

Mobility Hub

Greeley, CO

8/20/2023

Item	Unit	Total Qty	Unit Price	Total Cost
MAJOR ROADWAY ITEMS (NOTES 1-3)				
REMOVE PAVEMENT	SY	11,300	\$ 7.00	\$ 79,100
REMOVE CONCRETE MEDIAN/SIDEWALK	SF		\$ 5.00	\$ -
REMOVE CURB AND GUTTER	LF		\$ 5.00	\$ -
EXCAVATION - COMMON	CY	110,500	\$ 12.00	\$ 1,326,000
MATERIAL EMBANKMENT (CV)	CY	284,400	\$ 14.00	\$ 3,981,600
AGGREGATE BASE COURSE (CLASS 6)	TONS	11,500	\$ 34.00	\$ 391,000
CONCRETE PAVEMENT 12"	SY	22,500	\$ 107.00	\$ 2,407,500
HOT MIX ASPHALT (GRADING S) (75) (PG 58-28)	TONS	300	\$ 107.00	\$ 32,100
CURB AND GUTTER TYPE 2	LF	5,500	\$ 45.00	\$ 247,500
BARRIER	LF		\$ 68.00	\$ -
GUARDRAIL - ALL TYPES	LF		\$ 51.00	\$ -
4" CONCRETE WALK	SY	1,100	\$ 57.00	\$ 62,700
MEDIAN COVER MATERIAL	SF	71,200	\$ 17.00	\$ 1,210,400
Subtotal				\$ 9,738,000
STRUCTURAL ITEMS				
MSE RETAINING WALL	SF	18,500	\$ 102.00	\$ 1,887,000
35TH BRIDGE & WALLS	LS		\$ 11,300,000.00	\$ -
47TH BRIDGE & WALLS	LS		\$ 5,700,000.00	\$ -
ARCH TUNNEL	LF	190	\$ 4,000.00	\$ 760,000
CIP SECTION	LS	1	\$ 113,000.00	\$ 113,000
CAST IN PLACE HEADWALLS	EACH	2	\$ 113,000.00	\$ 226,000
				\$ 2,986,000
All Roadway Construction Subtotal				\$ 12,724,000
SPECIAL LUMP SUM CONSTRUCTION ITEMS				
REMOVE SIGNAL SYSTEM	LS		\$ 50,000.00	\$ -
TEMPORARY SIGNAL SYSTEM	LS		\$ 30,000.00	\$ -
35TH AND 25TH TRAFFIC SIGNAL SYSTEM	EA		\$ 450,000.00	\$ -
47TH AND 25TH TRAFFIC SIGNAL SYSTEM	EA		\$ 450,000.00	\$ -
35TH INTERCHANGE SIGNAL SYSTEM	EA		\$ 450,000.00	\$ -
47TH INTERCHANGE SIGNAL SYSTEM	EA		\$ 300,000.00	\$ -
HUB TRAFFIC SIGNAL SYSTEM	LS	1	\$ 150,000.00	\$ 150,000
(4) ELEVATOR & STAIRWELL	LS	1	\$ 1,800,000.00	\$ 1,800,000
(5) CITY UTILITIES (WATERMAIN/SANITARY/ELECTRIC)	LS	1	\$ 400,000.00	\$ 400,000
35TH INTERCHANGE LIGHTING	LS		\$ 1,000,000.00	\$ -
47TH INTERCHANGE LIGHTING	LS		\$ 500,000.00	\$ -
(6) MOBILITY HUB LIGHTING	LS	1	\$ 352,000.00	\$ 352,000
35TH DRAINAGE	LS		\$ 3,100,000.00	\$ -
47TH DRAINAGE	LS		\$ 2,657,000.00	\$ -
HWY 34 DRAINAGE	LS		\$ 1,149,000.00	\$ -
(7) MOBILITY HUB DRAINAGE	LS	1	\$ 777,000.00	\$ 777,000
MOBILITY HUB SHELTERS	EA	1	\$ 15,000.00	\$ 15,000
MOBILITY HUB STATION BUILDING	SF	1,200	\$ 250.00	\$ 300,000
REGIONAL TRANSIT STATION BUILDING WITH CANOPY	SF	1,500	\$ 450.00	\$ 675,000
MOBILITY HUB SITE AMENITIES (BIKE PARKING, BENCHES, ETC.)	LS	1	\$ 200,000.00	\$ 200,000
35TH UTILITY ITEMS - FIBER OPTIC, WATERMAIN, ETC.	LS		\$ 2,325,000.00	\$ -
UTILITY LINE BURIAL - 35TH AVE	LS		\$ 250,000.00	\$ -
UTILITY LINE BURIAL - 47TH AVE	LS		\$ 250,000.00	\$ -
Subtotal				\$ 4,669,000
PERCENTAGE ITEMS				
MOBILIZATION		5%	of all roadway	\$ 869,700
MISC REMOVALS (CURB, SIGNS, TREES, ETC.)		2%	of all roadway	\$ 347,900
SIGNING & PAVEMENT MARKINGS		3%	of all roadway	\$ 521,800
TURF ESTABLISHMENT AND EROSION CONTROL		4%	of all roadway	\$ 695,800
TRAFFIC CONTROL/STAGING		5%	of all roadway	\$ 869,700
CONTINGENCY FOR MISSING ITEMS		15%	of all roadway	\$ 2,609,000
Subtotal				\$ 5,914,000
Construction Cost (2026 Dollars)				\$ 23,310,000
Anticipated Right-of-Way Cost (2026 Dollars)				\$ -
Engineering Cost (2026 Dollars)				\$ 3,496,500
Total Cost (2026 Dollars)				\$ 26,806,500

Notes:

- Highway pavement section assumed is 12 inch concrete pavement, 10 inch aggregate base.
- Local road pavement section assumed is 10 inch bituminous pavement, 12 inch aggregate base.
- Local station pavement section assumed is 4 inch asphalt pavement, 6 inch aggregate base.
- Elevator and Stairwell includes all required mechanical and structural components for their construction
- City Utilities includes plumbing, electrical and communications to mobility hub and local bus station. Also includes EV Charging stations.
- Includes parking lot lighting, bus station lighting, and mobility hub lighting.
- Drainage includes rural highway drainage, city street urban drainage, parking lot drainage and reshaping SE pond. Cost is 15% of Roadway Items.
- Inflation rate assumed to be 4%