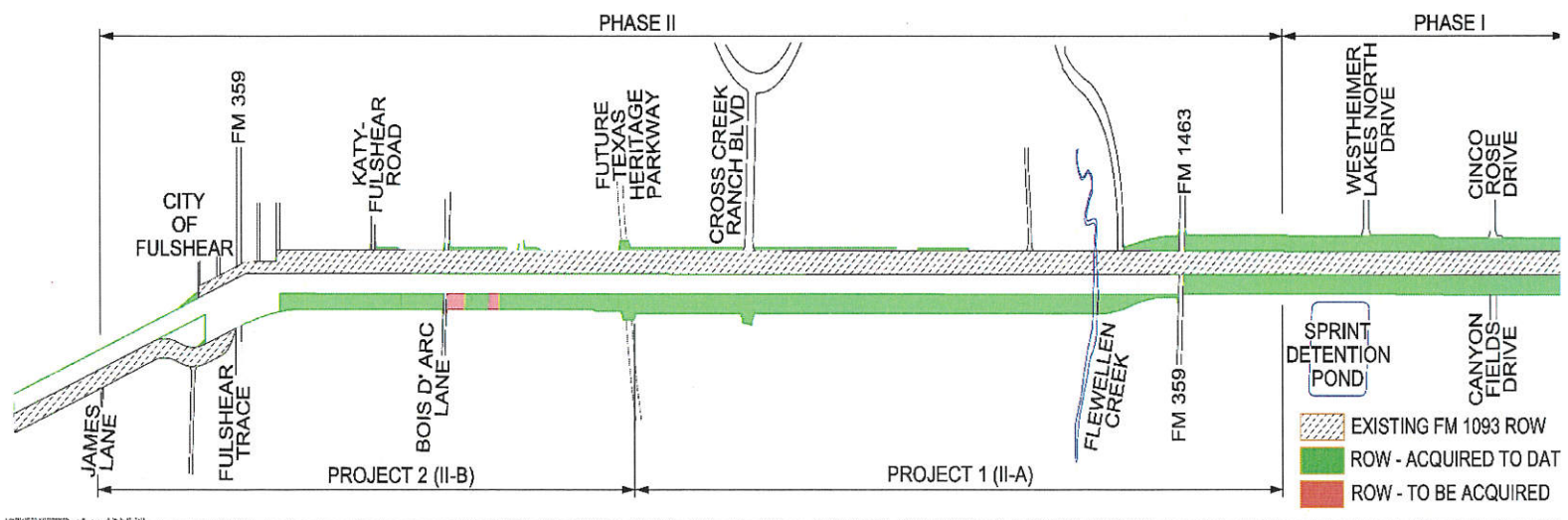
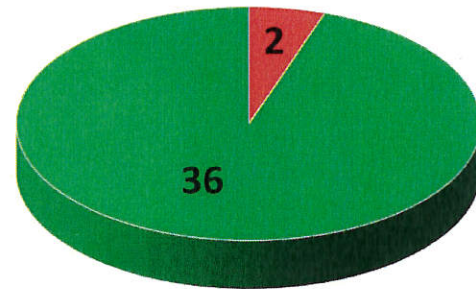
Phase II Project Description

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 Summary

• Total Parcels	-	38
• Parcels Acquired	-	36
• Parcels Ready to Close	-	0
• Parcels in Condemnation	-	2
• Parcels to be Donated	-	0

Number of Parcels Acquired to Date

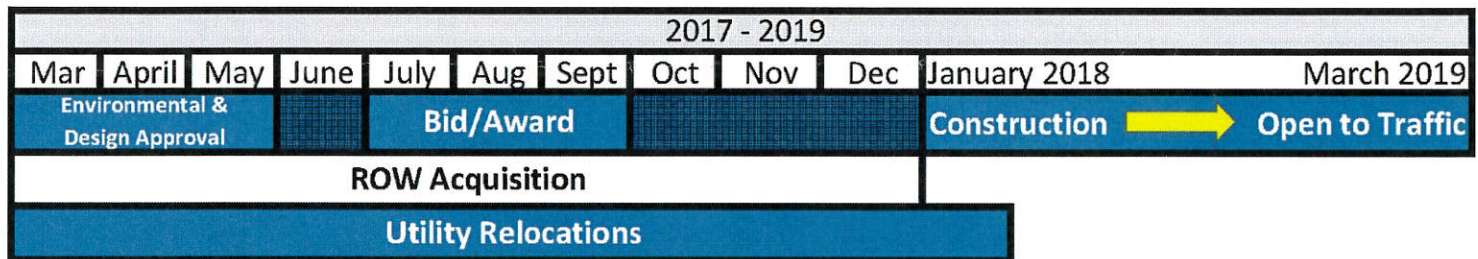


**FM 1093 Westpark Extension
Progress Report
From March 14, 2018 to April 09, 2018
Report Date: April 10, 2018**

Phase II-A – Project Timeline (FM 359/FM 1463 to West of Cross Creek Ranch)

- Begin Construction: January 2018
- Complete Construction: March 2019

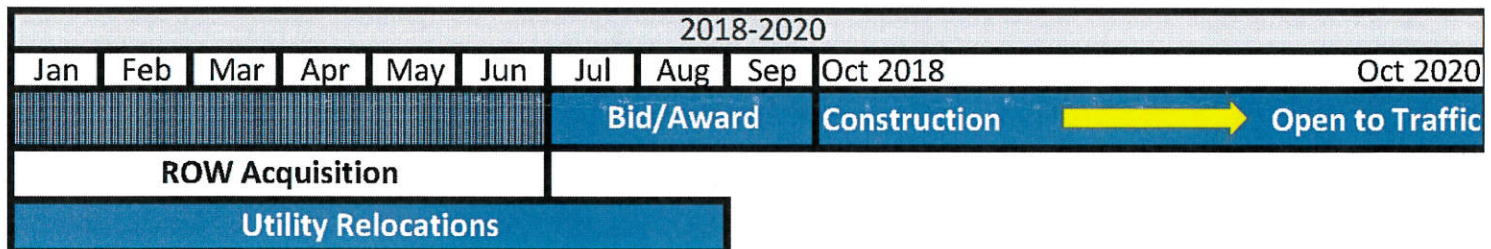
PHASE II-A – PROJECT TIMELINE



Phase II-B – Project Timeline (West of Cross Creek Ranch to James Lane in Fulshear)

- TxDOT plans to construct Phase II-B
- Expect to Advertise and Open Bids in Mid-2018
- Begin Construction: Fall 2018
- Complete Construction: Fall 2020

PHASE II-B – PROJECT TIMELINE




David R. Milner, P.E.

Michael Kaspar



**Invoice Number**

6-104-02692

Invoice Date

Mar 01, 2018

Account Number

Page

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Tracking ID: 771588753485 continued

Delivered	Feb 27, 2018 09:30	Earned Discount	-10.17
Svc Area	A1	Automation Bonus Discount	-5.65
Signed by	see above	Fuel Surcharge	1.09
FedEx Use	000000000/230/02	Total Charge	USD \$22.95

Ship Date: Feb 26, 2018**Cust. Ref.:** 0101-60**Ref.#2:****Payor:** Shipper**Ref.#3:**

Fuel Surcharge - FedEx has applied a fuel surcharge of 5.00% to this shipment.

Distance Based Pricing, Zone 6

Package Delivered to Recipient Address - Release Authorized

		Sender	Recipient
Automation	INET	Jim Dannenbaum	Attorney Dale Oldham
Tracking ID	771589270399	Dannenbaum Engineering Corp.	5645 Kathryn St
Service Type	FedEx First Overnight	3100 West Alabama	ALEXANDRIA VA 22303 US
Package Type	FedEx Envelope	HOUSTON TX 77098 US	
Zone	06		
Packages	1		
Rated Weight	N/A		
Delivered	Feb 27, 2018 07:20	Transportation Charge	67.68
Svc Area	A2	Fuel Surcharge	3.59
Signed by	see above	Residential Delivery	4.15
FedEx Use	000000000/7/02	Total Charge	USD \$75.42

Ship Date: Feb 26, 2018**Cust. Ref.:** 4593-02**Ref.#2:****Payor:** Shipper**Ref.#3:**

The Earned Discount for this ship date has been calculated based on a revenue threshold of \$ 104399.25

Fuel Surcharge - FedEx has applied a fuel surcharge of 5.00% to this shipment.

Distance Based Pricing, Zone 2

		Sender	Recipient
Automation	INET	Heather Arcolas	Britten Harris
Tracking ID	771591564954	Dannenbaum Engineering Corpora	Fort Bend County Engineering
Service Type	FedEx Priority Overnight	3100 W. Alabama	301 Jackson Street, Ste. 401
Package Type	FedEx Envelope	HOUSTON TX 77098 US	RICHMOND TX 77469 US
Zone	02		
Packages	1		
Rated Weight	N/A	Transportation Charge	23.15
Delivered	Feb 27, 2018 09:34	Discount	-5.79
Svc Area	A2	Earned Discount	-6.25
Signed by	M.JIMENEZ	Automation Bonus Discount	-3.47
FedEx Use	000000000/186/_	Fuel Surcharge	0.38
		Total Charge	USD \$8.02

Shipper Subtotal**USD****\$217.00****Ship Date:** Feb 20, 2018**Cust. Ref.:** 9600**Ref.#2:** PD#022018-H-9600**Payor:** Recipient**Ref.#3:** NS245898000300001/1BTJ7CB

The Earned Discount for this ship date has been calculated based on a revenue threshold of \$ 103382.33

Fuel Surcharge - FedEx has applied a fuel surcharge of 5.50% to this shipment.

Distance Based Pricing, Zone 6

		Sender	Recipient
Automation	FXRS	SHIPPING DEPT	ATTN:REX ANDREWS
Tracking ID	424210975085	CDW LOGISTICS, INC	DANNENBAUM ENGINEERING CORP
Service Type	FedEx Express Saver	3201 E ALEXANDER RD	3100 W. ALABAMA
Package Type	Customer Packaging	NORTH LAS VEGAS NV 89030 US	HOUSTON TX 77098 US
Zone	06		
Packages	1		
Rated Weight	1.0 lbs, 0.5 kgs	Transportation Charge	19.80
Delivered	Feb 22, 2018 11:31	Earned Discount	-4.95
Svc Area	A1	Automation Bonus Discount	-2.97
Signed by	T.ADAM	Fuel Surcharge	0.65
FedEx Use	000000000/7175/_	Total Charge	USD \$12.53