

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

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

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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 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
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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	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	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	
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		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	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	
13	13	Red Rock Rd. / Schriver Rd.	Schrivier Rd.	Schrivier Rd. / Cunningham Rd.	5595	1.06	M/P		Low	S.T.R.	Suburban						5595		\$ 139,875	\$ 27,975			\$ 55,950	\$ 224,000	
14		Schrivier Rd. / Cunningham Rd.	Private Lands	Bull Frog Rd. at Wenschhof/Johnston property	5865	1.11	P		Medium	ORT	Rural	X	X		3		5865	\$ 703,800		\$ 29,325	\$ 117,300	\$ 175,950	\$ 58,650	\$ 1,086,000	
15		Bull Frog Rd. at Wenschhof/Johnston property	Bullfrog Rd.	Bullfrog Rd. / Gordon Rd.	637	0.12	PDOT/P	33 ft	1,200	Low	SP	Suburban/Rural	X	X	X	1 1	637	\$ 76,440		\$ 3,185	\$ 12,740	\$ 19,110	\$ 6,370	\$ 118,000	
16		Bullfrog Rd. / Gordon Rd.	Gordon Rd.	Middle Creek Rd. / Gordon Rd.	4844	0.92	M		Medium	S.T.R.	Suburban						4844		\$ 121,100	\$ 24,220			\$ 48,440	\$ 194,000	Cost not inc. for potential pedestrian bridge at ford.
17	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	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		
19		Wenschhof Rd. / Stultz Rd.	Stultz Rd.	Stultz Rd. / Rohrbaugh Rd.	2337	0.44	M/P		Low	SP	Rural	X	X		6 5	2337	\$ 280,440		\$ 11,685	\$ 46,740	\$ 70,110	\$ 23,370	\$ 433,000		
20		Middle Creek Rd. / Wenschhof Rd.	Middle Creek Rd.	Middle Creek Rd. / Rohrbaugh Rd.	2920	0.55	M/P		Medium	SP	Suburban/Rural	X	X		9 5	2920	\$ 350,400		\$ 14,600	\$ 58,400	\$ 87,600	\$ 29,200	\$ 541,000	Alternative Purple Routes	
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		Stultz Rd. / Rohrbaugh Rd.	Stultz Rd.	Stultz Rd. / Boyle Rd.	3880	0.73	M/P		Low	SP	Suburban/Rural	X	X		8 10	3880	\$ 465,600		\$ 19,400	\$ 77,600	\$ 116,400	\$ 38,800	\$ 718,000		
23		Stultz Rd. / Boyle Rd.	Boyle Rd.	Boyle Rd. / Irishtown Rd.	2235	0.42	M/P		Low	SP	Suburban/Rural	X	X		11 5	2235	\$ 268,200		\$ 11,175	\$ 44,700	\$ 67,050	\$ 22,350	\$ 414,000		
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		\$	9,493,000				
																		Construction Contingency - 10%		\$	950,000				
																		Design, Engineering & Documentation		\$	1,045,000				
																		TOTAL Opinion of Prob. Cost of Const.		\$	11,488,000				
																		Approximate Total Length in Miles			12.9				
																		Approx. Cost Per Mile		\$	893,000				