






MDI Narrows Scenic Turnout Preliminary Cost Estimate					
1/30/2013					
					
Quantity	Unit	Item	Estimated Cost/Item	Subtotal	Remarks
<b>Site Preparation &amp; Earthwork</b>					
0.6	acres	Clearing + Grubbing	\$ 7,000.00	\$ 4,200.00	Initial hand clearing to allow for protection of existing trees (not accessible due to heavy shrub cover). Grubbing to remove roots and salvage of top soil layer for reuse.
0.2	acres	Selective Clearing	\$ 2,400.00	\$ 480.00	Selective hand clearing of understory to open views in undeveloped areas on the south side of the Seaplane Ramp
1	LS	Tree Protection	\$ 500.00	\$ 500.00	Protect major trees
1	LS	Demolition	\$ 1,000.00	\$ 1,000.00	Remove chain link fence along north side of ramp, signs, etc.
380	CY	Site Excavation	\$ 18.00	\$ 6,840.00	Detailed site excavation to establish terracing and salvage soils for mixing. Added extra 80 CY for new HC trail (12/5/12)
135	CY	Common Borrow	\$ 29.00	\$ 3,915.00	Assumes 6-inches of Granual borrow for terrace grading and subgrade drainage (TBD)
250	CY	Loam/Compost Mix	\$ 55.00	\$ 13,750.00	Special Soil Mix for long term high performance of proposed turf and planting areas - cost may be reduced with reuse of onsite loam after clearing - soil tests required.
<b>Stone Salvage/Delivery</b>					
32	Hours	Front End Loader	\$ 75.00	\$ 2,400.00	Assumes 16 CY granite curb (Airport stockpile) 102 CY granite curb + blocks (Ellsworth stockpile ) and 20 CY granite block (Cherryfield stockpile)
32	Hours	Large Truck	\$ 75.00	\$ 2,400.00	
32	Hours	Hand Labor	\$ 35.00	\$ 1,120.00	

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<b>Upper Viewing Terrace</b>					
40	CY	Common Borrow	\$ 29.00	\$ 1,160.00	Assume 6" compacted base for play areas - TBD after review of area during construction
40	CY	Wood Chip Topdress - 6 inch depth	\$ 10.00	\$ 400.00	Cover areas with Wood Chip topdress to allow for informal play and future play area development
47	LF	Lower salvaged granite wall with seat cap	\$ 65.00	\$ 3,055.00	Approx. 47'x2'x2'
25	LF	Lower salvaged granite wall around pine tree	\$ 65.00	\$ 1,625.00	Approx. 25'x2'x2'
20	EA	Boulder Elements - Lg	\$ 65.00	\$ 1,300.00	Approx. size 2.5'x2.5'x2.5'
3	EA	Large Trees	\$ 225.00	\$ 675.00	Shade and natural area enhancement
10	EA	Large Shrubs	\$ 40.00	\$ 400.00	Buffers and natural area enhancement
25	EA	Med/Small Shrubs	\$ 30.00	\$ 750.00	Low maintenance groundcover
<b>Lower Terraced Picnic, Seating and Viewing Area</b>					
6	UNIT	Turf Establishment	\$ 75.00	\$ 450.00	Special Turf Mix + additives for high performance seed mix
250	SY	Asphalt Path Parking to Picnic Shelter	\$ 35.00	\$ 8,750.00	Adjustment needed for revised design
1	LS	Bioswale Feature with plantings	\$ 2,500.00	\$ 2,500.00	Includes materials and labor for construction of Bioswale Feature on upper walkway area
11	LF	Reset Granite Curb	\$ 35.00	\$ 385.00	To accommodate new walkway from seaplane ramp
150	LF	Stone Seatwalls	\$ 65.00	\$ 9,750.00	Approx 150'x10"x18"
8	EA	Seatwall Boulder Elements	\$ 50.00	\$ 400.00	Features to add interest to seatwalls
250	LF	Low Stone Retaining sideslope	\$ 30.00	\$ 7,500.00	Approx 250'x18"x18"
300	SF	Stone Viewing Platform	\$ 35.00	\$ 10,500.00	Design based on arc layout of 32 6'x1.5' long pieces per design as of 12/5

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175	SF	Stone Viewing Platform Salvaged Flat Boulder Retaining Wall	\$ 50.00	\$ 8,750.00	Approx. 35'x4'x18"
32	SF	Large Salvaged Granite Slab Steps	\$ 40.00	\$ 1,280.00	Approx. 4x(4'x8"x2')
2	EA	Large Granite Slab Benches	\$ 350.00	\$ 700.00	Salvaged granite from Ellsworth yard
6	EA	Large Trees	\$ 225.00	\$ 1,350.00	Shade and natural area enhancement
20	EA	Large Shrubs	\$ 40.00	\$ 800.00	Buffers and natural area enhancement
50	EA	Med/Small Shrubs	\$ 30.00	\$ 1,500.00	Low maintenance groundcover/slopes
4	EA	Picnic Tables -	\$ 700.00	\$ 2,800.00	Includes installation
4	EA	Grills	\$ 350.00	\$ 1,400.00	
1	LS	Picnic Shelter - approx 20' x 14'	\$ 25,000.00	\$ 25,000.00	Budget Estimate - Needs Trenton TE approval for prototype design
135	SY	Asphalt Trail for Parking Area access	\$ 35.00	\$ 4,725.00	Revised trail layout to accommodate 5% grade and pull off areas for ADA.
40	SY	HC Access walkway from Seaplane ramp to Overlook	\$ 35.00	\$ 1,400.00	
1	LS	Granite Crossing from recycled curbs and blocks	\$ 2,500.00	\$ 2,500.00	Budget item based on latest design - Final Estimate TBD. Use labor and equipment items.
10	SY	Turf Reinforcement Mat	\$ 10.00	\$ 100.00	Under granite trail crossing
20	SF	Reset Granite Seaplane Ramp Edge for curb cut	\$ 25.00	\$ 500.00	Use labor and equipment items
1	LS	Stablize Granite Edge (both sides)	\$3,500.00	\$3,500.00	Use labor, equipment and material items
<b>Existing Swale Stabilization</b>					
3	CY	Hand Laid Rip Rap	\$ 250.00	\$ 750.00	TBD
35	EA	Small boulders	\$ 25.00	\$ 875.00	Hand placed boulders to create naturalistic stream edge and stabilization

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<b>Interpretive Panel, Bike Rack and Privy Area</b>					
140	SY	Asphalt Walk	\$ 35.00	\$ 4,900.00	Includes asphalt HE ramps
11	LF	Reset Granite Curb	\$ 35.00	\$ 385.00	For HC ramps
10	EA	Retrofitted Granite Bike Rack Posts	\$ 150.00	\$ 1,500.00	Adjustment needed once detail design is approved using recycled granite posts
9	EA	Boulder Barrier Edge	\$ 50.00	\$ 450.00	low boulders in groups to define edge along curbline
50	EA	Med/Small Shrubs	\$ 30.00	\$ 1,500.00	Low maintenance groundcover/slopes
5	CY	Small Boulder RipRap Edge around Privy	\$ 50.00	\$ 250.00	Approx. 40'x5'x12"
68	LF	Bike Rack Granite Edge	\$ 35.00	\$ 2,380.00	Approx. 68'x10"x18"
12	EA	Boulder Edge - Interpretive Area	\$ 25.00	\$ 300.00	Approx. 25'x24"x24"
9	EA	Boulder Barrier Edge	\$ 35.00	\$ 315.00	Approx. (9) 2.5' boulders in groups for naturalistic look
1	LS	Privy	\$ 21,000.00	\$ 21,000.00	Assume MaineDOT scenic byway prototype -
<b>Boundary Fence, Site Signage + Interpretive Screen Feature</b>					
75	LF	Reset Existing 8-foot Chain Link Fence (Upper Boundary) to match existing	\$ 15.00	\$ 1,125.00	
200	LF	New Boundary Fence (Interior) 5-foot woven wire	\$ 12.00	\$ 2,400.00	Option: New chain link fence would add approximately \$2000 to cost.
1	LS	Site Signage	\$ 1,500.00	\$ 1,500.00	Install salvaged signage or signage provided by County/Airport/Town - (budget estimate only: Qty of signs TBD)
1	LS	Interpretive Screen Feature/ Morris Fence	\$ 5,000.00	\$ 5,000.00	Budget set aside for interpretive screen options - TBD

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Quantity	Unit	Item	Estimated Cost/Item	Subtotal	Remarks
		Subtotal:		\$ 187,140.00	
		3% CONTINGENCY and INCIDENTALS		\$ 5,614.20	
		Subtotal with contingency		\$ 192,754.20	
		Mobilization		\$ 19,275.42	
		Total		\$ 212,029.62	
			<b>SAY:</b>	<b>\$ 213,000.00</b>	
<b><u>Town Funded Improvement Budget Estimates (Non-participating)</u></b>					
<b>Parking Area Repairs</b>					
1	LS	Hammer milling the pavement, regrading and compacting without addition of stabilizers or a new surface pavement course	\$ 18,000.00	\$ 18,000.00	Temporary measure - TBD
<b>Pet Exercise Area</b>					
245	LF	Chain Link Fence - 4-foot Ht.	\$ 18.00	\$ 4,410.00	
1	EA	Kiosk bag dispenser	\$ 200.00	\$ 200.00	
1	EA	Trash Receptacle	\$ 200.00	\$ 200.00	
		Subtotal:		\$ 4,810.00	