

## APPENDIX C

### Table 1: Summary of Potential Environmental Impacts and Mitigation

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Resource	Potential Impacts		Agency/Permits	Mitigation
	No Action Alternative	Alternative I		
Topography, Geology and Soils	No Impact	No significant impact. Short term impacts of soil disturbed during construction, minor long term impacts to area graded for bridge	NYSDEC, NYSDOT, USACE, APA	Best management practices for erosion and sediment control. Disturbed areas will be restored, graded, and seeded.
Land Use and Zoning	No Impact	Minor short term impacts.	APA	N/A
Water Resources and Water Quality	Negative Impact	Any short term impacts during construction would be mitigated by good construction practices, positive impact long-term	APA, NYSDEC, USACE	Compliance with permit conditions to avoid long-term impacts
Wetlands	No Impact	Any short term impacts during construction would be mitigated by good construction practices, no impact long-term	APA, NYSDEC, USACE	Compliance with permit conditions to avoid long-term impacts. Best management practices for erosion and sediment controls.
Floodplains	Potential negative impacts due to bridge failure	Positive impact		N/A
Vegetation	No Impact	No significant impact. Short term impacts of vegetation removal during construction		Reseeding and mulching of disturbed areas
Wildlife and Fisheries Habitat	No Impact	Any short term impacts during construction would be mitigated by good construction practices, positive impact long-term		N/A
Threatened and Endangered Species and Critical Habitat	No Impact	No impact with conditions of time frame of work completed	NYS NHP, USFWS	Conditions for bat reporting and avoidance of tree cutting between March 31 and September 30
Cultural Resources	No Impact	No Impact	SHPO, THPO	N/A
Aesthetic and Visual Resources	Long Term Impact	Short term impacts during construction. No significant impact from tree removal		Restoration of site with seed/mulch. New bridge compatible with aesthetics in area
Socioeconomic Resources	Potential long term impacts	Short term positive impacts during construction		Construction of a new bridge.
Environmental Justice	No Impact	No Impact		N/A
Air Quality	No Impact	Short term impacts during construction	NYSDOT	Best Management practices for dust and emissions control
Contaminated Materials	No Impact	No Impact		Best management practices.
Noise	No Impact	Short term impacts during construction		Use of manufacturer specified noise reduction equipment during construction
Traffic	No Impact	Short term impacts during construction	NYSDOT	Compliance with NYSDOT Regulations.
Infrastructure	No Impact	No impact		N/A
Public Health and Safety	Potential long term negative Impact	Positive impact		Compliance with Federal, State, and local safety standards.
Climate Change	No Impact	No Impact		N/A
Cumulative Impacts	No Impact	No Impact		N/A