

Comparison Matrix



	Ashville Pike Alignments			Lockbourne-Eastern Alignments			
Impacts	<u>Widen West Alternative</u>	<u>Widen Equally Alternative</u>	<u>Widen East Alternative</u>	<u>Widen Existing Alternative (West)</u>	<u>Widen Existing Alternative (Equally)</u>	<u>Widen Existing Alternative (East)</u>	<u>Eastern Realignment</u>
Acquisitions	10 Residences 1 Business	21 Residences 10 Mobile Homes 1 Business 1 Church	16 Residences 17 Mobile Homes 1 Church	33 Residences	29 Residences	16 Residences	West: 29 Residences Equally: 25 Residences East: 14 Residences
Farmland Acreage	15 Acres (7 Acres Active Cropland and 8 Acres Fallow)	15 Acres (11 Acres Active Cropland and 4 Acres Fallow)	13 Acres (12 Acres Active Cropland and 1 Acre Fallow)	18 Acres Active Cropland	23 Acres Active Cropland	28 Acres Active Cropland	32 Acres Active Cropland
Roadway Network Issues (Purpose and Need)	Ashville Pike and Rickenbacker Parkway intersection would need to be relocated approximately 100-200 feet further east for proper spacing.	Ashville Pike and Rickenbacker Parkway intersection would need to be relocated approximately 100-200 feet further east for proper spacing.	Ashville Pike and Rickenbacker Parkway intersection would need to be relocated approximately 100-200 feet further east for proper spacing.	Would require intersection improvements at Lockbourne-Eastern and Duvall.	Would require intersection improvements at Lockbourne-Eastern and Duvall.	Would require intersection improvements at Lockbourne-Eastern and Duvall.	Would require intersection improvements at Lockbourne-Eastern and Duvall.
Environmental	No anticipated impacts per Red Flag Summary. Expected increase in roadway related noise.	No anticipated impacts per Red Flag Summary. Expected increase in roadway related noise.	No anticipated impacts per Red Flag Summary. Expected increase in roadway related noise.	No anticipated impacts per Red Flag Summary. Expected increase in roadway related noise.	No anticipated impacts per Red Flag Summary. Expected increase in roadway related noise.	No anticipated impacts per Red Flag Summary. Expected increase in roadway related noise.	No anticipated impacts per Red Flag Summary. Expected increase in roadway related noise.

All of the information below was calculated utilizing the AI (Widen Duvall) Alternative combined with each of the North-South Alignment Alternatives.

Length of Connector Improvement	3.75 Miles	3.75 Miles	3.75 Miles	4.25 Miles	4.25 Miles	4.25 Miles	4.45 Miles
Construction Cost Estimate (in millions)	\$37.5	\$37.5	\$37.5	\$40.1	\$40.1	\$40.1	\$40.9
Real Estate Cost Estimate (in millions)	\$4.9	\$6.4	\$5.7	\$7.3	\$6.6	\$5.2	West: \$6.5 Equally: \$6.1 East: \$5.2
Total Cost Estimate (in millions)	\$42.4	\$43.9	\$43.2	\$47.4	\$46.7	\$45.3	West: \$47.4 Equally: \$47.0 East: \$46.2