

Criteria:	Alternatives																	
	City Center Corridor						Existing Corridor						East A Corridor			No Action		
	Floating Movable Bridge	Fixed Span Bridge for all modes	Fixed Span Bridge with Existing for Bikes/Peds	Movable Bridge with Existing for Bikes/Peds	Movable Bridge for all modes	Tunnel with Existing Bridge for Bikes/Peds	Movable Bridge, Keep Existing for Bikes/Peds	Movable Bridge, all modes	Fixed Span Bridge with existing for bikes/peds	Fixed Span Bridge for all modes	Tunnel with Existing Bridge for Bikes/peds	Tunnel for all modes	ITS/Traffic Management/ Reversible Lane	Retrofit of Existing Bridge	Movable, all modes	Fixed Span Bridge with Existing for Bikes/Peds	Fixed Span Bridge for all modes	
Improve cross-river transportation of people and goods while accommodating standard-width river navigation																		
Vehicle miles traveled	M	M	M	M	M	H	L	L	L	L	M	M	L	L	M	M	M	L
Travel Time and Delay (Vehicle-hours)																		
Compliance with Roadway Geometric Standards (Y/N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
Compliance with Navigation Channel Guidelines (Y/N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N
Ability to Handle Peak Traffic Episodes	H	H	H	H	H	H	L	L	L	L	L	L	M	L	L	L	L	M
Commercial Goods Mobility (proximity to truck routes, truck trip generators, river navigation) – VMT & Travel Time	M	M	M	M	M	H	L	L	L	L	M	M	M	L	M	M	M	M
Bicycle and pedestrian mobility – Tied to VMT																		
Bike Commuters	M	M	L	L	M	L	L	L	L	L	L	H	L	L	H	L	H	H
Bike Other	L	L	L	L	L	L	L	L	L	L	L	H	L	L	M	L	M	H
Impacts to the natural, built, and aesthetic environment																		
Federally listed threatened and endangered fish species and habitat	H	M	H	H	M	M	H	M	H	M	M	L/M	L	M	M	H	M	L
Federally listed threatened and endangered wildlife and plant species and habitat – Proximity to Bald Eagles	L	L	L	L	L	L	L	L	L	L	L	L	L	L	M	M	M	L
Other fish, wildlife and plant species and habitat	M	M	M	M	M	M	L	L	L	L	L	L	L	L	H	H	H	L
Visual resources	L	L	M	M	L	L	M	L	H	L	L	L	L	L	M	H	M	L
Land use plan consistency – Review Plans	M	M	M	M	M	M	L	L	L	L	L	L	L	L	H	H	H	M
Critical lands – geotechnical report	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
Wetlands	L	L	L	L	L	L	M	M	M	M	L	L	L	L	M	M	M	L
Environmental Justice – Low Income and/or Minority Populations	L	L	L	L	L	L	L	L	L	L	L	L	L	L	M?	M?	M?	M?
Impacts to Recreation																		
Water-based recreation – Windsurfing, boating	H	H	H	H	H	L	L	L	L	L	L	L	L	L	M	M	M	L
Land-based recreation – Bird watching, picnicking, concerts, etc.	L	L	L	L	L	L	L	L	L	L	L	L	L	L	H	H	H	L
Park lands	L	L	L	L	L	L	L	L	L	L	L	L	L	L	H	H	H	L
Impacts to cultural and historic resources																		
Archaeological resources impacted (number and significance)	M	M	M	M	M	M	H	H	H	H	H	H	L	H	M	M	M	L
Historic resources impacted (number and significance)	H	H	M	M	H	M	H	H	H	H	H	H	L	H	M	L	M	L
In lieu fishing sites	M	M	M	M	M	M	M	M	M	M	M	M	L	M	M	M	M	L
Financially acceptable and supports local economic development																		
Cost range without mitigation (Additional costs could include environmental mitigation, ROW acquisition, etc.)	L	L	M	H	L	H	M	L	L	L	H	H	L	L	L	L	L	N/A
Operating/Maintenance Costs	H	L	L	H	M	H	H	M	M	L	L	H	M	H	M	M	L	H

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	Impact Ratings of Alternatives													East A Corridor			No Action	
	City Center Corridor						Existing Corridor											
Floating Movable Bridge	Fixed Span Bridge for all modes	Fixed Span Bridge with Existing for Bikes/ Peds	Movable Bridge with Existing for Bikes/ Peds	Movable Bridge for all modes	Tunnel with Existing Bridge for Bikes/Peds	Movable Bridge, Keep Existing for Bikes/Peds	Movable Bridge, all modes	Fixed Span Bridge with existing for bikes/peds	Fixed Span Bridge for all modes	Tunnel with Existing Bridge for Bikes/peds	Tunnel for all modes	ITS/Traffic Management/ Reversible Lane	Retrofit of Existing Bridge	Movable, all modes	Fixed Span Bridge with Existing for Bikes/Peds	Fixed Span Bridge for all modes		
Impacts to local business and economy	H	M	M	M	M	L	L	L	L	L	L	L	L	L	L	L	L	L
Consistency with Local Plans and Policies (other than land use)	M	M	M	M	M	M	L	L	L	L	M	M	L	M	M	M	L	L
Impacts to economic development – both positive and negative	L	L	L	L	L	M	L	L	L	M	M	H	L	M	M	M	H	H
Construction Impacts	M	L	L	L	L	M	M	M	M	H	H	M	H	L	L	L	L	M
Home/business displacements	M	M	M	M	M	H	L	L	L	H	H	L	L	L	L	L	L	L
Integrity of the Interstate highway system																		
Interchange level-of-service	M	M	M	M	M	M	M	M	M	M	M	H	M	L	L	L	L	H
Ramp queuing	M	M	M	M	M	M	M	M	M	M	M	H	M	L	L	L	L	H
Safety – accident reduction	M	M	M	M	M	M	M	M	M	M	M	H	M	M	M	M	M	H
ADVANCE THIS ALTERNATIVE? (Staff Rec.)	No	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes	No	No	No	Yes	No	No	Yes	Yes
LAC Recommendation	No	Yes	No	No	No	Yes*	No	No	No	Yes	No	No	No	Yes*	No	No	Yes	Yes
SC Recommendation	No	Yes	Yes+	No	No	Yes+*	No	No	No	Yes	No	No	No	Yes+	No	Yes+	Yes	Yes

*With Reservations
+Existing Bridge reconstructed as a fixed span bridge

Legend
H = High impact: A high level of adverse impacts is likely and mitigation measures to offset the impacts would be extensive or very expensive.
M = Moderate impact: A moderate level of adverse impacts is likely and mitigation measures and costs would be feasible or practical.
L = Low impact: There is a low potential for adverse impacts and little or no mitigation may be necessary.