

ENGINEER'S ESTIMATE

PROJECT: **Red Bud Trail Restriping**
 CLIENT: **City of Buchanan**
 DATE: **June 9, 2021**

The project would restripe Red Bud Trail from Richards Street to 3rd Street and includes one 8-foot parking lane, two 7-foot bike lanes, and two 11-foot driving lanes for a total width of 44 feet curb face to curb face from 3rd Street to Fulton Street; one 8-foot parking lane, two 5-foot bike lanes and two 11-foot driving lanes for a total width of 40 feet curb face to curb face from Fulton Street to Artic Street; two 5-foot bike lanes and two 11-foot driving lanes for a total width of 32 feet curb face to curb face from Artic Street to Richards Street. Also included in this estimate are pavement markings, traffic control and miscellaneous signage. Utility work (sewer, water, electric) is not included with the scope of this estimate.

1	L.S. Mobilization	@	1,500.00	1,500.00
1	L.S. Traffic Maintenance and Control	@	7,500.00	7,500.00
7,500	LFT Pavt Mrkg, Longit, 6 inch or less Width, Rem	@	0.56	4,200.00
850	LFT Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	@	0.80	680.00
8,000	LFT Pavement Marking, Waterborne, 4" Yellow	@	0.50	4,000.00
14,000	LFT Pavement Marking, Waterborne, 4" White	@	0.50	7,000.00
40	LFT Pavement Marking, Ovly Cold Plastic, 24", Stop Bar	@	9.75	390.00
900	LFT Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	@	2.30	2,070.00
14	EA Pavt Mrkg, Ovly Cold Plastic, Bike, Large Sym	@	125.00	1,750.00
2	EA Pavt Mrkg, Ovly Cold Plastic, Sharrow, Sym	@	145.00	290.00
2	EA Sign, Type IIIB	@	250.00	500.00
30	FT Post, 3 lb	@	20.00	600.00
1	LS Restoration	@	1,000.00	1,000.00
SUBTOTAL ESTIMATED CONSTRUCTION COST				\$ 31,480.00
<i>Construction Contingency</i>				20% 7,020.00
<i>Design Engineering</i>				7,500.00
TOTAL ESTIMATED PROJECT COST				\$ 46,000.00

bike lanes green, below are the costs for paint and thermoplastic

40,000	SFT Pavt Mrkg, Bike Lane, Green (Paint)	@	1.60	64,000.00
40,000	SFT Pavt Mrkg, Bike Lane, Green (Thermoplastic)	@	14.00	560,000.00

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parking bike	south	north	bike	total
8	7	11	11	44
8	5	11	11	40
	5	11	11	32
	5	11	11	32

	3rd River	River Fulton	Fulton Artic	Artic Elizabeth	Elizabeth Bluff	Bluff Richards	
Length	576	1380	282	284	291	318	
Width	44	44	40	39	39	34	
Crswlk	2	1	2	2	1	0	
Stop Bar	0	1	1	0	0	0	
Crswlk L	50	50	50	50	50		
Stop Bar L		18	16				
4" White	2304	5520	1128	1136	1164	1272	12524
4" Yellow	1152	2760	564	568	582	636	6262
Bike Lane	8064	19320	2820	2840	2910	3180	39134
Bike	3	4	2	2	2	1	14
Sharrow	1					1	2
Crsswlk	200	100	200	200	100	0	800
Stop Bar	0	18	16	0	0	0	34
Perp 4" Pkg	264	621.33	133.33	134.22	137.33	149.33	1439.6
Rem 4"	1474.8	3324	648.6	653.2	669.3	636	7405.9