

Dirt Inc.

5963 W Arrowhead Rd
 Duluth MN 55810

Estimate

Date	Estimate #
5/14/2018	5039

Name / Address
Duluth City Of 411 West 1St. St. Duluth, Mn. 55802

			Project
Description	Qty	Rate	Total
30 degree culvert angles	2	420.00	840.00
24" special wide culvert bands	6	40.00	240.00
		0.00	
Station +50 - Reduce trail grade to 8.3%, 700 yards common excavation	700	10.00	7,000.00
Station 22 + 75: 18" dual wall 30 ft culvert	1	1,300.00	1,300.00
Ditch along trail	100	10.00	1,000.00
Common excavation	30	10.00	300.00
Station 35 + 00: Install 18" dual wall culvert	1	1,300.00	1,300.00
70 yards of limestone cover	70	30.00	2,100.00
Shuttle limestone	70	7.00	490.00
Raise trail 10" through wet areas, 4 locations and 1275 lenial feet	400	10.00	4,000.00
565' misc trail ditching from station 110 + 00 East,. Includes tree and brush removal	565	10.00	5,650.00
Cat 3 - in ditch add 2X. 300 lenial feet, 10' wide	111	3.00	333.00
Station 5 Slip line existing culvert with 72" plastic dual wall Form and repair lower head wall 130 L.F.	1	49,500.00	49,500.00
Station 22-75 Slip line existing culvert 36 inch HDPE dual wall 150 L.F. form and repair both head walls	1	48,500.00	48,500.00
		0.00	0.00
Optional ditch area instead of adding limestone, includes brushing 300 lenial feet Station 47=29	300	10.00	3,000.00
Cat 3 with seed in ditch	111	3.00	333.00
Station 111 + 47:			
		Total	

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Repair washout 75 cubic yards common barrow	75	10.00	750.00
Geofabric in yards	100	1.50	150.00
Landscape rock special	70	9.20	644.00
RipRap salvage	70	10.00	700.00
Station 130:			
12" Dual wall culvert	1	1,000.00	1,000.00
Common excavation	50	10.00	500.00
Station 155 - clear boulders from trail area, build up trail and fortify with rock wall	1	500.00	500.00
Station 192 + 75:			
Clear existing culvert, ditch and common excavation yards	75	10.00	750.00
Cat 3	50	1.50	75.00
Seed	0.5	25.00	12.50
Station 196 + 25:			
Clear culvert, ditch and common excavation yards	75	10.00	750.00
Cat 3	50	1.50	75.00
Seed	0.5	25.00	12.50
Riprap salvage from woods and build riprap wall lump sum	1	2,500.00	2,500.00
Build armour spillway	1	750.00	750.00
Station 200 + 00:			
Install 30' culvert 30" HPDE	1	1,500.00	1,500.00
Aprons	2	225.00	450.00
Construct armour spillway	1	750.00	750.00
Common excavation yards	80	10.00	800.00
Cat 3 erosion blanket	70	1.50	105.00
Seed	0.75	53.00	39.75
Trees 4" or greater	10	100.00	1,000.00
Geofabric in yards	25	1.50	37.50
Riprap salvage from woods and build rock wall	1	2,850.00	2,850.00
Station 05-00 Add class V to west side of grade yards	30	25.00	750.00
Total			\$143,337.25