

**Terrebonne Refinement Plan  
Cost Estimates for Improvement Options**

<b>Project</b>	<b>Cost</b>	<b>Rounded Cost</b>
1 - Couplet South of Central	\$ 6,320,799.21	\$ 6,300,000.00
2 - Couplet North of Central with FlyUnder	\$ 15,079,181.11	\$ 15,100,000.00
3 - R-Cut North Half	\$ 6,699,512.86	\$ 6,700,000.00
4 - Five Lane North of Central with FlyUnder and Roundabout	\$ 20,479,035.73	\$ 20,500,000.00
5 - Five Lane South of Central	\$ 5,368,252.86	\$ 5,400,000.00

Option 1 - Couplet South of Central

Length 4,767

ITEM NO.	BID ITEM DESCRIPTION	QUANTITY	UNIT	Engineer's Estimate (Parametrix)	
				UNIT PRICE	TOTAL
1	MOBILIZATION	1	LS	\$ 1.00	\$ 275,289.47
2	CURB AND GUTTER	9,463	LF	\$ 25.00	\$ 236,575.00
3	FULL DEPTH RECONSTRUCTION - HIGHWAY	11,048	SQYD	\$ 95.00	\$ 1,049,581.11
4	FULL DEPTH RECONSTRUCTION - LOCAL STREET	5,011	SQYD	\$ 60.00	\$ 300,633.33
5	OVERLAY	10,590	SQYD	\$ 9.00	\$ 95,310.00
6	SIDEWALK	58,851	SQFT	\$ 8.50	\$ 500,233.50
7	LANDSCAPING	10,402	SQYD	\$ 27.00	\$ 280,842.00
8	STORM SWALE	2,170	SQYD	\$ 20.00	\$ 43,402.22
9	TRAFFIC CONTROL (5%)	1	LS	\$ 1.00	\$ 123,158.75
10	SURVEYING (5%)	1	LS	\$ 1.00	\$ 123,158.75
	<b>ROADWAY CONSTRUCTION SUBTOTAL</b>				<b>\$ 3,028,184.13</b>
	CONTINGENCY (30%)				\$ 908,455.24
	PRELIMINARY ENGINEERING (10%)				\$ 393,663.94
	ROADWAY CONSTRUCTION ENGINEERING (15%)				\$ 590,495.90
	<b>ROADWAY CONSTRUCTION &amp; CONSTRUCTION ENGINEERING TOTAL</b>				<b>\$ 4,920,799.21</b>
	<b>RIGHT-OF-WAY ACQUISITION</b>	1	LS	\$ 1,400,000.00	\$ 1,400,000.00
	<b>GRAND TOTAL</b>				<b>\$ 6,320,799.21</b>

Option 2 - Couplet North of Central with FlyUnder

Length 785

ITEM NO.	BID ITEM DESCRIPTION	QUANTITY	UNIT	Engineer's Estimate (Parametrix)	
				UNIT PRICE	TOTAL
1	MOBILIZATION	1	LS	\$ 1.00	\$ 726,108.03
2	EARTHWORK	34,014	CUYD	\$ 25.00	\$ 850,343.75
3	BRIDGE STRUCTURE	1	LS	\$ 1,750,000.00	\$ 1,750,000.00
4	CURB AND GUTTER	9,801	LF	\$ 25.00	\$ 245,025.00
5	FULL DEPTH RECONSTRUCTION - HIGHWAY	18,749	SQYD	\$ 95.00	\$ 1,781,133.89
6	FULL DEPTH RECONSTRUCTION - LOCAL STREET	7,289	SQYD	\$ 60.00	\$ 437,353.33
7	OVERLAY	13,222	SQYD	\$ 9.00	\$ 118,999.00
8	SIDEWALK	123,401	SQFT	\$ 8.50	\$ 1,048,908.50
9	GUARDRAIL	1,719	LF	\$ 30.00	\$ 51,570.00
10	LANDSCAPING	9,181	SQYD	\$ 27.00	\$ 247,896.00
11	STORM SWALE	2,739	SQYD	\$ 20.00	\$ 54,784.44
12	TRAFFIC CONTROL (5%)	1	LS	\$ 1.00	\$ 329,300.70
13	SURVEYING (5%)	1	LS	\$ 1.00	\$ 345,765.73
	<b>ROADWAY CONSTRUCTION SUBTOTAL</b>				<b>\$ 7,987,188.38</b>
	<b>CONTINGENCY (30%)</b>				<b>\$ 2,396,156.51</b>
	<b>PRELIMINARY ENGINEERING (10%)</b>				<b>\$ 1,038,334.49</b>
	<b>ROADWAY CONSTRUCTION ENGINEERING (15%)</b>				<b>\$ 1,557,501.73</b>
	<b>ROADWAY CONSTRUCTION &amp; CONSTRUCTION ENGINEERING TOTAL</b>				<b>\$ 12,979,181.11</b>
	<b>RIGHT-OF-WAY ACQUISITION</b>	1	LS	\$ 2,100,000.00	\$ 2,100,000.00
	<b>GRAND TOTAL</b>				<b>\$ 15,079,181.11</b>

Option 3 - R-Cut North Half

Length

ITEM NO.	BID ITEM DESCRIPTION	QUANTITY	UNIT	Engineer's Estimate (Parametrix)	
				UNIT PRICE	TOTAL
1	MOBILIZATION	1	LS	\$ 1.00	\$ 356,792.23
2	CURB AND GUTTER	6,949	LF	\$ 25.00	\$ 173,725.00
3	FULL DEPTH RECONSTRUCTION - HIGHWAY	18,533	SQYD	\$ 95.00	\$ 1,760,666.67
4	FULL DEPTH RECONSTRUCTION - LOCAL STREET	3,174	SQYD	\$ 60.00	\$ 190,426.67
5	OVERLAY	20,267	SQYD	\$ 9.00	\$ 182,403.20
6	SIDEWALK	70,595	SQFT	\$ 8.50	\$ 600,057.50
7	LANDSCAPING	9,944	SQYD	\$ 27.00	\$ 268,485.00
8	STORM SWALE	3,022	SQYD	\$ 20.00	\$ 60,446.67
9	TRAFFIC CONTROL (5%)	1	LS	\$ 1.00	\$ 161,810.54
10	SURVEYING (5%)	1	LS	\$ 1.00	\$ 169,901.06
	<b>ROADWAY CONSTRUCTION SUBTOTAL</b>				<b>\$ 3,924,714.53</b>
	CONTINGENCY (30%)				\$ 1,177,414.36
	PRELIMINARY ENGINEERING (10%)				\$ 510,212.89
	ROADWAY CONSTRUCTION ENGINEERING (15%)				\$ 765,319.33
	<b>ROADWAY CONSTRUCTION &amp; CONSTRUCTION ENGINEERING TOTAL</b>				<b>\$ 6,377,661.11</b>
	<b>RIGHT-OF-WAY ACQUISITION</b>	1	LS	\$ 321,851.75	\$ 321,851.75
	<b>GRAND TOTAL</b>				<b>\$ 6,699,512.86</b>

Option 4 - Five Lane North of Central with FlyUnder and Roundabout Length 1530

ITEM NO.	BID ITEM DESCRIPTION	QUANTITY	UNIT	Engineer's Estimate (Parametrix)	
				UNIT PRICE	TOTAL
1	MOBILIZATION	1	LS	\$ 1.00	\$ 961,064.94
2	EARTHWORK	37,411	CUYD	\$ 25.00	\$ 935,270.83
3	BRIDGE STRUCTURE	1	LS	\$ 2,500,000.00	\$ 2,500,000.00
4	ROUNDBOUT	1	LS	\$ 1,500,000.00	\$ 1,500,000.00
5	CURB AND GUTTER	7,117	LF	\$ 25.00	\$ 177,925.00
6	FULL DEPTH RECONSTRUCTION - HIGHWAY	18,177	SQYD	\$ 95.00	\$ 1,726,815.00
7	FULL DEPTH RECONSTRUCTION - LOCAL STREET	11,473	SQYD	\$ 60.00	\$ 688,400.00
8	OVERLAY	20,100	SQYD	\$ 9.00	\$ 180,900.00
9	GUARDRAIL	1,155	LF	\$ 30.00	\$ 34,650.00
10	SIDEWALK	83,770	SQFT	\$ 8.50	\$ 712,045.00
11	LANDSCAPING	7,643	SQYD	\$ 27.00	\$ 206,352.00
12	STORM SWALE	2,739	SQYD	\$ 20.00	\$ 54,784.44
13	TRAFFIC CONTROL (5%)	1	LS	\$ 1.00	\$ 435,857.11
14	SURVEYING (5%)	1	LS	\$ 1.00	\$ 457,649.97
	<b>ROADWAY CONSTRUCTION SUBTOTAL</b>				<b>\$ 10,571,714.30</b>
	<b>CONTINGENCY (30%)</b>				<b>\$ 3,171,514.29</b>
	<b>PRELIMINARY ENGINEERING (10%)</b>				<b>\$ 1,374,322.86</b>
	<b>ROADWAY CONSTRUCTION ENGINEERING (15%)</b>				<b>\$ 2,061,484.29</b>
	<b>ROADWAY CONSTRUCTION &amp; CONSTRUCTION ENGINEERING TOTAL</b>				<b>\$ 17,179,035.73</b>
	<b>RIGHT-OF-WAY ACQUISITION</b>	1	LS	\$ 3,300,000.00	\$ 3,300,000.00
	<b>GRAND TOTAL</b>				<b>\$ 20,479,035.73</b>

Option 5 - Five Lane South of Central

Length

2440

ITEM NO.	BID ITEM DESCRIPTION	QUANTITY	UNIT	Engineer's Estimate (Parametrix)	
				UNIT PRICE	TOTAL
1	MOBILIZATION	1	LS	\$ 1.00	\$ 233,188.97
2	CURB AND GUTTER	10,072	LF	\$ 25.00	\$ 251,800.00
3	FULL DEPTH RECONSTRUCTION - HIGHWAY	6,149	SQYD	\$ 95.00	\$ 584,186.67
4	FULL DEPTH RECONSTRUCTION - LOCAL STREET	5,963	SQYD	\$ 60.00	\$ 357,780.00
5	OVERLAY	13,836	SQYD	\$ 9.00	\$ 124,524.00
6	SIDEWALK	48,216	SQFT	\$ 8.50	\$ 409,836.00
7	LANDSCAPING	4,485	SQYD	\$ 27.00	\$ 121,107.00
8	STORM SWALE	783	SQYD	\$ 20.00	\$ 15,666.67
9	TRAFFIC SIGNAL	1	LS	\$ 300,000.00	\$ 300,000.00
10	TRAFFIC CONTROL (3%)	1	LS	\$ 1.00	\$ 55,947.01
11	SURVEYING (5%)	1	LS	\$ 1.00	\$ 111,042.37
	<b>ROADWAY CONSTRUCTION SUBTOTAL</b>				<b>\$ 2,565,078.68</b>
	<b>CONTINGENCY (30%)</b>				<b>\$ 769,523.60</b>
	<b>PRELIMINARY ENGINEERING (10%)</b>				<b>\$ 333,460.23</b>
	<b>ROADWAY CONSTRUCTION ENGINEERING (15%)</b>				<b>\$ 500,190.34</b>
	<b>ROADWAY CONSTRUCTION &amp; CONSTRUCTION ENGINEERING TOTAL</b>				<b>\$ 4,168,252.86</b>
	<b>RIGHT-OF-WAY ACQUISITION</b>	1	LS	\$ 1,200,000.00	\$ 1,200,000.00
	<b>GRAND TOTAL</b>				<b>\$ 5,368,252.86</b>