

Administration

		CANADIAN SUMMARY					
CROSS	ING						
X-10A	X-10B	X-10A/PLAZA A	X-10B/PLAZA A	X-10B/PLAZA B			
0	0	7	9	12			
0	0	21	21	23			
0	0	67	70	36			
3	2	0	0	1			
0	0	1-SOCIAL FEATURE (INSTITUTIONALJ-ERIE WILDLIFE RESCUE	1-SOCIAL FEATURE (INSTITUTIONAL)-ERIE WILDLIFE RESCUE	1-SOCIAL FEATURE (INSTITUTIONAL)-ERIE WILDLIFE RESCUE			
Yes	Yes	No	No	Yes			
2	2	0	2	5			
0	0	6	6	8			
0	0	0	0	O			
0	0	6	6	6			
0	0	1- OJIBWAY PARK (0.7 ha)	1 - OJIBWAY PARK (0.7 ha)	1- OJIBWAY PARK (0.7 ha)			
0	0	2.9 ha TALLGRASS PRAIRIE, 0.2 ha FISH, BUTLER GARTERSNAKE	2.9 ha TALLGRASS PRAIRIE, 0.2 ha FISH, BUTLER GARTERSNAKE	2.9 ho TALLGRASS PRAIRIE 0.2 ho FISH, BUTLER GARTERSNAKE			
30,100	30,100	30,100	30,100	30,100			
DGE LENGTH COMPLEXITY, NTAMINATED	CONTAMINTED SOILS, UTILITIES	POWER STATION/LITILITIES, RAIL LINE	POWER STATION/UTILITIES, RAIL LINE	POWER STATION/UTILITIES, RAIL LINE			
DNTAMINATED		0	AND NOX IN VICINITY OF ROADWAY, AND PLAZA.				

Detroit River International Crossing Study
Evaluation of Practical Alternatives
Supporting Data - Alternative 04

				Interchange	Plaza	Crossing X10A	Crossing X10B
Evaluation Factor	Performance	Measure Category	Description/Units				
		Streets Closed (permanently)	Number	9	see Public Safety	0	0
		Streets Crossed	Number	12	see Public Safety	2	2
1	Traffic Impacts	Streets Rerouted	Number	3	see Public Safety	0	0
	france impacts	Streets with Interchange	Number	2	see Public Safety	NA	NA
		Raillines Crossed	Number	5	see Public Safety	1	2
		Frontline Exposure	Number of dwelling units exposed	107	101	0	0
	Noise	Significant Receptors ¹ Exposures	Number /Specify	7	2	2	2
	Community Cohesion/ Character	Positive/Negative/Neutral		Neutral ⁵	Neutral ⁵	Neutral ⁶	Neutral ⁶
		Residential Units	Occupied	171	151	0	0
			Vacant	1	4	0	0
		Residential Population	Number	419	370	0	0
		Business Units	Active	25	18	3	2
			Vacant	16	11	0	0
	Potential Acquisition	Estimated Employees in affected Census Blocks ²	Number	90-130	281	151	100
	r oterniai Acquisition		Schools - Partial take Parking Lot	1	0	0	0
			Senior Service Facilities	0	0	0	0
			City/Government Facilities	0	2	0	0
		Other Land Uses Affected ³	Places of Worship	4	3	0	0
			Medical Facilities	0	0	0	0
			State/Federal Government Facilities	0	1	0	0
			Community Services/Parks	0	0	0	0
Protect Community /			Vacant	0	0	0	0
Neighborhood			EJ Population (non poverty)	6757 American Indian.	1524 African American.	490 African American,	490 African American.
Characteristics	Environmental Justice / Title VI	EJ Populations in affected Census Block Groups	Population Groups Affected	American Indian, Hispanic	American American, American Indian,	American American, American Indian,	American Indian,
			% Households in Poverty / Above or Below 9.9% Regional Threshold ⁵	33.7%/Above	39.6%/Above	36.2%/Above	36.2%/Above
			Households in poverty	953	296	76	76
		Title VI Groups in Census Tracts	Presence of Regionally Prominent Ancestral Groups	None	None	None	None
	Public Safety/ Security (Plaza & Crossing)	Proximity to Industry ⁶	Number of heavy industry businesses w/i 1/2 mile	N/A	3	3	3
			Number of medium industry businesses w/i 1/2 mile	N/A	6	1	1
			Number of light industry/office businesses w/i 1000ft/300m	N/A	4	0	0
		Proximity to Residential / Retail	Number of residences w/i 500ft/150m	N/A	49	16	13
			Number of businesses w/i 500ft/150m	N/A	10	4	4
		Proximity to Hazardous Materials	Number of EPA/DEQ Hazmat TSD Facilities w/i 500ft/150m	N/A	0	0	0
		Emergency Response	Distance to nearest fire station (mi)	N/A	0.6	0.14	0.14
			Distance to nearest police station (mi)	N/A	0.9	1.4	1.4
			Number of streets closed (perm.)	N/A	14	0	0
			Number of streets closed (during const.)	N/A	11	1	1
			Mainline Raillines Rerouted	N/A	2	0	0

1. Sensitive noise receptors are historic sites, medical facilities, parks, places of worship, schools, within fifty meters of an alignment, plaza, or crossing. Interchange: Old Landmark Church, Faith Tabernacle Church, New Beginning, El Abrigo Altsimo, Michigan Bell Bldg, Fort & Green Police Station

Plaza: Historic Fort Wayne & Southwestern High School

Flaza. Insidic For Universite & Outputwestein Ingli 251000
Crossing Alt. 1-13 are Historic Fort Wayne & Delray Park Public Boat Launch
2. Employee estimates provided by Tetrad Computer Applications and are based on employees per Census Block Group - proportionately disaggregated to the block level for blocks within or partially within plaza boundaries. Plazas have been field surveyed to determine occupancy status of businesses.

3. Potential Acquisitions

3. Potential Acquisitions
Interchange: Beard Early Learning Center, First Latin America, Detroit Friends Meeting Quakers, All Saints Church, Military Ave. Church
Plaza: Rademacher Recreation Center, Detroit Sewer and Water Department, New Day Church, Saint Paul AME, Abundant Life Apostolic Overcoming Holy Church, Family Independence Agency
4. The povery threshold for the SEMCOG Fegicin is 9.9%. Biolock groups with percentage of households living in poverly above 9.9% qualify as environmental justice communities.
PPO Receptors: Southwestern High School, Apt. Bidg @ Campbell and Fischer Service Dr., FL Wayne, Lemployment Office
5. Community Cohesion could/will be improved as a result of the master planning for the area relating to the urban fabric and how the crossing system fits with that fabric.
6. Plaza: (H) Mistersky Power Station, Detroit Thomas Edison Plant, Latarge (M) Anvin Meritor, Produce Terminal, Hascal Steel, Progressive Distribution Center, Bridgewater Interoirs, Yellow Trucking Crossing: (H) Zug Island, Lafarge, Detroit Thomas Edison (M) Yellow Trucking

Detroit River International Crossing Study Evaluation of Practical Alternatives Supporting Data - Alternative 04

Evaluation Factor	Performance Measure Category		Description/Units	Interchange	Plaza	Crossing X10A	Crossing X10B
Maintain Consistency w/Local Planning	Official Plans	Consistency	YES/NO	Yes	No	Yes	Yes
	Other Plans	Consistency	YES/NO	Yes1	Yes 1	Yes1	Yes1
	Environmental Sites	Leaking Undgrd. Stor. Tanks	Number	5	1	0	0
	Affecting Plan	EPA/DEQ Hazmat TSD Facility	Number	1	0	0	0
	Implementation	National Priority List (Superfund)	Number	0	0	0	0
	(single sites may have	RTK Cerclis (Superfund)	Number	2	2	1	1
	multiple designations)	Michigan Contaminated Site	Number	1	3	1	1

Residential-low-to medium density planned SE corner of PPO outline officially and unoffficially

1. Based on master planning being designed with community input as part of the D R I C Study.

Detroit River International Crossing Study Evaluation of Practical Alternatives Supporting Data - Alternative 04

				Interchange	Plaza	Crossing X10A	Crossing X10B
Evaluation Factor	Performance Measure Category		Description/Units				
	Above Ground Historic Resources	Historic Districts	Number	0	0	0	0
		Listed NRHP Sites/Structures	Number	0	0	0	0
		Listed SHRS Sites/ Structures	Number	0	0	0	0
		Locally Listed Sites/Structures	Number	0	0	0	0
Protect Cultural Resources		Potentially Eligible Sites/Str. ¹	Number	4	1	0	0
Protect Cultural Resources	Archaeology	Prev. Recorded Sites ²	Number	0	2	0	0
	Below Ground Resources ¹	Potential to Find/Record	High/Med/Low	Low	Medium	Medium	Medium
	Parkland	All Public Parks	Number/ Acres	0	1	0	0
		6(f) Parks	Number/Specify	0	0	0	0
		Coastal Zone Management	Number of Projects/Specify	0	0	0/0	0/0

1. Interchange: All Saints Church, 7800 W. Fort; Produce Terminal, 7201 W. Fort; Turnsteads (Fisher Body), 6307 W. Fort; Apartment Bldg, 760 Campbell. Plaza: St. Paul A.M.E. Church, 581-585 S. Rademacher

2. Plaza: 20WN382, King David's Lodge Cemetery-Jewish 1870 (dating and name of cemetery is believed to be in error. It is more likely the Detroit City Lodge (Jewish) Cemetery located "north of Fort Street west, about 3 miles from City Hall" [Polk's Detroit City Directory 1886:68]); 20WN6, Carsten Mound

Detroit River International Crossing Study Evaluation of Practical Alternatives Supporting Data - Alternative 04

				Interchange	Plaza	Crossing X10A	Crossing X10B
Evaluation Factor	Performance Measure Category		Description/Units				
		Floodplain	Number/Acres	C	0	3	(
		Surface Run Off	Acres	14	164	0	0
	Surface Water	Primary Streams ¹	Number/Specify	C	0	1: Detroit R.	1: Detroit R
		Secondary Streams ²	Number/Specify	C	0	0	(
		Other Water-crossings	Number/Specify	C	0	0	C
Protect The Natural	Groundwater	Municipal Wells	Number	C	0	0	(
Environment		Water In-takes	Number/Specify	C	0	0	(
Linvironment	Significant Habitat	Wetlands	Acres	C	0	0	C
		Fens / Bogs	Number/Acres	C	0	0/0	0/0
		Endangered Species ³	Potential Species	0/0	0	0/0	0/0
		Designated Wildlife Refuges	Number/Acres	C	0/0	0/0	0/0
	Prime/Unique Farmland	Farmland	Acres	C	0	0	(
	Mineral Resources	Salt /Limestone	Type/Specify	Salt	Salt	Salt	Sal

Notes:

1: Primary Streams are classified as water courses with an average width greater than 50ft/15m

2: Secondary streams are classified as water coursesles with an average width less than 50ft/15m.

3: Based on preliminary site investigation of the plaza sites (viewing from public access points), none of the plant or animal species listed as endangered species within the quads for this region are expected to occur within the boundaries of the plazas.

The crossings includes open portions of the Detroit River and nearshore areas where threatened, endangered, and special concern species are known to have been present. A summary of species with a potential to be present is provided below. This analysis and site investigation are preliminary in nature.

1 animal species listed by the State as Threatened is known to spawn upstream of the crossing corridor at Zug Island. 7 animal species listed by the State as Threatened, Endangered, or Special Concern have the potential to be present within specific habitats within or near the crossing corridor.