

# Attachment G

## QUANTITY CALCULATIONS

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**Fourche Creek Quantities**  
5/12/2005

Item	Unit	Quantity	Main Road	Path 1N	Path 1S	Path 1A	Path 2	Path 3	Path 3A	Path 4	Parking Areas
9" Concrete Road	SY	1,450.78	1,450.78								
Gravel Road	CY	1,278.74	906.09								372.64
Base Course	CY	642.51	263.32		103.58		275.61				
6" Sidewalk	LF	1,042.04									1,042.04
Crusher Dust	CY	1,304.19		133.09	525.29	20.74	150.33	180.75	29.63	284.35	
6' Boardwalk	LF	1,115.00		770.00	345.00			40.00			
8' Boardwalk	LF	40.00					100.00				
Geotextile	SY	30,854.85	10,953.39	1,384.44	6,150.90	217.78	3,608.00	1,867.62	300.00	2,676.55	3,696.16
30" RCP	LF	152.00	152.00								
18" RCP	LF	380.00	380.00								
12" RCP	LF	44.00	44.00								
Water Line	LF	3,000.00	3,000.00								
Sewer Line	LF	120.00									120.00
Estimated Cut	CY	3,238.44	826.63	169.21	793.21	26.62	551.22	228.26	36.67	327.13	279.48
Estimated Fill	CY	2,479.76	1,665.70	20.74	92.22	3.46	75.17	26.76	3.70	33.04	568.97

**Other Quantities**

Item	Unit	Quantity
Parking Lot Demolition/ Clearing	LS	1
Port-o-Let with Structure	LS	1
Restroom with Sewer Connection	SF	605
Remove Existing CMPs (2 Pipes 24")	LF	60
Helical Pier System Boardwalks	LF	1555
Entrance Landscape	LS	1
Entrance Gate and Fence	LS	1
Entrance Sign	EA	1
Light Poles	EA	3
Kiosk Structure	EA	2
Interpretive Sign	EA	16
Interpretive Sign Frame	EA	10
Identification Sign and Frame	EA	20
Trash Removal	LS	1
Site Entry Planning	LS	1
Landscape at Trailhead/Parking Facilities	LS	1

**NOTE: Quantities provided in the above table are for preliminary planning purposes only and do not represent 100% design/construction quantities.**

Main Road Earthwork Quantities Based on Eaglepoint Surface Model  
 Parking Area Quantities Estimated: Cut = Parking Area \* 0.25'; Fill = Parking Area \* 0.50'  
 See Fourche Creek Quantities notes by RJM from 4/14/05 (Edited 5/12/04) for 10% adjustment

Sheet	6' Path	8' Path	9' Path	6' BW	8' BW	9' BW	Geotextile	Base Course	Crusher Dust	Cut	Fill
Path1NPP01		350		250			3150	0	933.3333333	38.8888889	4.320987654
Path1NPP02	470			330			3290	0	940	40.61728395	5.802469136
Path1NPP03	520			80			3640	0	1040	44.9382716	6.419753086
Path1NPP04	340			110			2380	0	680	29.38271605	4.197530864
<b>Total Path 1N</b>	<b>1330</b>	<b>350</b>	<b>0</b>	<b>770</b>	<b>0</b>	<b>0</b>	<b>12460</b>	<b>0</b>	<b>3593.3333333</b>	<b>153.8271605</b>	<b>20.74074074</b>
Path1SPP01	100	300		200			3400	0	1000	41.97530864	4.938271605
Path1SPP02		700					6300	0	1866.666667	77.77777778	8.641975309
Path1SPP03	91.5	200	508.5				14644.5	2796.75	2241.8333333	218.462963	31.84876543
Path1SPP04	700						4900	0	1400	60.49382716	8.641975309
Path1SPP05	700						4900	0	1400	60.49382716	8.641975309
Path1SPP06	150	305		145			4900	0	1400	60.49382716	8.641975309
Path1SPP07		700					3795	0	1113.3333333	46.85185185	5.617283951
Path1SPP08		700					6300	0	1866.666667	77.77777778	8.641975309
Path1SPP09		535.4					6300	0	1866.666667	77.77777778	8.641975309
<b>Total Path 1S</b>	<b>1741.5</b>	<b>3440.4</b>	<b>508.5</b>	<b>345</b>	<b>0</b>	<b>0</b>	<b>55358.1</b>	<b>2796.75</b>	<b>14182.9</b>	<b>721.1</b>	<b>92.22407407</b>
<b>Path1APP01</b>	<b>280</b>						<b>1960</b>	<b>0</b>	<b>560</b>	<b>24.19753086</b>	<b>3.456790123</b>
Path2PP01			500			100	12000	2750	1500	185.1851852	27.77777778
Path2PP02			853				20472	4691.5	2559	315.9259259	47.38888889
<b>Total Path 2</b>	<b>0</b>	<b>0</b>	<b>1353</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>32472</b>	<b>7441.5</b>	<b>4059</b>	<b>501.1111111</b>	<b>75.16666667</b>
Path3PP01	600						4200	0	1200	51.85185185	7.407407407
Path3PP02	700						4900	0	1400	60.49382716	8.641975309
Path3PP03	50	250		400			2600	0	766.6666667	32.09876543	3.703703704
Path3PP04		567.62			40		5108.58	0	1513.6533333	63.06888889	7.007654321
<b>Total Path 3</b>	<b>1350</b>	<b>817.62</b>	<b>0</b>	<b>400</b>	<b>40</b>	<b>0</b>	<b>16808.58</b>	<b>0</b>	<b>4880.32</b>	<b>207.5133333</b>	<b>26.76074074</b>
<b>Path3APP01</b>		<b>300</b>					<b>2700</b>	<b>0</b>	<b>800</b>	<b>33.33333333</b>	<b>3.703703704</b>
Path4PP01		800					7200	0	2133.3333333	88.8888889	9.87654321
Path4PP02		600					5400	0	1600	66.66666667	7.407407407
Path4PP03		700					6300	0	1866.666667	77.77777778	8.641975309
Path4PP04		576.55					5188.95	0	1537.466667	64.06111111	7.117901235
<b>Total Path 4</b>		<b>2676.55</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24088.95</b>	<b>0</b>	<b>7137.466667</b>	<b>297.3944444</b>	<b>33.04382716</b>
<b>TOTALS:</b>	<b>4701.5</b>	<b>7584.57</b>	<b>1861.5</b>	<b>1515</b>	<b>40</b>	<b>100</b>	<b>145847.63</b>	<b>10238.25</b>	<b>35213.02</b>	<b>1938.47691</b>	<b>255.0965432</b>

	Concrete	Gravel	30" Pipe	18" Pipe	12" Pipe	Geo	Base Course	Length
RoadPP01	13057.05	215				13272.05	14219.05	
RoadPP02		9299.35		60.00		9299.35		
RoadPP03		11101.11		60.00		11101.11		
RoadPP04		11363.63		30.00		11363.63		
RoadPP05		10387.73	152.00		44.00	10387.73		
RoadPP06		10311.53		140.00		10311.53		
RoadPP07		11469.3		60.00		11469.3		
RoadPP08		9245.85		30.00		9245.85		6065.0000
<b>TOTALS:</b>	<b>13057.05</b>	<b>73393.5</b>	<b>152</b>	<b>380</b>	<b>44</b>	<b>86450.55</b>	<b>14219.05</b>	
Parking Lot S	384.67	14237.51				Geo		429.25
Parking Lot N	384.67	15946.71				Sidewalk		726.69
<b>TOTALS:</b>	<b>769.34</b>	<b>30184.22</b>				<b>1042.04</b>		

