



# ALTERNATIVES EVALUATION MATRIX

Evaluation Criteria*	L = Low M = Moderate H = High	'No-Build' Alternative	'Build' Alternatives: U.S. 17 Trail														
			Segment 1		Segment 2	Segment 3		Segment 4	Segment 5		Segment 6				Segment 7		Segment 8
			Alt. A	Alt. B	Alt. A/B	Alt. A	Alt. B	Alt. A/B	Alt. A	Alt. B	Alt. A	Alt. B	Alt. C	Alt. D	Alt. A	Alt. B	Alt. A/B
<b>Facility Purpose</b>																	
Trail User Operating Environment and Comfort (i.e., lateral separation) (L/M/H)		None	M	L	L	M	L	M	M	M	M	M	M	M	H	L	L
Service to Community Destinations and Developable Parcels/Population Access (Local Traffic Potential) (L/M/H)		None	M	M	M	M	M	M	M	M	M	M	H	H	M	M	L
School Access/Student Mobility (L/M/H)		None	M	M	M	M	M	M	M	M	H	H	M	M	H	H	M
Trail System Connectivity (L/M/H)		None	H	H	H	H	H	H	H	H	H	H	M	M	H	H	H
<b>Social Impacts</b>																	
Number of Parcels Impacted**		0	6	0	6	0	0	0	1	0	17	0	0	14	0	0	50
Anticipated R/W Acquisition (acres) **		0	4.33	1.47	0.49	0.30	0	0	0.21	0	2.14	0	0	2.26	3.88	1.23	16.89
Supported by Local Governments (L/M/H)		None	H	M	H	H	M	H	H	M	H	H	H	H	H	M	H
<b>Potential Natural/Cultural Environmental Effects</b>																	
Number of Archaeological Sites***		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Historical Sites****		0	1	1	2	1	1	3	0	0	8	8	14	14	4	4	22
Floodplains (acres)		0	0	0	0	0.09	0.02	0.12	0	0	0	0	0	0	0.61	0.57	0.64
Wetlands (acres)		0	1.67	3.17	0.14	1.5	1.47	2.38	0	0	0	0	0	0	3.37	3.51	0.46
Wildlife/Threatened and Endangered Species Occurrence Potential (L/M/H)*****		None	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
<b>Potential Physical Effects</b>																	
Number of Utility Relocations		0	1	0	0	0	1	6	8	8	36	36	2	2	4	18	42
Number of Contamination Sites		0	2	2	4	2	2	7	3	3	6	6	6	6	9	9	17
<b>Safety</b>																	
Number of Driveway Crossings		0	4	4	3	5	5	1	1	1	9	9	13	13	12	12	20
Number of Street Crossings		0	3	3	2	1	1	1	0	0	4	4	4	4	4	4	13
<b>Estimated Project Costs (2019 USD)</b>																	
Construction		\$0	\$688,944	\$844,975	\$11,880	\$413,367	\$506,985	\$609,501	\$66,542	\$82,048	\$456,286	\$562,616	\$510,138	\$447,867	\$1,600,597	\$1,991,688	\$2,698,537
Design & Construction Engineering and Inspection (30% of Construction Cost)		\$0	\$206,683	\$253,493	\$3,564	\$124,010	\$152,096	\$182,850	\$19,962	\$24,614	\$136,886	\$168,785	\$153,041	\$134,360	\$480,179	\$597,506	\$809,561
Right of Way Acquisition (Under development)		\$0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
<i>Estimated Total Costs (pending Right of Way Acquisition Costs)</i>		\$0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

COSTS ARE PRELIMINARY AND SUBJECT TO CHANGE

\* Additional background information and rating/scoring guidelines related to these evaluation criteria are contained in an accompanying memorandum (dated July 26, 2018).

\*\* Pending findings from forthcoming Specific Purpose Survey.

\*\*\* Although there are no previously recorded archaeological sites, there is a moderate-to-H archaeological probability along the whole corridor.

\*\*\*\* Based on preliminary Area of Potential Effect (APE) that includes immediately adjacent parcels.

\*\*\*\*\* Wood Stork foraging habitat impacts are possible for Alternatives A and B, but can likely be avoided through design and/or offset by newly created ditches/swales associated with the trail.

Note: yellow shading represents notable difference between/ among alternatives

**SEGMENT 1:** S.R. 40 to South of Bell Rd.

**SEGMENT 2:** South of Bell Rd. to South of Hagstrom Rd.

**SEGMENT 3:** South of Hagstrom Rd. to South of W. Hagstrom Rd.

**SEGMENT 4:** South of W. Hagstrom Rd. to South of E 4th Ave.

**SEGMENT 5:** South of E 4th Ave. to E 4<sup>th</sup> Ave.

**SEGMENT 6:** E 4<sup>th</sup> Ave. to Washington Ave.

**SEGMENT 7:** Washington Ave. to Turkey Shoot Rd.

**SEGMENT 8:** Turkey Shoot Rd. to Putnam County Line