

## US 34: 47th and 35th Interchanges

Greeley, CO

3/1/2024

Item	Unit	Total Qty	Unit Price	Total Cost
<b>MAJOR ROADWAY ITEMS (NOTES 1-2)</b>				
REMOVE PAVEMENT	SY	168,600	\$ 9.00	\$ 1,517,400
REMOVE CONCRETE MEDIAN/SIDEWALK	SF	139,800	\$ 9.00	\$ 1,258,200
REMOVE CURB AND GUTTER	LF	14,600	\$ 4.00	\$ 58,400
EXCAVATION - COMMON	CY	55,100	\$ 19.00	\$ 1,046,900
COMMON EMBANKMENT (CV)	CY	133,400	\$ 22.00	\$ 2,934,800
AGGREGATE BASE COURSE (CLASS 6)	TONS	116,300	\$ 37.00	\$ 4,303,100
HOT MIX ASPHALT (GRADING S)(75)(PG 58-28)	TONS	114,500	\$ 116.00	\$ 13,282,000
CURB AND GUTTER TYPE 2	LF	18,200	\$ 49.00	\$ 891,800
BARRIER	LF	530	\$ 73.00	\$ 38,700
4" CONCRETE WALK	SY	14,700	\$ 8.00	\$ 117,600
<b>Subtotal</b>				\$ 25,449,000
<b>STRUCTURAL ITEMS</b>				
MSE RETAINING WALL	SF	24,300	\$ 95.00	\$ 2,308,500
BRIDGE	SF	28,900	\$ 244.00	\$ 7,051,600
CIP SECTION	LS	1	\$ 100,000.00	\$ 100,000
CAST IN PLACE HEADWALL	SF	2	\$ 100,000.00	\$ 200,000
<b>Subtotal</b>				\$ 9,660,000
<b>All Roadway Construction Subtotal</b>				<b>\$ 35,109,000</b>
<b>SPECIAL LUMP SUM CONSTRUCTION ITEMS</b>				
REMOVE SIGNAL SYSTEM	LS	2	\$ 10,000.00	\$ 20,000
LARGE DIVIDED ROADWAY SIGNAL SYSTEM	LS	2	\$ 600,000.00	\$ 1,200,000
DDI TRAFFIC SIGNAL SYSTEM	LS	2	\$ 400,000.00	\$ 800,000
CITY UTILITIES (WATERMAIN/SANITARY/ELECTRIC)	LS		\$ -	\$ -
URBAN DRAINAGE	LS	1	\$ 5,090,000.00	\$ 5,090,000
<b>Subtotal</b>				\$ 7,110,000
<b>PERCENTAGE ITEMS</b>				
MOBILIZATION		5%	of all roadway	\$ 2,111,000
MISC REMOVALS (CURB, SIGNS, TREES, ETC.)		2%	of all roadway	\$ 844,400
SIGNING & PAVEMENT MARKINGS		3%	of all roadway	\$ 1,266,600
TURF ESTABLISHMENT AND EROSION CONTROL		5%	of all roadway	\$ 2,111,000
LANDSCAPING/STREETScape		3%	of all roadway	\$ 1,055,500
TRAFFIC CONTROL/STAGING		5%	of all roadway	\$ 2,111,000
CONTINGENCY FOR MISSING ITEMS		15%	of all roadway	\$ 6,332,900
<b>Subtotal</b>				\$ 15,832,000
Construction Cost (2027 Dollars)				\$ 58,100,000
Anticipated Right-of-Way Cost (2027 Dollars)				\$ 4,700,000
Engineering Cost (2027 Dollars)				\$ 11,600,000
<b>Total Cost (2027 Dollars)</b>				<b>\$ 74,400,000</b>

## Notes:

- Highway pavement section assumed is 10 inch bituminous pavement, 12 inch aggregate base, and 0 inch sand.
- Local road pavement section assumed is 4 inch bituminous pavement, 6 inch aggregate base, and 0 inch sand.
- Storm sewer cost is 20% of roadway construction cost