

Appendix E

Conceptual Estimate of Project Cost for North College Reconstruction

North College BRT

Conceptual Estimate of Project Costs

BAT Lane and Shared Use Path Construction

remove on-street bike lanes; shift curb and median for BAT lane; construct shared use paths



Item	Pay Unit	Unit Cost	Quantity	Total Cost
1 Clearing & Grubbing	LS	\$25,000	1	\$25,000
2 Removal of Curb & Gutter	LF	\$10	3,400	\$34,000
3 Removal of Asphalt Mat	SY	\$8	65,860	\$526,880
4 Removal of Sidewalk	SY	\$17	12,825	\$218,025
5 Excavation	CY	\$35	8,600	\$301,000
6 Aggregate Base Course (Class 6)	Ton	\$40	11,420	\$456,800
7 HMA (Grading S) (75)(PG-28)	Ton	\$90	21,725	\$1,955,250
8 HMA (Grading SX) (75)(PG-28)	Ton	\$100	7,250	\$725,000
9 Concrete Sidewalk	SY	\$60	19,725	\$1,183,500
10 Curb & Gutter	LF	\$30	7,170	\$215,100
11 BRT Bus Stop	EA	\$175,300	15	\$2,629,500
	Concrete Platform & Bus Pad	\$22,500		
	Shelter	\$50,000		
	VMS Board, Ticket Kiosk, Security Camera	\$95,000		
	Bike Rack, Bench, Trash Can	\$3,800		
	Landscaping	\$4,000		
12 ROW	SF	\$50	88,020	\$4,401,000
Construction Item Cost (ROW Excluded)				\$8,270,000
Contingencies			30%	\$2,481,000
Utilities			10%	\$827,000
Drainage			10%	\$827,000
Signing & Striping			2%	\$165,000
Construction Signing & Traffic Control			10%	\$827,000
Mobilization			10%	\$827,000
Construction Cost				\$14,224,000
Design			12%	\$1,707,000
Construction			10%	\$1,422,000
Total Project Cost				\$21,754,000

Opinion of Probable Construction Costs

In providing opinions of probable construction cost, the Client understands that Felsburg Holt & Ullevig has no control over costs or the price of labor, equipment or materials, or over the Contractor's method of pricing, and that the opinions of probable construction costs provided herein are to be made on the basis of our qualifications and experience. FHU makes no warranty, expressed or implied, as to the accuracy of such opinions as compared to bid or actual costs.