

MOUNTAIN DIVISION FEASIBILITY STUDY

Conceptual Cost Estimate

DRAFT

Feb-22

Summary

No.	Potential Use	Total Cost
Rail Use		
1A	Rail (Class 1)	\$ 52,400,000
1B	Rail (Class 2)	\$ 60,100,000
Trail Use		
2A	Trail (Paved)	\$ 19,800,000
2B	Trail (Stone Dust)	\$ 16,600,000
Rail with Trail Use		
3A	Rail (Class 1) with Trail (Paved)	\$ 140,600,000
3B	Rail (Class 1) with Trail (Stone Dust)	\$ 137,300,000
3C	Rail (Class 2) with Trail (Paved)	\$ 148,300,000
3D	Rail (Class 2) with Trail (Stone Dust)	\$ 145,000,000



Least Expensive Option: 2B

Most Expensive Option: 3C

HNTB

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2A. Trail Use - Paved		
Item No.	DESCRIPTION	TOTAL
1	Pave Jeep Trail	\$180,000
2	Common Excavation	\$2,145,207
3	Trail Base (Gravel)	\$2,798,097
4	Trail Surface (Paved)	\$4,041,695
5	Minor Roadway Crossings	\$230,000
6	Major Roadway Crossings	\$1,200,000
7	Bridge Modifications	\$1,428,000
8	Cost to Remove and Salvage Track	\$1,800,000
Construction Subtotal:		\$13,822,999
Contingency (30%):		\$4,146,900
Construction Total:		\$17,969,899
Design Engineering (6%):		\$1,078,194
Construction Mgmt. and Engineering (4%):		\$718,796
Subtotal:		\$19,766,889
Round Up		
TOTAL:		\$19,800,000

2B. Trail Use - Stone Dust		
Item No.	DESCRIPTION	TOTAL
1	Pave Jeep Trail	\$180,000
2	Common Excavation	\$2,145,207
3	Trail Base (Gravel)	\$2,798,097
4	Trail Surface (Stone Dust)	\$1,787,673
5	Minor Roadway Crossings	\$230,000
6	Major Roadway Crossings	\$1,200,000
7	Bridge Modifications	\$1,428,000
8	Cost to Remove and Salvage Track	\$1,800,000
Construction Subtotal:		\$11,568,977
Contingency (30%):		\$3,470,693
Construction Total:		\$15,039,670
Design Engineering (6%):		\$902,380
Construction Mgmt. and Engineering (4%):		\$601,587
Subtotal:		\$16,543,637
Round Up		
TOTAL:		\$16,600,000

HNTB

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3A/3C. Rail with Trail Use - Paved		
Item No.	DESCRIPTION	TOTAL
1	Trail Constrained (15%)	\$23,410,741
2	Trail Unconstrained (85%)	\$28,012,056
3	Pave Jeep Trail	\$180,000
4	Trail Surface (Paved 2")	\$4,041,695
5	Minor Roadway Crossings	\$230,000
6	Major Roadway Crossings	\$1,200,000
7	Bridge Modifications	\$4,545,000
Construction Subtotal:		\$61,619,492
Contingency (30%):		\$18,485,848
Construction Total:		\$80,105,340
Design Engineering (6%):		\$4,806,320
Construction Mgmt. and Engineering (4%):		\$3,204,214
Subtotal:		\$88,115,874
Round Up		
TOTAL:		\$88,200,000

3B/3D. Rail with Trail Use - Stone Dust		
Item No.	DESCRIPTION	TOTAL
1	Trail Constrained (15%)	\$23,410,741
2	Trail Unconstrained (85%)	\$28,012,056
3	Pave Jeep Trail	\$180,000
4	Trail Surface (Stone Dust 4")	\$1,787,673
5	Minor Roadway Crossings	\$230,000
6	Major Roadway Crossings	\$1,200,000
7	Bridge Modifications	\$4,545,000
Construction Subtotal:		\$59,365,470
Contingency (30%):		\$17,809,641
Construction Total:		\$77,175,111
Design Engineering (6%):		\$4,630,507
Construction Mgmt. and Engineering (4%):		\$3,087,004
Subtotal:		\$84,892,622
Round Up		
TOTAL:		\$84,900,000