

# 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  
P.O. Box 1449  
Rosenberg, Texas 77471

Invoice Date: July 10, 2013  
Invoice Period: 06/01/13 Through 06/30/13  
Invoice Number: 459301/20/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<br>CONTRACT<br>AMOUNTS | PERCENT<br>COMPLETE<br>TO DATE | AMOUNTS<br>EARNED<br>TO DATE | PREVIOUSLY<br>INVOICED<br>AMOUNTS | CURRENT<br>INVOICE<br>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>                                   | \$ 100,000.00                |                                | \$ 100,000.00                | \$ 100,000.00                     | \$ -                          |
| <b>PHASE I</b>                                                    |                              |                                |                              |                                   |                               |
| <b>Advanced Planning</b>                                          |                              |                                |                              |                                   |                               |
| Environmental / NEPA (Jacobs)                                     | \$ 189,506.00                | 77.89%                         | \$ 147,602.13                | \$ 147,602.13                     | \$ -                          |
| 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>Management &amp; Engineering</b>                               |                              |                                |                              |                                   |                               |
| Management (DEC) (See attached for breakdown)                     | \$ 982,806.93                | 58.08%                         | \$ 570,769.22                | \$ 561,002.51                     | \$ 9,766.71                   |
| Segment D Design (Costello)                                       | \$ 1,059,381.16              | 55.20%                         | \$ 584,796.51                | \$ 584,796.51                     | \$ -                          |
| Segment C Design (BBI)                                            | \$ 948,500.00                | 56.65%                         | \$ 537,360.69                | \$ 537,360.69                     | \$ -                          |
| Segment B Design (Half)                                           | \$ 370,757.00                | 68.09%                         | \$ 252,441.07                | \$ 252,441.07                     | \$ -                          |
| TCP Design (Klotz)                                                | \$ 284,040.00                | 70.00%                         | \$ 198,828.00                | \$ 198,828.00                     | \$ -                          |
| Traffic Engineering (Teds - Signing & Signals)                    | \$ 208,176.00                | 47.77%                         | \$ 99,439.94                 | \$ 99,439.94                      | \$ -                          |
| <b>Construction Management, Inspection &amp; Material Testing</b> | \$ -                         | 0.00%                          | \$ -                         | \$ -                              | \$ -                          |
| <b>Extras</b>                                                     |                              |                                |                              |                                   |                               |
| Survey (Weisser)                                                  | \$ 262,180.00                | 95.47%                         | \$ 250,309.21                | \$ 250,309.21                     | \$ -                          |
| ROW Parcel Mapping (Weisser)                                      | \$ 90,000.00                 | 100.00%                        | \$ 90,000.00                 | \$ 90,000.00                      | \$ -                          |
| Geotechnical (HTS)                                                | \$ 100,000.00                | 91.33%                         | \$ 91,333.00                 | \$ 91,333.00                      | \$ -                          |
| Signal Warrant Studies (Teds)                                     | \$ 2,820.00                  | 100.00%                        | \$ 2,820.00                  | \$ 2,820.00                       | \$ -                          |
| Utility Coordination (DEC) (See attached for breakdown)           | \$ 116,451.55                | 61.67%                         | \$ 71,818.90                 | \$ 71,818.90                      | \$ -                          |
| Utility Locating - SUE (LTRA)                                     | \$ 63,565.82                 | 100.00%                        | \$ 63,565.82                 | \$ 63,565.82                      | \$ -                          |
| Direct Expenses (DEC) (See attached for breakdown)                | \$ 14,689.54                 | 26.86%                         | \$ 3,945.29                  | \$ 3,796.69                       | \$ 148.60                     |
| <b>Subtotal PHASE I</b>                                           | \$ 5,056,625.00              |                                | \$ 3,328,780.78              | \$ 3,318,865.47                   | \$ 9,915.31                   |
| <b>PHASE II</b>                                                   |                              |                                |                              |                                   |                               |
| <b>Advanced Planning</b>                                          |                              |                                |                              |                                   |                               |
| Environmental (Klotz)                                             | \$ 297,135.00                | 90.00%                         | \$ 267,420.83                | \$ 267,420.83                     | \$ -                          |
| Schematic Design (Klotz)                                          | \$ 116,100.00                | 95.00%                         | \$ 110,295.00                | \$ 110,295.00                     | \$ -                          |
| Drainage Impact Report (Klotz)                                    | \$ 76,555.00                 | 95.00%                         | \$ 72,727.25                 | \$ 72,727.25                      | \$ -                          |
| <b>Management &amp; Engineering</b>                               |                              |                                |                              |                                   |                               |
| Management (DEC) (See attached for breakdown)                     | \$ 280,546.00                | 74.45%                         | \$ 208,863.88                | \$ 208,505.30                     | \$ 358.58                     |
| Segment B - Section 1 Design (Half)                               | \$ 586,500.00                | 0.00%                          | \$ -                         | \$ -                              | \$ -                          |
| Segment B - Section 2 Design (DEC) (See attached for breakdown)   | \$ 443,710.00                | 0.14%                          | \$ 604.50                    | \$ 604.50                         | \$ -                          |
| Segment A Design (CivilCorp)                                      | \$ 536,527.00                | 0.00%                          | \$ -                         | \$ -                              | \$ -                          |
| TCP Design (DEC) (See attached for breakdown)                     | \$ 287,808.00                | 1.93%                          | \$ 5,541.25                  | \$ 5,541.25                       | \$ -                          |
| Traffic Engineering (Teds - Signing & Signals)                    | \$ 200,182.00                | 0.00%                          | \$ -                         | \$ -                              | \$ -                          |
| <b>Construction Management, Inspection &amp; Material Testing</b> | \$ -                         | 0.00%                          | \$ -                         | \$ -                              | \$ -                          |
| <b>Extras</b>                                                     |                              |                                |                              |                                   |                               |
| Survey (Weisser)                                                  | \$ 50,000.00                 | 0.00%                          | \$ -                         | \$ -                              | \$ -                          |
| ROW Parcel Mapping (Weisser)                                      | \$ 95,945.00                 | 88.10%                         | \$ 84,527.55                 | \$ 84,527.55                      | \$ -                          |
| Geotechnical (HTS)                                                | \$ 115,000.00                | 57.78%                         | \$ 66,451.00                 | \$ 66,451.00                      | \$ -                          |
| Utility Coordination (DEC) (See attached for breakdown)           | \$ 92,722.00                 | 1.09%                          | \$ 1,006.25                  | \$ 1,006.25                       | \$ -                          |
| Utility Locating - SUE (LTRA)                                     | \$ 46,610.00                 | 28.51%                         | \$ 13,287.03                 | \$ 13,287.03                      | \$ -                          |
| Direct Expenses (DEC) (See attached for breakdown)                | \$ 25,000.00                 | 3.48%                          | \$ 869.35                    | \$ 869.35                         | \$ -                          |
| <b>Subtotal PHASE II</b>                                          | \$ 3,250,340.00              |                                | \$ 831,593.89                | \$ 831,235.31                     | \$ 358.58                     |
| <b>TOTALS</b>                                                     | \$ 8,406,965.00              | 50.68%                         | \$ 4,260,374.67              | \$ 4,250,100.78                   | \$ 10,273.89                  |

TOTAL AMOUNT DUE THIS INVOICE: **\$10,273.89**

| DESCRIPTION OF WORK TASK                              | HOURS/UNITS | RATE      | AMOUNT              |
|-------------------------------------------------------|-------------|-----------|---------------------|
| <b>Details for Dannenbaum Engineering Corporation</b> |             |           |                     |
| <b>Management &amp; Engineering Phase I</b>           |             |           |                     |
| Management (DEC)                                      |             |           |                     |
| David Milner, Project Manager                         | 27.00       | \$ 313.10 | \$ 8,453.70         |
| Michael Kaspar, Project Engineer                      | 9.00        | 143.75    | 1,293.75            |
| Tuan Nguyen, Clerical                                 | 0.50        | 38.52     | 19.26               |
| Subtotal                                              | 36.50       |           | \$ 9,766.71         |
| <b>Direct Expenses - Phase I</b>                      |             |           |                     |
| D. Milner - Mileage                                   | 211.00      | \$ 0.565  | \$ 119.22           |
| M. Kaspar - Mileage                                   | 52.00       | 0.565     | 29.38               |
| Subtotal                                              |             |           | \$ 148.60           |
| <b>Management &amp; Engineering Phase II</b>          |             |           |                     |
| Management (DEC)                                      |             |           |                     |
| Michael Kaspar, Project Engineer                      | 1.00        | \$ 143.75 | \$ 143.75           |
| Heather Arcolas, Clerical                             | 2.50        | 85.93     | 214.83              |
| Subtotal                                              | 3.50        |           | \$ 358.58           |
| <b>TOTAL</b>                                          |             |           | <b>\$ 10,273.89</b> |

**Progress Report No. 20**  
**From June 01, 2013 to June 30, 2013**  
**Report Date: July 10, 2013**

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**Mobility Bond Project #748, Precinct 3**

**Description:** FM 1093 Westpark Tollroad Extension Phase I  
SH 99 to FM 359

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

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

**Narrative:**

Our efforts in June were focused on advancement of the Draft Environmental Assessment. Following receipt of comments from FHWA on April 25, we worked with TxDOT to prepare comment responses and revise the Draft EA. We held a conference call with FHWA and TxDOT on June 3 to discuss and resolve outstanding comments. The revised EA was submitted back to FHWA on June 7. We anticipate a finding of Satisfactory for Further Processing by the beginning of July. A more detailed list of June activities is shown below.

**Activities This Month:**

**Environmental Process**

- Draft EA comments received from FHWA on April 25.
- Submitted responses to FHWA comments and revised EA to TxDOT on May 29.
- Held a conference call with FHWA for June 3.
- Re-submitted Draft EA back to FHWA on June 7.

**Survey**

- None.

**Geotechnical**

- None.

**Schematic**

- None.

**Hydraulic Impact Report**

- None.

**Utilities**

- None.

**Segment Design (PS&E)**

- Provided responses to TxDOT's comments on the 60% PS&E submittals.



**Progress Report No. 20**  
**From June 01, 2013 to June 30, 2013**  
**Report Date: July 10, 2013**

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**Approvals and Deliverables this Month:**

- None.

**Activities Next Month:**

**Environmental Process**

- Resolve and additional comments from FHWA.
- Obtain Satisfactory for Further Processing.

**Survey**

- None.

**Geotechnical**

- None.

**Utilities**

- None.

**Segment Design (PS&E)**

- Address additional 60% PS&E comments from TxDOT.

**Approvals and Deliverables next Month:**

- Obtain Satisfactory for Further Processing from FHWA.

**Schedule:**

Program Schedule is monitoring environmental assessment and final design PS&E activities. These efforts are now behind schedule when compared against the baseline timetables, previously discussed with the County.

**Projection Report:**

Segment Design is now on hold as we await resolution of FHWA comments on the EA, TxDOT comments on 60% submittals, and METRO right of way acquisition MOU.

**Issues and Concerns:**

- Coordination with METRO to identify property to be acquired.
- Finalizing Toll Collection points and Ramp locations with FBCTRA.
- Development of the Program cost-sharing plan between FBC and FBCTRA.

**Progress Report No. 20**  
**From June 01, 2013 to June 30, 2013**  
**Report Date: July 10, 2013**

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- Coordination with TxDOT to receive and address review comments.

**Assessment:**

Our efforts are focused on continuing to obtain environmental clearance and continuing design of the project.

A handwritten signature in black ink, appearing to read "David R. Milner", with a long horizontal flourish extending to the right.

David R. Milner, P.E.

**Progress Report No. 15**  
**From June 01, 2013 to June 30, 2013**  
**Report Date: July 10, 2013**

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**Mobility Bond Project #748, Precinct 3**

**Description:** FM 1093 Westpark Tollroad Extension Phase II  
FM 359/FM 1463 to James Lane in Fulshear

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

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

**Narrative:**

Our efforts in June were on hold as we await the MOU between the City of Fulshear and Private Developers.

**Activities This Month:**

**Environmental Process**

- Completed development of Draft Environmental Assessment (EA) in December 2012 based on locally preferred alternative as identified by the City of Fulshear in November 2011.

**Survey**

- None.

**Geotechnical**

- None.

**Schematic**

- Completed Schematic for submittal to TxDOT in December 2012 based on locally preferred alternative as identified by the City of Fulshear in November 2011.

**Hydraulic Impact Report**

- Completed Hydraulic Impact Report for submittal to TxDOT in December 2012 based on locally preferred alternative as identified by the City of Fulshear in November 2011.

**Utilities**

- None

**Approvals and Deliverables this Month:**

- Receipt of agreement between the City of Fulshear and property owners.

**Progress Report No. 15**  
**From June 01, 2013 to June 30, 2013**  
**Report Date: July 10, 2013**

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**Activities Next Month:**

**Environmental Process**

- None pending further direction.

**Survey**

- None.

**Geotechnical**

- None.

**Schematic**

- None pending further direction.

**Hydraulic Impact Report**

- None pending further direction.

**Utilities**

- None

**Approvals and Deliverables next Month:**

- None pending further direction.

**Schedule:**

Program Schedule is monitoring right of way survey, environmental assessment, schematic design, and hydraulic report design activities. These efforts have been delayed when compared against the baseline timetables, previously discussed with the County.

**Projection Report:**

Efforts related to survey, schematic design, hydraulic impact report, and the environmental process are on hold pending further direction from the County.

**Issues and Concerns:**

- Coordination with METRO to acquire property in a timely manner.
- Further direction from County, related to addressing alternative highway alignments west of Cross Creek Ranch, including FM 1093/FM 359 Intersection where proposed boulevard sections may cross METRO property.

**Progress Report No. 15**  
**From June 01, 2013 to June 30, 2013**  
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**Assessment:**

At this time we need direction from the County before advancing the environmental process, schematic, and hydraulic impact report. These documents are ready for submittal to TxDOT but cannot proceed without approval from the County. We anticipate resolution of the alignment by August, at which time we can move forward with preliminary design.

A handwritten signature in black ink, appearing to read "David R. Milner", with a long horizontal flourish extending to the right.

David R. Milner, P.E.



37350 DK

D. Milner

5



9/12/2009  
BRANCH DUE EMPLOYER / DEC

## m. Kaspar

\* - No Receipt. Cash paid on surface lot downtown.



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Work Authorization No. 1, including Amendment No. 1  
P.O. Number 85425  
Mobility Bond Project #748

REMITTANCE COPY  
PLEASE RETURN

| DESCRIPTION OF WORK TASK                                          | TOTAL<br>CONTRACT<br>AMOUNTS | PERCENT<br>COMPLETE<br>TO DATE | AMOUNTS<br>EARNED<br>TO DATE | PREVIOUSLY<br>INVOICED<br>AMOUNTS | CURRENT<br>INVOICE<br>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>                                   | \$ 100,000.00                |                                | \$ 100,000.00                | \$ 100,000.00                     | \$ -                          |
| <b>PHASE I</b>                                                    |                              |                                |                              |                                   |                               |
| <b>Advanced Planning</b>                                          |                              |                                |                              |                                   |                               |
| Environmental / NEPA (Jacobs)                                     | \$ 189,506.00                | 77.89%                         | \$ 147,602.13                | \$ 147,602.13                     | \$ -                          |
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| Management (DEC) (See attached for breakdown)                     | \$ 982,806.93                | 58.08%                         | \$ 570,769.22                | \$ 561,002.51                     | \$ 9,766.71                   |
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| Traffic Engineering (Teds - Signing & Signals)                    | \$ 208,176.00                | 47.77%                         | \$ 99,439.94                 | \$ 99,439.94                      | \$ -                          |
| <b>Construction Management, Inspection &amp; Material Testing</b> | \$ -                         | 0.00%                          | \$ -                         | \$ -                              | \$ -                          |
| <b>Extras</b>                                                     |                              |                                |                              |                                   |                               |
| Survey (Weisser)                                                  | \$ 262,180.00                | 95.47%                         | \$ 250,309.21                | \$ 250,309.21                     | \$ -                          |
| ROW Parcel Mapping (Weisser)                                      | \$ 90,000.00                 | 100.00%                        | \$ 90,000.00                 | \$ 90,000.00                      | \$ -                          |
| Geotechnical (HTS)                                                | \$ 100,000.00                | 91.33%                         | \$ 91,333.00                 | \$ 91,333.00                      | \$ -                          |
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| <b>PHASE II</b>                                                   |                              |                                |                              |                                   |                               |
| <b>Advanced Planning</b>                                          |                              |                                |                              |                                   |                               |
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| <b>Extras</b>                                                     |                              |                                |                              |                                   |                               |
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| <b>TOTALS</b>                                                     | \$ 8,406,965.00              | 50.68%                         | \$ 4,260,374.67              | \$ 4,250,100.78                   | \$ 10,273.89                  |

TOTAL AMOUNT DUE THIS INVOICE: \$10,273.89