

**TABLE 15-2  
ST. CROIX RIVER CROSSING PROJECT  
SUMMARY OF PREFERRED ALTERNATIVE MITIGATION ITEMS**

	Estimated Proposed Mitigation Package (1)	Agency Responsible (2)	Implementation Schedule (3)	Contract/Agreement
<b>Standard Practice Mitigation Items (see Section 15.4.1.1 of this SFEIS)</b>				
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)	\$50,000	Mn/DOT, WisDOT, FHWA	Prior to construction	Construction contract
Erosion control/turf establishment	Applicable	Mn/DOT, WisDOT, FHWA	During construction	Construction contract
<b>Riverway Impacts - Preferred Alternative Mitigation Measures (see Section 15.4.1.2 of this SFEIS)</b>				
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 bluffslands				
- Land protection by WDNR and/or local governments through purchase, transfer or easements	\$4,500,000	WisDNR, St. Croix County	180 days after record of decision (ROD) as stipulated in Growth Management MOU	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	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	After 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	After 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
<b>Growth Management Mitigation Items (see Section 15.4.1.3 of this SFEIS)</b>				
Growth management fund				
- Water resources planning/protection	\$2,700,000	WisDNR, St. Croix County, UW-River Falls	180 days after record of decision (ROD) as stipulated in Growth Management MOU	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	Interagency agreement between Mn/DOT and Metropolitan Council
Water quality memorandum of understanding (MOU) - water quality permitting	--	Mn/DOT	Prior to construction	Mn/DOT MOU with MPCA and St. Croix Basin Team Members
<b>Historic Resources Impacts - Preferred Alternative Mitigation Measures (refer to Amended Section 106 MOA in Appendix G of this SFEIS)</b>				
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	During construction	Section 106 Amended MOA
- Perform condition assessment. Develop operations and maintenance manual	--	Mn/DOT	During construction	Section 106 Amended MOA
- Develop Lift Bridge Management Plan	--	Mn/DOT, WisDOT, FHWA	During construction	Section 106 Amended MOA
- Establish endowment fund for operation and maintenance	\$3,000,000	Mn/DOT, WisDOT, FHWA	Prior to construction	Section 106 Amended MOA
- Capital improvements with conversion to pedestrian/bicycle facility	Funding committed to under Statewide Historic Bridge Management Plan	Mn/DOT, FHWA	Prior to 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	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	--	Mn/DOT	Prior to construction	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	Section 106 Amended MOA
South Main Archaeological District				
- 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	Section 106 Amended MOA
Lift Bridge publication (illustrated book on Lift Bridge)	\$50,000	Mn/DOT, WisDOT	Prior to 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
<b>Visual Enhancements (see Section 7.4.4 of this SFEIS)</b>				
Visual enhancements: implementation of the Visual Quality Manual - increase allowable aesthetic costs	Included in construction costs	Mn/DOT, WisDOT, FHWA	During construction	Construction contract
<b>MITIGATION TOTAL FOR PREFERRED ALTERNATIVE</b>	<b>\$16,552,000</b>			

(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 this SFEIS.  
(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.