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	

HNTB

Least Expensive Option: 2B

Most Expensive Option: 3C

Page A-1 Summary

HNTBMOUNTAIN DIVISION FEASIBILITY STUDY

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1A.	Rail	Use	(FRA	Class	1)	١
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Item No.	DESCRIPTION	TOTAL
1	Track Rehabilitation	\$22,208,386
2	Bridge and Culvert Rehabilitation	\$6,680,000
3	Roadway Crossings	\$6,090,000
4	Track Removal and Salvage	\$1,600,000
	Construction Subtotal:	\$36,578,386
	Contingency (30%):	\$10,973,516
	Construction Total:	\$47,551,902
	Design Engineering (6%):	\$2,853,114.11
	Construction Mgmt. and Engineering (4%):	\$1,902,076.07
	Subtotal:	\$52,307,092
	Round Up	
	TOTAL:	\$52,400,000

Page A-2 Rail - Class 1

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1 B .	Rail	Use	(FRA	Class	2)
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Item No.	DESCRIPTION	TOTAL
1	Track Rehabilitation	\$27,147,584
2	Bridge and Culvert Rehabilitation	\$6,680,000
3	Roadway Crossings	\$6,090,000
4	Track Removal and Salvage	\$2,100,000
	Construction Subtotal:	\$42,017,584
	Contingency (30%):	\$12,605,275
	Construction Total:	\$54,622,859
	Design Engineering (6%):	\$3,277,371.56
	Construction Mgmt. and Engineering (4%):	\$2,184,914.37
	Subtotal:	\$60,085,145
	Round Up	
	TOTAL:	\$60,100,000

Page A-3 Rail - Class 2

HNTBMOUNTAIN DIVISION FEASIBILITY STUDY

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Draft February 1, 2022

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	



Conceptual Cost Estimate

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3A/3C. Rail w	vith 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	
	\$4,630,507		
	\$3,087,004		
	\$84,892,622		
	Round Up	· · · · · · · · · · · · · · · · · · ·	
	TOTAL:	\$84,900,000	