



CIVIL ENGINEERING SERVICES, INC.

ENGINEERS & SURVEYORS

Dennys River Ring Trail Concept Plan Cost Estimate of May 8, 2007

General Lengths, Areas, and Quantities:

Trail Length:	79,520	linear feet	Picnic Areas	2,800	square feet (40'x70')
Trail Width:	6	feet	Picnic Tables	6	each
Ramp Length:	1,500	linear feet	Bench Areas:	24	each
Ramp Width:	6	feet	Bench Area Size:	160	square feet (8'x20')
			Benches:	48	each
Number of Bridges:	2	each	Signs:	34	each
Total Bridge Length:	400	linear feet			
Bridge Width:	6	feet			

Cost Estimates:

Construction:

Clear & Grub:	656,800 sf x \$0.17/sf =	\$111,656.00
Excavation (1 ft depth):	497,760 cf x \$0.28/cf =	\$139,373.00
Geotextile:	656,800 sfx \$0.22/sf =	\$144,496.00
Backfill (1 ft of Crusher Dust):	497,760 cf x \$0.67/cf =	\$333,500.00
Ramps:	1,500 lf x \$135/lf =	\$202,500.00
Bridges:	400 lf x \$270/lf =	\$108,000.00
Benches:	48 x \$560ea =	\$26,880.00
Picnic Tables:	6 x \$900ea =	\$5,400.00
Signs:	34 x \$200ea =	\$6,800.00
Landscaping:	1x \$300,000ea =	<u>\$300,000.00</u>

Construction Sub-Total \$1,378,605.00

Construction Contingency (15%) \$206,791.00

Construction Total \$1,585,396.00

Engineering Services:

Survey Layout and Control:	\$24,550.00
Design:	\$41,150.00
Construction Administration:	\$9,850.00
Construction Observation:	<u>\$26,750.00</u>

Engineering Services Sub-Total \$102,300.00

Engineering Contingency (15%): \$15,345.00

Engineering Total: \$117,645.00

Project Total: \$1,703,401.00

Apply an escalation rate of 4 percent per year for each additional year beyond 2007.

CORPORATE HEADQUARTERS - www.ces-maine.com

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