

The Grand History Trail – Gettysburg Pennsylvania to the Maryland State Border

Segment Reach Analysis Chart - ORANGE Route (Reference Map C)

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Segment Description				ROW - Existing Conditions						Trail Recommendations						Opinion of Probable Cost of Construction																										
GNMP - Gettysburg National Military Park				NPS - Nation Park Service; PDOT - PennDOT; M - Municipal; CE - Conservation Easement; P - Private						S.T.R. - Share-the-Road Route; ORT - Off Road Trail; SP - Side Path; HOP - Highway Occupancy Permit						PM&S - Pavement Marking and Signage																										
Segment Number	Start Point	Route	End Point	Approx. Length (ft.)	Approx. Length (mile)	ROW Type	ROW Width - Existing	Vehicle Traffic Volume (AADT)	Topography (Qual. Slope Anal.)	Trail Type Recommended	Trail Experience	Use Agrmnt. Req'd.	HOP Required	ROW Acqstn. Req'd.	Land Parcels Impacted		Approx. Length (ft.)	10 to 12 Feet Wide Asphalt Paved Trail	Share-the-Road PM&S	Directional & Safety Signage	Earthwork / Stormwater Management	Fencing & Landscaping (buffers)	Misc. Construction	Totals	Comments																	
															R	L										120	25	5	20	30	10											
1	GNMP Visitor Center	Taneytown Rd. / Pleasonton Ave. / Hancock Ave.	Steinwehr Ave. / Cyclorama Dr.	9240	1.75	NPS			Low	ORT/SP	National Park	X			1 (GNMP)		9240	\$ 1,108,800		\$ 46,200	\$ 184,800	\$ 277,200	\$ 92,400	\$ 1,710,000																		
2	Steinwehr Ave. / Cyclorama Dr.	Emmitsburg Rd.	Millerstown Rd. / Emmitsburg Rd.	6888	1.30	PDOT/NPS		3,000	Low	SP	National Park	X	X		1 (GNMP)		6888	\$ 826,560		\$ 34,440	\$ 137,760	\$ 206,640	\$ 68,880	\$ 1,275,000																		
25	Millerstown Rd. / Emmitsburg Rd.	Millerstown Rd. / Red Rock Rd.	Red Rock Rd. / Waterworks Rd. (Eisenhower Bridge)	5908	1.12	PDOT/M/NPS		700	Medium	SP/S.T.R.	National Park	X	X		1 (GNMP) 2 (GNMP)		5908	\$ 588,480	\$ 25,100	\$ 29,540	\$ 118,160	\$ 177,240	\$ 59,080	\$ 998,000																		
9	Red Rock Rd. / field edge route	Red Rock Rd.	Red Rock Rd. / Waterworks Rd. (Eisenhower Bridge)	905	0.17	M			Low	S.T.R.	National Park						905		\$ 22,625	\$ 4,525		\$ 9,050	\$ 37,000																			
26	Red Rock Rd. / field edge route	Red Rock Rd.	Red Rock Rd. / Shields Driveway	8263	1.56	M			Medium	S.T.R.	National Park/Rural						8263		\$ 206,575	\$ 41,315		\$ 82,630	\$ 331,000																			
12	Driveway entrance to Shields property at 957 Red Rock Rd.	Red Rock Rd.	Red Rock Rd. / Schriver Rd.	1239	0.23	M			Medium	S.T.R.	Suburban						1239		\$ 30,975	\$ 6,195		\$ 12,390	\$ 50,000																			
27	Red Rock Rd. / Schriver Rd.	Red Rock Rd.	Red Rock Rd. / Pumping Station Rd.	1896	0.36	M			Medium	S.T.R.	Rural						1896		\$ 47,400	\$ 9,480		\$ 18,960	\$ 76,000																			
28	Red Rock Rd. / Pumping Station Rd.	Pumping Station Rd.	Pumping Station Rd. / Cunningham Rd.	4646	0.88	PDOT/P/CE	33 ft	650	Medium	SP	Rural	X	X	X	4 5		4646	\$ 557,520		\$ 23,230	\$ 92,920	\$ 139,380	\$ 46,460	\$ 860,000																		
13	Red Rock Rd. / Schriver Rd.	Schrive Rd.	Schrive Rd. / Cunningham Rd.	5595	1.06	M/P			Low	S.T.R.	Suburban						5595		\$ 139,875	\$ 27,975		\$ 55,950	\$ 224,000	Alternative Orange Routes																		
29	Schrive Rd. / Cunningham Rd.	Cunningham Rd.	Pumping Station Rd. / Cunningham Rd.	4979	0.94	PDOT/P	28 ft to 40 ft	150	Low	SP	Rural	X	X	X	4 4		4979	\$ 597,480		\$ 24,895	\$ 99,580	\$ 149,370	\$ 49,790		\$ 922,000																	
30	Pumping Station Rd. / Cunningham Rd.	Pumping Station Rd. / Middle Creek Rd.	Middle Creek Rd. / Gordon Rd.	9246	1.75	PDOT/M/P/CE	33 ft to 40 ft	150 -1200	High	SP	Suburban/Rural	X	X	X	10 17		9246	\$ 1,109,520		\$ 46,230	\$ 184,920	\$ 277,380	\$ 92,460	\$ 1,711,000																		
17	Middle Creek Rd. / Gordon Rd.	Middle Creek Rd.	Middle Creek Rd. / Wenschhof Rd.	845	0.16	M/P			Medium	SP	Suburban/Rural	X		X	2 1		845	\$ 101,400		\$ 4,225	\$ 16,900	\$ 25,350	\$ 8,450	\$ 157,000																		
18	Middle Creek Rd. / Wenschhof Rd.	Wenschhof Rd.	Wenschhof Rd. / Stultz Rd.	2200	0.42	M/P			Medium	SP	Suburban/Rural	X		X	6 6		2200	\$ 264,000		\$ 11,000	\$ 44,000	\$ 66,000	\$ 22,000	\$ 407,000																		
31	Wenschhof Rd. / Stultz Rd.	Wenschhof Rd.	Wenschhof Rd. / Tract Rd.	4808	0.91	M/P			Medium	SP	Rural	X		X	6 9		4808	\$ 576,960		\$ 24,040	\$ 96,160	\$ 144,240	\$ 48,080	\$ 890,000																		
32	Wenschhof Rd. / Tract Rd.	Tract Rd.	Tract Rd. / PA-MD State Line	8816	1.67	PDOT/P	33 ft	500	Medium	SP	Rural	X	X	X	19 24		8816	\$ 1,057,920		\$ 44,080	\$ 176,320	\$ 264,480	\$ 88,160	\$ 1,631,000																		
																						TOTAL	\$	10,133,000																		
																						Construction Contingency - 10%	\$	1,014,000																		
																						Design, Engineering & Documentation	\$	1,115,000																		
																						TOTAL Opinion of Prob. Cost of Const.	\$	12,262,000																		
																						<i>Approximate Total Length in Miles</i>		12.3																		
																						<i>Approx. Cost Per Mile</i>	\$	998,000																		