

COST ESTIMATE

Based on the short-term and long-term improvements recommended for the BI 20 corridor, a conservative cost estimate was developed. The cost estimate includes all of the short-term and long-term improvements identified in Tables 10 to 21 (and shown graphically in Appendix B).

Table 24. Cost Estimate for BI 20 Recommended Short-Term Improvements

Improvement	Quantity	SF/Each	Total SF	Total SY	Cost Per SY/Each	Total Cost
Remove FR-ML Crossover	10	10,000	100,000	11,111.11	\$10	\$111,111
Remove ML-ML Crossover	12	5,000	60,000	6,666.67	\$10	\$66,667
Construct FR-ML Crossover(includes decel lane)	13	20,000	260,000	28,888.89	\$40	\$1,155,556
Construct MR-ML Crossover(includes decel lane)	9	15,000	135,000	15,000	\$40	\$600,000
Install Stop Signs	69				\$500	\$34,500
Remove Signals	6				\$10,000	\$60,000
Pavement Removal at Marco	1	4,511	4,511	501.22	\$10	\$5,012
Pavement/Crossover Construction at Marco	1	6,405	6,405	711.67	\$40	\$28,467
Changes to Loop 338	1	55,000	55,000	6,111.11	\$10	\$61,611
Changes to Loop 250	1	80,000	80,000	8,888.89	\$10	\$89,389
Median Construction (at typical signal)	6				\$14,000	\$84,000
Install Signal at Coors (half improvement cost of Midland Dr.)	1				\$50,000	\$50,000
Pavement Removal at Bankhead	1	45,000	45,000	5,000	\$10	\$50,000
Pavement/Crossover Construction at Bankhead	1	25,000	25,000	2,777.78	\$40	\$111,111
Pavement Marking	20,000 ft				\$5 / ft	\$100,000

Construction Cost	\$2,607,423
Design (+10%)	\$260,742
Construction + Design Cost	<u>\$2,868,166</u>
Contingency (20%)	\$573,633

TOTAL ESTIMATED COST - SHORT-TERM IMPROVEMENTS	\$3,441,799
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Table 25. Cost Estimate for BI 20 Recommended Long-Term Improvements

Improvement	Quantity	SF/Each	Total SF	Total SY	Cost Per SY/Each	Total Cost
Construct cul-de-sac	8	3,000	24,000	2,666.67	\$40	\$106,667
Remove FR	1	530,000	530,000	58,888.89	\$10	\$588,889
Install Signals (Midland Drive)	1				\$100,000	\$100,000
Construct Pavement/Drainage at Midland Drive	1				\$500,000	\$500,000
Construction Cost						\$1,295,556
Design (+10%)						\$129,556
Construction + Design Cost						\$1,425,111
Contingency (20%)						\$285,022
TOTAL ESTIMATED COST - LONG-TERM IMPROVEMENTS						\$1,710,133
TOTAL ESTIMATED COST - ENTIRE PROJECT (SHORT-TERM + LONG-TERM IMPROVEMENTS)						\$5,151,932