

# Proposed Ohio River Bridge Impacts Matrix



U.S. Department of Transportation  
Federal Highway  
Administration



State Project: S205-2/23-0.00 00  
Federal Project: HPP-0223(003)D  
PID: 79353

		No-Build Alternative	Alternatives							
			2		2B		8		8B Preferred Alternative	
			WV	Ohio	WV	Ohio	WV	Ohio	WV	Ohio
Natural Resources	Forest Impacts	0	66.31 acres	0.22 acres	66.31 acres	3.32 acres	41.58 acres	1.1 acres	41.58 acres	3.16 acres
	Farmland Impacts	0	0.37 acres	0.00 acres	0.37 acres	0.00 acres	0.00 acres	0.00 acres	0.00 acres	0.00 acres
	Wetland Impacts <sup>1</sup>	0	0.00 acres	0.00 acres	0.00 acres	1.77 acres	0.00 acres	0.82 acres	0.00 acres	2.95 acres
	100-year Floodplain Impacts <sup>2</sup>	0	0.54 acres	6.04 acres	0.54 acres	10.34 acres	0.21 acres	4.48 acres	0.21 acres	10.97 acres
	Waste Sites	0	0	4	0	4	0	4	0	4
Cultural Resources	Historic Resources	0	0	0	0	0	0	0	0	0
	Archaeological Sites	0	0	0	0	0	0	0	0	0
	Section 4(f) Impacts (each)	0	1	0	1	0	1	0	1	0
Community Impacts	Residential Takes (each)	0	0	0	0	0	0	0	0	0
	Business Takes (each)	0	0	1	0	1	0	0	0	0
	Other Takes (each)	0	0	0	0	0	0	0	0	0
	ROW Acquisitions (Residential)	0	0.0 acres	0.0 acres	0.0 acres	0.0 acres	0.0 acres	0.0 acres	0.0 acres	0.0 acres
	ROW Acquisitions (Commercial)	0	0.1 acres	4.2 acres	0.1 acres	4.6 acres	0.1 acres	2.8 acres	0.1 acres	4.3 acres
	ROW Acquisitions (Other)	0	43.5 acres	0.0 acres	43.5 acres	0.0 acres	46.5 acres	0.0 acres	46.5 acres	0.0 acres
Miscellaneous	Minimum Navigational Clearance	0	800 feet		800 feet		800 feet		800 feet	
	Travel Distance/Time from Wellsburg to Brilliant	19 Miles/ 29 Min.	2 Miles/3.2 Min.		2 Miles/3.2 Min		2 Miles/3.2 Min		2 Miles/3.2 Min	
	Construction Estimate (2011 Dollars)	\$0	\$96.0M		\$116.8M		\$96.4M		\$124.6M	
	Right of Way Estimate (2011 Dollars)	\$0	\$2.01M		\$2.02M		\$1.44M		\$1.46M	

Note 1: Wetland Impacts do not include the Ohio River which is considered a Water of the United States and is listed on the National Wetland Inventory (1971).

Note 2: Based on conservative estimate. See Environmental Assessment Section 3.3.1 for details.

August 2012