

APPENDIX D:
BREAKDOWN OF COST ESTIMATES



MOUNTAIN DIVISION FEASIBILITY STUDY
Conceptual Cost Estimate

Segment 1					
Item No.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
304.10	Aggregate Subbase Course - Gravel	CY	6900	\$ 65.00	\$448,500
403.209	Hot Mix Asphalt 9.5 mm (sidewalks, drives, islands & incidentals)	TONS	2350	\$ 300.00	\$705,000
607.163	Chain Link Fence - 4 Foot PVC Coated	LF	6050	\$ 45.00	\$272,250
615.07	Loam	CY	1450	\$ 60.00	\$87,000
618.14	Seeding Method Number 2	UNIT	230	\$ 45.00	\$10,350
619.12	Mulch	UNIT	230	\$ 45.00	\$10,350
	Cost to Remove and Salvage Track	MILES	3.47	\$ 71,000.00	\$246,370
659.10	Mobilization	LS	1	\$ 177,982.00	\$177,982
Construction Subtotal:					\$1,957,802
Contingency (30%):					\$587,341
Construction Total:					\$2,545,143
Round Up					
TOTAL:					\$2,600,000



MOUNTAIN DIVISION FEASIBILITY STUDY
Conceptual Cost Estimate

Segment 2					
Item No.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
304.10	Aggregate Subbase Course - Gravel	CY	12900	\$ 65.00	\$838,500
403.209	Hot Mix Asphalt 9.5 mm (sidewalks, drives, islands & incidentals)	TONS	4400	\$ 300.00	\$1,320,000
607.163	Chain Link Fence - 4 Foot PVC Coated	LF	12300	\$ 45.00	\$553,500
615.07	Loam	CY	2650	\$ 60.00	\$159,000
618.14	Seeding Method Number 2	UNIT	430	\$ 45.00	\$19,350
619.12	Mulch	UNIT	430	\$ 45.00	\$19,350
	Cost to Remove and Salvage Track	MILES	6.52	\$ 71,000.00	\$462,920
659.10	Mobilization	LS	1	\$ 337,262.00	\$337,262
Construction Subtotal:					\$3,709,882
Contingency (30%):					\$1,112,965
Construction Total:					\$4,822,847
Round Up					
TOTAL:					\$4,900,000



MOUNTAIN DIVISION FEASIBILITY STUDY
Conceptual Cost Estimate

Segment 3					
Item No.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
304.10	Aggregate Subbase Course - Gravel	CY	10200	\$ 65.00	\$663,000
403.209	Hot Mix Asphalt 9.5 mm (sidewalks, drives, islands & incidentals)	TONS	3500	\$ 300.00	\$1,050,000
607.163	Chain Link Fence - 4 Foot PVC Coated	LF	9000	\$ 45.00	\$405,000
615.07	Loam	CY	2100	\$ 60.00	\$126,000
618.14	Seeding Method Number 2	UNIT	340	\$ 45.00	\$15,300
619.12	Mulch	UNIT	340	\$ 45.00	\$15,300
	Cost to Remove and Salvage Track	MILES	5.20	\$ 71,000.00	\$369,200
659.10	Mobilization	LS	1	\$ 264,380.00	\$264,380
Construction Subtotal:					\$2,908,180
Contingency (30%):					\$872,454
Construction Total:					\$3,780,634
Round Up					
TOTAL:					\$3,800,000



MOUNTAIN DIVISION FEASIBILITY STUDY
Conceptual Cost Estimate

Segment 4					
Item No.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
304.10	Aggregate Subbase Course - Gravel	CY	10300	\$ 65.00	\$669,500
403.209	Hot Mix Asphalt 9.5 mm (sidewalks, drives, islands & incidentals)	TONS	3500	\$ 300.00	\$1,050,000
607.163	Chain Link Fence - 4 Foot PVC Coated	LF	9000	\$ 45.00	\$405,000
615.07	Loam	CY	2100	\$ 60.00	\$126,000
618.14	Seeding Method Number 2	UNIT	340	\$ 45.00	\$15,300
619.12	Mulch	UNIT	340	\$ 45.00	\$15,300
	Cost to Remove and Salvage Track	MILES	5.15	\$ 71,000.00	\$365,650
659.10	Mobilization	LS	1	\$ 264,675.00	\$264,675
Construction Subtotal:					\$2,911,425
Contingency (30%):					\$873,428
Construction Total:					\$3,784,853
Round Up					
TOTAL:					\$3,800,000



MOUNTAIN DIVISION FEASIBILITY STUDY
Conceptual Cost Estimate

Segment 5					
Item No.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
304.10	Aggregate Subbase Course - Gravel	CY	11900	\$ 65.00	\$773,500
403.209	Hot Mix Asphalt 9.5 mm (sidewalks, drives, islands & incidentals)	TONS	4050	\$ 300.00	\$1,215,000
607.163	Chain Link Fence - 4 Foot PVC Coated	LF	8450	\$ 45.00	\$380,250
615.07	Loam	CY	2450	\$ 60.00	\$147,000
618.14	Seeding Method Number 2	UNIT	400	\$ 45.00	\$18,000
619.12	Mulch	UNIT	400	\$ 45.00	\$18,000
	Cost to Remove and Salvage Track	MILES	6.05	\$ 71,000.00	\$429,550
659.10	Mobilization	LS	1	\$ 298,130.00	\$298,130
Construction Subtotal:					\$3,279,430
Contingency (30%):					\$983,829
Construction Total:					\$4,263,259
Round Up					
TOTAL:					\$4,300,000



MOUNTAIN DIVISION FEASIBILITY STUDY
Conceptual Cost Estimate

Segment 6					
Item No.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
304.10	Aggregate Subbase Course - Gravel	CY	3500	\$ 65.00	\$227,500
403.209	Hot Mix Asphalt 9.5 mm (sidewalks, drives, islands & incidentals)	TONS	1200	\$ 300.00	\$360,000
607.163	Chain Link Fence - 4 Foot PVC Coated	LF	3050	\$ 45.00	\$137,250
615.07	Loam	CY	750	\$ 60.00	\$45,000
618.14	Seeding Method Number 2	UNIT	120	\$ 45.00	\$5,400
619.12	Mulch	UNIT	120	\$ 45.00	\$5,400
	Cost to Remove and Salvage Track	MILES	1.77	\$ 71,000.00	\$125,670
	*PWD Alternative 1	LS	1	\$ 3,450,000.00	\$3,450,000
659.10	Mobilization	LS	1	\$ 435,622.00	\$435,622
Construction Subtotal:					\$4,791,842
Contingency (30%):					\$1,437,553
Construction Total:					\$6,229,395
Round Up					
TOTAL:					\$6,300,000

*See PWD Alternatives estimate for breakdown of cost