

GRAND MESA COUNTY
NORTH AVENUE - 28 1/2 RD TO 29 1/2 RD MULTI-USE PATH
FIR-LEVEL ENGINEERS OPINION OF PROBABLE CONSTRUCTION COST
 PREPARED BY
 MULLER ENGINEERING COMPANY, INC.
 June 23, 2022

ITEM NUMBER	ITEM	UNIT	ROADWAY	TOTAL QUANTITY	UNIT PRICE	COST
201-00000	Clearing and Grubbing	L S	1	1	\$25,000.00	\$25,000.00
202-00010	Removal of Tree	EACH	3	3	\$400.00	\$1,200.00
202-00019	Removal of Inlet	EACH	2	2	\$1,500.00	\$3,000.00
202-00025	Removal of Ditch Lining	LF	604	604	\$20.00	\$12,080.00
202-00031	Removal of Fire Hydrant	EACH	1	1	\$2,000.00	\$2,000.00
202-00032	Removal of Valve	EACH	1	1	\$300.00	\$300.00
202-00200	Removal of Sidewalk	SY	829	829	\$30.00	\$24,870.00
202-00203	Removal of Curb and Gutter	LF	679	679	\$6.00	\$4,074.00
202-00206	Removal of Concrete Curb Ramp	SY	66	66	\$40.00	\$2,640.00
202-00210	Removal of Concrete Pavement	SY	181	181	\$40.00	\$7,240.00
202-00220	Removal of Asphalt Mat	SY	1,434	1,434	\$10.00	\$14,340.00
202-00700	Removal of Light Standard	EACH	3	3	\$1,000.00	\$3,000.00
202-00705	Removal of Light Standard Foundation	EACH	3	3	\$1,000.00	\$3,000.00
202-01000	Removal of Fence	LF	130	130	\$10.00	\$1,300.00
203-01597	Potholing	HOUR	20	20	\$350.00	\$7,000.00
210-00035	Reset Water Meter	EACH	21	21	\$2,000.00	\$42,000.00
210-00810	Reset Ground Sign	EACH	4	4	\$650.00	\$2,600.00
210-00827	Reset Pull Box	EACH	2	2	\$1,000.00	\$2,000.00
210-008XX	Reset Business Sign (Special)	EACH	8	8	\$12,000.00	\$96,000.00
210-04010	Adjust Maintenance Hole	EACH	2	2	\$1,100.00	\$2,200.00
210-04015	Modify Maintenance Hole	EACH	2	2	\$1,500.00	\$3,000.00
210-04020	Modify Inlet	EACH	1	1	\$2,500.00	\$2,500.00
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	TON	43	43	\$350.00	\$15,050.00
403-34871	Hot Mix Asphalt (Grading SX) (100) (PG 76-28)	TON	24	24	\$350.00	\$8,400.00
412-00600	Concrete Pavement (6 Inch)	SY	58	58	\$150.00	\$8,700.00
412-01100	Concrete Pavement (11 Inch)	SY	242	242	\$200.00	\$48,400.00
603-01125	12 Inch Reinforced Concrete Pipe (Complete In Place)	LF	942	942	\$125.00	\$117,750.00
603-01245	24 Inch Reinforced Concrete Pipe (Complete In Place)	LF	10	10	\$300.00	\$3,000.00
604-00000	Junction Box	EACH	4	4	\$2,000.00	\$8,000.00
604-00305	Inlet Type C (5 Foot)	EACH	2	2	\$5,000.00	\$10,000.00
608-00006	Concrete Sidewalk (6 Inch)	SY	3,176	3,176	\$65.00	\$206,440.00
608-00010	Concrete Curb Ramp	SY	98	98	\$275.00	\$26,950.00
608-10010	Sidewalk Drain	EACH	3	3	\$800.00	\$2,400.00
609-21010	Curb and Gutter Type 2 (Section I-B)	LF	187	187	\$30.00	\$5,610.00
609-21020	Curb and Gutter Type 2 (Section II-B)	LF	180	180	\$50.00	\$9,000.00
620-00001	Field Office (Class 1)	EACH	1	1	\$25,000.00	\$25,000.00
620-00020	Sanitary Facility	EACH	1	1	\$3,500.00	\$3,500.00
625-00000	Construction Surveying	L S	1	1	\$25,000.00	\$25,000.00
626-00000	Mobilization	L S	1	1	\$100,000.00	\$100,000.00
700-70010	F/A Minor Contract Revisions	F A	1	1	\$50,000.00	\$50,000.00
700-70016	F/A Fuel Cost Adjustment	F A	1	1	\$15,000.00	\$15,000.00
700-70100	F/A Relocate Utilities	F A	1	1	\$30,000.00	\$30,000.00
700-70380	F/A Erosion Control	F A	1	1	\$5,000.00	\$5,000.00
SUBTOTAL (A)						\$984,544
	Traffic Control				8%	\$78,763.52
	Erosion Control / Landscaping				5%	\$49,227.20
	Public Involvement				2%	\$19,690.88
	Lighting				\$69 per LF of sidewalk	\$241,500.00
	Subtotal					\$389,181.60
Total Construction Costs						\$1,373,725.60
Contingency						20% \$274,745.12
TOTAL COST						\$1,648,471
TOTAL CONSTRUCTION COST (ROUNDED)						\$1,700,000