

Segments 1 & 2 Alternatives Evaluation Matrix

S.R. 710 from U.S. 441 to the west end of the L-63N Canal bridge

		Segments 1 & 2 Combined							
		U.S. 441 to the west end of the L-63N Canal							
		Alternative 1-2A Urban Typical South Extension Alignment	Alternative 1-2B Urban Typical Centered Extension Alignment	Alternative 1-2C Urban Typical North Extension Alignment	Alternative 1-2D Urban / Suburban Typical Centered Extension Alignment				
		Segment Length = 3.2 mi.	Segment Length = 3.1 mi.	Segment Length = 3.4 mi.	Segment Length = 3.1 mi.				
		High Speed Urban Roadway 50 mph Design Speed		High Speed Urban Roadway 50 mph Design Speed		High Speed Urban Roadway 50 mph Design Speed	High Speed Suburban Roadway 55 mph Design Speed		
No Build									
Right of Way Width Required		136 ft.		136 ft.		136 ft.		136-182 ft.	
Relocations									
Residences	0	4	5	1	5				
Businesses	0	0	2	0	2				
FP&L Transmission Line	0	0	0	0	0				
Engineering Issues									
Save Existing Pavement	Yes	No	No	No	Yes				
Design Variation	No	No	No	No	Border				
Natural, Environmental & Physical Impacts									
T & E Species Impacts	None	Low	Low	Low	Low				
Potential Contamination Sites	None	1 High	1 Medium	1 High	1 Medium				
Wetlands (Ac)	0	0.38	0.70	1.60	0.70				
Noise Impacts	None	Rest Home, 8 Residences	Rest Home, Church, 14 Residences	Rest Home, 1 Residence	Rest Home, Church, 16 residences				
Social & Neighborhood Impacts	None	Low	Medium	Low	Medium				
Estimated Costs in Millions (Present Day Costs)									
Design (\$1,200,000 per mile)	No Cost	\$3,895,200	\$3,680,400	\$4,117,200	\$3,680,400				
Road Right of Way	No Cost	\$7,233,100	\$10,998,500	\$5,514,400	\$12,047,500				
Pond Right of Way	No Cost	\$3,245,700	\$4,564,800	\$3,464,800	\$4,564,800				
Major Utility Relocation	No Cost	\$0	\$0	\$0	\$0				
Wetland Mitigation	No Cost	\$38,000	\$70,000	\$159,000	\$70,000				
T & E Species Mitigation	No Cost	\$0	\$0	\$0	\$0				
Roadway Construction	No Cost	\$32,791,121	\$31,968,701	\$34,663,374	\$27,257,893				
CEI (15% of Construction)	No Cost	\$4,918,668	\$4,795,305	\$5,199,506	\$4,088,684				
Total Cost	No Cost	\$52,122,000	\$56,078,000	\$53,118,000	\$51,709,000				

Costs in this matrix are present day costs as of January 2010