

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

Project	Cost	Rounded Cost
1 - Couplet South of Central	\$ 6,890,183.45	\$ 6,900,000.00
2 - Couplet North of Central with FlyUnder	\$ 15,569,938.90	\$ 15,600,000.00
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

				Engineer's Estimate (Parametrix)	
ITEM NO.	BID ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	MOBILIZATION	1	LS	\$ 1.00	\$ 312,737.54
2	CURB AND GUTTER	8,570	LF	\$ 25.00	\$ 214,250.00
3	FULL DEPTH RECONSTRUCTION - HIGHWAY	12,559	SQYD	\$ 95.00	\$ 1,193,073.33
4	FULL DEPTH RECONSTRUCTION - LOCAL STREET	5,209	SQYD	\$ 60.00	\$ 312,553.33
5	OVERLAY	17,551	SQYD	\$ 9.00	\$ 157,961.00
6	SIDEWALK	49,204	SQFT	\$ 8.50	\$ 418,234.00
7	CYCLE TRACK	1,204	SQFT	\$ 8.50	\$ 10,234.00
8	LANDSCAPING	17,266	SQYD	\$ 27.00	\$ 466,179.00
9	STORM SWALE	3,882	SQYD	\$ 20.00	\$ 77,642.22
10	TRAFFIC CONTROL (5%)	1	LS	\$ 1.00	\$ 138,624.23
11	SURVEYING (5%)	1	LS	\$ 1.00	\$ 138,624.23
	ROADWAY CONSTRUCTION SUBTOTAL				\$ 3,440,112.89
	CONTINGENCY (30%)				\$ 1,032,033.87
	PRELIMINARY ENGINEERING (10%)				\$ 447,214.68
	ROADWAY CONSTRUCTION ENGINEERING (15%)				\$ 670,822.01
	ROADWAY CONSTRUCTION & CONSTRUCTION ENGINEERING TOTAL				\$ 5,590,183.45
	RIGHT-OF-WAY ACQUISITION	1	LS	\$ 1,300,000.00	\$ 1,300,000.00
	GRAND TOTAL				\$ 6,890,183.45

2 - Couplet North of Central with FlyUnder

Length

785

BID ITEM DESCRIPTION	QUANTITY	UNIT	Engineer's Estimate (Parametrix)	
			UNIT PRICE	TOTAL
MOBILIZATION	1	LS	\$ 1.00	\$ 759,157.42
EARTHWORK	38,908	CUYD	\$ 25.00	\$ 972,690.97
BRIDGE STRUCTURE *	1	LS	\$ 2,250,000.00	\$ 2,250,000.00
CURB AND GUTTER	8,595	LF	\$ 25.00	\$ 214,875.00
FULL DEPTH RECONSTRUCTION - HIGHWAY	19,567	SQYD	\$ 95.00	\$ 1,858,886.11
FULL DEPTH RECONSTRUCTION - LOCAL STREET	9,126	SQYD	\$ 60.00	\$ 547,586.67
OVERLAY	12,097	SQYD	\$ 9.00	\$ 108,869.00
SIDEWALK	68,104	SQFT	\$ 8.50	\$ 578,887.40
GUARDRAIL	1,719	LF	\$ 30.00	\$ 51,570.00
LANDSCAPING	9,172	SQYD	\$ 27.00	\$ 247,632.00
STORM SWALE	2,739	SQYD	\$ 20.00	\$ 54,784.44
TRAFFIC CONTROL (5%)	1	LS	\$ 1.00	\$ 344,289.08
SURVEYING (5%)	1	LS	\$ 1.00	\$ 361,503.53
ROADWAY CONSTRUCTION SUBTOTAL				\$ 8,350,731.63
CONTINGENCY (30%)				\$ 2,505,219.49
PRELIMINARY ENGINEERING (10%)				\$ 1,085,595.11
ROADWAY CONSTRUCTION ENGINEERING (15%)				\$ 1,628,392.67
ROADWAY CONSTRUCTION & CONSTRUCTION ENGINEERING TOTAL				\$ 13,569,938.90
RIGHT-OF-WAY ACQUISITION	1	LS	\$ 2,000,000.00	\$ 2,000,000.00
GRAND TOTAL				\$ 15,569,938.90

* Note: Bridge structure assumptions; 150' Span by 55' width. \$195/ SF plus MSE walls

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
	ROADWAY CONSTRUCTION SUBTOTAL				\$ 3,924,714.53
	CONTINGENCY (30%)				\$ 1,177,414.36
	PRELIMINARY ENGINEERING (10%)				\$ 510,212.89
	ROADWAY CONSTRUCTION ENGINEERING (15%)				\$ 765,319.33
	ROADWAY CONSTRUCTION & CONSTRUCTION ENGINEERING TOTAL				\$ 6,377,661.11
	RIGHT-OF-WAY ACQUISITION	1	LS	\$ 321,851.75	\$ 321,851.75
	GRAND TOTAL				\$ 6,699,512.86

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
	ROADWAY CONSTRUCTION SUBTOTAL				\$ 10,571,714.30
	CONTINGENCY (30%)				\$ 3,171,514.29
	PRELIMINARY ENGINEERING (10%)				\$ 1,374,322.86
	ROADWAY CONSTRUCTION ENGINEERING (15%)				\$ 2,061,484.29
	ROADWAY CONSTRUCTION & CONSTRUCTION ENGINEERING TOTAL				\$ 17,179,035.73
	RIGHT-OF-WAY ACQUISITION	1	LS	\$ 3,300,000.00	\$ 3,300,000.00
	GRAND TOTAL				\$ 20,479,035.73

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
	ROADWAY CONSTRUCTION SUBTOTAL				\$ 2,565,078.68
	CONTINGENCY (30%)				\$ 769,523.60
	PRELIMINARY ENGINEERING (10%)				\$ 333,460.23
	ROADWAY CONSTRUCTION ENGINEERING (15%)				\$ 500,190.34
	ROADWAY CONSTRUCTION & CONSTRUCTION ENGINEERING TOTAL				\$ 4,168,252.86
	RIGHT-OF-WAY ACQUISITION	1	LS	\$ 1,200,000.00	\$ 1,200,000.00
	GRAND TOTAL				\$ 5,368,252.86