

# DANNENBAUM ENGINEERING CORPORATION

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

ENGINEERING  
EXCELLENCE  
SINCE  
1945

KJP

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

Invoice Date: February 15, 2016  
Invoice Period: 01/01/16 Through 01/31/16  
Invoice Number: 459301/47/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

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
<b>Pre-Award Costs</b>					
Dannenbaum Engineering Corporation	\$ 100,000.00	100.00%	\$ 100,000.00	\$ 100,000.00	\$ -
<b>Subtotal Pre-Award Costs</b>	<b>\$ 100,000.00</b>		<b>\$ 100,000.00</b>	<b>\$ 100,000.00</b>	<b>\$ -</b>
<b>PHASE I</b>					
<b>Advanced Planning</b>					
Environmental / NEPA (Jacobs)	\$ 199,523.45	100.00%	\$ 199,523.45	\$ 199,523.45	\$ -
Environmental / NEPA (Jacobs) (Re-Evaluation)	\$ 211,513.00	89.55%	\$ 189,403.05	\$ 189,403.05	\$ -
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	\$ -
<b>Additional Services</b>					
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	\$ -
<b>Management &amp; Engineering</b>					
Management (DEC) (See attached for breakdown)	\$ 1,185,373.44	97.71%	\$ 1,158,206.06	\$ 1,145,744.77	\$ 12,461.29
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	\$ 264,174.27	\$ 8,104.73
<b>Construction Management, Inspection &amp; Material Testing</b>	\$ -	0.00%	\$ -	\$ -	\$ -
<b>Extras</b>					
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	\$ 51,785.06	\$ 1,591.77
Utility Coordination (DEC) (See attached for breakdown)	\$ 126,434.10	98.45%	\$ 124,478.95	\$ 124,413.91	\$ 65.04
Utility Locating - SUE (LTRA)	\$ 63,565.82	100.00%	\$ 63,565.82	\$ 63,565.82	\$ -
Direct Expenses (DEC) (See attached for breakdown)	\$ 9,689.54	99.99%	\$ 9,688.47	\$ 9,688.47	\$ -
<b>Subtotal PHASE I</b>	<b>\$ 7,193,463.00</b>		<b>\$ 7,139,450.66</b>	<b>\$ 7,117,227.83</b>	<b>\$ 22,222.83</b>
<b>PHASE II</b>					
<b>Advanced Planning</b>					
Environmental (Klotz)	\$ 552,394.25	92.80%	\$ 512,625.70	\$ 500,962.97	\$ 11,662.73
Schematic Design (Klotz)	\$ 242,986.25	99.38%	\$ 241,472.91	\$ 241,472.91	\$ -
Drainage Impact Report (Klotz)	\$ 127,776.00	99.37%	\$ 126,973.95	\$ 126,973.95	\$ -
Drainage Analysis (Costello)	\$ 19,180.00	98.88%	\$ 18,964.76	\$ 18,964.76	\$ -
<b>Management &amp; Engineering</b>					
Management (DEC) (See attached for breakdown)	\$ 506,466.00	89.38%	\$ 452,694.33	\$ 441,734.51	\$ 10,959.82
Segment B - Section 1 Design (Half)	\$ 606,560.00	80.47%	\$ 488,117.40	\$ 462,022.28	\$ 26,095.12
Segment B - Section 2 Design (DEC) (See attached for breakdown)	\$ 543,710.00	91.83%	\$ 499,300.12	\$ 499,300.12	\$ -
Segment A Design (CivilCorp)	\$ 556,006.40	29.86%	\$ 166,031.95	\$ 166,031.95	\$ -
TCP Design (DEC) (See attached for breakdown)	\$ 108,750.53	72.24%	\$ 78,564.57	\$ 76,932.69	\$ 1,631.88
Traffic Engineering (Teds) - Signing & Signals	\$ 228,099.24	60.00%	\$ 136,859.55	\$ 79,834.74	\$ 57,024.81
<b>Construction Management, Inspection &amp; Material Testing</b>	\$ -	0.00%	\$ -	\$ -	\$ -
<b>Extras</b>					
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	95.26%	\$ 88,327.22	\$ 85,885.06	\$ 2,442.16
Utility Locating - SUE (LTRA)	\$ 17,310.78	100.00%	\$ 17,310.78	\$ 13,287.03	\$ 4,023.75
Direct Expenses (DEC) (See attached for breakdown)	\$ 25,000.00	39.96%	\$ 9,989.83	\$ 9,896.68	\$ 93.15
<b>Subtotal PHASE II</b>	<b>\$ 3,950,340.00</b>		<b>\$ 3,115,283.43</b>	<b>\$ 3,001,350.01</b>	<b>\$ 113,933.42</b>
<b>TOTALS</b>	<b>\$11,243,803.00</b>	<b>92.09%</b>	<b>\$10,354,734.09</b>	<b>\$10,218,577.84</b>	<b>\$ 136,156.25</b>

**TOTAL AMOUNT DUE THIS INVOICE: \$136,156.25**

2/26/16

DESCRIPTION OF WORK TASK	HOURS/UNITS	RATE	AMOUNT
<b>Details for Dannenbaum Engineering Corporation</b>			
<b>Management &amp; Engineering Phase I</b>			
Management (DEC)			
Michael Kaspar, Project Engineer	71.00	\$ 174.44	\$ 12,385.24
Matt Grindberg, Clerical	1.00	76.05	76.05
Subtotal	72.00		\$ 12,461.29
<b>Extras - Phase I</b>			
Utility Coordination (DEC)			
Miguel Tellez, Clerical	2.00	\$ 32.52	\$ 65.04
Subtotal	2.00		\$ 65.04
<b>Management &amp; Engineering Phase II</b>			
Management (DEC)			
David Milner, Project Manager	5.00	\$ 345.06	\$ 1,725.30
Wael Elmasri, Project Engineer	19.00	185.93	3,532.67
Michael Kaspar, Project Engineer	26.00	174.44	4,535.44
Heather Arcolas, Clerical	12.25	93.89	1,150.15
Miguel Tellez, Clerical	0.50	32.52	16.26
Subtotal	62.75		\$ 10,959.82
<b>TCP Design - Phase II</b>			
TCP Design			
Keith Frederickson, Senior Engineering Technician	12.00	\$ 135.99	\$ 1,631.88
Subtotal	12.00		\$ 1,631.88
<b>Extras - Phase II</b>			
Utility Coordination - Phase II			
Michael Kaspar, Project Engineer	14.00	\$ 174.44	\$ 2,442.16
Subtotal	14.00		\$ 2,442.16
<b>Direct Expenses - Phase II</b>			
Sonlife Corporation - Delivery Service			
Subtotal			\$ 93.15
			\$ 93.15
<b>TOTAL</b>			<b>\$ 27,653.34</b>

**FM 1093 Westpark Extension  
Progress Report  
From January 11, 2016 to February 09, 2016  
Report Date: February 10, 2016**

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

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

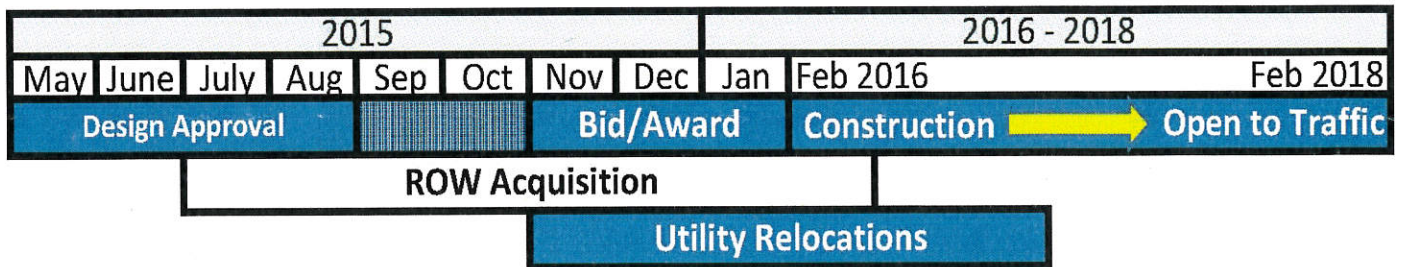
**Phase I Project Description**

Phase I consists of extending the existing Westpark Tollway and frontage roads from SH 99 to west of FM 723/Spring Green. The extension of frontage roads continues west and connects to the existing roadway at FM 1463/FM 359.

**Phase I Update**

- Design Status: Final design approved by TxDOT in August 2015
- Environmental Clearance: Obtained on April 17, 2015.
- Utility Agreements: Three agreements remaining to be finalized in February.
- Utility Relocations: Several utility relocations currently underway.
- Property Acquisition: Underway with a scheduled completion in early 2016
- Advertise and Award Project for construction: TxDOT approved contract award to Webber, LLC
- Ground Breaking Ceremony scheduled for February 22, 2016
- Construction: Scheduled to begin February 2016

***PHASE I TIMELINE***





**FM 1093 Westpark Extension  
Progress Report  
From January 11, 2016 to February 09, 2016  
Report Date: February 10, 2016**

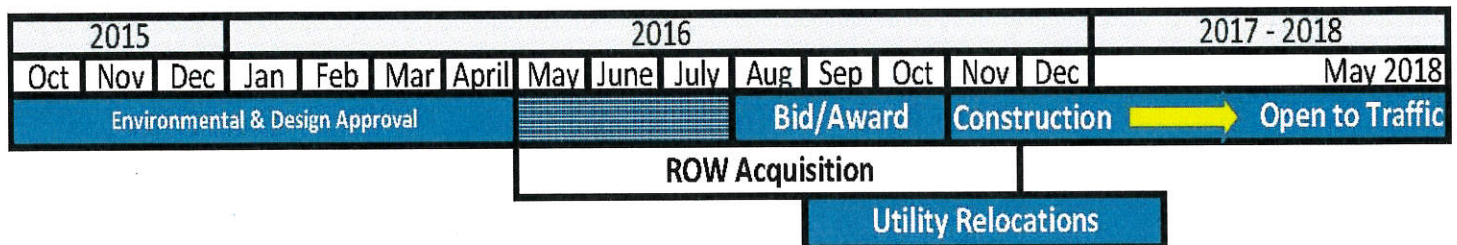
**Phase II Project Description**

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 Update**

- Design Status: 50% plans submitted to TxDOT in June 2015. 90% submittal anticipated in February 2016.
- Environmental Clearance: Expected by April 2016
- Advertise and Award Project for construction: August through October 2016
- Construction: Scheduled to begin November 2016

**PHASE II TIMELINE**



David R. Milner, P.E.



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

Customer Number
Invoice Number
54282
Invoice Date
12/31/2015

life

Reference 4341-17

Date Ready Order Type Deliver Date	Order ID Caller	Origin	Destination	References Billing Group
12/17/2015 12:03 PM Special	497934	Dannenbaum Engineering 3100 W Alabama St Houston TX 77098-2004	Clearwater Utilities, Inc. 22803 Schiel Rd Cypress TX 77433	4341-17
12/17/2015 1:38 PM	yolanda pierre (713) 527-6410			4341-17
			Special	\$31.50
			Pieces	\$0.00
			Weight	\$0.00
			Gasoline Surcharge	\$4.73
			Order Total:	\$36.23
			On Demand Totals:	\$36.23
			Reference - 4341-17 Total:	\$36.23

POD: Vasques

Reference On Demand 4593-01

Date Ready Order Type Deliver Date	Order ID Caller	Origin	Destination	References Billing Group
12/18/2015 2:28 PM Direct	498112	Dannenbaum Engineering 3100 W Alabama St Houston TX 77098-2004	CenterPoint Energy 4700 S Shaver St Houston TX 77034	4593-01
12/18/2015 4:07 PM	heather arcolas (713) 527-6321			
			Direct	\$17.75
			Pieces	\$0.00
			Weight	\$0.00
			Gasoline Surcharge	\$2.66
			Order Total:	\$20.41
			On Demand Totals:	\$93.15
			Reference - 4593-01 Total:	\$93.15

POD: Danny

12/18/2015 3:14 PM Rush	498117	Dannenbaum Engineering 3100 W Alabama St Houston TX 77098-2004	Fort Bend County Purchasing 301 Jackson St 4th Floor Richmond TX 77469	4593-01
12/18/2015 4:33 PM	heather arcolas (713) 527-6321			
			Rush	\$63.25
			Pieces	\$0.00
			Weight	\$0.00
			Gasoline Surcharge	\$9.49
			Order Total:	\$72.74

POD: S Garza

Reference On Demand 4714-02

Date Ready Order Type Deliver Date	Order ID Caller	Origin	Destination	References Billing Group
--	--------------------	--------	-------------	-----------------------------