

PO 85425
 Rec 332994
 10/20/15

W

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: October 12, 2015
 Invoice Period: 09/01/15 Through 09/30/15
 Invoice Number: 459301/43/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
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)	\$ 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	\$ -
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	91.82%	\$ 1,088,420.97	\$ 1,078,382.57	\$ 10,038.40
Segment D Design (Costello)	\$ 1,469,342.10	98.00%	\$ 1,439,955.27	\$ 1,439,955.27	\$ -
Segment C Design (BBI)	\$ 1,376,703.72	95.87%	\$ 1,319,845.93	\$ 1,319,845.93	\$ -
Segment B Design (Half)	\$ 567,773.00	96.88%	\$ 550,052.73	\$ 550,052.73	\$ -
TCP Design (Klotz)	\$ 449,010.00	97.78%	\$ 439,040.00	\$ 439,040.00	\$ -
Traffic Engineering (Teds - Signing & Signals)	\$ 272,279.00	97.02%	\$ 264,174.27	\$ 248,284.90	\$ 15,889.37
Construction Management, Inspection & Material Testing	\$ -	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	97.02%	\$ 51,785.06	\$ 37,977.83	\$ 13,807.23
Utility Coordination (DEC) (See attached for breakdown)	\$ 126,434.10	97.93%	\$ 123,822.21	\$ 123,751.79	\$ 70.42
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	\$ -
Subtotal PHASE I	\$ 7,193,463.00		\$ 6,945,377.44	\$ 6,905,572.02	\$ 39,805.42
PHASE II					
Advanced Planning					
Environmental (Klotz)	\$ 552,394.25	86.96%	\$ 480,375.94	\$ 442,566.46	\$ 37,809.48
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	68.02%	\$ 13,045.81	\$ 12,036.21	\$ 1,009.60
Management & Engineering					
Management (DEC) (See attached for breakdown)	\$ 456,466.00	92.14%	\$ 420,606.88	\$ 407,005.40	\$ 13,601.48
Segment B - Section 1 Design (Half)	\$ 606,560.00	75.00%	\$ 454,920.00	\$ 454,920.00	\$ -
Segment B - Section 2 Design (DEC) (See attached for breakdown)	\$ 443,710.00	92.59%	\$ 410,848.26	\$ 385,436.96	\$ 25,411.30
Segment A Design (CivilCorp)	\$ 556,006.40	29.86%	\$ 166,031.95	\$ 166,031.95	\$ -
TCP Design (DEC) (See attached for breakdown)	\$ 258,750.53	28.67%	\$ 74,171.42	\$ 62,036.23	\$ 12,135.19
Traffic Engineering (Teds - Signing & Signals)	\$ 228,099.24	35.00%	\$ 79,834.74	\$ 79,834.74	\$ -
Construction Management, Inspection & Material Testing	\$ -	0.00%	\$ -	\$ -	\$ -
Extras					
Survey (Weisser)	\$ 14,573.08	0.00%	\$ -	\$ -	\$ -
ROW Parcel Mapping (Weisser)	\$ 184,554.47	70.56%	\$ 130,229.72	\$ 130,229.72	\$ -
Geotechnical (HTS)	\$ 124,251.00	98.38%	\$ 122,232.67	\$ 122,232.67	\$ -
Utility Coordination (DEC) (See attached for breakdown)	\$ 92,722.00	85.10%	\$ 78,907.46	\$ 76,116.42	\$ 2,791.04
Utility Locating - SUE (LTRA)	\$ 17,310.78	76.76%	\$ 13,287.03	\$ 13,287.03	\$ -
Direct Expenses (DEC) (See attached for breakdown)	\$ 25,000.00	36.18%	\$ 9,044.36	\$ 8,015.56	\$ 1,028.80
Subtotal PHASE II	\$ 3,950,340.00		\$ 2,821,983.10	\$ 2,728,196.21	\$ 93,786.89
TOTALS	\$11,243,803.00	87.76%	\$ 9,867,360.54	\$ 9,733,768.23	\$ 133,592.31

TOTAL AMOUNT DUE THIS INVOICE: **\$133,592.31**

OK
10/20/15

DESCRIPTION OF WORK TASK	HOURS/UNITS	RATE	AMOUNT
Details for Dannenbaum Engineering Corporation			
Management & Engineering Phase I			
Management (DEC)			
David Milner, Project Manager	3.00	\$ 345.06	\$ 1,035.18
Michael Kaspar, Project Engineer	39.00	174.44	6,803.16
Sonia Cantu, Project Engineer	19.00	112.50	2,137.50
Amanda Mayeaux, Clerical	1.00	62.56	62.56
Subtotal	62.00		\$ 10,038.40
Extras - Phase I			
Utility Coordination (DEC)			
Heather Arcolas, Clerical	0.75	\$ 93.89	\$ 70.42
Subtotal	0.75		\$ 70.42
Management & Engineering Phase II			
Management (DEC)			
David Milner, Project Manager	8.00	\$ 345.06	\$ 2,760.48
Michael Kaspar, Project Engineer	26.00	174.44	4,535.44
Juan Romero, Project Engineer	62.00	90.63	5,619.06
Heather Arcolas, Clerical	7.00	93.89	657.23
Miguel Tellez, Clerical	0.90	32.52	29.27
Subtotal	103.90		\$ 13,601.48
Segment B - Section 2 Design - Phase II			
Segment B - Section 2 Design			
Maen Hourani, Project Manager	27.50	\$ 218.74	\$ 6,015.35
Michael Kaspar, Project Engineer	8.00	174.44	1,395.52
David Layman, Project Surveyor	1.00	151.87	151.87
Ina Caceras, Project Engineer	26.50	126.36	3,348.54
Sonia Cantu, Project Engineer	37.00	112.50	4,162.50
Hajib Azouggagh, Project Engineer	15.00	93.75	1,406.25
Jeremy Craft, Project Engineer	52.50	93.75	4,921.88
Jeremiah Jones, Project Engineer	16.75	82.07	1,374.67
John English, Senior Engineering Technician	24.00	109.78	2,634.72
Subtotal	208.25		\$ 25,411.30
TCP Design - Phase II			
TCP Design			
Maen Hourani, Project Manager	13.00	\$ 218.74	\$ 2,843.62
Keith Frederickson, Senior Engineering Technician	18.00	135.99	2,447.82
Hajib Azouggagh, Project Engineer	73.00	93.75	6,843.75
Subtotal	104.00		\$ 12,135.19
Extras - Phase II			
Utility Coordination - Phase II			
Michael Kaspar, Project Engineer	16.00	\$ 174.44	\$ 2,791.04
Subtotal	16.00		\$ 2,791.04
Direct Expenses - Phase II			
D. Milner - Mileage	271.00	\$ 0.575	\$ 155.83
Gurrola Reprographics			872.97
Subtotal			\$ 1,028.80
TOTAL			\$ 65,076.63

**FM 1093 Westpark Extension
Progress Report
From September 11, 2015 to October 11, 2015
Report Date: October 12, 2015**

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

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

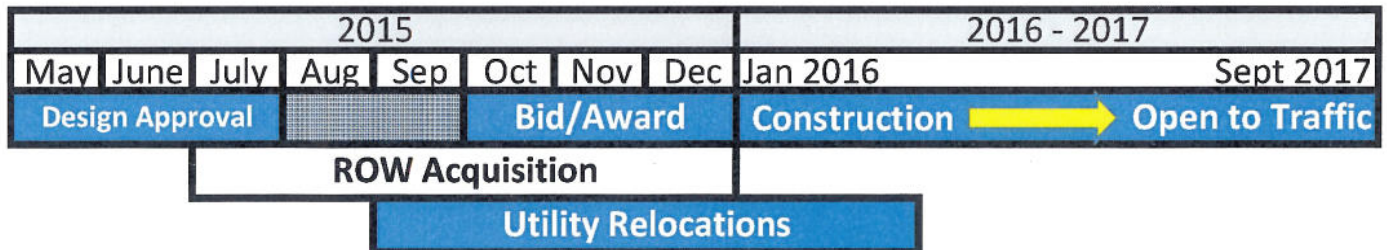
Phase I Project Description

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 submitted to TxDOT in August 2015
- Environmental Clearance: Obtained on April 17, 2015
- Bid Documents: Complete and ready for advertisement
- Utility Agreements: Underway with a scheduled completion by December 2015
- Utility Relocations: Scheduled to begin in October 2015
- Property Acquisition: Underway with a scheduled completion by early 2016
- Advertise and Award Project for construction: October through December 2015
- Construction: Scheduled to begin January 2016

PHASE I TIMELINE



**FM 1093 Westpark Extension
Progress Report
From September 11, 2015 to October 11, 2015
Report Date: October 12, 2015**

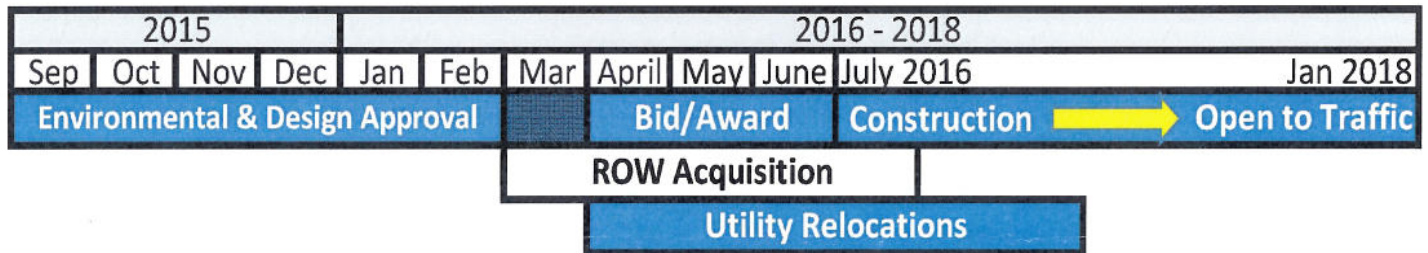
Phase II Project Description

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.
- Environmental Clearance: Expected by February 2016
- TxDOT Design Approval: 90% expected by December 2015
- Utility Agreements: Scheduled to be finalized by March 2016
- Utility Relocations: Scheduled to begin in early 2016
- Property Acquisition: Scheduled to be complete by August 2016
- Advertise and Award Project for construction: April through June 2016
- Construction: Scheduled to begin July 2016

PHASE II TIMELINE



David R. Milner, P.E.

**DANNENBAUM ENGINEERING CORPORATION
AUTO MILEAGE RECORD**

David Milner

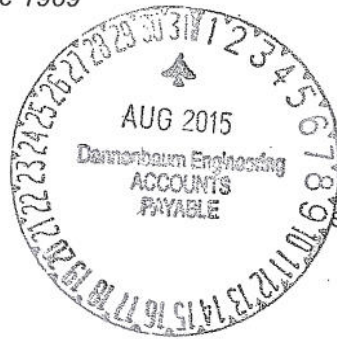
DESTINATION	BUSINESS PURPOSE	PROJECT NUMBER	DATE		ODOMETER		MILES	AMOUNT
			MONTH	DAY	BEGIN	END		
FM1093 Westpark	Meetings and briefings	4593.02	7	22	39,879	39,992	113	\$64.98
FM1093 Westpark	Meetings and briefings	4593.02	7	27	40,015	40,074	59	\$33.93
Ship Channel Bridge	Meetings and briefings	4742.01	7	28	40,074	40,095	21	\$12.08
FM1093 Westpark	Meetings and briefings	4593.02	7	31	40,174	40,180	6	\$3.45
Ship Channel Bridge	Meetings and briefings	4742.01	8	4	61,200	61,226	26	\$14.95
FM1093 Westpark	Meetings and briefings	4593.02	8	5	40,286	40,296	10	\$5.75
FM1093 Westpark	Meetings and briefings	4593.02	8	11	40,343	40,426	83	\$47.73
HESS MEETING	Meetings and briefings	9201-04-1120	8	12	40,426	40,430	4	\$2.30
Ship Channel Bridge	Meetings and briefings	4742.01	8	19	40,503	40,534	31	\$17.83
Ship Channel Bridge	Meetings and briefings	4742.01	8	25	40,647	40,676	29	\$16.68
Ship Channel Bridge	Meetings and briefings	4742.01	8	28	40,712	40,741	29	\$16.68
Ship Channel Bridge	Meetings and briefings	4742.01	9	1	40,758	40,782	24	\$13.80
Ship Channel Bridge	Meetings and briefings	4742.01	9	8	40,926	40,953	27	\$15.53
Ship Channel Bridge	Meetings and briefings	4742.01	9	9	40,967	40,995	28	\$16.10
Ship Channel Bridge	Meetings and briefings	4742.01	9	10	40,995	41,011	16	\$9.20
General Marketing	Comm Morgan's Function	9201-01-1120	9	11	41,036	41,103	67	\$38.53
General Office San Antonio (PEC)	Travel to San Antonio Office	9201-01-1120	9	12-14	35,000	35,404	404	\$232.30
Ship Channel Bridge	Meetings and briefings	4742.01	9	15	41,109	41,133	24	\$13.80
4742.01	255							
4593.02	271							
9201.01	475							
	1001							
TOTAL							1,001	\$575.58

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INVOICE DATE	INVOICE NO.	PAGE
08/28/15	0000192632	1


gurrolareprographics.com
 (713) 861-4277 NAF



SOLD TO: DANNENBAUM ENGINEERING
 3100 W. ALABAMA
 HOUSTON, TX 77098

SHIP TO: ATT: HEATHER ARCOLAS/MICHAEL KASPAR
 4593-02
 713-527-6321/713-527-6374

ORDER NO.	ORDER DATE	CUSTOMER NO.	SALES PERSON	PURCHASE ORDER NO.	SHIP VIA	SHIP DATE	TERMS
201373			HSE		4593-01	08/28/15	NET 30 DAY

QUANTITY ORDERED EACH / SQ FT	UNIT	PRODUCT NO.	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
4	EA	0138	SCREW POST BINDING		18.00
2342	EA	0104	XEROX BOND 11 X 17 1 SIDED 20LB PAP		351.30
4	EA	0123	CLEAR COVER 11 X 17		3.96
4	EA	0128	11 X 17 VINYL BACK		3.96
GUR2910 $4593.02 / 4750.00 = 408.34$					
 MICHAEL KASPAR					
✓ WESTPARK 4593-02 DIRECT EXPENSES					
Thank you for your business.					

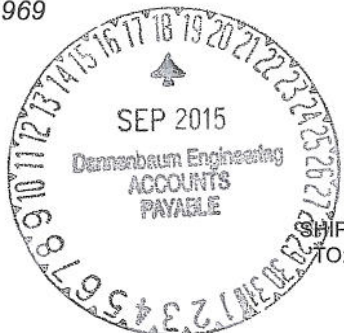
REMIT TO CENTRAL LOCATION:
 6161 Washington Avenue, Houston, Texas 77007

WEST LOCATION:
 11300 Katy Freeway #B600, Houston, Texas 77043

SUB TOTAL	377.22
SALES TAX	31.12
TOTAL	408.34
	0.00
	408.34

INVOICE DATE	INVOICE NO.	PAGE
09/17/15	0000193486	1

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 (713) 861-4277 LV



SOLD TO: DANNENBAUM ENGINEERING
 3100 W. ALABAMA
 HOUSTON, TX 77098

ATTN: HEATHER ARCOLAS/MICHAEL KASPAR
 PO# 4593-02
 713-527-6321

ORDER NO.	ORDER DATE	CUSTOMER NO.	SALES PERSON	PURCHASE ORDER NO.	SHIP VIA	SHIP DATE	TERMS
201374			HSE		000000000002013	7409/17/15	NET 30 DAY

QUANTITY ORDERED	UNIT	PRODUCT NO.	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
EACH / SQ FT					
4	EA	0123	CLEAR COVER 11 X 17	3.96	
4	EA	0128	11 X 17 VINYL BACK	3.96	
2342	EA	0104	XEROX BOND 11 X 17 1 SIDED 20LB PAP 2,342 B/W SINGLE	351.30	
2	EA	0150	ASSEMBLY OF MANUAL	70.00	

GUR2910
 4593.02 / 4750.00 = 464.63

Michael Kaspar

Thank you for your business.

REMIT TO CENTRAL LOCATION:
 6161 Washington Avenue, Houston, Texas 77007

WEST LOCATION:
 11300 Katy Freeway #B600, Houston, Texas 77043

SUB TOTAL	429.22
SALES TAX	35.41
TOTAL	464.63
	0.00
	464.63