

**ST. CROIX RIVER CROSSING PROJECT
SUMMARY OF PREFERRED ALTERNATIVE MITIGATION ITEMS ---- IMPLEMENTATION STATUS**

	Estimated/Proposed Mitigation Package (1)	Agency Responsible (2)	Implementation Schedule (3)	Implementation Status (6)	Contract/Agreement
Standard Practice Mitigation Items (see Section 15.4.1.1 of the SFEIS)					
Wetland replacement	Applicable	Mn/DOT, WisDOT, FHWA	During construction		Construction contract
Zebra mussel decontamination protocol used during construction	Applicable	Mn/DOT, WisDOT, FHWA	During construction		Construction contract
Mussel relocation/Dotted Blazing Star relocation (4)			Prior to construction	10% -Mussel work planned for 2012, if permitted	Construction contract
Erosion control/turf establishment	\$50,000	Mn/DOT, WisDOT, FHWA	During construction		Construction contract
Riverway Impacts - Preferred Alternative Mitigation Measures (see Section 15.4.1.2 of the SFEIS)					
Removal of Xcel barge unloading facility and mooring cells	\$1,100,000	Mn/DOT, WisDOT, FHWA	During construction		MOU between Mn/DOT and Xcel
Mitigation for damages to bluffs					
- Land protection by WDNR and/or local governments through purchase, transfer or easements	\$4,500,000	WisDNR, St. Croix County	Prior to construction	80% complete - agreements drafted	Joint powers agreements between Mn/DOT, WisDNR and St. Croix County
Bluffland restoration – removal of Buckhorn sign, partial restoration of Wisconsin approach (removal of pavement from east end of bridge to STH 35 and portions of CTH E)	\$60,000	Mn/DOT, WisDOT, FHWA	During construction		Construction contract
Removal of Terra Terminal building including solid waste removal	\$100,000	Mn/DOT, WisDOT, FHWA	Prior to construction	100 % completed in 2007	Construction contract
Kolliner Park: removal of non-historic elements to allow reversion to “natural state”	\$6,000	Mn/DOT, WisDOT, FHWA and SHPOs	During construction		Construction contract
Riverway interpretation (kiosks for interpretation of natural/cultural resources)	\$300,000	NPS, MnDNR, WisDNR - consultation with SHPOs	During construction		Joint Powers Agreement with Mn/DOT and NPS (lead agency)
Public boat access (locational study, environmental study and wetland mitigation by MnDNR)	\$1,200,000	MnDNR	During construction		Interagency Agreement with Mn/DOT and MnDNR
Completion of loop trail system including grading of the municipal barge facility property	\$2,000,000	Mn/DOT, WisDOT, FHWA (construction of trail)	During construction		Construction contract - ownership and maintenance agreement yet to be determined
Recreation, education, and Riverway restoration	\$250,000	NPS	During construction		Joint Powers Agreement with Mn/DOT and NPS
Covenants on excess property owned by WisDOT (Buckhorn Ravine, closed rest area, east of STH 35) Estimated lost value = \$466,000 (5)	\$0	Mn/DOT, WisDOT, FHWA	After construction		Property deed
Spill response plan	\$100,000	NPS	During construction		Joint Powers Agreement with Mn/DOT and NPS
Growth Management Mitigation Items (see Section 15.4.1.3 of the SFEIS)					
Growth management fund					
- Water resources planning/protection	\$2,700,000	WisDNR, St. Croix County, UW-River Falls	Prior to construction	80% complete - agreements drafted	Joint powers agreements between Mn/DOT, WisDNR, St. Croix County, and UW-River Falls.
- Local government planning/zoning support					
- Greenspace protection program					
Transit feasibility study	DOT staff support only	Mn/DOT	After record of decision (ROD); prior to construction	100% - completed in 2008	Interagency agreement between Mn/DOT and Metropolitan Council
Water quality memorandum of understanding (MOU) - water quality permitting	--	Mn/DOT	Prior to construction	30% - complete WQMAC established	Mn/DOT MOU with MPCA and St. Croix Basin Team Members
Historic Resources Impacts - Preferred Alternative Mitigation Measures (refer to Amended Section 106 MOA in Appendix G of the SFEIS)					
Design and construction review: SHPO Review of all final designs affecting NRHP properties	Included in design	SHPOs	Prior to and during construction		Section 106 Amended MOA
Lift Bridge					
- Mn/DOT continues ownership, maintenance and operations of Lift Bridge	--	Mn/DOT	Ongoing		Section 106 Amended MOA
- Establish Stillwater Lift Bridge Advisory Committee	--	Mn/DOT, WisDOT, FHWA	Prior to construction	100% completed in 2009	Section 106 Amended MOA
- Perform condition assessment. Develop operations and maintenance manual	--	Mn/DOT	Prior to construction	100% completed in 2009	Section 106 Amended MOA
- Develop Lift Bridge Management Plan	--	Mn/DOT, WisDOT, FHWA	Prior to construction	100% completed in 2009	Section 106 Amended MOA
- Establish endowment fund for operation and maintenance	\$3,000,000	Mn/DOT, WisDOT, FHWA	During construction	50% complete - Endowment Acct. established in 2009	Section 106 Amended MOA
- Capital improvements with conversion to pedestrian/bicycle facility	Funding committed to under Statewide Historic Bridge Management Plan	Mn/DOT, FHWA	After construction		Section 106 Amended MOA
Log Cabin Restaurant - parking lot design and construction	\$250,000	Mn/DOT, WisDOT, FHWA	During construction		Grant agreement between Mn/DOT and OPH for construction
Bergstein Shoddy Mill and Warehouse – Potential items include: additional documentation, move or demolition of Shoddy Mill and Warehouse	\$200,000 (moving cost estimate)	Mn/DOT, MnSHPO	Prior to construction	90% complete, pending Corp of Engineers permit	Section 106 Amended MOA
St. Croix Overlook-South					
- Restore Overlook as directed in Roadside Restoration Report (2005)	\$656,000	Mn/DOT, WisDOT, FHWA	During construction		Construction contract
- Develop management plan for maintenance and rehabilitation	\$50,000	Mn/DOT	Prior to construction	100% completed in 2011	Section 106 Amended MOA
- Mn/DOT retains ownership of site	--	Mn/DOT	During construction		Construction contract
Stillwater Commercial Historic District					
- Enhanced signage from new bridge and roadways to downtown Stillwater	Included in signage package	Mn/DOT, WisDOT, FHWA	During construction		Construction contract
- Construction communication plan	Included in construction costs	Mn/DOT, WisDOT, FHWA	During construction		Construction contract
- Optimize parking on Chestnut and Main Streets	--	Mn/DOT, WisDOT, FHWA	After construction		Section 106 Amended MOA
- Provide parking lot at old STH 35/64 and loop trail in Wisconsin	Included in loop trail costs	Mn/DOT, WisDOT, FHWA	During construction		Construction contract
Stillwater Cultural Landscape District					
- Complete and distribute illustrated study of Cultural Landscape District	\$50,000	Mn/DOT, WisDOT, FHWA, and SHPOs	Prior to construction	60% complete - draft of study	Section 106 Amended MOA
South Main Archaeological District					
- Develop a condition assessment and stabilization report for loop trail construction	\$300,000	Mn/DOT	Prior to construction		Section 106 Amended MOA
- Protect and stabilize Hersey and Bean Archaeological Site prior to use for staging	Included in construction costs	Mn/DOT, WisDOT, FHWA	During construction		Construction contract
- Avoid and minimize effects to historic resources in design of loop trail	Included in design	Mn/DOT, WisDOT, FHWA	During construction		Section 106 Amended MOA
Kriesel Farmstead					
- Construction of berm based on concepts presented in Visual Quality Manual	Included in construction costs	Mn/DOT, WisDOT, FHWA	During construction		Section 106 Amended MOA
National Register of Historic Places (NRHP) Nominations					
- Log Cabin, Bergstein Shoddy Mill and Warehouse, St. Croix Overlook-South, South Main Archaeological District, Thelen Farmstead, Kriesel Farmstead	\$20,000	Mn/DOT, WisDOT	Prior to construction	100% - completed in 2007	Section 106 Amended MOA
Lift Bridge publication (illustrated book on Lift Bridge)	\$50,000	Mn/DOT, WisDOT	During construction		Section 106 Amended MOA
Develop field guide to Stillwater Cultural Landscape District (includes St. Croix Overlook-South)	\$10,000	Mn/DOT	During construction		Section 106 Amended MOA
Visual Enhancements (see Section 7.4.4 of the SFEIS)					
Visual enhancements: implementation of the Visual Quality Manual - increase allowable aesthetic costs	Included in construction costs	Mn/DOT, WisDOT, FHWA	During construction		Construction contract

- (1) Funding for mitigation to be provided by the project, through the transportation agencies (FHWA, Mn/DOT, WisDOT).
- (2) Agency responsible for implementation of the mitigation item.
- (3) Implementation schedule details provided in Section 15.4.1 of the SFEIS, Memorandum of Agreement and Memorandum(s) of Understanding.
- (4) Costs associated with this item are included in construction costs and not in the mitigation total for the Preferred Alternative.
- (5) Estimate of excess right of way available for resale is 46.6 acres. At \$10,000/acre difference in sale value between developed and undeveloped land, amount of lost revenue for Preferred Alternative = \$466,000.
- (6) See Annual Project Summary Reports for details on implementation