

# WILLOWCREEK ROAD EXTENSION

## DRAFT ALTERNATIVES SCREENING



CRITERIA	ALTERNATIVES							
	No-Build	A	A-1	A-2	B	C	C-1	Willowcreek Rd (Existing Infrastructure)
<b>PURPOSE AND NEED CONSIDERATIONS</b>								
Does alternative provide connectivity between Valparaiso and downtown Portage?	N	Y	Y	Y	Y	Y	Y	
Does the alternative provide west central Porter County communities with direct access to I-80/I-90?	N	Y	Y	Y	Y	Y	Y	
Does the alternative address alleviating congestion from surrounding corridors?	N	Y	Y	Y	Y	Y	Y	
Will the infrastructure be designed to effectively handle anticipated AADT?	N	Y	Y	Y	Y	Y	Y	
<b>ENVIRONMENTAL CONSIDERATIONS</b>								
Right-of-Way (Total Acres)	0.0	59.4	55.2	54.6	55.8	59.9	65.7	
Business Relocations	0	0	2	0	1	0	0	
Residential Relocations	0	3	0	5	2	1	3	
Noise Impacted Receivers	0	Y	Y	Y	Y	Y	Y	
Potential Hazardous Material Sites	0	2	2	2	3	0	2	
Adjacent Porter County Cultural Resources	0	4	2	2	1	1	2	
Section 4(f) Property Use	0	2	2	2	2	2	2	
Farmland Impacted (Total Acres)	0.0	45.8	44.6	38.0	36.9	46.4	49.8	
Forest Impacts (Net Loss In Acres)	0	2.0	0.5	0.0	6.0	4.0	1.1	
Stream Crossings	0	6	4	3	3	1	2	
Stream Channel length within Construction Limits (Total Linear Feet)	0	846	507	326	340	100	200	
Wetland Impacts (Total Acres) (From NWI Layers)	0.00	0.85	0.35	0.44	3.42	1.29	3.7	
<b>ENGINEERING CONSIDERATIONS</b>								
Constructability (High, Medium, or Low)	N/A	Medium	Medium	Medium	High	High	High	
Estimated Total Cost (Million \$)	N/A	\$28.42	\$27.88	\$27.62	\$28.19	\$28.50	\$31.55	
Length (Total Miles)	N/A	4.90	4.55	4.50	4.60	4.90	5.42	
New Construction (Total Miles)	N/A	3.83	3.20	1.26	3.96	4.79	5.18	
Structure Length (Total Feet)	N/A	395	395	395	395	395	395	

ND = Not Determined N/A = Not Applicable