



Annual Project Summary Report

(March 1, 2015 through February 29, 2016)

This Annual Project Summary Report for the St. Croix Crossing Project is developed in accordance with the Amended Section 106 Memorandum of Agreement (MOA) and the Riverway Memorandum of Understanding (MOU) which are included in the 2006 Supplemental Final Environmental Impact Statement (SFEIS), the Re-evaluation of the SFEIS and the Federal Highway Administration's (FHWA) Record of Decision (ROD).

This report describes the actions taken by FHWA, MnDOT, WisDOT and other agencies between March 1, 2015, and February 29, 2016, to implement the St. Croix Crossing Project and the terms of the Amended MOA and Riverway MOU. This report has been distributed to the signatories of the MOA and MOU, interests and members of the Stakeholder Group. This report is also available on the project website www.mndot.gov/stcroixcrossing.

Major actions either ongoing or completed March 1, 2015 thru Feb. 29, 2016, include:

- River bridge substructure/superstructure (all work above the river surface)—portions complete/ongoing
- Minnesota Approach Bridges - portions complete/ongoing
- Minnesota Roadway—portions complete/ongoing
- Wisconsin Roadway—portions complete/ongoing
- Mitigation Items—items complete/ongoing

Construction work began in the spring 2013 and will continue, with an anticipated new bridge opening to traffic date in late 2017. The Lift Bridge will then be converted in 2018 and 2019.

Design Accomplishments

A) Roads:

- i. MnDOT: Ames/Lunda Joint Venture continued the design/build process of Highway 36 & Highway 95, including design refinements to roadways, utilities and stormwater systems.
- ii. WisDOT: Designers prepared final design plans and WisDOT held a letting on Dec. 10, 2015, for the third of three construction contracts. Trierweiler Construction & Supply Company, Inc. was awarded the contract in December 2015 for paving the new WIS 64 alignment from STH35 to 150th Avenue.

- B) Landscaping: MnDOT prepared final design plans for landscaping between the Osgood Avenue and TH 95. This is the second of 4 segments to be landscaped in Minnesota. A letting in October 2015 was held and Hoffman & McNamara Company was awarded the contract.
- C) Minnesota Loop Trail – segment from Sunnyside to Chestnut Street – designers are developing the final plans for the split trail segment, which includes the upper and lower trails. A letting was held in June of 2015, where Veit, Inc. was awarded the contract for the lower trail.
- D) Wisconsin Loop Trail – WisDOT continues to develop preliminary design plans for the loop trail from the Lift Bridge, up the hill, to STH 35. A December 2017 letting is being planned.
- E) Financial Management Plan – Annual update: completed by MnDOT and WisDOT.
- F) Permitting/agency approvals:
 - i. MnDOT/WisDOT requested and obtained permits, agency approvals and other documents to meet the project schedule.

Right of Way Accomplishments

- A) Minnesota and Wisconsin property acquisition activities occurred to allow the construction schedule to be met. All Right of Way for the roadways and new bridge has been acquired. Final real estate acquisitions for the loop trails and lift bridge conversion project are currently on-going.

Mitigation Package Accomplishments – Status of “During/After Construction” items

Riverway MOU related:

- A) *“Removal of Xcel barge unloading facility and mooring cells”* – Barge unloader wheel and structure removed in fall of 2014. The conveyor system up to building was planned to be removed in spring 2015, but high flood waters eliminated that opportunity. Therefore, the conveyor system removal is being planned for spring of 2016. The mooring cells will remain, to be used as a barge staging area, until they are removed in 2018.
- B) *“Completion of loop trail system...”* – Minnesota trail segment, the lower trail, from Sunnyside Marina entrance to Chestnut Street, was constructed in 2015. Minnesota trails adjacent to TH 95 and TH 36 were also constructed as part of the design/build portion. Wisconsin trail segments are 60% designed and 25% constructed.
- C) *“Covenants on excess property owned by WisDOT...”* – WisDOT began applying restrictive covenants on excess properties.

MOA related:

- A) *“Lift Bridge Related:”*
 - a. Lift Bridge Endowment Account: MnDOT provided \$3M in June 2014; another \$3M in February 2015 and WisDOT provided \$1.5M in October 2014 to meet Stipulation III.D.3 of the MOA.
 - i. Lift Bridge—Endowment Account’s Annual Report, dated December 2015 can be viewed at <http://www.dot.state.mn.us/govrel/reports.html>

- b. [Lift Bridge Conversion Project](#) – Developed the environmental document necessary for a May 2017 letting. Completed permitting activities with MnDNR and WisDNR for anticipated mussel impacts. Lift Bridge conversion design plans are currently at 60%.



- B) “*Stillwater Commercial Historic District*” – WisDOT developed a 30% design to provide a parking lot at the old STH35 and loop trail junction.
- C) “*South Main Archeological District*” - MnDOT used the condition assessment and stabilization report’s stabilization recommendations during the construction of the lower loop trail in 2015.
- D) “*Kriesel Farmstead*” – WisDOT constructed the berm in 2015.
- E) “*Lift Bridge Publication*” – Washington County Historical Society was hired in 2015, but the contract was terminated and a professional/technical services consultant is planned to be hired to complete the Lift Bridge Publication by the end of 2016. Because of this change of vendors, an amendment to the Amended Section 106 MOA was necessary in early 2016.
- F) “*Develop Field Guide to Stillwater Cultural Landscape District*” – Consultant team is working on sites, narratives and map. Expect distribution of Field Guild by April 2016.

See attached “Status of Cultural Resource Mitigation as of 2/3/16”. Also, the complete listing and the current implementation status of mitigation items is attached.

Construction Accomplishments:

- A. Superstructure for the new river bridge by Lunda/Ames Joint Venture:
- a. Minnesota’s 23 land piers – finished driving piling, footings and pier columns and began hanging segments.
<http://www.dot.state.mn.us/stcroixcrossing/pdf/approach.pdf> shows completion of 23 total land piers to full height. The MN Approach Bridge was either cast-in-place or pre-cast segments were placed onto these land piers during 2015, building the bridge “horizontally”.



- b. River Bridge – completed cross beams and pier tables on all 5 river piers. Towers on 3 out of the 5 piers were also completed in 2015. 140 pre-cast segments were lifted into place, building the bridge “horizontally” during 2015. 7 sets of cable stays were installed at Piers 8 & 9. See <http://www.dot.state.mn.us/stcroixcrossing/pdf/river-piers.pdf> for the progress on each river pier.



c. Casting Yards:

i. The segment casting yard on-site in Oak Park Heights continued to produce segments for the Minnesota approach bridge:

1. 338 segments will be constructed here. The 1st typical segment was cast on 7/22/14. As of 2/1/16, 254 segments have been cast.
2. Segments average 43 ft wide x 10-14 ft tall x 8 feet deep and weigh about 95 tons.
3. Segments will be used to build the bridge over the Minnesota shore.



ii. The segment casting yard at Grey Cloud Island near Hastings continued producing segments for the extradosed river bridge:

1. 650 segments will be constructed here. The 1st typical segment was cast on 9/25/14 and the 1st cable stayed segment was cast on 1/30/15. As of 2/1/16, 443 segments have been cast.
2. Segments average 48 ft wide x 18 ft tall x 10 feet deep and weigh about 180 tons.
3. Segments will be used to build the bridge over the St Croix River.



- d. Wisconsin Shoreline – completed the east abutment, the piling for Pier 13, the footing of Pier 13 and began the Pier 13 columns.



B. Minnesota Roadway:

- ii. In June of 2015, Ames/Lunda Joint Venture finished construction of new TH95 and the majority of TH36, with substantial completion/open to traffic, of TH 36 from the westerly project limits to near Beach Road.
- iii. View 2015 accomplishments at <http://www.dot.state.mn.us/stcroixcrossing/pdf/construction-map.pdf>

- C. Minnesota: Upper Loop Trail: – portion from Sunnyside Marina to Chestnut Street, Construction began in the fall of 2015, with the opening of the trail in November, 2015. Minor work on the pipe railing will continue in the spring of 2016.



- D. Minnesota: State Entry Sign construction was completed in 2015. State exit sign work remains to be completed in 2016.



- E. Minnesota: Weigh in Motion System was completed in 2015, with loop detectors, cameras and enforcement area.
- F. Minnesota: Landscaping from westerly project limits to Osgood Avenue was installed in 2015.
- G. Wisconsin Roadway:
 - a. H. James & Sons completed grading work on the new WIS 64, between County Road "E" and 150th Avenue. Construction of this segment was substantially completed in 2015, with minor punch list work remaining in the spring of 2016.
 - b. All WIS 64 road work will be complete in 2017 and open at the same time as the new river crossing.

Communications Accomplishments

The focus of the St. Croix Crossing project communication shifted in 2015 because there were fewer traffic impacts compared to 2014. Minnesota approach road work was completed in June, which then elevated bridge construction and Wisconsin approach work. Other projects such as the Minnesota welcome sign and Minnesota Loop Trail construction were also highlighted in 2015. Community members, businesses, commuters, elected officials and other project stakeholders received project information through earned media, digital media, social media, and public and private group presentations.

- A. The Communications Team accomplished the following between March 1, 2015 and Feb. 29, 2016, among other tactics:
 - 75 total public and private group presentations
 - 17 total public boat tours of the St. Croix River construction site with a captive audience of, on average, 350 constituents per tour
 - Nine total student boat tours including a history of the lift bridge, environmental impacts and a relatable overview of the St. Croix crossing construction
 - 3 elected officials site visits
 - Delivered regular project updates to local governments, proactively and at their request
 - Made 360 direct touches with the public, businesses and government entities

- Distributed 46 total project email updates. These updates were regularly paired with project news releases (4,419 people are currently signed up to receive project email)
 - 48% average open rate
- Regularly updated the project website with construction information, traffic impacts and other educational material
 - On average, 5,679 visits to the website per month
- Responded to 36 total media inquiries in 2015
- Made social media a priority engagement component and sustained robust audience numbers from season to season
 - Currently 3,861 total “likes” on Facebook
 - Currently 851 Twitter followers

B. During 2015 there were 617 St. Croix Crossing related stories, averaging 51 articles per month. Media covered many angles of the project in 2015, from construction progress reports to the continuing popularity of the public boat tours of the bridge construction site.

The media outlet types that covered St. Croix Crossing related stories included

- Metro dailies
- Community newspapers
- Broadcast (TV and radio)

Continuing the trend from 2014, the majority of 2015 project media coverage was positive. Some of the topics that dominated coverage included:

- Grey Cloud Island casting yard media tour
- J&L Steele leaves the project
- Completion date delay
- Construction progress
- Public boat tours
- Dangerous ice conditions

C. Tools to receive project information and updates:

- a. Website: www.mndot.gov/stcroixcrossing/
- b. Weekly project email updates (select St. Croix Crossing):
<http://visitor.r20.constantcontact.com/manage/optin/ea?v=001uV3jnccU8bbkNX8ffDiBJPZEnEPui7da6a685qTGxcCfn68jqTgtXA%3D%3D>
- c. Hotline: 1-855-GO-CROIX (1-855-462-7649)
- d. Email: stcroixcrossing.dot@state.mn.us
- e. Facebook: www.facebook.com/saintcroixcrossingmndot
- f. Twitter: <https://twitter.com/stcroixcrossing>
- g. Project office location: 1862 Greeley Street S. in Stillwater

Current Project Construction Cost/Schedule

A. Approximate Construction Cost Subtotal:

Minnesota Roadway Approach	\$70M
River Bridge Foundations	\$39M
River Bridge and Ramp Bridges	\$337M
Wisconsin Roadway Approach	\$24M

B. Current Construction Schedule:

Minnesota Roadway: Spring 2013 to June 2015, with NW Ramp in summer 2016
Minnesota Landscaping – 2nd Segment: Spring 2016
Minnesota Exit Sign: Fall 2016
River bridge, approach and ramp bridges: Spring 2013- Fall of 2017(open to traffic)
Wisconsin Roadway: Spring 2014 - Fall of 2017 (approach work to tie into bridge)
Lift Bridge Conversion to Bike/Ped Bridge: 2018 & 2019
Mitigation Package Implementation – Ongoing to 2019

Next Steps for 2016 (Timetable will be determined by FHWA, MnDOT and WisDOT)

1. Continued Stakeholder Involvement
2. Minnesota Roadway Approach- Landscaping, NW ramp and State Exit Sign – construction resuming in spring 2016
3. River bridge superstructure and ramp bridges – construction on-going – segments, cable stays and towers.
4. Minnesota Approach Bridges: construction on-going, segments and cast-in-place.
5. Wisconsin Roadway Approach – paving beginning in spring 2016
6. Permit Conditions and any additional agency coordination
7. Environmental Compliance and Monitoring
8. Right of Way acquisitions
9. Financial Plan – annual update
10. Design:
 - a. Loop Trails – Minnesota and Wisconsin - design plan development
 - b. Landscaping – Minnesota and Wisconsin
 - c. Mitigation Items
11. Mitigation Package:
 - complete “During Construction” items and begin “After Construction” items.
12. Communications:
 - a. Continue providing project information as requested and through news releases, website updates and other formal and informal communications
 - b. Media interviews
 - c. Project presentations/site visits
 - d. Email updates
 - e. Videos using animations
13. Project Management -- Manage program schedules, resources, cost estimates, deliverables, reporting, etc. developed within the framework of the Project Management Plan’s organizational chart including regular meetings of functional groups, Project Core Team, Stewardship Councils and Executive Team.

Project Team Contact information:

MnDOT:

Michael Beer, Project Director	651-366-4358	Michael.Beer@state.mn.us
Kristin Calliguri, Communications	651-366-4272	Kristin.Calliguri@state.mn.us
Todd Clarkowski, Project Coordinator	651-366-4316	Todd.Clarkowski@state.mn.us

WisDOT:

Tim Mason, Project Development	715-833-5366	Timothy.Mason@dot.wi.gov
Brent Pickard, Communications	715- 836-4623	Brent.Pickard@dot.wi.gov

FHWA:

Tim Anderson - MN	651-291-6126	Timothy.Anderson@dot.gov
Pete Garcia - WI	608-829-7513	Pete.Garcia@dot.gov

All project specific information, including the current project status, can be found at www.mndot.gov/stcroixcrossing/

Attachments to this report include:

- Status of Cultural Resources mitigation as of 2-3-16
- St. Croix Crossing Project layout and Summary of Preferred Alternative Mitigation Items—Implementation Status, dated 1-8-16

ProjectWise:/36/8214/114/predesign/projectmanagment/areamanagement/annual_project_summary_report/stcroix-annual report for march 2016-final-2-22-16.docx





ST CROIX CROSSING PROJECT

SFEIS TABLE 11-1: NRHP-LISTED AND DETERMINED ELIGIBLE PROPERTIES

STATUS OF CULTURAL RESOURCE MITIGATION AS OF 02/03/2016

Property Name	NRHP Criterion	SHPO Number	Effects from Preferred Alternative	Eligibility Status	MOA Stipulated Mitigation Item	Status
Log Cabin Restaurant (Club Tara)	A	WA-OHC-019	Adverse Effect	Determined Eligible	Completion of NRHP nomination	Listed on NRHP as of 12/27/07
Bergstein Shoddy Mill And Warehouse	A	WA-OHC-001	Adverse Effect	Determined Eligible	Completion of NRHP nomination	Listed on NRHP as of 3/5/08 Updated NRHP completed as of 9/2015
Stillwater State Prison Historic District	C	WA-BPC-007	No Adverse Effect	NRHP Listed; 22 contributing properties, 8 non-contributing	No Adverse Effect	No Adverse Effect
St. Croix Overlook-South	A & C	WA-OHC-005	Adverse Effect	Determined Eligible	Completion of NRHP nomination	Listed on NRHP as of 12/27/07
William N. Danforth House	C	WA-SWC-1067	No Effect	Determined Eligible	No Effect	No Effect
Fairview Cemetery	C	WA-SWC-1486	No Effect	Determined Eligible	No Effect	No Effect
Stillwater South Main Street Archaeological District (Hersey and Bean Sawmill and Planing Mill Site, Slab Alley)	A & D	21WA91 21WA92 21WA100	Adverse Effect (Hersey and Bean Site) No Effect (Slab Alley)	Determined Eligible as contributing to Cultural Landscape District and to Archaeological district	Completion of NRHP nomination	NRHP nomination completed. Not listed on NRHP due to private owner objection
Stillwater & St. Paul Railroad	A	WA-SWC-1503	No Effect	Determined Eligible	No Effect	No Effect
St. Croix Boom Site	A	WA-SWT-004	No Effect	National Historic Landmark	No Effect	No Effect
Stillwater Lift Bridge	C	WA-SWC-322	Adverse Effect	NRHP Listed; contributing to Stillwater Cultural Landscape District	a) Establish SLBAC b) Condition Assessment, O&M Manual c) Management Plan d) Endowment Fund e) Conversion Project	a) 100% Completed b) 100% Completed c) 100% Completed d) 100% Completed e) Planned for 2018 -2019
Stillwater Commercial Historic District	A & C	Multiple Numbers	Adverse Effect	NRHP Listed; 82 properties; Lift Bridge not included	Enhanced construction signage, communication plan, optimize parking and parking lot in WI during construction.	Communication plan completed in 2013. Remaining items to be completed during construction of St. Croix Crossing Project
Stillwater Cultural Landscape District	A & C	Multiple Numbers	Adverse Effect	Determined Eligible; 247 contributing properties and 187 non-contributing properties; 3 contributing archaeological sites; Includes Lift Bridge	Illustrative Study	Illustrative Study of SCLD completed in 2011
Nicholas Thelen Farmstead	C	AHI -46042	Conditional No Adverse Effect	Determined Eligible	Completion of NRHP nomination	Listed on NRHP as of 2/12/09
St. Croix Hilltop Drive-In Theatre	C	AHI-129594	No Effect	Determined Eligible	No Effect	No Effect
Louis Kriesel Farmstead	C	AHI-129596	Conditional No Adverse Effect	Determined Eligible	Completion of NRHP nomination	Listed on NRHP as of 2/12/09

ST. CROIX CROSSING PROJECT

LEGEND

	ROADWAY
	BRIDGES & RETAINING WALLS
	RAISED MEDIANS & CURBS
	PAVED SHOULDERS
	TRAILS & SIDEWALKS
	CONSTRUCTION "BY OTHERS"
	PROPOSED PERMANENT PONDING LOCATION
	PROPOSED PERMANENT INFILTRATION LOCATION
	PROPOSED PERMANENT FILTRATION LOCATION
	PROPOSED TRAFFIC SIGNAL



SCALE
0 600' 1200' 2000'

2/4/2015

MINNESOTA

STILLWATER

WISCONSIN

TOWN OF ST. JOSEPH

STILLWATER AREA HIGH SCHOOL

STILLWATER JR. HIGH SCHOOL

HOULTON ELEMENTARY SCHOOL

OAK PARK HEIGHTS

BAYPORT

C.S.A.H. 5 (WASHINGTON CO.)

GREELEY AVE./C.S.A.H. 66 (WASHINGTON CO.)

OSGOOD AVE. N./C.S.A.H. 24 (WASHINGTON CO.)

BEACH ROAD/C.S.A.H. 23 (WASHINGTON CO.)

T.H. 36 (STATE)

60TH ST. N (CITY OF STILLWATER)

6TH ST. N/PICKETT AVE.

T.H. 5 (STATE)

OAKGREEN AVE. (CITY OF OAK PARK HEIGHTS)

STAGE COACH TR./C.S.A.H. 23 (WASHINGTON CO.)

55TH ST./C.S.A.H. 28 (WASHINGTON CO.)

T.H. 95

LIFT BRIDGE

T.H. 95 (STATE)

ST. CROIX RIVER

LOOP TRAIL

S.T.H. 35

S.T.H. 64

ANDERSEN SCOUT CAMP RD.

150TH ST.

CO. RD. E

STILLWATER MUNICIPAL BARGE DOCKWALL SITE

XCEL DOCKWALL SITE

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

	Implementation Schedule (3)	Implementation Status (6)	Applicable/Estimated Cost (1)	Agency Responsible (2)	Contract/Agreement
Standard Practice Mitigation Items (see Section 15.4.1.1 of the SFEIS)					
Wetland replacement	During construction	100% complete - Corp of Eng, MnDNR, WisDNR and WCA processes implemented. Wetland banking sites used.	Applicable	Mn/DOT & WisDOT	Construction contracts
Zebra mussel decontamination protocol used during construction	During construction	100% complete - USFW Decontamination Protocol developed and applied	Applicable	Mn/DOT & WisDOT	Construction contracts
Mussel relocation/Dotted Blazing Star relocation (4)	Prior to construction	100% complete -Blazing star survey and transplanting completed in the fall of 2012. Mussel survey work under and near new bridge completed in 2012. Native mussel relocations completed in June of 2013 for staging area along WI shore. Mussel propagation activities for federal species. Mitigation for federal and MN mussel species addressed in agreements.	\$337,500	Mn/DOT & WisDOT	Cooperative Agreements with MnDOT and MnDNR. Also MnDOT and USFW agreement. WisDNR Incidental Take Authorization.
Erosion control/turf establishment	During construction	100% complete - Stormwater Pollution Prevention Plans in Minnesota and Erosion Control Implementation Plans in Wisconsin developed and implemented	Applicable	Mn/DOT & WisDOT	Construction contracts
Riverway Impacts - Preferred Alternative Mitigation Measures (see Section 15.4.1.2 of the SFEIS)					
Removal of Xcel barge unloading facility and mooring cells	During construction	Planned removal as part of the new river bridge superstructure contract -from 2014 (barge unloader) to 2018(cells)	\$1,500,000	Mn/DOT	MOU between Mn/DOT and Xcel
Mitigation for damages to bluffs: - Land protection by WDNR and/or local governments through purchase, transfer or easements	Prior to construction	100% complete in June of 2013	\$4,500,000	WisDNR, St. Croix County	Cooperative 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 lift bridge to STH 35 and portions of CTH E)	During construction	25% complete - included in adjacent grading plan	\$60,000	WisDOT	WI 2016&17 Real Estate process & Construction contracts
Removal of Terra Terminal building including solid waste removal	Prior to construction	100 % complete in 2007	\$100,000	Mn/DOT	MnDOT Construction contract
Kolliner Park: removal of non-historic elements to allow reversion to “natural state”	During construction	30% complete - initial concepts developed	\$6,000	WisDOT	WI 2017 Construction contract
Riverway interpretation (kiosks for interpretation of natural/cultural resources)	During construction	100% complete in June of 2013	\$300,000	NPS, MnDNR, WisDNR - consultation with SHPOs	Cooperative Agreement with Mn/DOT and NPS (lead agency)
Public boat access (locational study, environmental study and wetland mitigation by MnDNR)	During construction	100% complete in May of 2013	\$1,200,000	MnDNR	Cooperative Agreement with Mn/DOT and MnDNR
Completion of loop trail system including grading of the municipal barge facility property	During construction	MN Phase 1 --design completed--1st letting held June 2015. Portion of lower loop trail constructed in 2015. 2nd letting in Dec.2017 for upper trail. 3rd letting in 2019. WI loop trail is 60% designed and 25% constructed. WI letting in 2017.	\$3,000,000	Mn/DOT & WisDOT (construction of trails)	Construction contracts in Mn & WI. MN loop trail owner/maint. by City of Stillwater. WI loop trail maintenance agreement with St. Croix County.
Recreation, education, and Riverway restoration	During construction	100% complete in June of 2013	\$250,000	NPS	Cooperative Agreement with Mn/DOT and NPS
Covenants on excess property owned by WisDOT (Buckhorn Ravine, closed rest area, west of STH 35) Estimated lost value = \$466,000 (5)	After construction	10% complete on applicable parcels	-	WisDOT	Covenants placed by WisDOT.
Spill response plan	During construction	100% complete in June of 2013	\$100,000	NPS	Cooperative 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 - Local government planning/zoning support - Greenspace protection program	Prior to construction	100% complete in May of 2013	\$2,700,000	WisDNR, St. Croix County, UW-River Falls	Cooperative agreements between Mn/DOT, WisDNR, St. Croix County, and UW-River Falls.
Transit feasibility study	After record of decision (ROD); prior to construction	100% complete in 2008	DOT staff support only	Mn/DOT	Interagency agreement between Mn/DOT and Metropolitan Council
Water quality memorandum of understanding (MOU) - water quality permitting	Prior to construction	100% complete- WQMAC established, numerous construction related permits requested in 2012, with conditions being implemented.	--	Mn/DOT	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	Prior to and during construction	on-going	Included in designs	SHPOs	Section 106 Amended MOA
Lift Bridge: - Mn/DOT continues ownership, maintenance and operations of Lift Bridge	Ongoing	on-going	--	Mn/DOT	Section 106 Amended MOA
- Establish Stillwater Lift Bridge Advisory Committee	Prior to construction	100% complete in 2009	--	Mn/DOT	Section 106 Amended MOA
- Perform condition assessment. Develop operations and maintenance manual	Prior to construction	100% complete in 2009	--	Mn/DOT	Section 106 Amended MOA
- Develop Lift Bridge Management Plan	Prior to construction	100% complete in 2009	--	Mn/DOT & WisDOT	Consultant Contract
- Establish endowment account for operation and maintenance as a bicycle/pedestrian facility -- needs as defined in Lift Bridge Mgt Plan	During construction	100% complete - Endowment Acct. established in 2009 by MN legislation. MnDOT provided \$3M to endowment account in June 2014 and WisDOT provided \$1.5M in October 2014 to meet the Stipulation of the 2006 Amended Section 106 MOA. MnDOT provided an additional \$3M in February 2015. MN State Board of Investment will invest funds as req'd by M.S.165.15.	\$7,500,000	Mn/DOT & WisDOT	"Mn/DOT and WisDOT will deposit no less than \$3 million in the endowment fund." per SFEIS and MOA.
- Capital improvements with conversion to pedestrian/bicycle facility.	After construction	Env.Document complete. 60% Bridge Plans. MnDOT letting anticipated in May 2017. Conversion in 2018 & 2019.	\$14,000,000	Mn/DOT	Lift Bridge Conversion Project - S.P. 8217-4654D
Log Cabin Restaurant - parking lot design and construction	During construction	100% complete in 2013. Grading for parking lot completed in fall of 2012. Surfacing, remaining amenities and property transferred to Club Tara in July 2013.	\$630,000	Mn/DOT	Purchase Agreement between Mn/DOT, Club Tara, City of OPH and Xcel for construction, ownership and maintenance.
Bergstein Shoddy Mill and Warehouse – additional documentation, relocation of Shoddy Mill and Warehouse	Prior to construction	100% complete - Buildings relocated in fall of 2012. Masonry and fencing work completed in summer of 2013. Buildings transferred to the City of Stillwater via Bill of Sale on 9-23-13.	\$1,255,000	Mn/DOT	MnDOT construction contract. And Bill of Sale with City of Stillwater to transfer ownership and maintenance of bldgs.
St. Croix Overlook-South:					
- Develop management plan for maintenance and rehabilitation	Prior to construction	100% complete in 2011	\$50,000	Mn/DOT	Consultant Contract
- Restore Overlook as directed in Roadside Restoration Report (2005)	During construction	100% complete - Substantial completion of restoration project in fall of 2013. Masonry and Landscaping warranties ended in fall of 2015.	\$650,000	Mn/DOT	Mn/DOT Construction contract
- Mn/DOT retains ownership of site	During construction	100% complete in 2011	--	Mn/DOT	Mn/DOT Construction contract
Stillwater Commercial Historic District:					
- Enhanced signage from new bridge and roadways to downtown Stillwater	During construction	100 % complete in 2013	Included in signage package	Mn/DOT	Mn Construction contract
- Construction communication plan	During construction	100 % complete in 2013	Included in construction costs	Mn/DOT & WisDOT	Construction contract
- Optimize parking on Chestnut and Main Streets	After construction	Parking configurations being designed into Lift Bridge Conversion Project.	--	Mn/DOT	Lift Bridge Conversion Project
- Provide parking lot at old STH 35/64 and loop trail in Wisconsin	During construction	30% designed	Included in WI loop trail costs	WisDOT	WI 2017 Construction contract
Stillwater Cultural Landscape District:					
- Complete and distribute illustrated study of Cultural Landscape District	Prior to construction	100% complete in 2011-12	\$50,000	Mn/DOT & WisDOT	Consultant Contract
South Main Archaeological District:					
- Develop a condition assessment and stabilization report for loop trail construction	Prior to construction	100% complete - Draft report completed in 2013. SHPO review of report completed in May 2014 and final report was sent to City of Stillwater. Wall recommendation work will be part of loop trail design and construction.	\$300,000	Mn/DOT	Consultant Contract
- Protect and stabilize Hersey and Bean Archaeological Site prior to use for staging	During construction	100% MN Loop Trail Project design completed	Included in provisions	Mn/DOT	Mn 2015 Construction contract for Loop Trail
- Avoid and minimize effects to historic resources in design of loop trail	During construction	100% MN Loop Trail Project design completed	Included in design	Mn/DOT	Section 106 Amended MOA
Kriesel Farmstead:					
- Construction of berm based on concepts presented in Visual Quality Manual	During construction	100% constructed in 2015	Included in construction costs	WisDOT	WI 2015 construction contract
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	Prior to construction	100% complete in 2007	\$20,000	Mn/DOT & WisDOT	Consultant Contracts
Lift Bridge publication (illustrated book on Lift Bridge)	During construction	10% complete on book. MOA Amendment being developed to change to a pre-qualified consultant contract to perform work.	\$50,000	Mn/DOT	Consultant Contract
Develop field guide to Stillwater Cultural Landscape District (includes St. Croix Overlook-South)	During construction	85% complete. Acquiring images for final printing. Anticipate distribution in spring 2016.	\$10,000	Mn/DOT	Consultant Contract
Visual Enhancements (see Section 7.4.4 of the SFEIS)					
Visual enhancements: implementation of the Visual Quality Manual - increased allowable aesthetic costs	During construction	ongoing	Included in construction costs	Mn/DOT & WisDOT	Construction contracts

(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