



MINTRUN ROAD (Offsite Improvements)
MINTURN NORTH - MINTURN CO
Engineer's Opinion Of Estimated Cost

November 7, 2023

PROJECT NO: 22036.01

Prepared by Boundaries Unlimited Inc.

Final Plat - Civil Engineering Estimate Dated 8-3-2023

Item No.	Description	QTY	Unit	Unit Cost (Typical)	Cost	%
GENERAL						
G1	Mobilization	1	LS	\$85,000	\$85,000	7.4%
G2	Traffic Control - Barricades & Signage + Flagging	1	LS	\$24,000	\$24,000	2.1%
G3	Erosion Control - Silt Fencing	4,380	LF	\$3.50	\$15,330	1.3%
G4	Erosion Control - Silt Logs	110	EA	\$34.00	\$3,740	0.3%
G5	Hydromulch Revegetation	7,300	SY	\$5	\$24,000	2.1%
G6	Pavement Striping	1	LS	\$2,500	\$36,500	3.2%
				Item Subtotal	\$188,570	16.5%
DRAINAGE						
D1	18" ADS-N12 Culvert (4 road crossings)	336	LF	\$120	\$40,320	3.5%
D2	18" Culvert Flared End Section	8	EA	\$200	\$1,600	0.1%
D3	18" Nominal Angular RipRap	100	Ton	\$154.00	\$15,400	1.3%
D4	Borrow Ditch and Shoulder Improvements (Excavation & Compaction)	2,000	CY	\$30.00	\$60,000	5.3%
				Item Subtotal	\$117,320	10.3%
ROAD						
R1	Minturn Road Demo & Subgrade Prep & Compaction	15,000	SY	\$6.00	\$90,000	7.9%
R2	Class 6 ABC 6" Depth Subbase	3,699	Ton	\$42.00	\$155,358	13.6%
R3	Class 6 ABC 2' Wide Shoulder	1,233	Ton	\$43.00	\$53,019	4.6%
R4	4" Asphaltic Pavement	2,596	Ton	\$180.00	\$467,280	40.9%
R5	Minturn Road Interconnection - Each Ends	2	EA	\$10,000	\$20,000	1.8%
R6	RailRoad Crossing Improvements	1	LS	\$25,000	\$25,000	2.2%
R7	Bridge Approach Improvements (Eagle River Crossing)	1	LS	\$25,000	\$25,000	2.2%
				Item Subtotal	\$835,657	73.2%
CONSTRUCTION TOTAL					\$1,141,547	100.0%
OTHER SERVICES & COSTS						
O1	Drainage Study	1	LS	\$25,000	\$25,000	2.2%
O2	Civil Engineering	1	LS	\$25,000	\$25,000	2.2%
O3	Construction Surveying & Staking	1	LS	\$15,000	\$15,000	1.3%
O4	Geotech Testing (compaction)	1	2.0%	\$15,000	\$15,000	1.3%
O5	Construction Observation	1	LS	\$20,000	\$20,000	1.8%
O6	BOND		1.5%		\$17,123	1.5%
O7	Contingency (10%)		10.0%		\$114,155	10.0%
O8	3 Year Inflation adjustment (8%/YR)		24.0%		\$273,971	24.0%
				Item Subtotal	\$231,278	20.3%
TOTAL COSTS					\$1,372,825	

Note: Any opinions of price, probable project costs or construction costs prepared by Boundaries Unlimited Inc. represent its best judgement and are furnished for general guidance. Boundaries Unlimited Inc. makes no warranty of guarantee, either expressed or implied as to the accuracy of such opinions as compared to bid or actual costs.