

Summary of Impacts

No-Build

City East Alternative

City West Alternative
(Preferred Alternative)

Township Alternative

Potential Impacts:

Social	Public Recreational Land Impacts	None	1	1	0
	Neighborhoods / Subdivision Impacts	0	3	3	3
	Community Facilities (Churches, Schools etc.) (#)	0	1 Church, requires property from school district	1 Church, requires property from school district	Requires property from school district
Relocations	Estimated Residential Relocations (#)	0	155	129	56
	Estimated Commercial Relocations (#)	0	34	30	29
	Existing Detroit Edison Substation	No	Yes	Yes	No
River/Stream/Drain Crossings (#)		0	2	2	3
Ecological Resources	Total Wetland Impacts (acres)	0	4.36	4.36	10.16
	Threatened and Endangered Species Impacts	0	0	0	0
Cultural Resources	Historic Buildings/Site Impacts (#)	0	0	1	0
	Archaeological Site Impacts (#)	0	0	0	0
Noise	Residences Impacted by noise levels that exceed noise abatement criteria	101	73	45	66
Potential Contaminated Site Impacts (# of Sites Impacted)		0	20	20	10
Traffic Movement	Grade Separations (#)	8	9	8	15
	New or Modified Signalized Intersections/Roundabouts (#)	0	9	8	6
	Local Road Closures, Rerouting, or Cul de Sacs (#)	0	13	11	6
Right-of-Way	CBP plaza space (including existing plaza re-use) (acres)	18	67	65	103
	Total new right-of-way required (acres)	0	139	131	195
Cost	Construction Cost (\$2007 Millions)	\$0	\$237	\$232	\$244
	Right-of-Way Cost (\$2007 Millions)	\$0	\$150	\$158	\$150
	Total Construction and Right-of-Way Cost (\$2007 Millions)	\$0	\$387	\$390	\$394
	Contingencies Cost (\$2007 Millions)	\$0	\$44	\$43	\$47
	Total Estimated Cost (\$2007 Millions)	\$0	\$431	\$433	\$441

Blue Water Bridge Plaza Study

