

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-02  
ROAD: Doris Road  
LIMITS: FROM: At KCSRR/US 59  
TO: \_\_\_\_\_  
LENGTH: FEET = 3800  
MILES = 0.72  
DESCRIPTION: Construct Railroad Overpass and Roadway  
Construct 2500' of WBFR on Fill w/ Walls  
+ 200' Bridge Over RR and 1100' of Doris Road

**COST SUMMARY**

ENGINEERING	\$	931,907.80
RIGHT OF WAY	\$	378,200.00
CONST. PHASE SERVICES	\$	559,144.68
CONSTRUCTION	\$	9,319,078.00
TOTAL	\$	11,188,330.48

PREPARED BY: Matthew Estes

Date: 06/20/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ROADWAY &amp; DRAINAGE</b>					
REMOVAL/PREP ROW	STA	38	\$ 5,000.00	\$ 190,000.00	Paving items are inclusive of subgrade, base, surface, and earthwork
CONCRETE PAVEMENT					
2-LANE C&G (32' F-F)	STA		\$ 16,000.00	\$ -	
3-LANE C&G (38' F-F)	STA	25	\$ 25,000.00	\$ 625,000.00	
4-LANE DIVIDED C&G (52' F-F)	STA	11	\$ 36,000.00	\$ 396,000.00	200' length x 75' width
ASPHALT PAVEMENT					
NEW CONSTRUCTION	SY		\$ 85.00	\$ -	
REHABILITATION/OVERLAY	SY		\$ 15.00	\$ -	
RECONSTRUCTION/WIDEN	LN-MI		\$ 300,000.00	\$ -	
CONCRETE C&G	LF		\$ 15.00	\$ -	
BRIDGE	SF	15000	\$ 65.00	\$ 975,000.00	
STORM SEWER SYSTEM	STA	38	\$ 20,000.00	\$ 760,000.00	
CROSS CULVERT	EA	2	\$ 25,000.00	\$ 50,000.00	
OUTFALL	EA			\$ -	
<b>SUBTOTAL ROADWAY &amp; DRAINAGE</b>				\$ 2,996,000.00	
<b>UTILITIES</b>					
RELOCATE WATER DISTRIBUTION	STA		\$ 1,500.00	\$ -	
RELOCATE WATER TRANSMISSION	STA		\$ 3,500.00	\$ -	
RELOCATE SANITARY SEWER	STA		\$ 6,500.00	\$ -	
RELOCATE FORCE MAIN	STA		\$ 6,500.00	\$ -	
<b>SUBTOTAL UTILITIES</b>				\$ -	

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<b>TOTAL</b>	<b>\$</b>	<b>11,188,330.48</b>

PREPARED BY: Matthew Estes

Date: 06/20/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>MISCELLANEOUS</b>					
SIGNALIZED INTERSECTION	EA	1	\$ 125,000.00	\$ 125,000.00	
ROADWAY ILLUMINATION	MI	0.72	\$ 200,000.00	\$ 144,000.00	
SIGNING & PAVEMENT MARKINGS	STA	38	\$ 600.00	\$ 22,800.00	
BLOCK SOD	SY		\$ 5.00	\$ -	
SWPPP	STA	38	\$ 2,000.00	\$ 76,000.00	
<b>SUBTOTAL MISCELLANEOUS</b>				<b>\$ 367,800.00</b>	
<b>SPECIAL ITEMS</b>					
RETAINING WALL	SF	75000	\$ 50.00	\$ 3,750,000.00	2500'/2 x 30'
PUMP STATION	EA		\$ 20,000.00	\$ -	
DETENTION POND	AC-FT		\$ 50,000.00	\$ -	
IN-LINE DETENTION	AC-FT		\$ 300,000.00	\$ -	
LANDSCAPING	STA		\$ 10,000.00	\$ -	
SIDEWALK	STA		\$ 6,000.00	\$ -	
<b>SUBTOTAL SPECIAL ITEMS</b>				<b>\$ 3,750,000.00</b>	
TRAFFIC CONTROL PLAN (1%-5% CONST ITEMS)	LS	1	1%	\$ 71,138.00	
MOBILIZATION (5%-10% CONST ITEMS)	LS	1	5%	\$ 355,690.00	
CONTINGENCY (25% CONST ITEMS)	LS	1	25%	\$ 1,778,450.00	
<b>CONSTRUCTION COST TOTAL</b>				<b>\$ 9,319,078.00</b>	

**PROGRAM ESTIMATE  
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ROAD: Doris Road  
LIMITS: FROM: At KCSRR/US 59  
TO: \_\_\_\_\_  
LENGTH: FEET = 3800  
MILES = 0.72  
DESCRIPTION: Construct Railroad Overpass and Roadway  
Construct 2500' of WBFR on Fill w/ Walls  
+ 200' Bridge Over RR and 1100' of Doris Road

**COST SUMMARY**

ENGINEERING	\$	931,907.80
RIGHT OF WAY	\$	378,200.00
CONST. PHASE SERVICES	\$	559,144.68
CONSTRUCTION	\$	9,319,078.00
<b>TOTAL</b>	<b>\$</b>	<b>11,188,330.48</b>

PREPARED BY: Matthew Estes

Date: 06/20/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ENGINEERING</b>					
PREL ENG REPORT (4% CONST COST)	LS	1	4%	\$ 372,763.12	
PS&E DOCUMENTS (6% CONST COST)	LS	1	6%	\$ 559,144.68	
<b>SUBTOTAL ENGINEERING</b>				\$ 931,907.80	
<b>CONSTRUCTION PHASE SERVICES</b>					
CONST PHASE SERVICES (2% CONST)	LS	1	2%	\$ 186,381.56	
LABORATORY TESTING (4% CONST)	LS	1	4%	\$ 372,763.12	
<b>SUBTOTAL CONSTRUCTION PHASE SERVICES</b>				\$ 559,144.68	
<b>RIGHT OF WAY</b>					
UNDEVELOPED	SF	91000	\$ 0.20	\$ 18,200.00	1300' x 70'
HARD CORNERS	SF		\$ 0.20	\$ -	
STRUCTURES	EA			\$ -	
MAPPING & ACQUISITION	PARCEL	6	\$ 10,000.00	\$ 60,000.00	
PIPELINE RELOCATION	EA	1	\$ 300,000.00	\$ 300,000.00	7" Gas
<b>SUBTOTAL RIGHT OF WAY</b>				\$ 378,200.00	
<b>PROJECT COST SUMMARY</b>					
ENGINEERING				\$ 931,907.80	
RIGHT OF WAY				\$ 378,200.00	
CONSTRUCTION PHASE SERVICES				\$ 559,144.68	
CONSTRUCTION				\$ 9,319,078.00	
<b>TOTAL PROJECT COST</b>				\$ 11,188,330.48	Land cost plus acquisition cost materials testing & constr. eng

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-03  
ROAD: FM 1994  
LIMITS: FROM: 2665' West of FM 361  
TO: 835' East of FM 361  
LENGTH: FEET = 3500  
MILES = 0.66

DESCRIPTION: Re-align FM 1994 to remove dogleg while  
avoiding the existing Electric Transmission line.

**COST SUMMARY**

ENGINEERING	\$	244,664.33
RIGHT OF WAY	\$	170,000.00
CONST. PHASE SERVICES	\$	146,798.60
CONSTRUCTION	\$	2,446,643.33
<b>TOTAL</b>	<b>\$</b>	<b>3,008,106.27</b>

PREPARED BY: Matthew Estes

Date: 06/20/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ROADWAY &amp; DRAINAGE</b>					
REMOVAL/PREP ROW	STA	35.00	\$ 5,000.00	\$ 175,000.00	Paving items are inclusive of subgrade, base, surface, and earthwork
CONCRETE PAVEMENT					
2-LANE C&G (32' F-F)	STA		\$ 16,000.00	\$ -	
3-LANE C&G (38' F-F)	STA		\$ 25,000.00	\$ -	
4-LANE DIVIDED C&G (52' F-F)	STA		\$ 36,000.00	\$ -	
ASPHALT PAVEMENT					
NEW CONSTRUCTION	SY	17111	\$ 85.00	\$ 1,454,444.44	3500' length x 44' width
REHABILITATION/OVERLAY	SY		\$ 15.00	\$ -	
RECONSTRUCTION/WIDEN	LN-MI		\$ 300,000.00	\$ -	
CONCRETE C&G	LF		\$ 15.00	\$ -	
BRIDGE	SF		\$ 65.00	\$ -	
STORM SEWER SYSTEM	STA		\$ 20,000.00	\$ -	
CROSS CULVERT	EA	2	\$ 25,000.00	\$ 50,000.00	
OUTFALL	EA			\$ -	
<b>SUBTOTAL ROADWAY &amp; DRAINAGE</b>				\$ 1,679,444.44	
<b>UTILITIES</b>					
RELOCATE WATER DISTRIBUTION	STA		\$ 1,500.00	\$ -	
RELOCATE WATER TRANSMISSION	STA		\$ 3,500.00	\$ -	
RELOCATE SANITARY SEWER	STA		\$ 6,500.00	\$ -	
RELOCATE FORCE MAIN	STA		\$ 6,500.00	\$ -	
<b>SUBTOTAL UTILITIES</b>				\$ -	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-03  
ROAD: FM 1994  
LIMITS: FROM: 2665' West of FM 361  
TO: 835' East of FM 361  
LENGTH: FEET = 3500  
MILES = 0.66  
DESCRIPTION: Re-align FM 1994 to remove dogleg while  
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**COST SUMMARY**

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<b>TOTAL</b>	<b>\$</b>	<b>3,008,106.27</b>

PREPARED BY: Matthew Estes

Date: 06/20/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>MISCELLANEOUS</b>					
SIGNALIZED INTERSECTION	EA		\$ 125,000.00	\$ -	
ROADWAY ILLUMINATION	MI		\$ 200,000.00	\$ -	
SIGNING & PAVEMENT MARKINGS	STA	35.00	\$ 600.00	\$ 21,000.00	
BLOCK SOD	SY		\$ 5.00		
SWPPP	STA	35.00	\$ 2,000.00	\$ 70,000.00	
<b>SUBTOTAL MISCELLANEOUS</b>				\$ 91,000.00	
<b>SPECIAL ITEMS</b>					
RETAINING WALL	SF		\$ 50.00	\$ -	
PUMP STATION	EA		\$ 20,000.00	\$ -	
DETENTION POND	AC-FT	1.94	\$ 50,000.00	\$ 97,222.22	Replace Exist Pond
IN-LINE DETENTION	AC-FT		\$ 300,000.00	\$ -	
LANDSCAPING	STA		\$ 10,000.00	\$ -	
SIDEWALK	STA		\$ 6,000.00	\$ -	
<b>SUBTOTAL SPECIAL ITEMS</b>				\$ 97,222.22	
TRAFFIC CONTROL PLAN (1%-5% CONST ITEMS)	LS	1	1%	\$ 18,676.67	
MOBILIZATION (5%-10% CONST ITEMS)	LS	1	5%	\$ 93,383.33	
CONTINGENCY (25% CONST ITEMS)	LS	1	25%	\$ 466,916.67	
<b>CONSTRUCTION COST TOTAL</b>				\$ 2,446,643.33	

**PROGRAM ESTIMATE  
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ROAD: FM 1994  
LIMITS: FROM: 2665' West of FM 361  
            TO: 835' East of FM 361  
LENGTH: FEET = 3500  
            MILES = 0.66

DESCRIPTION: Re-align FM 1994 to remove dogleg while  
avoiding the existing Electric Transmission line.

**COST SUMMARY**

ENGINEERING	\$	244,664.33
RIGHT OF WAY	\$	170,000.00
CONST. PHASE SERVICES	\$	146,798.60
CONSTRUCTION	\$	2,446,643.33
<b>TOTAL</b>	<b>\$</b>	<b>3,008,106.27</b>

PREPARED BY: Matthew Estes

Date: 06/20/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ENGINEERING</b>					
PREL ENG REPORT (4% CONST COST)	LS	1	4%	\$ 97,865.73	
PS&E DOCUMENTS (6% CONST COST)	LS	1	6%	\$ 146,798.60	
<b>SUBTOTAL ENGINEERING</b>				<b>\$ 244,664.33</b>	
<b>CONSTRUCTION PHASE SERVICES</b>					
CONST PHASE SERVICES (2% CONST)	LS	1	2%	\$ 48,932.87	
LABORATORY TESTING (4% CONST)	LS	1	4%	\$ 97,865.73	
<b>SUBTOTAL CONSTRUCTION PHASE SERVICES</b>				<b>\$ 146,798.60</b>	
<b>RIGHT OF WAY</b>					
UNDEVELOPED	SF	350000	\$ 0.20	\$ 70,000.00	3500' x 100'
HARD CORNERS	SF		\$ 0.20	\$ -	
STRUCTURES	EA			\$ -	
MAPPING & ACQUISITION	PARCEL	10	\$ 10,000.00	\$ 100,000.00	
PIPELINE RELOCATION	EA			\$ -	
<b>SUBTOTAL RIGHT OF WAY</b>				<b>\$ 170,000.00</b>	
<b>PROJECT COST SUMMARY</b>					
ENGINEERING				\$ 244,664.33	Land cost plus acquisition cost materials testing & constr. eng
RIGHT OF WAY				\$ 170,000.00	
CONSTRUCTION PHASE SERVICES				\$ 146,798.60	
CONSTRUCTION				\$ 2,446,643.33	
<b>TOTAL PROJECT COST</b>				<b>\$ 3,008,106.27</b>	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-04  
ROAD: FM 762-Segment 1  
LIMITS: FROM: FM 1640 (Golfview Dr)  
TO: 400' West of FM 2977  
LENGTH: FEET = 8300  
MILES = 1.57

DESCRIPTION: Construct 6-Lane Conc Curb & Gutter  
6-Lanes from FM 1640 to 325' E of Int.  
Add 1-Lane ea/dir from 325' E of FM 1640 to  
1575' W of FM 2977  
6-Lanes from 1575' W of FM 2977 to 400' W of  
FM 2977

**COST SUMMARY**

ENGINEERING	\$	922,624.50
RIGHT OF WAY	\$	2,759,800.00
CONST. PHASE SERVICES	\$	553,574.70
CONSTRUCTION	\$	9,226,245.00
<b>TOTAL</b>	<b>\$</b>	<b>13,462,244.20</b>

PREPARED BY: Matthew Estes

Date: 06/20/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ROADWAY &amp; DRAINAGE</b>					
REMOVAL/PREP ROW	STA	83.00	\$ 5,000.00	\$ 415,000.00	Paving items are inclusive of subgrade, base, surface, and earthwork
CONCRETE PAVEMENT					
2-LANE C&G (32' F-F)	STA		\$ 16,000.00	\$ -	
3-LANE C&G (38' F-F)	STA		\$ 25,000.00	\$ -	
6-LANE DIVIDED C&G (76' F-F)	STA	37.67	\$ 54,000.00	\$ 2,034,000.00	15 Full Sta + 68 Sta Adding 1-Lane ea/dir
ASPHALT PAVEMENT					
NEW CONSTRUCTION	SY		\$ 85.00	\$ -	
REHABILITATION/OVERLAY	SY		\$ 15.00	\$ -	
RECONSTRUCTION/WIDEN	LN-MI		\$ 300,000.00	\$ -	
CONCRETE C&G	LF		\$ 15.00	\$ -	
BRIDGE	SF	9120	\$ 65.00	\$ 592,800.00	Widen 380' Bridge 24' over US 59
STORM SEWER SYSTEM	STA	83.00	\$ 20,000.00	\$ 1,660,000.00	
CROSS CULVERT	EA	12	\$ 25,000.00	\$ 300,000.00	3- Large mult-barrel structures to lengthen
OUTFALL	EA			\$ -	
<b>SUBTOTAL ROADWAY &amp; DRAINAGE</b>				\$ 5,001,800.00	
<b>UTILITIES</b>					
RELOCATE WATER DISTRIBUTION	STA	20.75	\$ 1,500.00	\$ 31,125.00	25% of the length of the project
RELOCATE WATER TRANSMISSION	STA	20.75	\$ 3,500.00	\$ 72,625.00	25% of the length of the project
RELOCATE SANITARY SEWER	STA	20.75	\$ 6,500.00	\$ 134,875.00	25% of the length of the project
RELOCATE FORCE MAIN	STA	8.3	\$ 6,500.00	\$ 53,950.00	10% of the length of the project
<b>SUBTOTAL UTILITIES</b>				\$ 292,575.00	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-04  
ROAD: FM 762-Segment 1  
LIMITS: FROM: FM 1640 (Golfview Dr)  
TO: 400' West of FM 2977  
LENGTH: FEET = 8300  
MILES = 1.57

DESCRIPTION: Construct 6-Lane Conc Curb & Gutter  
6-Lanes from FM 1640 to 325' E of Int.  
Add 1-Lane ea/dir from 325' E of FM 1640 to  
1575' W of FM 2977  
6-Lanes from 1575' W of FM 2977 to 400' W of  
FM 2977

**COST SUMMARY**

ENGINEERING	\$	922,624.50
RIGHT OF WAY	\$	2,759,800.00
CONST. PHASE SERVICES	\$	553,574.70
CONSTRUCTION	\$	9,226,245.00
<b>TOTAL</b>	<b>\$</b>	<b>13,462,244.20</b>

PREPARED BY: Matthew Estes

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>MISCELLANEOUS</b>					
SIGNALIZED INTERSECTION	EA	2	\$ 125,000.00	\$ 250,000.00	
ROADWAY ILLUMINATION	MI		\$ 200,000.00	\$ -	
SIGNING & PAVEMENT MARKINGS	STA	83.00	\$ 600.00	\$ 49,800.00	
BLOCK SOD	SY		\$ 5.00	\$ -	
SWPPP	STA	83.00	\$ 2,000.00	\$ 166,000.00	
<b>SUBTOTAL MISCELLANEOUS</b>				\$ 465,800.00	
<b>SPECIAL ITEMS</b>					
RETAINING WALL	SF		\$ 50.00	\$ -	
PUMP STATION	EA		\$ 20,000.00	\$ -	
DETENTION POND	AC-FT		\$ 50,000.00	\$ -	
IN-LINE DETENTION	AC-FT		\$ 300,000.00	\$ -	
LANDSCAPING	STA	83.00	\$ 10,000.00	\$ 830,000.00	
SIDEWALK	STA		\$ 6,000.00	\$ -	
<b>SUBTOTAL SPECIAL ITEMS</b>				\$ 830,000.00	
TRAFFIC CONTROL PLAN (1%-5% CONST ITEMS)	LS	1	5%	\$ 329,508.75	
MOBILIZATION (5%-10% CONST ITEMS)	LS	1	10%	\$ 659,017.50	
CONTINGENCY (25% CONST ITEMS)	LS	1	25%	\$ 1,647,543.75	
<b>CONSTRUCTION COST TOTAL</b>				\$ 9,226,245.00	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

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ROAD: FM 762-Segment 1  
LIMITS: FROM: FM 1640 (Golfview Dr)  
TO: 400' West of FM 2977  
LENGTH: FEET = 8300  
MILES = 1.57

DESCRIPTION: Construct 6-Lane Conc Curb & Gutter  
6-Lanes from FM 1640 to 325' E of Int.  
Add 1-Lane ea/dir from 325' E of FM 1640 to  
1575' W of FM 2977  
6-Lanes from 1575' W of FM 2977 to 400' W of  
FM 2977

**COST SUMMARY**

ENGINEERING	\$	922,624.50
RIGHT OF WAY	\$	2,759,800.00
CONST. PHASE SERVICES	\$	553,574.70
CONSTRUCTION	\$	9,226,245.00
<b>TOTAL</b>	<b>\$</b>	<b>13,462,244.20</b>

PREPARED BY: Matthew Estes

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ENGINEERING</b>					
PREL ENG REPORT (4% CONST COST)	LS	1	4%	\$ 369,049.80	
PS&E DOCUMENTS (6% CONST COST)	LS	1	6%	\$ 553,574.70	
<b>SUBTOTAL ENGINEERING</b>				\$ 922,624.50	
<b>CONSTRUCTION PHASE SERVICES</b>					
CONST PHASE SERVICES (2% CONST)	LS	1	2%	\$ 184,524.90	
LABORATORY TESTING (4% CONST)	LS	1	4%	\$ 369,049.80	
<b>SUBTOTAL CONSTRUCTION PHASE SERVICES</b>				\$ 553,574.70	
<b>RIGHT OF WAY</b>					
UNDEVELOPED	SF	249000	\$ 10.20	\$ 2,539,800.00	8300' x 30'
HARD CORNERS	SF		\$ 10.20	\$ -	
STRUCTURES	EA			\$ -	
MAPPING & ACQUISITION	PARCEL	22	\$ 10,000.00	\$ 220,000.00	
PIPELINE RELOCATION	EA			\$ -	
<b>SUBTOTAL RIGHT OF WAY</b>				\$ 2,759,800.00	
<b>PROJECT COST SUMMARY</b>					
ENGINEERING				\$ 922,624.50	Land cost plus acquisition cost materials testing & constr. eng
RIGHT OF WAY				\$ 2,759,800.00	
CONSTRUCTION PHASE SERVICES				\$ 553,574.70	
CONSTRUCTION				\$ 9,226,245.00	
<b>TOTAL PROJECT COST</b>				\$ 13,462,244.20	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-05  
ROAD: FM 762 Segment 2  
LIMITS: FROM: 400' West of FM 2977  
TO: FM 2759  
LENGTH: FEET = 12850  
MILES = 2.43  
DESCRIPTION: Construct 4-Lane Conc Curb & Gutter

**COST SUMMARY**

ENGINEERING	\$	1,450,478.75
RIGHT OF WAY	\$	649,200.00
CONST. PHASE SERVICES	\$	870,287.25
CONSTRUCTION	\$	14,504,787.50
<b>TOTAL</b>	<b>\$</b>	<b>17,474,753.50</b>

PREPARED BY: Matthew Estes

Date: 06/20/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ROADWAY &amp; DRAINAGE</b>					
REMOVAL/PREP ROW	STA	128.50	\$ 5,000.00	\$ 642,500.00	Paving items are inclusive of subgrade, base, surface, and earthwork
CONCRETE PAVEMENT					
2-LANE C&G (32' F-F)	STA		\$ 16,000.00	\$ -	
3-LANE C&G (38' F-F)	STA		\$ 25,000.00	\$ -	
4-LANE DIVIDED C&G (52' F-F)	STA	128.5	\$ 36,000.00	\$ 4,626,000.00	
ASPHALT PAVEMENT					
NEW CONSTRUCTION	SY		\$ 85.00	\$ -	
REHABILITATION/OVERLAY	SY		\$ 15.00	\$ -	
RECONSTRUCTION/WIDEN	LN-MI		\$ 300,000.00	\$ -	
CONCRETE C&G	LF		\$ 15.00	\$ -	
BRIDGE	SF		\$ 65.00	\$ -	
STORM SEWER SYSTEM	STA	128.50	\$ 20,000.00	\$ 2,570,000.00	
CROSS CULVERT	EA	3	\$ 25,000.00	\$ 75,000.00	
OUTFALL	EA			\$ -	
<b>SUBTOTAL ROADWAY &amp; DRAINAGE</b>				<b>\$ 7,913,500.00</b>	
<b>UTILITIES</b>					
RELOCATE WATER DISTRIBUTION	STA	32.125	\$ 1,500.00	\$ 48,187.50	25% of the length of the project
RELOCATE WATER TRANSMISSION	STA	32.125	\$ 3,500.00	\$ 112,437.50	25% of the length of the project
RELOCATE SANITARY SEWER	STA	32.125	\$ 6,500.00	\$ 208,812.50	25% of the length of the project
RELOCATE FORCE MAIN	STA	12.85	\$ 6,500.00	\$ 83,525.00	10% of the length of the project
<b>SUBTOTAL UTILITIES</b>				<b>\$ 452,962.50</b>	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-05  
ROAD: FM 762 Segment 2  
LIMITS: FROM: 400' West of FM 2977  
TO: FM 2759  
LENGTH: FEET = 12850  
MILES = 2.43  
DESCRIPTION: Construct 4-Lane Conc Curb & Gutter

**COST SUMMARY**

ENGINEERING	\$	1,450,478.75
RIGHT OF WAY	\$	649,200.00
CONST. PHASE SERVICES	\$	870,287.25
CONSTRUCTION	\$	14,504,787.50
<b>TOTAL</b>	<b>\$</b>	<b>17,474,753.50</b>

PREPARED BY: Matthew Estes

Date: 06/20/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>MISCELLANEOUS</b>					
SIGNALIZED INTERSECTION	EA	3	\$ 125,000.00	\$ 375,000.00	
ROADWAY ILLUMINATION	MI		\$ 200,000.00	\$ -	
SIGNING & PAVEMENT MARKINGS	STA	128.50	\$ 600.00	\$ 77,100.00	
BLOCK SOD	SY		\$ 5.00	\$ -	
SWPPP	STA	128.50	\$ 2,000.00	\$ 257,000.00	
<b>SUBTOTAL MISCELLANEOUS</b>				\$ 709,100.00	
<b>SPECIAL ITEMS</b>					
RETAINING WALL	SF		\$ 50.00	\$ -	
PUMP STATION	EA		\$ 20,000.00	\$ -	
DETENTION POND	AC-FT		\$ 50,000.00	\$ -	
IN-LINE DETENTION	AC-FT		\$ 300,000.00	\$ -	
LANDSCAPING	STA	128.5	\$ 10,000.00	\$ 1,285,000.00	
SIDEWALK	STA		\$ 6,000.00	\$ -	
<b>SUBTOTAL SPECIAL ITEMS</b>				\$ 1,285,000.00	
TRAFFIC CONTROL PLAN (1%-5% CONST ITEMS)	LS	1	5%	\$ 518,028.13	
MOBILIZATION (5%-10% CONST ITEMS)	LS	1	10%	\$ 1,036,056.25	
CONTINGENCY (25% CONST ITEMS)	LS	1	25%	\$ 2,590,140.63	
<b>CONSTRUCTION COST TOTAL</b>				\$ 14,504,787.50	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-05  
ROAD: FM 762 Segment 2  
LIMITS: FROM: 400' West of FM 2977  
TO: FM 2759  
LENGTH: FEET = 12850  
MILES = 2.43  
DESCRIPTION: Construct 4-Lane Conc Curb & Gutter

**COST SUMMARY**

ENGINEERING	\$	1,450,478.75
RIGHT OF WAY	\$	649,200.00
CONST. PHASE SERVICES	\$	870,287.25
CONSTRUCTION	\$	14,504,787.50
<b>TOTAL</b>	<b>\$</b>	<b>17,474,753.50</b>

PREPARED BY: Matthew Estes

Date: 06/20/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ENGINEERING</b>					
PREL ENG REPORT (4% CONST COST)	LS	1	4%	\$ 580,191.50	
PS&E DOCUMENTS (6% CONST COST)	LS	1	6%	\$ 870,287.25	
<b>SUBTOTAL ENGINEERING</b>				\$ 1,450,478.75	
<b>CONSTRUCTION PHASE SERVICES</b>					
CONST PHASE SERVICES (2% CONST)	LS	1	2%	\$ 290,095.75	
LABORATORY TESTING (4% CONST)	LS	1	4%	\$ 580,191.50	
<b>SUBTOTAL CONSTRUCTION PHASE SERVICES</b>				\$ 870,287.25	
<b>RIGHT OF WAY</b>					
UNDEVELOPED	SF	257000	\$ 1.10	\$ 282,700.00	12,850' x 20'
HARD CORNERS	SF	15000	\$ 1.10	\$ 16,500.00	5000 SF per intersection x 3 int.
STRUCTURES	EA			\$ -	
MAPPING & ACQUISITION	PARCEL	35	\$ 10,000.00	\$ 350,000.00	Estimate
PIPELINE RELOCATION	EA			\$ -	
<b>SUBTOTAL RIGHT OF WAY</b>				\$ 649,200.00	
<b>PROJECT COST SUMMARY</b>					
ENGINEERING				\$ 1,450,478.75	
RIGHT OF WAY				\$ 649,200.00	
CONSTRUCTION PHASE SERVICES				\$ 870,287.25	
CONSTRUCTION				\$ 14,504,787.50	
<b>TOTAL PROJECT COST</b>				\$ 17,474,753.50	Land cost plus acquisition cost materials testing & constr. eng

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-06  
ROAD: Sycamore  
LIMITS: FROM: Eaglewood Trail  
TO: Rabb Rd.  
LENGTH: FEET = 1300  
MILES = 0.25

DESCRIPTION: Straighten curve: 2-lane asphalt w/ shoulders by R&B, complete intersection w/ Teal Estates Blvd., 80' ROW purchase

**COST SUMMARY**

ENGINEERING	\$	65,287.50
RIGHT OF WAY	\$	134,400.00
CONST. PHASE SERVICES	\$	39,172.50
CONSTRUCTION	\$	652,875.00
<b>TOTAL</b>	<b>\$</b>	<b>891,735.00</b>

PREPARED BY: SPI - MCD

Date: 06/20/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ROADWAY &amp; DRAINAGE</b>					
REMOVAL/PREP ROW	STA	14.5	\$ 5,000.00	\$ 72,500.00	Paving items are inclusive of subgrade, base, surface, and earthwork Have to avoid water treatment plant Lots of power poles
CONCRETE PAVEMENT					
3-LANE C&G (38' F-F)	STA		\$ 25,000.00	\$ -	
4-LANE DIVIDED C&G (52' F-F)	STA		\$ 36,000.00	\$ -	
5-LANE C&G (62' F-F)	STA		\$ 40,000.00	\$ -	
ASPHALT PAVEMENT					1300' long 36' wide - 12' lanes with 6' shoulders
NEW CONSTRUCTION	SY	5200	\$ 85.00	\$ 442,000.00	
REHABILITATION/OVERLAY	SY		\$ 15.00	\$ -	
CHIP SEAL & WIDEN	LN-MI		\$ 300,000.00	\$ -	
BRIDGE	SF		\$ 65.00	\$ -	
STORM SEWER SYSTEM	STA		\$ 20,000.00	\$ -	Possible interference with Teal estates.
CROSS CULVERT	EA		\$ 25,000.00	\$ -	
OUTFALL	EA			\$ -	
<b>SUBTOTAL ROADWAY &amp; DRAINAGE</b>				\$ 514,500.00	
<b>UTILITIES</b>					
RELOCATE WATER DISTRIBUTION	STA		\$ 150.00	\$ -	
RELOCATE WATER TRANSMISSION	STA		\$ 350.00	\$ -	
RELOCATE SANITARY SEWER	STA		\$ 650.00	\$ -	
RELOCATE FORCE MAIN	STA		\$ 650.00	\$ -	
<b>SUBTOTAL UTILITIES</b>				\$ -	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-06  
ROAD: Sycamore  
LIMITS: FROM: Eaglewood Trail  
TO: Rabb Rd.  
LENGTH: FEET = 1300  
MILES = 0.25

DESCRIPTION: Straighten curve: 2-lane asphalt w/ shoulders by R&B, complete intersection w/ Teal Estates Blvd., 80' ROW purchase

**COST SUMMARY**

ENGINEERING	\$	65,287.50
RIGHT OF WAY	\$	134,400.00
CONST. PHASE SERVICES	\$	39,172.50
CONSTRUCTION	\$	652,875.00
<b>TOTAL</b>	<b>\$</b>	<b>891,735.00</b>

PREPARED BY: SPI - MCD

Date: 06/20/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>MISCELLANEOUS</b>					
SIGNALIZED INTERSECTION	EA		\$ 125,000.00	\$ -	
ROADWAY ILLUMINATION	MI		\$ 200,000.00	\$ -	
SIGNING & PAVEMENT MARKINGS	STA	13	\$ 600.00	\$ 7,800.00	
SWPPP	STA		\$ 2,000.00	\$ -	
<b>SUBTOTAL MISCELLANEOUS</b>				\$ 7,800.00	
<b>SPECIAL ITEMS</b>					
RETAINING WALL	SF		\$ 50.00	\$ -	
PUMP STATION	EA		\$ 20,000.00	\$ -	
DETENTION POND	AC-FT		\$ 50,000.00	\$ -	
IN-LINE DETENTION	AC-FT		\$ 300,000.00	\$ -	
LANDSCAPING	STA		\$ 10,000.00	\$ -	
<b>SUBTOTAL SPECIAL ITEMS</b>				\$ -	
TRAFFIC CONTROL PLAN (1%-5% CONST ITEMS)	LS		1%	\$ -	
MOBILIZATION (5%-10% CONST ITEMS)	LS		5%	\$ -	
CONTINGENCY (25% CONST ITEMS)	LS	1	25%	\$ 130,575.00	
<b>CONSTRUCTION COST TOTAL</b>				\$ 652,875.00	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-06  
ROAD: Sycamore  
LIMITS: FROM: Eaglewood Trail  
TO: Rabb Rd.  
LENGTH: FEET = 1300  
MILES = 0.25

DESCRIPTION: Straighten curve: 2-lane asphalt w/ shoulders by R&B, complete intersection w/ Teal Estates Blvd., 80' ROW purchase

**COST SUMMARY**

ENGINEERING	\$	65,287.50
RIGHT OF WAY	\$	134,400.00
CONST. PHASE SERVICES	\$	39,172.50
CONSTRUCTION	\$	652,875.00
<b>TOTAL</b>	<b>\$</b>	<b>891,735.00</b>

PREPARED BY: SPI - MCD

Date: 06/20/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ENGINEERING</b>					
PREL ENG REPORT (4% CONST COST)	LS	1	4%	\$ 26,115.00	
PS&E DOCUMENTS (6% CONST COST)	LS	1	6%	\$ 39,172.50	
<b>SUBTOTAL ENGINEERING</b>				\$ 65,287.50	
<b>CONSTRUCTION PHASE SERVICES</b>					
CONST PHASE SERVICES (2% CONST)	LS	1	2%	\$ 13,057.50	
LABORATORY TESTING (4% CONST)	LS	1	4%	\$ 26,115.00	
<b>SUBTOTAL CONSTRUCTION PHASE SERVICES</b>				\$ 39,172.50	
<b>RIGHT OF WAY</b>					
UNDEVELOPED (\$2.50 - \$4.00 / SF)	SF	104000	\$ 1.10	\$ 114,400.00	
HARD CORNERS (\$10.00 - \$20.00 / SF)	SF		\$ 10.00	\$ -	
STRUCTURES	EA			\$ -	
MAPPING & ACQUISITION	PARCEL	2	\$ 10,000.00	\$ 20,000.00	
PIPELINE RELOCATION	EA				
<b>SUBTOTAL RIGHT OF WAY</b>				\$ 134,400.00	None
<b>PROJECT COST SUMMARY</b>					
ENGINEERING				\$ 65,287.50	
RIGHT OF WAY				\$ 134,400.00	
CONSTRUCTION PHASE SERVICES				\$ 39,172.50	
CONSTRUCTION				\$ 652,875.00	
<b>TOTAL PROJECT COST</b>				\$ 891,735.00	Land cost plus acquisition cost materials testing & constr. eng

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-07  
ROAD: South Post Oak  
LIMITS: FROM: Hunter Green  
TO: Trammel Fresno  
LENGTH: FEET = 5250  
MILES = 0.99

DESCRIPTION: 4-lane concrete boulevard w/ storm sewer and  
ROW purchase to get to 120'

**COST SUMMARY**

ENGINEERING	\$	453,548.20
RIGHT OF WAY	\$	724,937.50
CONST. PHASE SERVICES	\$	272,128.92
CONSTRUCTION	\$	4,535,482.00
<b>TOTAL</b>	<b>\$</b>	<b>5,986,096.62</b>

PREPARED BY: \_\_\_\_\_

Date: \_\_\_\_\_

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ROADWAY &amp; DRAINAGE</b>					
REMOVAL/PREP ROW	STA	52.5	\$ 5,000.00	\$ 262,500.00	Paving items are inclusive of subgrade, base, surface, and earthwork  Water hydrant's in the way 1/4th new construction
CONCRETE PAVEMENT					
3-LANE C&G (38' F-F)	STA		\$ 25,000.00	\$ -	
4-LANE DIVIDED C&G (52' F-F)	STA	52.5	\$ 36,000.00	\$ 1,890,000.00	
5-LANE C&G (62' F-F)	STA		\$ 40,000.00	\$ -	
ASPHALT PAVEMENT					
NEW CONSTRUCTION	SY		\$ 85.00	\$ -	
REHABILITATION/OVERLAY	SY		\$ 15.00	\$ -	
CHIP SEAL & WIDEN	LN-MI		\$ 300,000.00	\$ -	
BRIDGE	SF		\$ 65.00	\$ -	
STORM SEWER SYSTEM	STA	54.5	\$ 20,000.00	\$ 1,090,000.00	
CROSS CULVERT	EA		\$ 25,000.00	\$ -	
OUTFALL	EA			\$ -	
<b>SUBTOTAL ROADWAY &amp; DRAINAGE</b>				\$ 3,242,500.00	
<b>UTILITIES</b>					
RELOCATE WATER DISTRIBUTION	STA		\$ 150.00	\$ -	
RELOCATE WATER TRANSMISSION	STA		\$ 350.00	\$ -	
RELOCATE SANITARY SEWER	STA		\$ 650.00	\$ -	
RELOCATE FORCE MAIN	STA		\$ 650.00	\$ -	
<b>SUBTOTAL UTILITIES</b>				\$ -	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-07  
ROAD: South Post Oak  
LIMITS: FROM: Hunter Green  
TO: Trammel Fresno  
LENGTH: FEET = 5250  
MILES = 0.99

DESCRIPTION: 4-lane concrete boulevard w/ storm sewer and  
ROW purchase to get to 120'

**COST SUMMARY**

ENGINEERING	\$	453,548.20
RIGHT OF WAY	\$	724,937.50
CONST. PHASE SERVICES	\$	272,128.92
CONSTRUCTION	\$	4,535,482.00
<b>TOTAL</b>	<b>\$</b>	<b>5,986,096.62</b>

PREPARED BY: \_\_\_\_\_

Date: \_\_\_\_\_

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>MISCELLANEOUS</b>					
SIGNALIZED INTERSECTION	EA		\$ 125,000.00	\$ -	
ROADWAY ILLUMINATION	MI		\$ 200,000.00	\$ -	
SIGNING & PAVEMENT MARKINGS	STA	54.5	\$ 600.00	\$ 32,700.00	
SWPPP	STA	54.5	\$ 2,000.00	\$ 109,000.00	
<b>SUBTOTAL MISCELLANEOUS</b>				\$ 141,700.00	
<b>SPECIAL ITEMS</b>					
RETAINING WALL	SF		\$ 50.00	\$ -	
PUMP STATION	EA		\$ 20,000.00	\$ -	
DETENTION POND	AC-FT	1.56	\$ 50,000.00	\$ 78,000.00	
IN-LINE DETENTION	AC-FT		\$ 300,000.00	\$ -	
LANDSCAPING	STA		\$ 10,000.00	\$ -	
<b>SUBTOTAL SPECIAL ITEMS</b>				\$ 78,000.00	
TRAFFIC CONTROL PLAN (1%-5% CONST ITEMS)	LS	1	1%	\$ 34,622.00	
MOBILIZATION (5%-10% CONST ITEMS)	LS	1	5%	\$ 173,110.00	
CONTINGENCY (25% CONST ITEMS)	LS	1	25%	\$ 865,550.00	
<b>CONSTRUCTION COST TOTAL</b>				\$ 4,535,482.00	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-07  
ROAD: South Post Oak  
LIMITS: FROM: Hunter Green  
TO: Trammel Fresno  
LENGTH: FEET = 5250  
MILES = 0.99

DESCRIPTION: 4-lane concrete boulevard w/ storm sewer and ROW purchase to get to 120'

**COST SUMMARY**

ENGINEERING	\$	453,548.20
RIGHT OF WAY	\$	724,937.50
CONST. PHASE SERVICES	\$	272,128.92
CONSTRUCTION	\$	4,535,482.00
<b>TOTAL</b>	<b>\$</b>	<b>5,986,096.62</b>

PREPARED BY: \_\_\_\_\_

Date: \_\_\_\_\_

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ENGINEERING</b>					
PREL ENG REPORT (4% CONST COST)	LS	1	4%	\$ 181,419.28	
PS&E DOCUMENTS (6% CONST COST)	LS	1	6%	\$ 272,128.92	
<b>SUBTOTAL ENGINEERING</b>				\$ 453,548.20	
<b>CONSTRUCTION PHASE SERVICES</b>					
CONST PHASE SERVICES (2% CONST)	LS	1	2%	\$ 90,709.64	
LABORATORY TESTING (4% CONST)	LS	1	4%	\$ 181,419.28	
<b>SUBTOTAL CONSTRUCTION PHASE SERVICES</b>				\$ 272,128.92	
<b>RIGHT OF WAY</b>					
UNDEVELOPED (\$2.50 - \$4.00 / SF)	SF	268125	\$ 1.10	\$ 294,937.50	
HARD CORNERS (\$10.00 - \$20.00 / SF)	SF		\$ 10.00	\$ -	
STRUCTURES	EA			\$ -	
MAPPING & ACQUISITION	PARCEL	43	\$ 10,000.00	\$ 430,000.00	
PIPELINE RELOCATION	EA				
<b>SUBTOTAL RIGHT OF WAY</b>				\$ 724,937.50	None
<b>PROJECT COST SUMMARY</b>					
ENGINEERING				\$ 453,548.20	
RIGHT OF WAY				\$ 724,937.50	
CONSTRUCTION PHASE SERVICES				\$ 272,128.92	
CONSTRUCTION				\$ 4,535,482.00	
<b>TOTAL PROJECT COST</b>				\$ 5,986,096.62	Land cost plus acquisition cost materials testing & constr. eng

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-08  
ROAD: South Post Oak  
LIMITS FROM: Trammel Fresno  
TO: McHard  
LENGTH: FEET = 16450  
MILES = 3.12

DESCRIPTION: 7,500' conc. boulevard w/ storm sewer & bridge over Mustang Bayou, 9,000' 4-lane asphalt w/ shoulders & ditches by R&B w/ culvert crossing over water canal; signal at Trammel Fresno

**COST SUMMARY**

ENGINEERING	\$	1,168,217.55
RIGHT OF WAY	\$	6,824,475.00
CONST. PHASE SERVICES	\$	700,930.53
CONSTRUCTION	\$	11,682,175.50
<b>TOTAL</b>	<b>\$</b>	<b>20,375,798.58</b>

PREPARED BY: SPI - MCD

Date: 06/20/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ROADWAY &amp; DRAINAGE</b>					
REMOVAL/PREP ROW	STA	75	\$ 5,000.00	\$ 375,000.00	Paving items are inclusive of subgrade, base, surface, and earthwork
CONCRETE PAVEMENT					
3-LANE C&G (38' F-F)	STA		\$ 25,000.00	\$ -	
4-LANE DIVIDED C&G (52' F-F)	STA	75	\$ 36,000.00	\$ 2,700,000.00	
5-LANE C&G (62' F-F)	STA		\$ 40,000.00	\$ -	
ASPHALT PAVEMENT					If 4 lane need signal at Trammel
NEW CONSTRUCTION	SY		\$ 85.00	\$ -	
REHABILITATION/OVERLAY	SY		\$ 15.00	\$ -	
CHIP SEAL & WIDEN	LN-MI	10.22	\$ 300,000.00	\$ 3,066,000.00	
BRIDGE	SF	9750	\$ 65.00	\$ 633,750.00	
STORM SEWER SYSTEM	STA	75	\$ 20,000.00	\$ 1,500,000.00	4 lane with shoulders for 1.7 miles 150'x65'
CROSS CULVERT	EA	2	\$ 25,000.00	\$ 50,000.00	
OUTFALL	EA			\$ -	
<b>SUBTOTAL ROADWAY &amp; DRAINAGE</b>				\$ 8,324,750.00	
<b>UTILITIES</b>					
RELOCATE WATER DISTRIBUTION	STA		\$ 150.00	\$ -	
RELOCATE WATER TRANSMISSION	STA		\$ 350.00	\$ -	
RELOCATE SANITARY SEWER	STA		\$ 650.00	\$ -	
RELOCATE FORCE MAIN	STA		\$ 650.00	\$ -	
<b>SUBTOTAL UTILITIES</b>				\$ -	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-08  
ROAD: South Post Oak  
LIMITS FROM: Trammel Fresno  
TO: McHard  
LENGTH: FEET = 16450  
MILES = 3.12

DESCRIPTION: 7,500' conc. boulevard w/ storm sewer & bridge  
over Mustang Bayou, 9,000' 4-lane asphalt w/  
shoulders & ditches by R&B w/ culvert crossing  
over water canal; signal at Trammel Fresno

**COST SUMMARY**

ENGINEERING	\$	1,168,217.55
RIGHT OF WAY	\$	6,824,475.00
CONST. PHASE SERVICES	\$	700,930.53
CONSTRUCTION	\$	11,682,175.50
<b>TOTAL</b>	<b>\$</b>	<b>20,375,798.58</b>

PREPARED BY: SPI - MCD

Date: 06/20/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>MISCELLANEOUS</b>					
SIGNALIZED INTERSECTION	EA	1	\$ 125,000.00	\$ 125,000.00	At Trammel
ROADWAY ILLUMINATION	MI		\$ 200,000.00	\$ -	
SIGNING & PAVEMENT MARKINGS	STA	164.5	\$ 600.00	\$ 98,700.00	
SWPPP	STA	75	\$ 2,000.00	\$ 150,000.00	
<b>SUBTOTAL MISCELLANEOUS</b>				\$ 373,700.00	
<b>SPECIAL ITEMS</b>					
RETAINING WALL	SF		\$ 50.00	\$ -	
PUMP STATION	EA		\$ 20,000.00	\$ -	
DETENTION POND	AC-FT	7.15	\$ 50,000.00	\$ 357,500.00	
IN-LINE DETENTION	AC-FT		\$ 300,000.00	\$ -	
LANDSCAPING	STA		\$ 10,000.00	\$ -	
<b>SUBTOTAL SPECIAL ITEMS</b>				\$ 357,500.00	
TRAFFIC CONTROL PLAN (1%-5% CONST ITEMS)	LS	1	1%	\$ 90,559.50	
MOBILIZATION (5%-10% CONST ITEMS)	LS	1	3%	\$ 271,678.50	
CONTINGENCY (25% CONST ITEMS)	LS	1	25%	\$ 2,263,987.50	
<b>CONSTRUCTION COST TOTAL</b>				\$ 11,682,175.50	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-08  
ROAD: South Post Oak  
LIMITS FROM: Trammel Fresno  
TO: McHard  
LENGTH: FEET = 16450  
MILES = 3.12

DESCRIPTION: 7,500' conc. boulevard w/ storm sewer & bridge over Mustang Bayou, 9,000' 4-lane asphalt w/ shoulders & ditches by R&B w/ culvert crossing over water canal; signal at Trammel Fresno

**COST SUMMARY**

ENGINEERING	\$	1,168,217.55
RIGHT OF WAY	\$	6,824,475.00
CONST. PHASE SERVICES	\$	700,930.53
CONSTRUCTION	\$	11,682,175.50
<b>TOTAL</b>	<b>\$</b>	<b>20,375,798.58</b>

PREPARED BY: SPI - MCD

Date: 06/20/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ENGINEERING</b>					
PREL ENG REPORT (4% CONST COST)	LS	1	4%	\$ 467,287.02	
PS&E DOCUMENTS (6% CONST COST)	LS	1	6%	\$ 700,930.53	
<b>SUBTOTAL ENGINEERING</b>				\$ 1,168,217.55	
<b>CONSTRUCTION PHASE SERVICES</b>					
CONST PHASE SERVICES (2% CONST)	LS	1	2%	\$ 233,643.51	
LABORATORY TESTING (4% CONST)	LS	1	4%	\$ 467,287.02	
<b>SUBTOTAL CONSTRUCTION PHASE SERVICES</b>				\$ 700,930.53	
<b>RIGHT OF WAY</b>					
UNDEVELOPED (\$2.50 - \$4.00 / SF)	SF	1522250	\$ 1.10	\$ 1,674,475.00	
HARD CORNERS (\$10.00 - \$20.00 / SF)	SF		\$ 10.00	\$ -	
STRUCTURES	EA			\$ -	
MAPPING & ACQUISITION	PARCEL	35	\$ 10,000.00	\$ 350,000.00	
PIPELINE RELOCATION	EA	1	\$ 4,800,000.00	\$ 4,800,000.00	2-30", 1-20", 2-16", 1-13", 1-9", 1-2"
<b>SUBTOTAL RIGHT OF WAY</b>				\$ 6,824,475.00	
<b>PROJECT COST SUMMARY</b>					
ENGINEERING				\$ 1,168,217.55	
RIGHT OF WAY				\$ 6,824,475.00	Land cost plus acquisition cost
CONSTRUCTION PHASE SERVICES				\$ 700,930.53	materials testing & constr. eng
CONSTRUCTION				\$ 11,682,175.50	
<b>TOTAL PROJECT COST</b>				\$ 20,375,798.58	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-09  
ROAD: Willams Way  
LIMITS: FROM: US 59  
TO: FM 762  
LENGTH: FEET = 4900  
MILES = 0.93

DESCRIPTION: 4-lane concrete boulevard w/ storm sewer, bridge over Rabbs Bayou, ROW purchase to get to 120'

**COST SUMMARY**

ENGINEERING	\$	534,925.40
RIGHT OF WAY	\$	328,950.00
CONST. PHASE SERVICES	\$	320,955.24
CONSTRUCTION	\$	5,349,254.00
<b>TOTAL</b>	<b>\$</b>	<b>6,534,084.64</b>

PREPARED BY: SPI - MCD

Date: 06/20/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ROADWAY &amp; DRAINAGE</b>					
REMOVAL/PREP ROW	STA	49	\$ 5,000.00	\$ 245,000.00	Paving items are inclusive of subgrade, base, surface, and earthwork
CONCRETE PAVEMENT					
3-LANE C&G (38' F-F)	STA		\$ 25,000.00	\$ -	
4-LANE DIVIDED C&G (52' F-F)	STA	43.5	\$ 36,000.00	\$ 1,566,000.00	
5-LANE C&G (62' F-F)	STA		\$ 40,000.00	\$ -	
ASPHALT PAVEMENT					
NEW CONSTRUCTION	SY		\$ 85.00	\$ -	
REHABILITATION/OVERLAY	SY		\$ 15.00	\$ -	
CHIP SEAL & WIDEN	LN-MI		\$ 300,000.00	\$ -	
BRIDGE	SF	16000	\$ 65.00	\$ 1,040,000.00	250' long by 64' wide -12' lane, 2' shoulder, 6' sidewalk
STORM SEWER SYSTEM	STA	49	\$ 20,000.00	\$ 980,000.00	
CROSS CULVERT	EA		\$ 25,000.00	\$ -	
OUTFALL	EA			\$ -	
<b>SUBTOTAL ROADWAY &amp; DRAINAGE</b>				\$ 3,831,000.00	
<b>UTILITIES</b>					
RELOCATE WATER DISTRIBUTION	STA		\$ 150.00	\$ -	
RELOCATE WATER TRANSMISSION	STA		\$ 350.00	\$ -	
RELOCATE SANITARY SEWER	STA		\$ 650.00	\$ -	
RELOCATE FORCE MAIN	STA		\$ 650.00	\$ -	
<b>SUBTOTAL UTILITIES</b>				\$ -	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-09  
ROAD: Willams Way  
LIMITS: FROM: US 59  
TO: FM 762  
LENGTH: FEET = 4900  
MILES = 0.93

DESCRIPTION: 4-lane concrete boulevard w/ storm sewer, bridge over Rabbs Bayou, ROW purchase to get to 120'

**COST SUMMARY**

ENGINEERING	\$	534,925.40
RIGHT OF WAY	\$	328,950.00
CONST. PHASE SERVICES	\$	320,955.24
CONSTRUCTION	\$	5,349,254.00
<b>TOTAL</b>	<b>\$</b>	<b>6,534,084.64</b>

PREPARED BY: SPI - MCD

Date: 06/20/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>MISCELLANEOUS</b>					
SIGNALIZED INTERSECTION	EA		\$ 125,000.00	\$ -	
ROADWAY ILLUMINATION	MI		\$ 200,000.00	\$ -	
SIGNING & PAVEMENT MARKINGS	STA	49	\$ 600.00	\$ 29,400.00	
SWPPP	STA	49	\$ 2,000.00	\$ 98,000.00	
<b>SUBTOTAL MISCELLANEOUS</b>				\$ 127,400.00	
<b>SPECIAL ITEMS</b>					
RETAINING WALL	SF		\$ 50.00	\$ -	
PUMP STATION	EA		\$ 20,000.00	\$ -	
DETENTION POND	AC-FT	2.5	\$ 50,000.00	\$ 125,000.00	
IN-LINE DETENTION	AC-FT		\$ 300,000.00	\$ -	
LANDSCAPING	STA		\$ 10,000.00	\$ -	
<b>SUBTOTAL SPECIAL ITEMS</b>				\$ 125,000.00	
TRAFFIC CONTROL PLAN (1%-5% CONST ITEMS)	LS	1	1%	\$ 40,834.00	
MOBILIZATION (5%-10% CONST ITEMS)	LS	1	5%	\$ 204,170.00	
CONTINGENCY (25% CONST ITEMS)	LS	1	25%	\$ 1,020,850.00	
<b>CONSTRUCTION COST TOTAL</b>				\$ 5,349,254.00	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-09  
ROAD: Willams Way  
LIMITS: FROM: US 59  
TO: FM 762  
LENGTH: FEET = 4900  
MILES = 0.93

DESCRIPTION: 4-lane concrete boulevard w/ storm sewer, bridge over Rabbs Bayou, ROW purchase to get to 120'

**COST SUMMARY**

ENGINEERING	\$	534,925.40
RIGHT OF WAY	\$	328,950.00
CONST. PHASE SERVICES	\$	320,955.24
CONSTRUCTION	\$	5,349,254.00
<b>TOTAL</b>	<b>\$</b>	<b>6,534,084.64</b>

PREPARED BY: SPI - MCD

Date: 06/20/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ENGINEERING</b>					
PREL ENG REPORT (4% CONST COST)	LS	1	4%	\$ 213,970.16	
PS&E DOCUMENTS (6% CONST COST)	LS	1	6%	\$ 320,955.24	
<b>SUBTOTAL ENGINEERING</b>				\$ 534,925.40	
<b>CONSTRUCTION PHASE SERVICES</b>					
CONST PHASE SERVICES (2% CONST)	LS	1	2%	\$ 106,985.08	
LABORATORY TESTING (4% CONST)	LS	1	4%	\$ 213,970.16	
<b>SUBTOTAL CONSTRUCTION PHASE SERVICES</b>				\$ 320,955.24	
<b>RIGHT OF WAY</b>					
UNDEVELOPED (\$2.50 - \$4.00 / SF)	SF	244500	\$ 1.10	\$ 268,950.00	
HARD CORNERS (\$10.00 - \$20.00 / SF)	SF		\$ 10.00	\$ -	
STRUCTURES	EA			\$ -	
MAPPING & ACQUISITION	PARCEL	6	\$ 10,000.00	\$ 60,000.00	
PIPELINE RELOCATION	EA				
<b>SUBTOTAL RIGHT OF WAY</b>				\$ 328,950.00	None
<b>PROJECT COST SUMMARY</b>					
ENGINEERING				\$ 534,925.40	
RIGHT OF WAY				\$ 328,950.00	
CONSTRUCTION PHASE SERVICES				\$ 320,955.24	
CONSTRUCTION				\$ 5,349,254.00	
<b>TOTAL PROJECT COST</b>				\$ 6,534,084.64	Land cost plus acquisition cost materials testing & constr. eng

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-10  
ROAD: Sansbury  
LIMITS: FROM: FM 762  
TO: Canyon Lake Drive  
LENGTH: FEET = 12600  
MILES = 2.39

DESCRIPTION: New location 4-lane boulevard w/ storm sewer & bridge over Rabbs Bayou, ditch culvert crossing, 120' ROW purchase

**COST SUMMARY**

ENGINEERING	\$	1,185,235.60
RIGHT OF WAY	\$	1,716,770.00
CONST. PHASE SERVICES	\$	711,141.36
CONSTRUCTION	\$	11,852,356.00
<b>TOTAL</b>	<b>\$</b>	<b>15,465,502.96</b>

PREPARED BY: \_\_\_\_\_

Date: \_\_\_\_\_

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ROADWAY &amp; DRAINAGE</b>					
REMOVAL/PREP ROW	STA	126	\$ 5,000.00	\$ 630,000.00	Paving items are inclusive of subgrade, base, surface, and earthwork
CONCRETE PAVEMENT					
3-LANE C&G (38' F-F)	STA		\$ 25,000.00	\$ -	
4-LANE DIVIDED C&G (52' F-F)	STA	126	\$ 36,000.00	\$ 4,536,000.00	
5-LANE C&G (62' F-F)	STA		\$ 40,000.00	\$ -	
ASPHALT PAVEMENT					
NEW CONSTRUCTION	SY		\$ 85.00	\$ -	
REHABILITATION/OVERLAY	SY		\$ 15.00	\$ -	
CHIP SEAL & WIDEN	LN-MI		\$ 300,000.00	\$ -	
BRIDGE	SF	9600	\$ 65.00	\$ 624,000.00	150' long by 64' wide - 12' lanes, 2' shoulder, 6' sidewalk
STORM SEWER SYSTEM	STA	126	\$ 20,000.00	\$ 2,520,000.00	
CROSS CULVERT	EA	2	\$ 25,000.00	\$ 50,000.00	
OUTFALL	EA			\$ -	
<b>SUBTOTAL ROADWAY &amp; DRAINAGE</b>				\$ 8,360,000.00	
<b>UTILITIES</b>					
RELOCATE WATER DISTRIBUTION	STA		\$ 150.00	\$ -	
RELOCATE WATER TRANSMISSION	STA		\$ 350.00	\$ -	
RELOCATE SANITARY SEWER	STA		\$ 650.00	\$ -	
RELOCATE FORCE MAIN	STA		\$ 650.00	\$ -	
<b>SUBTOTAL UTILITIES</b>				\$ -	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-10  
ROAD: Sansbury  
LIMITS: FROM: FM 762  
TO: Canyon Lake Drive  
LENGTH: FEET = 12600  
MILES = 2.39

DESCRIPTION: New location 4-lane boulevard w/ storm sewer & bridge over Rabbs Bayou, ditch culvert crossing, 120' ROW purchase

**COST SUMMARY**

ENGINEERING	\$	1,185,235.60
RIGHT OF WAY	\$	1,716,770.00
CONST. PHASE SERVICES	\$	711,141.36
CONSTRUCTION	\$	11,852,356.00
<b>TOTAL</b>	<b>\$</b>	<b>15,465,502.96</b>

PREPARED BY: \_\_\_\_\_

Date: \_\_\_\_\_

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>MISCELLANEOUS</b>					
SIGNALIZED INTERSECTION	EA		\$ 125,000.00	\$ -	
ROADWAY ILLUMINATION	MI		\$ 200,000.00	\$ -	
SIGNING & PAVEMENT MARKINGS	STA	126	\$ 600.00	\$ 75,600.00	
SWPPP	STA	126	\$ 2,000.00	\$ 252,000.00	
<b>SUBTOTAL MISCELLANEOUS</b>				\$ 327,600.00	
<b>SPECIAL ITEMS</b>					
RETAINING WALL	SF		\$ 50.00	\$ -	
PUMP STATION	EA		\$ 20,000.00	\$ -	
DETENTION POND	AC-FT	7.2	\$ 50,000.00	\$ 360,000.00	
IN-LINE DETENTION	AC-FT		\$ 300,000.00	\$ -	
LANDSCAPING	STA		\$ 10,000.00	\$ -	
<b>SUBTOTAL SPECIAL ITEMS</b>				\$ 360,000.00	
TRAFFIC CONTROL PLAN (1%-5% CONST ITEMS)	LS	1	1%	\$ 90,476.00	
MOBILIZATION (5%-10% CONST ITEMS)	LS	1	5%	\$ 452,380.00	
CONTINGENCY (25% CONST ITEMS)	LS	1	25%	\$ 2,261,900.00	
<b>CONSTRUCTION COST TOTAL</b>				\$ 11,852,356.00	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-10  
ROAD: Sansbury  
LIMITS: FROM: FM 762  
TO: Canyon Lake Drive  
LENGTH: FEET = 12600  
MILES = 2.39

DESCRIPTION: New location 4-lane boulevard w/ storm sewer & bridge over Rabbs Bayou, ditch culvert crossing, 120' ROW purchase

**COST SUMMARY**

ENGINEERING	\$	1,185,235.60
RIGHT OF WAY	\$	1,716,770.00
CONST. PHASE SERVICES	\$	711,141.36
CONSTRUCTION	\$	11,852,356.00
<b>TOTAL</b>	<b>\$</b>	<b>15,465,502.96</b>

PREPARED BY: \_\_\_\_\_

Date: \_\_\_\_\_

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ENGINEERING</b>					
PREL ENG REPORT (4% CONST COST)	LS	1	4%	\$ 474,094.24	
PS&E DOCUMENTS (6% CONST COST)	LS	1	6%	\$ 711,141.36	
<b>SUBTOTAL ENGINEERING</b>				\$ 1,185,235.60	
<b>CONSTRUCTION PHASE SERVICES</b>					
CONST PHASE SERVICES (2% CONST)	LS	1	2%	\$ 237,047.12	
LABORATORY TESTING (4% CONST)	LS	1	4%	\$ 474,094.24	
<b>SUBTOTAL CONSTRUCTION PHASE SERVICES</b>				\$ 711,141.36	
<b>RIGHT OF WAY</b>					
UNDEVELOPED (\$2.50 - \$4.00 / SF)	SF	1460700	\$ 1.10	\$ 1,606,770.00	
HARD CORNERS (\$10.00 - \$20.00 / SF)	SF		\$ 10.00	\$ -	
STRUCTURES	EA			\$ -	
MAPPING & ACQUISITION	PARCEL	11	\$ 10,000.00	\$ 110,000.00	
PIPELINE RELOCATION	EA				
<b>SUBTOTAL RIGHT OF WAY</b>				\$ 1,716,770.00	None
<b>PROJECT COST SUMMARY</b>					
ENGINEERING				\$ 1,185,235.60	
RIGHT OF WAY				\$ 1,716,770.00	
CONSTRUCTION PHASE SERVICES				\$ 711,141.36	
CONSTRUCTION				\$ 11,852,356.00	
<b>TOTAL PROJECT COST</b>				\$ 15,465,502.96	Land cost plus acquisition cost materials testing & constr. eng

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-11  
ROAD: A Myers Road  
LIMITS: FROM: Berdett  
TO: Royal Lakes Blvd.  
LENGTH: FEET = 12000  
MILES = 2.27

DESCRIPTION: 2-lane asphalt with shoulders by R&B w/ culvert crossing and 80' ROW purchase

**COST SUMMARY**

ENGINEERING	\$	390,250.00
RIGHT OF WAY	\$	4,666,000.00
CONST. PHASE SERVICES	\$	234,150.00
CONSTRUCTION	\$	3,902,500.00
<b>TOTAL</b>	<b>\$</b>	<b>9,192,900.00</b>

PREPARED BY: SPI - MCD

Date: 06/13/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ROADWAY &amp; DRAINAGE</b>					
REMOVAL/PREP ROW	STA		\$ 5,000.00	\$ -	Paving items are inclusive of subgrade, base, surface, and earthwork Irrigation ditch crossing with pipeline
CONCRETE PAVEMENT					
3-LANE C&G (38' F-F)	STA		\$ 25,000.00	\$ -	
4-LANE DIVIDED C&G (52' F-F)	STA		\$ 36,000.00	\$ -	
5-LANE C&G (62' F-F)	STA		\$ 40,000.00	\$ -	
ASPHALT PAVEMENT					12k' x 40' width (12' lanes and 8' shoulder)
NEW CONSTRUCTION	SY		\$ 85.00	\$ -	
REHABILITATION/OVERLAY	SY		\$ 15.00	\$ -	
CHIP SEAL & WIDEN	LN-MI	9	\$ 300,000.00	\$ 2,700,000.00	
BRIDGE	SF		\$ 65.00	\$ -	Irrigation canal crossing (assume 1 box) Outfall to Dry Creek
STORM SEWER SYSTEM	STA		\$ 20,000.00	\$ -	
CROSS CULVERT	EA	2	\$ 25,000.00	\$ 50,000.00	
OUTFALL	EA	1	\$ 25,000.00	\$ 25,000.00	
<b>SUBTOTAL ROADWAY &amp; DRAINAGE</b>				\$ 2,775,000.00	
<b>UTILITIES</b>					
RELOCATE WATER DISTRIBUTION	STA		\$ 150.00	\$ -	
RELOCATE WATER TRANSMISSION	STA		\$ 350.00	\$ -	
RELOCATE SANITARY SEWER	STA		\$ 650.00	\$ -	
RELOCATE FORCE MAIN	STA		\$ 650.00	\$ -	
<b>SUBTOTAL UTILITIES</b>				\$ -	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-11  
ROAD: A Myers Road  
LIMITS: FROM: Berdett  
TO: Royal Lakes Blvd.  
LENGTH: FEET = 12000  
MILES = 2.27

DESCRIPTION: 2-lane asphalt with shoulders by R&B w/ culvert crossing and 80' ROW purchase

**COST SUMMARY**

ENGINEERING	\$	390,250.00
RIGHT OF WAY	\$	4,666,000.00
CONST. PHASE SERVICES	\$	234,150.00
CONSTRUCTION	\$	3,902,500.00
<b>TOTAL</b>	<b>\$</b>	<b>9,192,900.00</b>

PREPARED BY: SPI - MCD

Date: 06/13/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>MISCELLANEOUS</b>					
SIGNALIZED INTERSECTION	EA		\$ 125,000.00	\$ -	
ROADWAY ILLUMINATION	MI		\$ 200,000.00	\$ -	
SIGNING & PAVEMENT MARKINGS	STA	120	\$ 600.00	\$ 72,000.00	
SWPPP	STA		\$ 2,000.00	\$ -	
<b>SUBTOTAL MISCELLANEOUS</b>				\$ 72,000.00	
<b>SPECIAL ITEMS</b>					
RETAINING WALL	SF		\$ 50.00	\$ -	
PUMP STATION	EA		\$ 20,000.00	\$ -	
DETENTION POND	AC-FT	5.5	\$ 50,000.00	\$ 275,000.00	
IN-LINE DETENTION	AC-FT		\$ 300,000.00	\$ -	
LANDSCAPING	STA		\$ 10,000.00	\$ -	
<b>SUBTOTAL SPECIAL ITEMS</b>				\$ 275,000.00	
TRAFFIC CONTROL PLAN (1%-5% CONST ITEMS)	LS		1%	\$ -	
MOBILIZATION (5%-10% CONST ITEMS)	LS		5%	\$ -	
CONTINGENCY (25% CONST ITEMS)	LS	1	25%	\$ 780,500.00	
<b>CONSTRUCTION COST TOTAL</b>				\$ 3,902,500.00	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-11  
ROAD: A Myers Road  
LIMITS: FROM: Berdett  
TO: Royal Lakes Blvd.  
LENGTH: FEET = 12000  
MILES = 2.27

DESCRIPTION: 2-lane asphalt with shoulders by R&B w/ culvert crossing and 80' ROW purchase

**COST SUMMARY**

ENGINEERING	\$	390,250.00
RIGHT OF WAY	\$	4,666,000.00
CONST. PHASE SERVICES	\$	234,150.00
CONSTRUCTION	\$	3,902,500.00
<b>TOTAL</b>	<b>\$</b>	<b>9,192,900.00</b>

PREPARED BY: SPI - MCD

Date: 06/13/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ENGINEERING</b>					
PREL ENG REPORT (4% CONST COST)	LS	1	4%	\$ 156,100.00	
PS&E DOCUMENTS (6% CONST COST)	LS	1	6%	\$ 234,150.00	
<b>SUBTOTAL ENGINEERING</b>				\$ 390,250.00	
<b>CONSTRUCTION PHASE SERVICES</b>					
CONST PHASE SERVICES (2% CONST)	LS	1	2%	\$ 78,050.00	
LABORATORY TESTING (4% CONST)	LS	1	4%	\$ 156,100.00	
<b>SUBTOTAL CONSTRUCTION PHASE SERVICES</b>				\$ 234,150.00	
<b>RIGHT OF WAY</b>					
UNDEVELOPED (\$2.50 - \$4.00 / SF)	SF	960000	\$ 1.10	\$ 1,056,000.00	
HARD CORNERS (\$10.00 - \$20.00 / SF)	SF		\$ 10.00	\$ -	
STRUCTURES	EA			\$ -	
MAPPING & ACQUISITION	PARCEL	1	\$ 10,000.00	\$ 10,000.00	
PIPELINE RELOCATION	EA	1	\$ 3,600,000.00	\$ 3,600,000.00	1-30", 1-20", 1-18", 1-16", 1-8"
<b>SUBTOTAL RIGHT OF WAY</b>				\$ 4,666,000.00	
<b>PROJECT COST SUMMARY</b>					
ENGINEERING				\$ 390,250.00	Land cost plus acquisition cost materials testing & constr. eng
RIGHT OF WAY				\$ 4,666,000.00	
CONSTRUCTION PHASE SERVICES				\$ 234,150.00	
CONSTRUCTION				\$ 3,902,500.00	
<b>TOTAL PROJECT COST</b>				\$ 9,192,900.00	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-12  
ROAD: Powerline Road  
LIMITS: FROM: S curve NW of Sunrise Meadow DR.  
TO:  
LENGTH: FEET = 1100  
MILES = 0.21

DESCRIPTION: Straighten curve: 2 lanes concrete w/ shoulders & ditches, 80' ROW purchase

**COST SUMMARY**

ENGINEERING	\$	55,491.60
RIGHT OF WAY	\$	55,200.00
CONST. PHASE SERVICES	\$	33,294.96
CONSTRUCTION	\$	554,916.00
<b>TOTAL</b>	<b>\$</b>	<b>698,902.56</b>

PREPARED BY: SPI - MCD

Date: 06/13/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ROADWAY &amp; DRAINAGE</b>					
REMOVAL/PREP ROW	STA	24	\$ 5,000.00	\$ 120,000.00	Paving items are inclusive of subgrade, base, surface, and earthwork  Developer Wants Concrete
CONCRETE PAVEMENT					
3-LANE C&G (38' F-F)	STA	11	\$ 25,000.00	\$ 275,000.00	
4-LANE DIVIDED C&G (52' F-F)	STA		\$ 36,000.00	\$ -	
5-LANE C&G (62' F-F)	STA		\$ 40,000.00	\$ -	
ASPHALT PAVEMENT					
NEW CONSTRUCTION	SY		\$ 85.00	\$ -	
REHABILITATION/OVERLAY	SY		\$ 15.00	\$ -	
CHIP SEAL & WIDEN	LN-MI		\$ 300,000.00	\$ -	
BRIDGE	SF		\$ 65.00	\$ -	
STORM SEWER SYSTEM	STA		\$ 20,000.00	\$ -	
CROSS CULVERT	EA		\$ 25,000.00	\$ -	
OUTFALL	EA			\$ -	
<b>SUBTOTAL ROADWAY &amp; DRAINAGE</b>				\$ 395,000.00	
<b>UTILITIES</b>					
RELOCATE WATER DISTRIBUTION	STA		\$ 150.00	\$ -	
RELOCATE WATER TRANSMISSION	STA		\$ 350.00	\$ -	
RELOCATE SANITARY SEWER	STA		\$ 650.00	\$ -	
RELOCATE FORCE MAIN	STA		\$ 650.00	\$ -	
<b>SUBTOTAL UTILITIES</b>				\$ -	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-12  
ROAD: Powerline Road  
LIMITS: FROM: S curve NW of Sunrise Meadow DR.  
TO:  
LENGTH: FEET = 1100  
MILES = 0.21

DESCRIPTION: Straighten curve: 2 lanes concrete w/ shoulders & ditches, 80' ROW purchase

**COST SUMMARY**

ENGINEERING	\$	55,491.60
RIGHT OF WAY	\$	55,200.00
CONST. PHASE SERVICES	\$	33,294.96
CONSTRUCTION	\$	554,916.00
<b>TOTAL</b>	<b>\$</b>	<b>698,902.56</b>

PREPARED BY: SPI - MCD

Date: 06/13/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>MISCELLANEOUS</b>					
SIGNALIZED INTERSECTION	EA		\$ 125,000.00	\$ -	
ROADWAY ILLUMINATION	MI		\$ 200,000.00	\$ -	
SIGNING & PAVEMENT MARKINGS	STA	11	\$ 600.00	\$ 6,600.00	
SWPPP	STA	11	\$ 2,000.00	\$ 22,000.00	
<b>SUBTOTAL MISCELLANEOUS</b>				\$ 28,600.00	
<b>SPECIAL ITEMS</b>					
RETAINING WALL	SF		\$ 50.00	\$ -	
PUMP STATION	EA		\$ 20,000.00	\$ -	
DETENTION POND	AC-FT		\$ 50,000.00	\$ -	
IN-LINE DETENTION	AC-FT		\$ 300,000.00	\$ -	
LANDSCAPING	STA		\$ 10,000.00	\$ -	
<b>SUBTOTAL SPECIAL ITEMS</b>				\$ -	
TRAFFIC CONTROL PLAN (1%-5% CONST ITEMS)	LS	1	1%	\$ 4,236.00	
MOBILIZATION (5%-10% CONST ITEMS)	LS	1	5%	\$ 21,180.00	
CONTINGENCY (25% CONST ITEMS)	LS	1	25%	\$ 105,900.00	
<b>CONSTRUCTION COST TOTAL</b>				\$ 554,916.00	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-12  
ROAD: Powerline Road  
LIMITS: FROM: S curve NW of Sunrise Meadow DR.  
TO:  
LENGTH: FEET = 1100  
MILES = 0.21

DESCRIPTION: Straighten curve: 2 lanes concrete w/ shoulders & ditches, 80' ROW purchase

**COST SUMMARY**

ENGINEERING	\$	55,491.60
RIGHT OF WAY	\$	55,200.00
CONST. PHASE SERVICES	\$	33,294.96
CONSTRUCTION	\$	554,916.00
<b>TOTAL</b>	<b>\$</b>	<b>698,902.56</b>

PREPARED BY: SPI - MCD

Date: 06/13/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ENGINEERING</b>					
PREL ENG REPORT (4% CONST COST)	LS	1	4%	\$ 22,196.64	
PS&E DOCUMENTS (6% CONST COST)	LS	1	6%	\$ 33,294.96	
<b>SUBTOTAL ENGINEERING</b>				\$ 55,491.60	
<b>CONSTRUCTION PHASE SERVICES</b>					
CONST PHASE SERVICES (2% CONST)	LS	1	2%	\$ 11,098.32	
LABORATORY TESTING (4% CONST)	LS	1	4%	\$ 22,196.64	
<b>SUBTOTAL CONSTRUCTION PHASE SERVICES</b>				\$ 33,294.96	
<b>RIGHT OF WAY</b>					
UNDEVELOPED (\$2.50 - \$4.00 / SF)	SF	88000	\$ 0.40	\$ 35,200.00	
HARD CORNERS (\$10.00 - \$20.00 / SF)	SF		\$ 10.00	\$ -	
STRUCTURES	EA			\$ -	
MAPPING & ACQUISITION	PARCEL	2	\$ 10,000.00	\$ 20,000.00	
PIPELINE RELOCATION	EA				
<b>SUBTOTAL RIGHT OF WAY</b>				\$ 55,200.00	None
<b>PROJECT COST SUMMARY</b>					
ENGINEERING				\$ 55,491.60	
RIGHT OF WAY				\$ 55,200.00	
CONSTRUCTION PHASE SERVICES				\$ 33,294.96	
CONSTRUCTION				\$ 554,916.00	
<b>TOTAL PROJECT COST</b>				\$ 698,902.56	Land cost plus acquisition cost materials testing & constr. eng

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-13  
ROAD: Old Needville Fairchild  
LIMITS: FROM: FM 361  
TO: City limit (near SH 36)  
LENGTH: FEET = 20200  
MILES = 3.83

DESCRIPTION: Addition of shoulders by R&B and ROW purchase to get to 80'

**COST SUMMARY**

ENGINEERING	\$	302,400.00
RIGHT OF WAY	\$	2,093,200.00
CONST. PHASE SERVICES	\$	181,440.00
CONSTRUCTION	\$	3,024,000.00
<b>TOTAL</b>	<b>\$</b>	<b>5,601,040.00</b>

PREPARED BY: SPI - MCD

Date: 06/13/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ROADWAY &amp; DRAINAGE</b>					
REMOVAL/PREP ROW	STA		\$ 5,000.00	\$ -	Paving items are inclusive of subgrade, base, surface, and earthwork
CONCRETE PAVEMENT					
3-LANE C&G (38' F-F)	STA		\$ 25,000.00	\$ -	
4-LANE DIVIDED C&G (52' F-F)	STA		\$ 36,000.00	\$ -	
5-LANE C&G (62' F-F)	STA		\$ 40,000.00	\$ -	
ASPHALT PAVEMENT					pipeline crossing Narrow going through town
NEW CONSTRUCTION	SY		\$ 85.00	\$ -	
REHABILITATION/OVERLAY	SY		\$ 15.00	\$ -	
CHIP SEAL & WIDEN	LN-MI	7.66	\$ 300,000.00	\$ 2,298,000.00	2 lanes for 3.83 miles
BRIDGE	SF		\$ 65.00	\$ -	
STORM SEWER SYSTEM	STA		\$ 20,000.00	\$ -	
CROSS CULVERT	EA		\$ 25,000.00	\$ -	
OUTFALL	EA			\$ -	
<b>SUBTOTAL ROADWAY &amp; DRAINAGE</b>				\$ 2,298,000.00	
<b>UTILITIES</b>					
RELOCATE WATER DISTRIBUTION	STA		\$ 150.00	\$ -	
RELOCATE WATER TRANSMISSION	STA		\$ 350.00	\$ -	
RELOCATE SANITARY SEWER	STA		\$ 650.00	\$ -	
RELOCATE FORCE MAIN	STA		\$ 650.00	\$ -	
<b>SUBTOTAL UTILITIES</b>				\$ -	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-13  
ROAD: Old Needville Fairchild  
LIMITS: FROM: FM 361  
TO: City limit (near SH 36)  
LENGTH: FEET = 20200  
MILES = 3.83

DESCRIPTION: Addition of shoulders by R&B and ROW purchase to get to 80'

**COST SUMMARY**

ENGINEERING	\$	302,400.00
RIGHT OF WAY	\$	2,093,200.00
CONST. PHASE SERVICES	\$	181,440.00
CONSTRUCTION	\$	3,024,000.00
<b>TOTAL</b>	<b>\$</b>	<b>5,601,040.00</b>

PREPARED BY: SPI - MCD

Date: 06/13/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>MISCELLANEOUS</b>					
SIGNALIZED INTERSECTION	EA		\$ 125,000.00	\$ -	
ROADWAY ILLUMINATION	MI		\$ 200,000.00	\$ -	
SIGNING & PAVEMENT MARKINGS	STA	202	\$ 600.00	\$ 121,200.00	
SWPPP	STA		\$ 2,000.00	\$ -	
<b>SUBTOTAL MISCELLANEOUS</b>				\$ 121,200.00	
<b>SPECIAL ITEMS</b>					
RETAINING WALL	SF		\$ 50.00	\$ -	
PUMP STATION	EA		\$ 20,000.00	\$ -	
DETENTION POND	AC-FT		\$ 50,000.00	\$ -	
IN-LINE DETENTION	AC-FT		\$ 300,000.00	\$ -	
LANDSCAPING	STA		\$ 10,000.00	\$ -	
<b>SUBTOTAL SPECIAL ITEMS</b>				\$ -	
TRAFFIC CONTROL PLAN (1%-5% CONST ITEMS)	LS		3%	\$ -	
MOBILIZATION (5%-10% CONST ITEMS)	LS		5%	\$ -	
CONTINGENCY (25% CONST ITEMS)	LS	1	25%	\$ 604,800.00	
<b>CONSTRUCTION COST TOTAL</b>				\$ 3,024,000.00	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-13  
ROAD: Old Needville Fairchild  
LIMITS: FROM: FM 361  
TO: City limit (near SH 36)  
LENGTH: FEET = 20200  
MILES = 3.83

DESCRIPTION: Addition of shoulders by R&B and ROW purchase to get to 80'

**COST SUMMARY**

ENGINEERING	\$	302,400.00
RIGHT OF WAY	\$	2,093,200.00
CONST. PHASE SERVICES	\$	181,440.00
CONSTRUCTION	\$	3,024,000.00
<b>TOTAL</b>	<b>\$</b>	<b>5,601,040.00</b>

PREPARED BY: SPI - MCD

Date: 06/13/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ENGINEERING</b>					
PREL ENG REPORT (4% CONST COST)	LS	1	4%	\$ 120,960.00	
PS&E DOCUMENTS (6% CONST COST)	LS	1	6%	\$ 181,440.00	
<b>SUBTOTAL ENGINEERING</b>				\$ 302,400.00	
<b>CONSTRUCTION PHASE SERVICES</b>					
CONST PHASE SERVICES (2% CONST)	LS	1	2%	\$ 60,480.00	
LABORATORY TESTING (4% CONST)	LS	1	4%	\$ 120,960.00	
<b>SUBTOTAL CONSTRUCTION PHASE SERVICES</b>				\$ 181,440.00	
<b>RIGHT OF WAY</b>					
UNDEVELOPED (\$2.50 - \$4.00 / SF)	SF	808000	\$ 0.40	\$ 323,200.00	
HARD CORNERS (\$10.00 - \$20.00 / SF)	SF		\$ 10.00	\$ -	
STRUCTURES	EA			\$ -	
MAPPING & ACQUISITION	PARCEL	37	\$ 10,000.00	\$ 370,000.00	
PIPELINE RELOCATION	EA	1	\$ 1,400,000.00	\$ 1,400,000.00	1-30", 1-11"
<b>SUBTOTAL RIGHT OF WAY</b>				\$ 2,093,200.00	
<b>PROJECT COST SUMMARY</b>					
ENGINEERING				\$ 302,400.00	
RIGHT OF WAY				\$ 2,093,200.00	Land cost plus acquisition cost
CONSTRUCTION PHASE SERVICES				\$ 181,440.00	materials testing & constr. eng
CONSTRUCTION				\$ 3,024,000.00	
<b>TOTAL PROJECT COST</b>				\$ 5,601,040.00	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-14  
ROAD: Bryan Road  
LIMITS: FROM: FM 2218  
TO: Spacek Rd  
LENGTH: FEET = 5300  
MILES = 1.00

DESCRIPTION: 4-lane concrete boulevard, undetermined  
realignment at FM 2218, bridge, new signal at  
2218, ROW purchase to get to 90' (max feasible)

**COST SUMMARY**

ENGINEERING	\$	618,555.80
RIGHT OF WAY	\$	817,500.00
CONST. PHASE SERVICES	\$	371,133.48
CONSTRUCTION	\$	6,185,558.00
<b>TOTAL</b>	<b>\$</b>	<b>7,992,747.28</b>

PREPARED BY: SPI - MCD

Date: 06/21/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ROADWAY &amp; DRAINAGE</b>					
REMOVAL/PREP ROW	STA	53	\$ 5,000.00	\$ 265,000.00	Paving items are inclusive of subgrade, base, surface, and earthwork
CONCRETE PAVEMENT					
3-LANE C&G (38' F-F)	STA		\$ 25,000.00	\$ -	
4-LANE DIVIDED C&G (52' F-F)	STA		\$ 36,000.00	\$ -	
5-LANE C&G (62' F-F)	STA	53	\$ 40,000.00	\$ 2,120,000.00	
ASPHALT PAVEMENT					
NEW CONSTRUCTION	SY		\$ 85.00	\$ -	
REHABILITATION/OVERLAY	SY		\$ 15.00	\$ -	
CHIP SEAL & WIDEN	LN-MI		\$ 300,000.00	\$ -	
BRIDGE	SF	13,600.00	\$ 65.00	\$ 884,000.00	200' long by 68' wide.
STORM SEWER SYSTEM	STA	53	\$ 20,000.00	\$ 1,060,000.00	12' lanes w/ 2' shoulders & 6' sidewalks
CROSS CULVERT	EA		\$ 25,000.00	\$ -	
OUTFALL	EA	2	\$ 25,000.00	\$ 50,000.00	
<b>SUBTOTAL ROADWAY &amp; DRAINAGE</b>				\$ 4,379,000.00	
<b>UTILITIES</b>					
RELOCATE WATER DISTRIBUTION	STA		\$ 150.00	\$ -	
RELOCATE WATER TRANSMISSION	STA		\$ 350.00	\$ -	
RELOCATE SANITARY SEWER	STA		\$ 650.00	\$ -	
RELOCATE FORCE MAIN	STA		\$ 650.00	\$ -	
<b>SUBTOTAL UTILITIES</b>				\$ -	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-14  
ROAD: Bryan Road  
LIMITS: FROM: FM 2218  
TO: Spacek Rd  
LENGTH: FEET = 5300  
MILES = 1.00

DESCRIPTION: 4-lane concrete boulevard, undetermined  
realignment at FM 2218, bridge, new signal at  
2218, ROW purchase to get to 90' (max feasible)

**COST SUMMARY**

ENGINEERING	\$	618,555.80
RIGHT OF WAY	\$	817,500.00
CONST. PHASE SERVICES	\$	371,133.48
CONSTRUCTION	\$	6,185,558.00
<b>TOTAL</b>	<b>\$</b>	<b>7,992,747.28</b>

PREPARED BY: SPI - MCD

Date: 06/21/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>MISCELLANEOUS</b>					
SIGNALIZED INTERSECTION	EA	1	\$ 125,000.00	\$ 125,000.00	At FM 2218
ROADWAY ILLUMINATION	MI		\$ 200,000.00	\$ -	
SIGNING & PAVEMENT MARKINGS	STA	53	\$ 600.00	\$ 31,800.00	
SWPPP	STA	53	\$ 2,000.00	\$ 106,000.00	
<b>SUBTOTAL MISCELLANEOUS</b>				\$ 262,800.00	
<b>SPECIAL ITEMS</b>					
RETAINING WALL	SF		\$ 50.00	\$ -	
PUMP STATION	EA		\$ 20,000.00	\$ -	
DETENTION POND	AC-FT	1.6	\$ 50,000.00	\$ 80,000.00	
IN-LINE DETENTION	AC-FT		\$ 300,000.00	\$ -	
LANDSCAPING	STA		\$ 10,000.00	\$ -	
<b>SUBTOTAL SPECIAL ITEMS</b>				\$ 80,000.00	
TRAFFIC CONTROL PLAN (1%-5% CONST ITEMS)	LS	1	1%	\$ 47,218.00	
MOBILIZATION (5%-10% CONST ITEMS)	LS	1	5%	\$ 236,090.00	
CONTINGENCY (25% CONST ITEMS)	LS	1	25%	\$ 1,180,450.00	
<b>CONSTRUCTION COST TOTAL</b>				\$ 6,185,558.00	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-14  
ROAD: Bryan Road  
LIMITS: FROM: FM 2218  
TO: Spacek Rd  
LENGTH: FEET = 5300  
MILES = 1.00

DESCRIPTION: 4-lane concrete boulevard, undetermined  
realignment at FM 2218, bridge, new signal at  
2218, ROW purchase to get to 90' (max feasible)

**COST SUMMARY**

ENGINEERING	\$	618,555.80
RIGHT OF WAY	\$	817,500.00
CONST. PHASE SERVICES	\$	371,133.48
CONSTRUCTION	\$	6,185,558.00
<b>TOTAL</b>	<b>\$</b>	<b>7,992,747.28</b>

PREPARED BY: SPI - MCD

Date: 06/21/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ENGINEERING</b>					
PREL ENG REPORT (4% CONST COST)	LS	1	4%	\$ 247,422.32	
PS&E DOCUMENTS (6% CONST COST)	LS	1	6%	\$ 371,133.48	
<b>SUBTOTAL ENGINEERING</b>				\$ 618,555.80	
<b>CONSTRUCTION PHASE SERVICES</b>					
CONST PHASE SERVICES (2% CONST)	LS	1	2%	\$ 123,711.16	
LABORATORY TESTING (4% CONST)	LS	1	4%	\$ 247,422.32	
<b>SUBTOTAL CONSTRUCTION PHASE SERVICES</b>				\$ 371,133.48	
<b>RIGHT OF WAY</b>					
UNDEVELOPED (\$2.50 - \$4.00 / SF)	SF	87,000	\$ 2.50	\$ 217,500.00	Addn'l 30'x2880' to get 90' R.O.W.
HARD CORNERS (\$10.00 - \$20.00 / SF)	SF		\$ 10.00	\$ -	
STRUCTURES	EA			\$ -	
MAPPING & ACQUISITION	PARCEL		\$ 10,000.00	\$ -	
PIPELINE RELOCATION	EA	1	\$ 600,000.00	\$ 600,000.00	(1) 9" Exxon/Mobil (gasoline)
<b>SUBTOTAL RIGHT OF WAY</b>				\$ 817,500.00	
<b>PROJECT COST SUMMARY</b>					
ENGINEERING				\$ 618,555.80	Land cost plus acquisition cost materials testing & constr. eng
RIGHT OF WAY				\$ 817,500.00	
CONSTRUCTION PHASE SERVICES				\$ 371,133.48	
CONSTRUCTION				\$ 6,185,558.00	
<b>TOTAL PROJECT COST</b>				\$ 7,992,747.28	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-15  
ROAD: FM 762 extension / 10th street  
LIMITS: FROM: US90A (Jackson)  
TO: Clay  
LENGTH: FEET = 3600  
MILES = 0.68

DESCRIPTION: 4-lane undivided concrete C&G w/ storm sewer,  
realigned to match F.M. 762, 80' ROW purchase  
on new alignment, water/sewer adjustments

**COST SUMMARY**

ENGINEERING	\$	384,561.00
RIGHT OF WAY	\$	948,000.00
CONST. PHASE SERVICES	\$	230,736.60
CONSTRUCTION	\$	3,845,610.00
<b>TOTAL</b>	<b>\$</b>	<b>5,408,907.60</b>

PREPARED BY: SPI - MCD

Date: 06/13/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ROADWAY &amp; DRAINAGE</b>					
REMOVAL/PREP ROW	STA	36	\$ 5,000.00	\$ 180,000.00	Paving items are inclusive of subgrade, base, surface, and earthwork
CONCRETE PAVEMENT					
3-LANE C&G (38' F-F)	STA		\$ 25,000.00	\$ -	
4-LANE DIVIDED C&G (52' F-F)	STA	36	\$ 36,000.00	\$ 1,296,000.00	
5-LANE C&G (62' F-F)	STA		\$ 40,000.00	\$ -	
ASPHALT PAVEMENT					Prep for toll road over Brazos River; City of Richmond project
NEW CONSTRUCTION	SY		\$ 85.00	\$ -	
REHABILITATION/OVERLAY	SY		\$ 15.00	\$ -	
CHIP SEAL & WIDEN	LN-MI		\$ 300,000.00	\$ -	
BRIDGE	SF		\$ 65.00	\$ -	
STORM SEWER SYSTEM	STA	36	\$ 20,000.00	\$ 720,000.00	
CROSS CULVERT	EA		\$ 25,000.00	\$ -	
OUTFALL	EA			\$ -	
<b>SUBTOTAL ROADWAY &amp; DRAINAGE</b>				\$ 2,196,000.00	
<b>UTILITIES</b>					
RELOCATE WATER DISTRIBUTION	STA	36	\$ 4,000.00	\$ 144,000.00	
RELOCATE WATER TRANSMISSION	STA		\$ 350.00	\$ -	
RELOCATE SANITARY SEWER	STA		\$ 650.00	\$ -	
RELOCATE FORCE MAIN	STA		\$ 650.00	\$ -	
<b>SUBTOTAL UTILITIES</b>				\$ 144,000.00	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-15  
ROAD: FM 762 extension / 10th street  
LIMITS: FROM: US90A (Jackson)  
TO: Clay  
LENGTH: FEET = 3600  
MILES = 0.68

DESCRIPTION: 4-lane undivided concrete C&G w/ storm sewer,  
realigned to match F.M. 762, 80' ROW purchase  
on new alignment, water/sewer adjustments

**COST SUMMARY**

ENGINEERING	\$	384,561.00
RIGHT OF WAY	\$	948,000.00
CONST. PHASE SERVICES	\$	230,736.60
CONSTRUCTION	\$	3,845,610.00
<b>TOTAL</b>	<b>\$</b>	<b>5,408,907.60</b>

PREPARED BY: SPI - MCD

Date: 06/13/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>MISCELLANEOUS</b>					
SIGNALIZED INTERSECTION	EA		\$ 125,000.00	\$ -	
ROADWAY ILLUMINATION	MI		\$ 200,000.00	\$ -	
SIGNING & PAVEMENT MARKINGS	STA	36	\$ 600.00	\$ 21,600.00	
SWPPP	STA	36	\$ 2,000.00	\$ 72,000.00	
<b>SUBTOTAL MISCELLANEOUS</b>				\$ 93,600.00	
<b>SPECIAL ITEMS</b>					
RETAINING WALL	SF		\$ 50.00	\$ -	
PUMP STATION	EA		\$ 20,000.00	\$ -	
DETENTION POND	AC-FT	1.1	\$ 50,000.00	\$ 55,000.00	
IN-LINE DETENTION	AC-FT		\$ 300,000.00	\$ -	
LANDSCAPING	STA	36	\$ 10,000.00	\$ 360,000.00	Primarily sidewalk and driveways
<b>SUBTOTAL SPECIAL ITEMS</b>				\$ 415,000.00	
TRAFFIC CONTROL PLAN (1%-5% CONST ITEMS)	LS	1	5%	\$ 142,430.00	
MOBILIZATION (5%-10% CONST ITEMS)	LS	1	5%	\$ 142,430.00	
CONTINGENCY (25% CONST ITEMS)	LS	1	25%	\$ 712,150.00	
<b>CONSTRUCTION COST TOTAL</b>				\$ 3,845,610.00	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-15  
ROAD: FM 762 extension / 10th street  
LIMITS: FROM: US90A (Jackson)  
TO: Clay  
LENGTH: FEET = 3600  
MILES = 0.68

DESCRIPTION: 4-lane undivided concrete C&G w/ storm sewer, realigned to match F.M. 762, 80' ROW purchase on new alignment, water/sewer adjustments

**COST SUMMARY**

ENGINEERING	\$	384,561.00
RIGHT OF WAY	\$	948,000.00
CONST. PHASE SERVICES	\$	230,736.60
CONSTRUCTION	\$	3,845,610.00
<b>TOTAL</b>	<b>\$</b>	<b>5,408,907.60</b>

PREPARED BY: SPI - MCD

Date: 06/13/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ENGINEERING</b>					
PREL ENG REPORT (4% CONST COST)	LS	1	4%	\$ 153,824.40	
PS&E DOCUMENTS (6% CONST COST)	LS	1	6%	\$ 230,736.60	
<b>SUBTOTAL ENGINEERING</b>				\$ 384,561.00	
<b>CONSTRUCTION PHASE SERVICES</b>					
CONST PHASE SERVICES (2% CONST)	LS	1	2%	\$ 76,912.20	
LABORATORY TESTING (4% CONST)	LS	1	4%	\$ 153,824.40	
<b>SUBTOTAL CONSTRUCTION PHASE SERVICES</b>				\$ 230,736.60	
<b>RIGHT OF WAY</b>					
UNDEVELOPED (\$2.50 - \$4.00 / SF)	SF	60000	\$ 4.80	\$ 288,000.00	
HARD CORNERS (\$10.00 - \$20.00 / SF)	SF		\$ 10.00	\$ -	
STRUCTURES	EA	8	\$ 75,000.00	\$ 600,000.00	4 structures plus RR crossing
MAPPING & ACQUISITION	PARCEL	6	\$ 10,000.00	\$ 60,000.00	
PIPELINE RELOCATION	EA				None
<b>SUBTOTAL RIGHT OF WAY</b>				\$ 948,000.00	
<b>PROJECT COST SUMMARY</b>					
ENGINEERING				\$ 384,561.00	
RIGHT OF WAY				\$ 948,000.00	
CONSTRUCTION PHASE SERVICES				\$ 230,736.60	
CONSTRUCTION				\$ 3,845,610.00	
<b>TOTAL PROJECT COST</b>				\$ 5,408,907.60	Land cost plus acquisition cost materials testing & constr. eng

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-16  
ROAD: Lamar Drive  
LIMITS: FROM: FM 1640  
TO: FM 2218  
LENGTH: FEET = 1000  
MILES = 0.19

DESCRIPTION: New location 3-lane concrete C&G w/ storm sewer, signal at FM 2218, 80' ROW purchase

**COST SUMMARY**

ENGINEERING	\$	89,509.00
RIGHT OF WAY	\$	706,000.00
CONST. PHASE SERVICES	\$	53,705.40
CONSTRUCTION	\$	895,090.00
<b>TOTAL</b>	<b>\$</b>	<b>1,744,304.40</b>

PREPARED BY: SPI - MCD

Date: 06/13/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ROADWAY &amp; DRAINAGE</b>					
REMOVAL/PREP ROW	STA	10	\$ 5,000.00	\$ 50,000.00	
CONCRETE PAVEMENT					
3-LANE C&G (38' F-F)	STA	10	\$ 25,000.00	\$ 250,000.00	Paving items are inclusive of subgrade, base, surface, and earthwork
4-LANE DIVIDED C&G (52' F-F)	STA		\$ 36,000.00	\$ -	
5-LANE C&G (62' F-F)	STA		\$ 40,000.00	\$ -	Center Point gas pipe line lots of clearing
ASPHALT PAVEMENT					
NEW CONSTRUCTION	SY		\$ 85.00	\$ -	
REHABILITATION/OVERLAY	SY		\$ 15.00	\$ -	
CHIP SEAL & WIDEN	LN-MI		\$ 300,000.00	\$ -	In between 2 TxDot roads - lots of traffic control
BRIDGE	SF		\$ 65.00	\$ -	
STORM SEWER SYSTEM	STA	10	\$ 20,000.00	\$ 200,000.00	
CROSS CULVERT	EA		\$ 25,000.00	\$ -	
OUTFALL	EA			\$ -	
<b>SUBTOTAL ROADWAY &amp; DRAINAGE</b>				\$ 500,000.00	
<b>UTILITIES</b>					
RELOCATE WATER DISTRIBUTION	STA		\$ 150.00	\$ -	
RELOCATE WATER TRANSMISSION	STA		\$ 350.00	\$ -	
RELOCATE SANITARY SEWER	STA		\$ 650.00	\$ -	
RELOCATE FORCE MAIN	STA		\$ 650.00	\$ -	
<b>SUBTOTAL UTILITIES</b>				\$ -	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-16  
ROAD: Lamar Drive  
LIMITS: FROM: FM 1640  
TO: FM 2218  
LENGTH: FEET = 1000  
MILES = 0.19

DESCRIPTION: New location 3-lane concrete C&G w/ storm sewer, signal at FM 2218, 80' ROW purchase

**COST SUMMARY**

ENGINEERING	\$	89,509.00
RIGHT OF WAY	\$	706,000.00
CONST. PHASE SERVICES	\$	53,705.40
CONSTRUCTION	\$	895,090.00
<b>TOTAL</b>	<b>\$</b>	<b>1,744,304.40</b>

PREPARED BY: SPI - MCD

Date: 06/13/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>MISCELLANEOUS</b>					
SIGNALIZED INTERSECTION	EA	1	\$ 125,000.00	\$ 125,000.00	At FM 2218
ROADWAY ILLUMINATION	MI		\$ 200,000.00	\$ -	
SIGNING & PAVEMENT MARKINGS	STA	10	\$ 600.00	\$ 6,000.00	
SWPPP	STA	10	\$ 2,000.00	\$ 20,000.00	
<b>SUBTOTAL MISCELLANEOUS</b>				\$ 151,000.00	
<b>SPECIAL ITEMS</b>					
RETAINING WALL	SF		\$ 50.00	\$ -	
PUMP STATION	EA		\$ 20,000.00	\$ -	
DETENTION POND	AC-FT	0.44	\$ 50,000.00	\$ 22,000.00	
IN-LINE DETENTION	AC-FT		\$ 300,000.00	\$ -	
LANDSCAPING	STA		\$ 10,000.00	\$ -	
<b>SUBTOTAL SPECIAL ITEMS</b>				\$ 22,000.00	
TRAFFIC CONTROL PLAN (1%-5% CONST ITEMS)	LS	1	3%	\$ 20,190.00	
MOBILIZATION (5%-10% CONST ITEMS)	LS	1	5%	\$ 33,650.00	
CONTINGENCY (25% CONST ITEMS)	LS	1	25%	\$ 168,250.00	
<b>CONSTRUCTION COST TOTAL</b>				\$ 895,090.00	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-16  
ROAD: Lamar Drive  
LIMITS: FROM: FM 1640  
TO: FM 2218  
LENGTH: FEET = 1000  
MILES = 0.19

DESCRIPTION: New location 3-lane concrete C&G w/ storm sewer, signal at FM 2218, 80' ROW purchase

**COST SUMMARY**

ENGINEERING	\$	89,509.00
RIGHT OF WAY	\$	706,000.00
CONST. PHASE SERVICES	\$	53,705.40
CONSTRUCTION	\$	895,090.00
<b>TOTAL</b>	<b>\$</b>	<b>1,744,304.40</b>

PREPARED BY: SPI - MCD

Date: 06/13/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ENGINEERING</b>					
PREL ENG REPORT (4% CONST COST)	LS	1	4%	\$ 35,803.60	
PS&E DOCUMENTS (6% CONST COST)	LS	1	6%	\$ 53,705.40	
<b>SUBTOTAL ENGINEERING</b>				\$ 89,509.00	
<b>CONSTRUCTION PHASE SERVICES</b>					
CONST PHASE SERVICES (2% CONST)	LS	1	2%	\$ 17,901.80	
LABORATORY TESTING (4% CONST)	LS	1	4%	\$ 35,803.60	
<b>SUBTOTAL CONSTRUCTION PHASE SERVICES</b>				\$ 53,705.40	
<b>RIGHT OF WAY</b>					
UNDEVELOPED (\$2.50 - \$4.00 / SF)	SF	80000	\$ 8.70	\$ 696,000.00	
HARD CORNERS (\$10.00 - \$20.00 / SF)	SF		\$ 10.00	\$ -	
STRUCTURES	EA			\$ -	
MAPPING & ACQUISITION	PARCEL	1	\$ 10,000.00	\$ 10,000.00	
PIPELINE RELOCATION	EA				
<b>SUBTOTAL RIGHT OF WAY</b>				\$ 706,000.00	None
<b>PROJECT COST SUMMARY</b>					
ENGINEERING				\$ 89,509.00	
RIGHT OF WAY				\$ 706,000.00	Land cost plus acquisition cost
CONSTRUCTION PHASE SERVICES				\$ 53,705.40	materials testing & constr. eng
CONSTRUCTION				\$ 895,090.00	
<b>TOTAL PROJECT COST</b>				\$ 1,744,304.40	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-17  
ROAD: Second Street  
LIMITS: FROM: US 90A (Jackson Street)  
TO: Clay  
LENGTH: FEET = 2680  
MILES = 0.51

DESCRIPTION: Reconstruct as 3-lane concrete C&G w/ storm sewer, water & sanitary relocations, no ROW acquisition

**COST SUMMARY**

ENGINEERING	\$	270,226.80
RIGHT OF WAY	\$	350,000.00
CONST. PHASE SERVICES	\$	162,136.08
CONSTRUCTION	\$	2,702,268.00
<b>TOTAL</b>	<b>\$</b>	<b>3,484,630.88</b>

PREPARED BY: SPI - MCD

Date: 06/20/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ROADWAY &amp; DRAINAGE</b>					
REMOVAL/PREP ROW	STA	26.8	\$ 5,000.00	\$ 134,000.00	Paving items are inclusive of subgrade, base, surface, and earthwork  3-lane per Kaluza
CONCRETE PAVEMENT					
3-LANE C&G (38' F-F)	STA	26.8	\$ 25,000.00	\$ 670,000.00	
4-LANE DIVIDED C&G (52' F-F)	STA		\$ 36,000.00	\$ -	
5-LANE C&G (62' F-F)	STA		\$ 40,000.00	\$ -	
ASPHALT PAVEMENT					
NEW CONSTRUCTION	SY		\$ 85.00	\$ -	
REHABILITATION/OVERLAY	SY		\$ 15.00	\$ -	
CHIP SEAL & WIDEN	LN-MI		\$ 300,000.00	\$ -	
BRIDGE	SF		\$ 65.00	\$ -	
STORM SEWER SYSTEM	STA	26.8	\$ 20,000.00	\$ 536,000.00	18" sanitary sewer to be relocated
CROSS CULVERT	EA		\$ 25,000.00	\$ -	
OUTFALL	EA			\$ -	
<b>SUBTOTAL ROADWAY &amp; DRAINAGE</b>				\$ 1,340,000.00	
<b>UTILITIES</b>					
RELOCATE WATER DISTRIBUTION	STA	27	\$ 4,000.00	\$ 108,000.00	18" sanitary sewer to be relocated
RELOCATE WATER TRANSMISSION	STA		\$ 350.00	\$ -	
RELOCATE SANITARY SEWER	STA	18	\$ 12,000.00	\$ 216,000.00	
RELOCATE FORCE MAIN	STA		\$ 650.00	\$ -	
<b>SUBTOTAL UTILITIES</b>				\$ 324,000.00	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-17  
ROAD: Second Street  
LIMITS: FROM: US 90A (Jackson Street)  
TO: Clay  
LENGTH: FEET = 2680  
MILES = 0.51

DESCRIPTION: Reconstruct as 3-lane concrete C&G w/ storm sewer, water & sanitary relocations, no ROW acquisition

**COST SUMMARY**

ENGINEERING	\$	270,226.80
RIGHT OF WAY	\$	350,000.00
CONST. PHASE SERVICES	\$	162,136.08
CONSTRUCTION	\$	2,702,268.00
<b>TOTAL</b>	<b>\$</b>	<b>3,484,630.88</b>

PREPARED BY: SPI - MCD

Date: 06/20/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>MISCELLANEOUS</b>					
SIGNALIZED INTERSECTION	EA		\$ 125,000.00	\$ -	
ROADWAY ILLUMINATION	MI		\$ 200,000.00	\$ -	
SIGNING & PAVEMENT MARKINGS	STA	26.8	\$ 600.00	\$ 16,080.00	
SWPPP	STA	26.8	\$ 2,000.00	\$ 53,600.00	
<b>SUBTOTAL MISCELLANEOUS</b>				\$ 69,680.00	
<b>SPECIAL ITEMS</b>					
RETAINING WALL	SF		\$ 50.00	\$ -	
PUMP STATION	EA		\$ 20,000.00	\$ -	
DETENTION POND	AC-FT		\$ 50,000.00	\$ -	
IN-LINE DETENTION	AC-FT		\$ 300,000.00	\$ -	
LANDSCAPING	STA	26.8	\$ 10,000.00	\$ 268,000.00	primarily sidewalk and driveways
<b>SUBTOTAL SPECIAL ITEMS</b>				\$ 268,000.00	
TRAFFIC CONTROL PLAN (1%-5% CONST ITEMS)	LS	1	5%	\$ 100,084.00	
MOBILIZATION (5%-10% CONST ITEMS)	LS	1	5%	\$ 100,084.00	
CONTINGENCY (25% CONST ITEMS)	LS	1	25%	\$ 500,420.00	
<b>CONSTRUCTION COST TOTAL</b>				\$ 2,702,268.00	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-17  
ROAD: Second Street  
LIMITS: FROM: US 90A (Jackson Street)  
TO: Clay  
LENGTH: FEET = 2680  
MILES = 0.51

DESCRIPTION: Reconstruct as 3-lane concrete C&G w/ storm sewer, water & sanitary relocations, no ROW acquisition

**COST SUMMARY**

ENGINEERING	\$	270,226.80
RIGHT OF WAY	\$	350,000.00
CONST. PHASE SERVICES	\$	162,136.08
CONSTRUCTION	\$	2,702,268.00
<b>TOTAL</b>	<b>\$</b>	<b>3,484,630.88</b>

PREPARED BY: SPI - MCD

Date: 06/20/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ENGINEERING</b>					
PREL ENG REPORT (4% CONST COST)	LS	1	4%	\$ 108,090.72	
PS&E DOCUMENTS (6% CONST COST)	LS	1	6%	\$ 162,136.08	
<b>SUBTOTAL ENGINEERING</b>				\$ 270,226.80	
<b>CONSTRUCTION PHASE SERVICES</b>					
CONST PHASE SERVICES (2% CONST)	LS	1	2%	\$ 54,045.36	
LABORATORY TESTING (4% CONST)	LS	1	4%	\$ 108,090.72	
<b>SUBTOTAL CONSTRUCTION PHASE SERVICES</b>				\$ 162,136.08	
<b>RIGHT OF WAY</b>					
UNDEVELOPED (\$2.50 - \$4.00 / SF)	SF	1	\$ 4.80	\$ -	At Grade RR crossing
HARD CORNERS (\$10.00 - \$20.00 / SF)	SF		\$ 10.00	\$ -	
STRUCTURES	EA		\$ 350,000.00	\$ 350,000.00	
MAPPING & ACQUISITION	PARCEL		\$ 10,000.00	\$ -	
PIPELINE RELOCATION	EA				
<b>SUBTOTAL RIGHT OF WAY</b>				\$ 350,000.00	None
<b>PROJECT COST SUMMARY</b>					
ENGINEERING				\$ 270,226.80	Land cost plus acquisition cost materials testing & constr. eng
RIGHT OF WAY				\$ 350,000.00	
CONSTRUCTION PHASE SERVICES				\$ 162,136.08	
CONSTRUCTION				\$ 2,702,268.00	
<b>TOTAL PROJECT COST</b>				\$ 3,484,630.88	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-18  
ROAD: F.M. 762 Right turn lane  
LIMITS: FROM: Austin St  
TO: Travis St  
LENGTH: FEET = 300  
MILES = 0.06

DESCRIPTION: Lane additions with significant storm sewer revisions within existing ROW

**COST SUMMARY**

ENGINEERING	\$	42,812.00
RIGHT OF WAY	\$	-
CONST. PHASE SERVICES	\$	25,687.20
CONSTRUCTION	\$	428,120.00
<b>TOTAL</b>	<b>\$</b>	<b>496,619.20</b>

PREPARED BY: \_\_\_\_\_

Date: \_\_\_\_\_

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ROADWAY &amp; DRAINAGE</b>					
REMOVAL/PREP ROW	STA	3	\$ 5,000.00	\$ 15,000.00	Paving items are inclusive of subgrade, base, surface, and earthwork
CONCRETE PAVEMENT					
3-LANE C&G (38' F-F)	STA		\$ 25,000.00	\$ -	
4-LANE DIVIDED C&G (52' F-F)	STA		\$ 36,000.00	\$ -	
5-LANE C&G (62' F-F)	STA		\$ 40,000.00	\$ -	
ASPHALT PAVEMENT					
NEW CONSTRUCTION	SY	700	\$ 85.00	\$ 59,500.00	
REHABILITATION/OVERLAY	SY		\$ 15.00	\$ -	
CHIP SEAL & WIDEN	LN-MI		\$ 300,000.00	\$ -	
BRIDGE	SF		\$ 65.00	\$ -	
STORM SEWER SYSTEM	STA	3	\$ 50,000.00	\$ 150,000.00	
CROSS CULVERT	EA		\$ 25,000.00	\$ -	
OUTFALL	EA	1	\$ 20,000.00	\$ 20,000.00	Junction Box
<b>SUBTOTAL ROADWAY &amp; DRAINAGE</b>				\$ 244,500.00	
<b>UTILITIES</b>					
RELOCATE WATER DISTRIBUTION	STA	3	\$ 3,000.00	\$ 9,000.00	
RELOCATE WATER TRANSMISSION	STA		\$ 350.00	\$ -	
RELOCATE SANITARY SEWER	STA	3	\$ 6,500.00	\$ 19,500.00	
RELOCATE FORCE MAIN	STA		\$ 650.00	\$ -	
<b>SUBTOTAL UTILITIES</b>				\$ 28,500.00	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-18  
ROAD: F.M. 762 Right turn lane  
LIMITS: FROM: Austin St  
TO: Travis St  
LENGTH: FEET = 300  
MILES = 0.06

DESCRIPTION: Lane additions with significant storm sewer revisions within existing ROW

**COST SUMMARY**

ENGINEERING	\$	42,812.00
RIGHT OF WAY	\$	-
CONST. PHASE SERVICES	\$	25,687.20
CONSTRUCTION	\$	428,120.00
<b>TOTAL</b>	<b>\$</b>	<b>496,619.20</b>

PREPARED BY: \_\_\_\_\_

Date: \_\_\_\_\_

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>MISCELLANEOUS</b>					
SIGNALIZED INTERSECTION	EA		\$ 125,000.00	\$ -	
ROADWAY ILLUMINATION	MI		\$ 200,000.00	\$ -	
SIGNING & PAVEMENT MARKINGS	STA	3	\$ 600.00	\$ 1,800.00	
SWPPP	STA	3	\$ 2,000.00	\$ 6,000.00	
<b>SUBTOTAL MISCELLANEOUS</b>				\$ 7,800.00	
<b>SPECIAL ITEMS</b>					
RETAINING WALL	SF	500	\$ 50.00	\$ 25,000.00	
PUMP STATION	EA		\$ 20,000.00	\$ -	
DETENTION POND	AC-FT		\$ 50,000.00	\$ -	
IN-LINE DETENTION	AC-FT		\$ 300,000.00	\$ -	
LANDSCAPING	STA		\$ 10,000.00	\$ -	
<b>SUBTOTAL SPECIAL ITEMS</b>				\$ 25,000.00	
TRAFFIC CONTROL PLAN (1%-5% CONST ITEMS)	LS	1	10%	\$ 30,580.00	
MOBILIZATION (5%-10% CONST ITEMS)	LS	1	5%	\$ 15,290.00	
CONTINGENCY (25% CONST ITEMS)	LS	1	25%	\$ 76,450.00	
<b>CONSTRUCTION COST TOTAL</b>				\$ 428,120.00	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-18  
ROAD: F.M. 762 Right turn lane  
LIMITS: FROM: Austin St  
TO: Travis St  
LENGTH: FEET = 300  
MILES = 0.06

DESCRIPTION: Lane additions with significant storm sewer revisions within existing ROW

**COST SUMMARY**

ENGINEERING	\$	42,812.00
RIGHT OF WAY	\$	-
CONST. PHASE SERVICES	\$	25,687.20
CONSTRUCTION	\$	428,120.00
<b>TOTAL</b>	<b>\$</b>	<b>496,619.20</b>

PREPARED BY: \_\_\_\_\_

Date: \_\_\_\_\_

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ENGINEERING</b>					
PREL ENG REPORT (4% CONST COST)	LS	1	4%	\$ 17,124.80	
PS&E DOCUMENTS (6% CONST COST)	LS	1	6%	\$ 25,687.20	
<b>SUBTOTAL ENGINEERING</b>				\$ 42,812.00	
<b>CONSTRUCTION PHASE SERVICES</b>					
CONST PHASE SERVICES (2% CONST)	LS	1	2%	\$ 8,562.40	
LABORATORY TESTING (4% CONST)	LS	1	4%	\$ 17,124.80	
<b>SUBTOTAL CONSTRUCTION PHASE SERVICES</b>				\$ 25,687.20	
<b>RIGHT OF WAY</b>					
UNDEVELOPED (\$2.50 - \$4.00 / SF)	SF		\$ 2.50	\$ -	
HARD CORNERS (\$10.00 - \$20.00 / SF)	SF		\$ 10.00	\$ -	
STRUCTURES	EA			\$ -	
MAPPING & ACQUISITION	PARCEL		\$ 10,000.00	\$ -	
PIPELINE RELOCATION	EA			\$ -	
<b>SUBTOTAL RIGHT OF WAY</b>				\$ -	
<b>PROJECT COST SUMMARY</b>					
ENGINEERING				\$ 42,812.00	
RIGHT OF WAY				\$ -	
CONSTRUCTION PHASE SERVICES				\$ 25,687.20	
CONSTRUCTION				\$ 428,120.00	
<b>TOTAL PROJECT COST</b>				\$ 496,619.20	Land cost plus acquisition cost materials testing & constr. eng

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-19  
ROAD: Airport Avenue  
LIMITS: FROM: From Louise St  
TO: Graeber Rd  
LENGTH: FEET = 4225  
MILES = 0.80

DESCRIPTION: 3-lane concrete with storm sewer and sidewalks  
in existing ROW. Assume existing bridge to remain.

**COST SUMMARY**

ENGINEERING	\$	304,438.20
RIGHT OF WAY	\$	-
CONST. PHASE SERVICES	\$	182,662.92
CONSTRUCTION	\$	3,044,382.00
<b>TOTAL</b>	<b>\$</b>	<b>3,531,483.12</b>

PREPARED BY: SPI - MCD

Date: 06/21/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ROADWAY &amp; DRAINAGE</b>					
REMOVAL/PREP ROW	STA	42.25	\$ 5,000.00	\$ 211,250.00	Paving items are inclusive of subgrade, base, surface, and earthwork
CONCRETE PAVEMENT					
3-LANE C&G (38' F-F)	STA	42.25	\$ 25,000.00	\$ 1,056,250.00	
4-LANE DIVIDED C&G (52' F-F)	STA		\$ 36,000.00	\$ -	
5-LANE C&G (62' F-F)	STA		\$ 40,000.00	\$ -	
ASPHALT PAVEMENT					Use Existing Bridge
NEW CONSTRUCTION	SY		\$ 85.00	\$ -	
REHABILITATION/OVERLAY	SY		\$ 15.00	\$ -	
CHIP SEAL & WIDEN	LN-MI		\$ 300,000.00	\$ -	
BRIDGE	SF		\$ 65.00	\$ -	
STORM SEWER SYSTEM	STA	42.25	\$ 20,000.00	\$ 845,000.00	
CROSS CULVERT	EA		\$ 25,000.00	\$ -	
OUTFALL	EA	2	\$ 25,000.00	\$ 50,000.00	
<b>SUBTOTAL ROADWAY &amp; DRAINAGE</b>				\$ 2,162,500.00	
<b>UTILITIES</b>					
RELOCATE WATER DISTRIBUTION	STA		\$ 150.00	\$ -	
RELOCATE WATER TRANSMISSION	STA		\$ 350.00	\$ -	
RELOCATE SANITARY SEWER	STA		\$ 650.00	\$ -	
RELOCATE FORCE MAIN	STA		\$ 650.00	\$ -	
<b>SUBTOTAL UTILITIES</b>				\$ -	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-19  
ROAD: Airport Avenue  
LIMITS: FROM: From Louise St  
TO: Graeber Rd  
LENGTH: FEET = 4225  
MILES = 0.80

DESCRIPTION: 3-lane concrete with storm sewer and sidewalks  
in existing ROW. Assume existing bridge to  
remain.

**COST SUMMARY**

ENGINEERING	\$	304,438.20
RIGHT OF WAY	\$	-
CONST. PHASE SERVICES	\$	182,662.92
CONSTRUCTION	\$	3,044,382.00
<b>TOTAL</b>	<b>\$</b>	<b>3,531,483.12</b>

PREPARED BY: SPI - MCD

Date: 06/21/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>MISCELLANEOUS</b>					
SIGNALIZED INTERSECTION	EA		\$ 125,000.00	\$ -	
ROADWAY ILLUMINATION	MI		\$ 200,000.00	\$ -	
SIGNING & PAVEMENT MARKINGS	STA	42.25	\$ 600.00	\$ 25,350.00	
SWPPP	STA	42.25	\$ 2,000.00	\$ 84,500.00	
<b>SUBTOTAL MISCELLANEOUS</b>				\$ 109,850.00	
<b>SPECIAL ITEMS</b>					
RETAINING WALL	SF		\$ 50.00	\$ -	
PUMP STATION	EA		\$ 20,000.00	\$ -	
DETENTION POND	AC-FT	0.68	\$ 50,000.00	\$ 34,000.00	
IN-LINE DETENTION	AC-FT		\$ 300,000.00	\$ -	
LANDSCAPING	STA		\$ 10,000.00	\$ -	
<b>SUBTOTAL SPECIAL ITEMS</b>				\$ 34,000.00	
TRAFFIC CONTROL PLAN (1%-5% CONST ITEMS)	LS	1	2%	\$ 46,127.00	
MOBILIZATION (5%-10% CONST ITEMS)	LS	1	5%	\$ 115,317.50	
CONTINGENCY (25% CONST ITEMS)	LS	1	25%	\$ 576,587.50	
<b>CONSTRUCTION COST TOTAL</b>				\$ 3,044,382.00	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-19  
ROAD: Airport Avenue  
LIMITS: FROM: From Louise St  
TO: Graeber Rd  
LENGTH: FEET = 4225  
MILES = 0.80

DESCRIPTION: 3-lane concrete with storm sewer and sidewalks  
in existing ROW. Assume existing bridge to  
remain.

**COST SUMMARY**

ENGINEERING	\$	304,438.20
RIGHT OF WAY	\$	-
CONST. PHASE SERVICES	\$	182,662.92
CONSTRUCTION	\$	3,044,382.00
<b>TOTAL</b>	<b>\$</b>	<b>3,531,483.12</b>

PREPARED BY: SPI - MCD

Date: 06/21/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ENGINEERING</b>					
PREL ENG REPORT (4% CONST COST)	LS	1	4%	\$ 121,775.28	
PS&E DOCUMENTS (6% CONST COST)	LS	1	6%	\$ 182,662.92	
<b>SUBTOTAL ENGINEERING</b>				\$ 304,438.20	
<b>CONSTRUCTION PHASE SERVICES</b>					
CONST PHASE SERVICES (2% CONST)	LS	1	2%	\$ 60,887.64	
LABORATORY TESTING (4% CONST)	LS	1	4%	\$ 121,775.28	
<b>SUBTOTAL CONSTRUCTION PHASE SERVICES</b>				\$ 182,662.92	
<b>RIGHT OF WAY</b>					
UNDEVELOPED (\$2.50 - \$4.00 / SF)	SF		\$ 2.50	\$ -	
HARD CORNERS (\$10.00 - \$20.00 / SF)	SF		\$ 10.00	\$ -	
STRUCTURES	EA			\$ -	
MAPPING & ACQUISITION	PARCEL		\$ 10,000.00	\$ -	
PIPELINE RELOCATION	EA			\$ -	
<b>SUBTOTAL RIGHT OF WAY</b>				\$ -	
<b>PROJECT COST SUMMARY</b>					
ENGINEERING				\$ 304,438.20	
RIGHT OF WAY				\$ -	
CONSTRUCTION PHASE SERVICES				\$ 182,662.92	
CONSTRUCTION				\$ 3,044,382.00	
<b>TOTAL PROJECT COST</b>				\$ 3,531,483.12	Land cost plus acquisition cost materials testing & constr. eng

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-20  
ROAD: Church Street  
LIMITS: FROM: FM 1236  
TO: Colony Road  
LENGTH: FEET = 5800  
MILES = 1.10

DESCRIPTION: 2-lane concrete C&G, 28' wide within existing ROW with storm sewer and public utility relocations

**COST SUMMARY**

ENGINEERING	\$	455,460.80
RIGHT OF WAY	\$	-
CONST. PHASE SERVICES	\$	273,276.48
CONSTRUCTION	\$	4,554,608.00
<b>TOTAL</b>	<b>\$</b>	<b>5,283,345.28</b>

PREPARED BY: \_\_\_\_\_

Date: \_\_\_\_\_

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ROADWAY &amp; DRAINAGE</b>					
REMOVAL/PREP ROW	STA	58	\$ 5,000.00	\$ 290,000.00	Paving items are inclusive of subgrade, base, surface, and earthwork
CONCRETE PAVEMENT					
3-LANE C&G (38' F-F)	STA	58	\$ 25,000.00	\$ 1,450,000.00	
4-LANE DIVIDED C&G (52' F-F)	STA		\$ 36,000.00	\$ -	
5-LANE C&G (62' F-F)	STA		\$ 40,000.00	\$ -	
ASPHALT PAVEMENT					
NEW CONSTRUCTION	SY		\$ 85.00	\$ -	
REHABILITATION/OVERLAY	SY		\$ 15.00	\$ -	
CHIP SEAL & WIDEN	LN-MI		\$ 300,000.00	\$ -	
BRIDGE	SF		\$ 65.00	\$ -	
STORM SEWER SYSTEM	STA	58	\$ 20,000.00	\$ 1,160,000.00	
CROSS CULVERT	EA		\$ 25,000.00	\$ -	
OUTFALL	EA			\$ -	
<b>SUBTOTAL ROADWAY &amp; DRAINAGE</b>				\$ 2,900,000.00	
<b>UTILITIES</b>					
RELOCATE WATER DISTRIBUTION	STA	63	\$ 1,500.00	\$ 94,500.00	
RELOCATE WATER TRANSMISSION	STA		\$ 350.00	\$ -	
RELOCATE SANITARY SEWER	STA	51	\$ 6,500.00	\$ 331,500.00	
RELOCATE FORCE MAIN	STA		\$ 650.00	\$ -	
<b>SUBTOTAL UTILITIES</b>				\$ 426,000.00	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-20  
ROAD: Church Street  
LIMITS: FROM: FM 1236  
TO: Colony Road  
LENGTH: FEET = 5800  
MILES = 1.10

DESCRIPTION: 2-lane concrete C&G, 28' wide within existing  
ROW with storm sewer and public utility  
relocations

**COST SUMMARY**

ENGINEERING	\$	455,460.80
RIGHT OF WAY	\$	-
CONST. PHASE SERVICES	\$	273,276.48
CONSTRUCTION	\$	4,554,608.00
<b>TOTAL</b>	<b>\$</b>	<b>5,283,345.28</b>

PREPARED BY: \_\_\_\_\_

Date: \_\_\_\_\_

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>MISCELLANEOUS</b>					
SIGNALIZED INTERSECTION	EA		\$ 125,000.00	\$ -	
ROADWAY ILLUMINATION	MI		\$ 200,000.00	\$ -	
SIGNING & PAVEMENT MARKINGS	STA	58	\$ 600.00	\$ 34,800.00	
SWPPP	STA	58	\$ 2,000.00	\$ 116,000.00	
<b>SUBTOTAL MISCELLANEOUS</b>				\$ 150,800.00	
<b>SPECIAL ITEMS</b>					
RETAINING WALL	SF		\$ 50.00	\$ -	
PUMP STATION	EA		\$ 20,000.00	\$ -	
DETENTION POND	AC-FT		\$ 50,000.00	\$ -	
IN-LINE DETENTION	AC-FT		\$ 300,000.00	\$ -	
LANDSCAPING	STA		\$ 10,000.00	\$ -	
<b>SUBTOTAL SPECIAL ITEMS</b>				\$ -	
TRAFFIC CONTROL PLAN (1%-5% CONST ITEMS)	LS	1	1%	\$ 34,768.00	
MOBILIZATION (5%-10% CONST ITEMS)	LS	1	5%	\$ 173,840.00	
CONTINGENCY (25% CONST ITEMS)	LS	1	25%	\$ 869,200.00	
<b>CONSTRUCTION COST TOTAL</b>				\$ 4,554,608.00	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-20  
ROAD: Church Street  
LIMITS: FROM: FM 1236  
TO: Colony Road  
LENGTH: FEET = 5800  
MILES = 1.10

DESCRIPTION: 2-lane concrete C&G, 28' wide within existing ROW with storm sewer and public utility relocations

**COST SUMMARY**

ENGINEERING	\$	455,460.80
RIGHT OF WAY	\$	-
CONST. PHASE SERVICES	\$	273,276.48
CONSTRUCTION	\$	4,554,608.00
<b>TOTAL</b>	<b>\$</b>	<b>5,283,345.28</b>

PREPARED BY: \_\_\_\_\_

Date: \_\_\_\_\_

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ENGINEERING</b>					
PREL ENG REPORT (4% CONST COST)	LS	1	4%	\$ 182,184.32	
PS&E DOCUMENTS (6% CONST COST)	LS	1	6%	\$ 273,276.48	
<b>SUBTOTAL ENGINEERING</b>				<b>\$ 455,460.80</b>	
<b>CONSTRUCTION PHASE SERVICES</b>					
CONST PHASE SERVICES (2% CONST)	LS	1	2%	\$ 91,092.16	
LABORATORY TESTING (4% CONST)	LS	1	4%	\$ 182,184.32	
<b>SUBTOTAL CONSTRUCTION PHASE SERVICES</b>				<b>\$ 273,276.48</b>	
<b>RIGHT OF WAY</b>					
UNDEVELOPED (\$2.50 - \$4.00 / SF)	SF		\$ 2.50	\$ -	
HARD CORNERS (\$10.00 - \$20.00 / SF)	SF		\$ 10.00	\$ -	
STRUCTURES	EA			\$ -	
MAPPING & ACQUISITION	PARCEL		\$ 10,000.00	\$ -	
PIPELINE RELOCATION	EA				
<b>SUBTOTAL RIGHT OF WAY</b>				<b>\$ -</b>	None
<b>PROJECT COST SUMMARY</b>					
ENGINEERING				\$ 455,460.80	
RIGHT OF WAY				\$ -	
CONSTRUCTION PHASE SERVICES				\$ 273,276.48	
CONSTRUCTION				\$ 4,554,608.00	
<b>TOTAL PROJECT COST</b>				<b>\$ 5,283,345.28</b>	Land cost plus acquisition cost materials testing & constr. eng

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-21  
ROAD: Hand rd.  
LIMITS: FROM: East of F.M. 2218  
TO:  
LENGTH: FEET = 950  
MILES = 0.18

DESCRIPTION: Straighten curve: 2-lane asphalt w/ shoulders by  
R&B, 80' ROW purchase

**COST SUMMARY**

ENGINEERING	\$	47,337.50
RIGHT OF WAY	\$	50,400.00
CONST. PHASE SERVICES	\$	28,402.50
CONSTRUCTION	\$	473,375.00
<b>TOTAL</b>	<b>\$</b>	<b>599,515.00</b>

PREPARED BY: SPI - MCD

Date: 06/13/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ROADWAY &amp; DRAINAGE</b>					
REMOVAL/PREP ROW	STA	10	\$ 5,000.00	\$ 50,000.00	Paving items are inclusive of subgrade, base, surface, and earthwork
CONCRETE PAVEMENT					
3-LANE C&G (38' F-F)	STA		\$ 25,000.00	\$ -	
4-LANE DIVIDED C&G (52' F-F)	STA		\$ 36,000.00	\$ -	
5-LANE C&G (62' F-F)	STA		\$ 40,000.00	\$ -	950' long by 36' wide. - 12' lanes, 6' shoulders
ASPHALT PAVEMENT					
NEW CONSTRUCTION	SY	3800	\$ 85.00	\$ 323,000.00	
REHABILITATION/OVERLAY	SY		\$ 15.00	\$ -	
CHIP SEAL & WIDEN	LN-MI		\$ 300,000.00	\$ -	
BRIDGE	SF		\$ 65.00	\$ -	
STORM SEWER SYSTEM	STA		\$ 20,000.00	\$ -	
CROSS CULVERT	EA		\$ 25,000.00	\$ -	
OUTFALL	EA			\$ -	
<b>SUBTOTAL ROADWAY &amp; DRAINAGE</b>				\$ 373,000.00	
<b>UTILITIES</b>					
RELOCATE WATER DISTRIBUTION	STA		\$ 150.00	\$ -	
RELOCATE WATER TRANSMISSION	STA		\$ 350.00	\$ -	
RELOCATE SANITARY SEWER	STA		\$ 650.00	\$ -	
RELOCATE FORCE MAIN	STA		\$ 650.00	\$ -	
<b>SUBTOTAL UTILITIES</b>				\$ -	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-21  
ROAD: Hand rd.  
LIMITS: FROM: East of F.M. 2218  
TO:  
LENGTH: FEET = 950  
MILES = 0.18

DESCRIPTION: Straighten curve: 2-lane asphalt w/ shoulders by  
R&B, 80' ROW purchase

**COST SUMMARY**

ENGINEERING	\$	47,337.50
RIGHT OF WAY	\$	50,400.00
CONST. PHASE SERVICES	\$	28,402.50
CONSTRUCTION	\$	473,375.00
<b>TOTAL</b>	<b>\$</b>	<b>599,515.00</b>

PREPARED BY: SPI - MCD

Date: 06/13/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>MISCELLANEOUS</b>					
SIGNALIZED INTERSECTION	EA		\$ 125,000.00	\$ -	
ROADWAY ILLUMINATION	MI		\$ 200,000.00	\$ -	
SIGNING & PAVEMENT MARKINGS	STA	9.5	\$ 600.00	\$ 5,700.00	
SWPPP	STA		\$ 2,000.00	\$ -	
<b>SUBTOTAL MISCELLANEOUS</b>				\$ 5,700.00	
<b>SPECIAL ITEMS</b>					
RETAINING WALL	SF		\$ 50.00	\$ -	
PUMP STATION	EA		\$ 20,000.00	\$ -	
DETENTION POND	AC-FT		\$ 50,000.00	\$ -	
IN-LINE DETENTION	AC-FT		\$ 300,000.00	\$ -	
LANDSCAPING	STA		\$ 10,000.00	\$ -	
<b>SUBTOTAL SPECIAL ITEMS</b>				\$ -	
TRAFFIC CONTROL PLAN (1%-5% CONST ITEMS)	LS		5%	\$ -	
MOBILIZATION (5%-10% CONST ITEMS)	LS		5%	\$ -	
CONTINGENCY (25% CONST ITEMS)	LS	1	25%	\$ 94,675.00	
<b>CONSTRUCTION COST TOTAL</b>				\$ 473,375.00	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-21  
ROAD: Hand rd.  
LIMITS: FROM: East of F.M. 2218  
TO:  
LENGTH: FEET = 950  
MILES = 0.18

DESCRIPTION: Straighten curve: 2-lane asphalt w/ shoulders by  
R&B, 80' ROW purchase

**COST SUMMARY**

ENGINEERING	\$	47,337.50
RIGHT OF WAY	\$	50,400.00
CONST. PHASE SERVICES	\$	28,402.50
CONSTRUCTION	\$	473,375.00
<b>TOTAL</b>	<b>\$</b>	<b>599,515.00</b>

PREPARED BY: SPI - MCD

Date: 06/13/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ENGINEERING</b>					
PREL ENG REPORT (4% CONST COST)	LS	1	4%	\$ 18,935.00	
PS&E DOCUMENTS (6% CONST COST)	LS	1	6%	\$ 28,402.50	
<b>SUBTOTAL ENGINEERING</b>				\$ 47,337.50	
<b>CONSTRUCTION PHASE SERVICES</b>					
CONST PHASE SERVICES (2% CONST)	LS	1	2%	\$ 9,467.50	
LABORATORY TESTING (4% CONST)	LS	1	4%	\$ 18,935.00	
<b>SUBTOTAL CONSTRUCTION PHASE SERVICES</b>				\$ 28,402.50	
<b>RIGHT OF WAY</b>					
UNDEVELOPED (\$2.50 - \$4.00 / SF)	SF	76000	\$ 0.40	\$ 30,400.00	
HARD CORNERS (\$10.00 - \$20.00 / SF)	SF		\$ 10.00	\$ -	
STRUCTURES	EA			\$ -	
MAPPING & ACQUISITION	PARCEL	2	\$ 10,000.00	\$ 20,000.00	
PIPELINE RELOCATION	EA				
<b>SUBTOTAL RIGHT OF WAY</b>				\$ 50,400.00	None
<b>PROJECT COST SUMMARY</b>					
ENGINEERING				\$ 47,337.50	
RIGHT OF WAY				\$ 50,400.00	
CONSTRUCTION PHASE SERVICES				\$ 28,402.50	
CONSTRUCTION				\$ 473,375.00	
<b>TOTAL PROJECT COST</b>				\$ 599,515.00	Land cost plus acquisition cost materials testing & constr. eng

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-22  
ROAD: Herndon Drive & Mustang Ave  
LIMITS: FROM: US 90A  
TO: Lane Dr  
LENGTH: FEET = 3700  
MILES = 0.70

DESCRIPTION: 4-lane concrete C&G with storm sewer, turn lanes, sidewalks, signal at 90A

**COST SUMMARY**

ENGINEERING	\$	305,738.40
RIGHT OF WAY	\$	-
CONST. PHASE SERVICES	\$	183,443.04
CONSTRUCTION	\$	3,057,384.00
<b>TOTAL</b>	<b>\$</b>	<b>3,546,565.44</b>

PREPARED BY: SPI - MCD

Date: 06/21/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ROADWAY &amp; DRAINAGE</b>					
REMOVAL/PREP ROW	STA	37	\$ 5,000.00	\$ 185,000.00	Paving items are inclusive of subgrade, base, surface, and earthwork
CONCRETE PAVEMENT					
3-LANE C&G (38' F-F)	STA	37	\$ 25,000.00	\$ 925,000.00	
4-LANE DIVIDED C&G (52' F-F)	STA		\$ 36,000.00	\$ -	
5-LANE C&G (62' F-F)	STA		\$ 40,000.00	\$ -	
ASPHALT PAVEMENT					
NEW CONSTRUCTION	SY		\$ 85.00	\$ -	
REHABILITATION/OVERLAY	SY		\$ 15.00	\$ -	
CHIP SEAL & WIDEN	LN-MI		\$ 300,000.00	\$ -	
BRIDGE	SF		\$ 65.00	\$ -	
STORM SEWER SYSTEM	STA	37	\$ 20,000.00	\$ 740,000.00	
CROSS CULVERT	EA		\$ 25,000.00	\$ -	
OUTFALL	EA			\$ -	
<b>SUBTOTAL ROADWAY &amp; DRAINAGE</b>				\$ 1,850,000.00	
<b>UTILITIES</b>					
RELOCATE WATER DISTRIBUTION	STA		\$ 150.00	\$ -	
RELOCATE WATER TRANSMISSION	STA		\$ 350.00	\$ -	
RELOCATE SANITARY SEWER	STA		\$ 650.00	\$ -	
RELOCATE FORCE MAIN	STA		\$ 650.00	\$ -	
<b>SUBTOTAL UTILITIES</b>				\$ -	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-22  
ROAD: Herndon Drive & Mustang Ave  
LIMITS: FROM: US 90A  
TO: Lane Dr  
LENGTH: FEET = 3700  
MILES = 0.70

DESCRIPTION: 4-lane concrete C&G with storm sewer, turn lanes, sidewalks, signal at 90A

**COST SUMMARY**

ENGINEERING	\$	305,738.40
RIGHT OF WAY	\$	-
CONST. PHASE SERVICES	\$	183,443.04
CONSTRUCTION	\$	3,057,384.00
<b>TOTAL</b>	<b>\$</b>	<b>3,546,565.44</b>

PREPARED BY: SPI - MCD

Date: 06/21/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>MISCELLANEOUS</b>					
SIGNALIZED INTERSECTION	EA	1	\$ 125,000.00	\$ 125,000.00	At Hwy. 90A
ROADWAY ILLUMINATION	MI		\$ 200,000.00	\$ -	
SIGNING & PAVEMENT MARKINGS	STA	37	\$ 600.00	\$ 22,200.00	
SWPPP	STA	37	\$ 2,000.00	\$ 74,000.00	
<b>SUBTOTAL MISCELLANEOUS</b>				\$ 221,200.00	
<b>SPECIAL ITEMS</b>					
RETAINING WALL	SF		\$ 50.00	\$ -	For sidewalk
PUMP STATION	EA		\$ 20,000.00	\$ -	
DETENTION POND	AC-FT	1.3	\$ 50,000.00	\$ 65,000.00	
IN-LINE DETENTION	AC-FT		\$ 300,000.00	\$ -	
LANDSCAPING	STA	18	\$ 10,000.00	\$ 180,000.00	
<b>SUBTOTAL SPECIAL ITEMS</b>				\$ 245,000.00	
TRAFFIC CONTROL PLAN (1%-5% CONST ITEMS)	LS	1	2%	\$ 46,324.00	
MOBILIZATION (5%-10% CONST ITEMS)	LS	1	5%	\$ 115,810.00	
CONTINGENCY (25% CONST ITEMS)	LS	1	25%	\$ 579,050.00	
<b>CONSTRUCTION COST TOTAL</b>				\$ 3,057,384.00	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-22  
ROAD: Herndon Drive & Mustang Ave  
LIMITS: FROM: US 90A  
TO: Lane Dr  
LENGTH: FEET = 3700  
MILES = 0.70

DESCRIPTION: 4-lane concrete C&G with storm sewer, turn lanes, sidewalks, signal at 90A

**COST SUMMARY**

ENGINEERING	\$	305,738.40
RIGHT OF WAY	\$	-
CONST. PHASE SERVICES	\$	183,443.04
CONSTRUCTION	\$	3,057,384.00
<b>TOTAL</b>	<b>\$</b>	<b>3,546,565.44</b>

PREPARED BY: SPI - MCD

Date: 06/21/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ENGINEERING</b>					
PREL ENG REPORT (4% CONST COST)	LS	1	4%	\$ 122,295.36	
PS&E DOCUMENTS (6% CONST COST)	LS	1	6%	\$ 183,443.04	
<b>SUBTOTAL ENGINEERING</b>				\$ 305,738.40	
<b>CONSTRUCTION PHASE SERVICES</b>					
CONST PHASE SERVICES (2% CONST)	LS	1	2%	\$ 61,147.68	
LABORATORY TESTING (4% CONST)	LS	1	4%	\$ 122,295.36	
<b>SUBTOTAL CONSTRUCTION PHASE SERVICES</b>				\$ 183,443.04	
<b>RIGHT OF WAY</b>					
UNDEVELOPED (\$2.50 - \$4.00 / SF)	SF		\$ 2.50	\$ -	Exist. 100' R.O.W.
HARD CORNERS (\$10.00 - \$20.00 / SF)	SF		\$ 10.00	\$ -	
STRUCTURES	EA			\$ -	
MAPPING & ACQUISITION	PARCEL		\$ 10,000.00	\$ -	
PIPELINE RELOCATION	EA			\$ -	None
<b>SUBTOTAL RIGHT OF WAY</b>				\$ -	
<b>PROJECT COST SUMMARY</b>					
ENGINEERING				\$ 305,738.40	Land cost plus acquisition cost materials testing & constr. eng
RIGHT OF WAY				\$ -	
CONSTRUCTION PHASE SERVICES				\$ 183,443.04	
CONSTRUCTION				\$ 3,057,384.00	
<b>TOTAL PROJECT COST</b>				\$ 3,546,565.44	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-23  
ROAD: Koeblen Rd.  
LIMITS FROM: East of F.M. 2218  
TO:  
LENGTH: FEET = 2000  
MILES = 0.38

DESCRIPTION: Straighten curve: 2-lane asphalt w/ shoulders by  
R&B, 80' ROW purchase

**COST SUMMARY**

ENGINEERING	\$	120,625.00
RIGHT OF WAY	\$	94,000.00
CONST. PHASE SERVICES	\$	72,375.00
CONSTRUCTION	\$	1,206,250.00
<b>TOTAL</b>	<b>\$</b>	<b>1,493,250.00</b>

PREPARED BY: SPI - MCD

Date: 06/13/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ROADWAY &amp; DRAINAGE</b>					
REMOVAL/PREP ROW	STA	24	\$ 5,000.00	\$ 120,000.00	Paving items are inclusive of subgrade, base, surface, and earthwork
CONCRETE PAVEMENT					
3-LANE C&G (38' F-F)	STA		\$ 25,000.00	\$ -	
4-LANE DIVIDED C&G (52' F-F)	STA		\$ 36,000.00	\$ -	
5-LANE C&G (62' F-F)	STA		\$ 40,000.00	\$ -	
ASPHALT PAVEMENT					
NEW CONSTRUCTION	SY	9800	\$ 85.00	\$ 833,000.00	2000' long by 36' wide. - 12' lanes, 6' shoulders
REHABILITATION/OVERLAY	SY		\$ 15.00	\$ -	
CHIP SEAL & WIDEN	LN-MI		\$ 300,000.00	\$ -	
BRIDGE	SF		\$ 65.00	\$ -	
STORM SEWER SYSTEM	STA		\$ 20,000.00	\$ -	
CROSS CULVERT	EA		\$ 25,000.00	\$ -	
OUTFALL	EA			\$ -	
<b>SUBTOTAL ROADWAY &amp; DRAINAGE</b>				\$ 953,000.00	
<b>UTILITIES</b>					
RELOCATE WATER DISTRIBUTION	STA		\$ 150.00	\$ -	
RELOCATE WATER TRANSMISSION	STA		\$ 350.00	\$ -	
RELOCATE SANITARY SEWER	STA		\$ 650.00	\$ -	
RELOCATE FORCE MAIN	STA		\$ 650.00	\$ -	
<b>SUBTOTAL UTILITIES</b>				\$ -	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-23  
ROAD: Koeblen Rd.  
LIMITS FROM: East of F.M. 2218  
TO:  
LENGTH: FEET = 2000  
MILES = 0.38

DESCRIPTION: Straighten curve: 2-lane asphalt w/ shoulders by  
R&B, 80' ROW purchase

**COST SUMMARY**

ENGINEERING	\$	120,625.00
RIGHT OF WAY	\$	94,000.00
CONST. PHASE SERVICES	\$	72,375.00
CONSTRUCTION	\$	1,206,250.00
<b>TOTAL</b>	<b>\$</b>	<b>1,493,250.00</b>

PREPARED BY: SPI - MCD

Date: 06/13/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>MISCELLANEOUS</b>					
SIGNALIZED INTERSECTION	EA		\$ 125,000.00	\$ -	
ROADWAY ILLUMINATION	MI		\$ 200,000.00	\$ -	
SIGNING & PAVEMENT MARKINGS	STA	20	\$ 600.00	\$ 12,000.00	
SWPPP	STA		\$ 2,000.00	\$ -	
<b>SUBTOTAL MISCELLANEOUS</b>				\$ 12,000.00	
<b>SPECIAL ITEMS</b>					
RETAINING WALL	SF		\$ 50.00	\$ -	
PUMP STATION	EA		\$ 20,000.00	\$ -	
DETENTION POND	AC-FT		\$ 50,000.00	\$ -	
IN-LINE DETENTION	AC-FT		\$ 300,000.00	\$ -	
LANDSCAPING	STA		\$ 10,000.00	\$ -	
<b>SUBTOTAL SPECIAL ITEMS</b>				\$ -	
TRAFFIC CONTROL PLAN (1%-5% CONST ITEMS)	LS		5%	\$ -	
MOBILIZATION (5%-10% CONST ITEMS)	LS		5%	\$ -	
CONTINGENCY (25% CONST ITEMS)	LS	1	25%	\$ 241,250.00	
<b>CONSTRUCTION COST TOTAL</b>				\$ 1,206,250.00	

**PROGRAM ESTIMATE  
FORT BEND COUNTY MOBILITY BOND 2013**

PROJECT NO: 1-23  
ROAD: Koeblen Rd.  
LIMITS FROM: East of F.M. 2218  
TO:  
LENGTH: FEET = 2000  
MILES = 0.38

DESCRIPTION: Straighten curve: 2-lane asphalt w/ shoulders by  
R&B, 80' ROW purchase

**COST SUMMARY**

ENGINEERING	\$	120,625.00
RIGHT OF WAY	\$	94,000.00
CONST. PHASE SERVICES	\$	72,375.00
CONSTRUCTION	\$	1,206,250.00
<b>TOTAL</b>	<b>\$</b>	<b>1,493,250.00</b>

PREPARED BY: SPI - MCD

Date: 06/13/13

DESCRIPTION	UNIT	QTY	PRICE	AMOUNT	COMMENTS/ ASSUMPTIONS
<b>ENGINEERING</b>					
PREL ENG REPORT (4% CONST COST)	LS	1	4%	\$ 48,250.00	
PS&E DOCUMENTS (6% CONST COST)	LS	1	6%	\$ 72,375.00	
<b>SUBTOTAL ENGINEERING</b>				\$ 120,625.00	
<b>CONSTRUCTION PHASE SERVICES</b>					
CONST PHASE SERVICES (2% CONST)	LS	1	2%	\$ 24,125.00	
LABORATORY TESTING (4% CONST)	LS	1	4%	\$ 48,250.00	
<b>SUBTOTAL CONSTRUCTION PHASE SERVICES</b>				\$ 72,375.00	
<b>RIGHT OF WAY</b>					
UNDEVELOPED (\$2.50 - \$4.00 / SF)	SF	160000	\$ 0.40	\$ 64,000.00	
HARD CORNERS (\$10.00 - \$20.00 / SF)	SF		\$ 10.00	\$ -	
STRUCTURES	EA			\$ -	
MAPPING & ACQUISITION	PARCEL	3	\$ 10,000.00	\$ 30,000.00	
PIPELINE RELOCATION	EA				
<b>SUBTOTAL RIGHT OF WAY</b>				\$ 94,000.00	None
<b>PROJECT COST SUMMARY</b>					
ENGINEERING				\$ 120,625.00	
RIGHT OF WAY				\$ 94,000.00	
CONSTRUCTION PHASE SERVICES				\$ 72,375.00	
CONSTRUCTION				\$ 1,206,250.00	
<b>TOTAL PROJECT COST</b>				\$ 1,493,250.00	Land cost plus acquisition cost materials testing & constr. eng