

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

Segment Reach Analysis Chart - Interim Off and On-Road Alignment (Reference Map D)

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Segment Description				ROW - Existing Conditions						Trail Recommendations						Opinion of Probable Cost of Construction												
Abbrvs.		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 Agrmt. 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
1	1	1	1	GNMP Visitor Center	Taneytown Rd. / Pleasonton Ave. / Hancock Ave.	Steinwehr Ave. / Cyclorama Dr.	9240	1.75	NPS							1 (GNMP)	9240	\$ 1,108,800		\$ 46,200	\$ 184,800	\$ 277,200	\$ 92,400	\$ 1,710,000				
2	2	2	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			
3	3	3	3	Millerstown Rd. / Emmitsburg Rd.	Emmitsburg Rd.	Eisenhower Farm Rd. / Emmitsburg Rd.	4313	0.82	PDOT/NPS		3,000	Medium	SP	National Park	X	X	1 (GNMP)	4313	\$ 517,560		\$ 21,565	\$ 86,260	\$ 129,390	\$ 43,130	\$ 798,000			
7	7	7	7	Emmitsburg Rd. / Eisenhower Farm Rd.	Eisenhower Farm Rd.	Eisenhower Farm Rd. at the Eisenhower National Historic Site (House)	3327	0.63	NPS			Medium	S.T.R.	National Park	X			3327		\$ 83,175	\$ 16,635			\$ 33,270	\$ 134,000			
8	8	8	8	Eisenhower Farm Rd. the Eisenhower National Historic Site (House)	Eisenhower Farm Field Edge	Red Rock Rd. / field edge route	1839	0.35	NPS			Low	ORT	National Park	X		1 (GNMP)	1839	\$ 220,680		\$ 9,195	\$ 36,780	\$ 55,170	\$ 18,390	\$ 341,000			
9	9	9	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	X			905		\$ 22,625	\$ 4,525			\$ 9,050	\$ 37,000			
10	10	10	10	Red Rock Rd. / Waterworks Rd. (Eisenhower Bridge)	Waterworks Rd.	Waterworks Rd. / Sachs Covered Bridge	2563	0.49	M/NPS			Low	S.T.R.	Suburban/Rural				2563		\$ 64,075	\$ 12,815			\$ 25,630	\$ 103,000			
11	11	11	11	Waterworks Rd. / Sachs Covered Bridge	Marsh Creek Corridor / Private Lands	Driveway entrance to Shields property at 957 Red Rock Rd.	6389	1.21	P/CE/NPS			Medium	ORT	Rural	X	X	3 (Shields/GNMP)	6389	\$ 766,680		\$ 31,945	\$ 127,780	\$ 191,670	\$ 63,890	\$ 1,182,000			
12	12	12	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	27	27	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	28	28	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	S.T.R.	Rural	X	X	X	4	5	4646		\$ 116,150	\$ 23,230			\$ 46,460	\$ 186,000	
13	13	13	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			
29	29	29	29	Schrive Rd. / Cunningham Rd.	Cunningham Rd.	Pumping Station Rd. / Cunningham Rd.	4979	0.94	PDOT/P	28 ft to 40 ft	150	Low	S.T.R.	Rural	X	X	X	4	4	4979		\$ 124,475	\$ 24,895			\$ 49,790	\$ 200,000	
30	30	30	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	S.T.R.	Suburban/Rural	X	X	X	10	17	9246		\$ 231,150	\$ 46,230			\$ 92,460	\$ 370,000	
17	17	17	17	Middle Creek Rd. / Gordon Rd.	Middle Creek Rd.	Middle Creek Rd. / Wenschhof Rd.	845	0.16	M/P			Medium	S.T.R.	Suburban/Rural	X		X	2	1	845		\$ 21,125	\$ 4,225			\$ 8,450	\$ 34,000	
18	18	18	18	Middle Creek Rd. / Wenschhof Rd.	Wenschhof Rd.	Wenschhof Rd. / Stultz Rd.	2200	0.42	M/P			Medium	S.T.R.	Suburban/Rural	X		X	6	6	2200		\$ 55,000	\$ 11,000			\$ 22,000	\$ 88,000	
19	19	19	19	Wenschhof Rd. / Stultz Rd.	Stultz Rd.	Stultz Rd. / Rohrbaugh Rd.	2337	0.44	M/P			Low	S.T.R.	Rural	X		X	6	5	2337		\$ 58,425	\$ 11,685			\$ 23,370	\$ 94,000	
20	20	20	20	Middle Creek Rd. / Wenschhof Rd.	Middle Creek Rd.	Middle Creek Rd. / Rohrbaugh Rd.	2920	0.55	M/P			Medium	S.T.R.	Suburban/Rural	X		X	9	5	2920		\$ 73,000	\$ 14,600			\$ 29,200	\$ 117,000	
21	21	21	21	Middle Creek Rd. / Rohrbaugh Rd.	Rohrbaugh Rd.	Stultz Rd. / Rohrbaugh Rd.	3475	0.66	M			Low	S.T.R.	Rural				3475		\$ 86,875	\$ 17,375			\$ 34,750	\$ 139,000			
22	22	22	22	Stultz Rd. / Rohrbaugh Rd.	Stultz Rd.	Stultz Rd. / Boyle Rd.	3880	0.73	M/P			Low	S.T.R.	Suburban/Rural	X		X	8	10	3880		\$ 97,000	\$ 19,400			\$ 38,800	\$ 156,000	
23	23	23	23	Stultz Rd. / Boyle Rd.	Boyle Rd.	Boyle Rd. / Irishtown Rd.	2235	0.42	M/P			Low	S.T.R.	Suburban/Rural	X		X	11	5	2235		\$ 55,875	\$ 11,175			\$ 22,350	\$ 90,000	
24	24	24	24	Boyle Rd. / Irishtown Rd.	Irishtown Rd.	PA-MD State Line on Irishtown Rd.	2790	0.53	M			Medium	S.T.R.	Suburban/Rural				2790		\$ 69,750	\$ 13,950			\$ 27,900	\$ 112,000			
																						TOTAL		\$ 7,516,000				
																						Construction Contingency - 10%		\$ 752,000				
																						Design, Engineering & Documentation		\$ 827,000				
																						TOTAL Opinion of Prob. Cost of Const.		\$ 9,095,000				