

SCREENING MEASURES AND RESULTS - ENVIRONMENTAL



		No Action	8-Lane C/D Reasonable Alternative		10-Lane GP Reasonable Alternative		10-Lane C/D Reasonable Alternative
			3 main lanes + 1 C/D lane widening (each direction)		3 main lanes + 2 main lane widening (each direction)		3 main lanes + 2 C/D lane widening (each direction)
Goals	Measures		West	East	West	East	
Community Impacts	ROW (acres)	None	7.5	8.7	8.6	8.9	9.0
	Parcels (count)	None	39	47	48	46	46
	Displacements (count)	None	16 Total • 5 Residential • 5 Commercial • 6 Billboards	17 Total • 5 Residential • 6 Commercial • 6 Billboards	20 Total • 5 Residential • 8 Commercial • 7 Billboards	19 Total • 5 Residential • 7 Commercial • 7 Billboards	19 Total • 5 Residential • 7 Commercial • 7 Billboards
	EJ / LEP	None	All EJ/LEP impacts same between Reasonable Alternatives: • 6 displacements in EJ/LEP areas: 5 residential and 1 commercial • Decent, safe and sanitary replacement housing available (8 homes for sale, 8 rentals, 33 Section 8 properties) • ROW and property acquisition to follow Uniform Relocation Act • No anticipated impacts to community cohesion • Ramping changes not anticipated to eliminate access • Sensitive noise receptors identified in EJ/LEP areas (6 schools, 1 church, 2 daycares, and 48 residential parcels in low income areas; 6 schools, 1 church 2 daycares, and 96 residential parcels in high minority areas) for all Reasonable Alternatives; mitigation anticipated to be possible (e.g., noise walls if determined feasible and reasonable and voted on by adjacent property owners) • Beneficial impacts to mobility, safety and E-W connectivity for EJ/LEP populations				
Cultural Resource Impacts	Cultural Resources ^{1, 2}	None	No anticipated impacts to recorded archeological sites. One NRHP-eligible historic property (Site #18 – Locust St. Bridge over UPRR) would be impacted by the Reasonable Alternatives. Number of areas along existing and proposed ROW determined to have a high probability for archeological resources similar for all Reasonable Alternatives (36 areas).				
Natural Resource Impacts	Parks (name / acres) ¹	None	North Shore Riverwalk / 1.4	North Shore Riverwalk / 1.6	North Shore Riverwalk / 1.5	North Shore Riverwalk / 1.4	North Shore Riverwalk / 1.7
			Julius Breckling Riverfront Park / 0.7	Julius Breckling Riverfront Park / 0.5	Julius Breckling Riverfront Park / 1.0	Julius Breckling Riverfront Park / 0.5	Julius Breckling Riverfront Park / 0.5
			William J. Clinton Presidential Center and Park / 0.3	William J. Clinton Presidential Center and Park / 0.5	William J. Clinton Presidential Center and Park / 0.3	William J. Clinton Presidential Center and Park / 0.4	William J. Clinton Presidential Center and Park / 0.4
	Parks (total / acres) ¹	None	2.4	2.6	2.8	2.3	2.6
	Waters (acres)	None	0.8	0.8	0.8	0.8	0.9
	Emergent Wetlands (acres)	None	0.3	0.3	0.3	0.3	0.3
	Forested/Shrub Wetlands (acres)	None	0.9	0.9	0.9	0.9	0.9
	Non-Maintained Herbaceous Vegetation (acres)	None	0.5	0.5	0.5	0.4	0.4
	Woodland Vegetation (acres)	None	1.3	1.3	1.9	1.9	1.9
Other Impacts	Hazardous Materials (count)	None	6	6	7	7	8
	Traffic Noise Receptors (count)	None	184 sensitive traffic noise receptors (churches, schools, daycares, residences) directly adjacent to ROW potentially impacted				
Public / Agency Input	Meeting comments (feedback from Public Meeting #3)	None	67% Favored		11% Favored		22% Favored

- Section 4(f) regulations govern the use of land from publicly owned parks, recreation areas, wildlife and waterfowl refuges, and public or private historic sites for Federal highway projects. Section 4(f) applicability to be determined during the NEPA process for impacts to parks and cultural resources.
- Cultural resources assessment to be completed in accordance with the CA0602 I-30 Cultural Resources Survey Methodology Memo (AHPP Tracking Number 90015.02). Memo coordinated with the Arkansas Historic Preservation Program, State Historic Preservation Officer; concurrence received 2/6/15.