

## Impact Summary Table

Evaluation Criteria	Unit of Measure	Alternative 1 (formerly Alt. 5b)	Alternative 2 (formerly Alt. 4a)	Alternative 3 (formerly Alt. 6b)	Alternative 4 (formerly Alt. 9b)	Alternative 5 At Grade (new alternative)	Alternative 5 Over (new alternative)	Alternative 6 (new alternative)
<b>Cost</b>								
Real Estate	Dollars	\$3.2M	\$3.7M	\$2.6M	\$2.5M	\$2.3M	\$2.3M	\$2.0M
Construction	Dollars	\$23.2M	\$18.9M	\$19.3M	\$21.7M	\$18.9M	\$21.3M	\$18.7M
Total	Dollars	\$26.4M	\$22.6M	\$21.9M	\$24.2M	\$21.2M	\$23.6M	\$20.7M
<b>Right-of-way Required</b>								
Total Area Required	Acres	13.3	12.2	13.2	13.5	13.8	13.2	13.8
New Area Converted to ROW	Acres	5.6	4.7	5.7	6.0	7.0	7.0	8.1
Existing ROW Used	Acres	7.7	7.5	7.4	7.5	6.7	6.3	5.7
<b>Land Conversion</b>								
Residential Property Converted to ROW	Acres	0.6	0.7	0.7	0.9	2.6	2.5	1.8
Commercial Property Converted to ROW	Acres	1.0	1.0	1.1	1.0	0.1	0.1	0.1
Agricultural Property Converted to ROW	Acres	2.2	1.8	2.4	2.8	2.8	2.8	4.0
Other ROW	Acres	1.8	1.2	1.5	1.3	1.5	1.6	2.2
<b>Real Estate</b>								
Potential Residential Relocation	Number	4	6	3	6	9	9	6
Potential Commercial Relocation	Number	4	11	9	7	3	1	2
Potential Outbuilding Relocation	Number	4	2	3	2	2	2	1
Major Utility Relocation	Type	None	None	None	3-inch gas line under the river	electric distribution line over the river	electric distribution line over the river	None
<b>Environmental Issues</b>								
Floodplain affected	Acres	0.08	0.02	0.02	0.19	0.0	0.0	0.01
Wetlands Affected	Acres	0.08	0.02	0.02	0.19	0.0	0.0	0.0
Threatened & Endangered Species	Yes/No	No	No	No	No	No	No	No
Potential Historic Structures	Number	1	3	2	1	1	1	2
Potential Archaeological Sites	Number	No	No	No	No	No	No	No
Section 106 MOA Required	Yes/No	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Section 4(f) Evaluation Required	Yes/No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Contaminated Sites	Yes/No	Yes	Yes	Yes	Yes	No	No	No
Environmental Justice at Issue	Yes/No	No	No	No	No	No	No	No
Air Quality Permit	Yes/No	No	No	No	No	No	No	No
Sensitive Noise Receptors Affected	Number	TBD	TBD	TBD	TBD	TBD	TBD	TBD

Notes: All results are preliminary in nature and subject to change as alternative design is refined  
 Impact Calculations are based on Brown County's Existing Land Use  
 TBD = To Be Determined

