

T Transportation Committee

Meeting date: June 4, 2012

Council meeting date: June 13, 2012

ADVISORY INFORMATION	
Date:	May 16, 2012
Subject:	2012-2015 TIP Amendment Request to include St Croix River Crossing Pre-Construction Work (TAB Action 2012-21)
District(s), Member(s):	12 - Melander
Policy/Legal Reference:	TAB Action
Staff Prepared/Presented:	Arlene McCarthy, Director (651-602-1754) Amy Vennewitz, Dep. Dir. Finance & Planning (651-602-1058) Kevin Roggenbuck, TAB Coordinator (651-602-1728) James Andrew, Senior Planner (651-602-1721)
Division/Department:	Metropolitan Transportation Services

Proposed Action

That the Metropolitan Council concur with the Transportation Advisory Board (TAB) action to amend the 2012-2015 Transportation Improvement Program (TIP) to include St. Croix River Crossing Pre-Construction Projects SP#8217-82045PE (Bridge Plan Design) and SP#8217-82045PR (Peer Review).

Background

This amendment is needed to add pre-construction work necessary to build the St Croix River Bridge, which was previously held up because of a decision by the National Park Service to not approve the project. The project was ultimately approved because of the execution of legislation that exempted the project from the Wild and Scenic River Act. This amendment provides federal funds to both design and prepare bridge plans, special provisions, cost estimates and conduct independent review of the hydraulic analysis for the construction project which MnDOT and WisDOT will use to prepare grading plans for the St. Croix Crossing project.

Project Description	Advance Construction: Conversion of Federal Funds in 2014	State Bonds	WISDOT HPP Funds	Total
SP#8217-82045PE: Bridge Plan Design	\$5,600,000	\$1,400,000	\$7,000,000	\$14,000,000
SP#8217-82045PR: Peer Review	\$1,000,000	\$250,000	\$1,250,000	\$2,500,000

Rationale

The Transportation Advisory Board approves formal amendments to the Transportation Improvement Program. The Metropolitan Council concurs with the action of the TAB. This project is subject to air quality conformity analysis and was included in the TIP Air Quality Analysis. No changes have been made either to the horizon year or the capacity increase from this project on the regional system. It does not affect fiscal constraint as it uses existing Advance Construction funds to be paid back in 2014 with federal funds identified in the TIP.

Funding

This project is using state trunk highway funds for Advance Construction (to be reimbursed in 2014 with federal funds), Minnesota State Bonds, High Priority Project (HPP) funds for Wisconsin and Wisconsin State Bonds.

Known Support / Opposition

No known opposition.

Transportation Advisory Board

of the Metropolitan Council of the Twin Cities

Bill Hargis
Chair

May 28, 2012

County Commissioners

Andy Westerberg
Anoka County

Randy Matuchnik
Carver County

Paul Krause
Dakota County

Jan Callison
Hennepin County

Tony Bennett
Ramsey County

Jon Ulrich
Scott County

Dennis Hegberg
Washington County

Municipal Officials

Dick Swanson
Blaine City Council

Bethany Tjornhom
Chanhassen City Council

Julia Whalen
Champlin City Council

James Hovland
Mayor of Edina

Becky Petryk
Hugo City Council

Will Rossbach
Mayor of Maplewood

Robert Lillgren
Minneapolis City Council

Steven Gallagher
Newport City Council

Sue Sanger
St. Louis Park City Council

Russ Stark
St. Paul City Council

Citizen Members - Precinct

Gerry Butcher - A
Thomas Heffelfinger - B
Jennifer Janovy - C
Kenya McKnight - D
Ashraf Siddiqui - E
Bill Hargis - F
Margaret Donahoe - G
Karl Drotning - H

Agency Representatives

Adam Duinck
Metropolitan Council

Scott McBride
Minnesota DOT

Lisa Peilen
M.A.C.

David Thornton
M.P.C.A.

Modal Representatives

Aaron Isaacs
Transit

David Van Hattum
Transit

Ron Have
Freight

Ethan Fawley
Non-motorized

Susan Haigh, Chair
Metropolitan Council
390 Robert Street No.
St. Paul, MN 55101

Ms. Haigh,

On May 16, 2012, the Transportation Advisory Board voted to amend the 2012-2015 Transportation Improvement Program to include SP#8217-82045PE: St. Croix River Crossing - Prepare Three Bridge Plans and Estimates; Conduct Review of Hydraulic Analysis and SP#8217-82045PR: Peer Review of Bridge Design for Three Bridges.

This amendment will provide federal funds for two projects – \$14 million for the design and preparation of three bridge plans and \$2.5 million for the peer review process of the three plans. These projects are required to design and prepare bridge plans, special provisions, cost estimates and conduct independent review of the hydraulic analysis for the entire-construction project which MnDOT and WisDOT will use to prepare grading plans for the St. Croix Crossing project. The projects are subject to air quality conformity determination which has been previously included in the TIP Air Quality Analysis and no changes have been made to either the horizon year or the capacity increase from this project on the regional system.

The TAB forwards the TIP amendment action to the Metropolitan Council along with additional information described in TAB action transmittal 2012-21.

Sincerely,



Bill Hargis,
Chair

kjr/kjr

Transportation Advisory Board
of the Metropolitan Council of the Twin Cities

ACTION TRANSMITTAL

No. 2012-21

DATE: May 21, 2012
TO: Metropolitan Council
FROM: Transportation Advisory Board
PREPARED BY: Jon Solberg, MnDOT Metro Program Management (651-234-7792)
James Andrew, Metropolitan Council MTS (651-602-1721)
Kevin Roggenbuck, TAB (651-602-1728)
SUBJECT: 2012-2015 Transportation Improvement Program Amendment Request for MnDOT to add St Croix River Crossing Pre-Construction Work.
MOTION: The TAB adopted an amendment to the 2012-2015 TIP that adds SP#8217-82045PE (Bridge Plan Design) and 8217-82045PR (Peer Review).

BACKGROUND AND PURPOSE OF ACTION: The construction of the St Croix River Bridge was previously held up because of a decision by the National Park Service to not approve the project under the Wild and Scenic Rivers Act. In March 2012, President Obama signed legislation that exempted the crossing from the Wild and Scenic River Act, enabling construction of the bridge to move forward. This amendment will provide federal funds for two projects – \$14 million for the design and preparation of three bridge plans and \$2.5 million for the peer review process of the three plans. These projects are required to design and prepare bridge plans, special provisions, cost estimates and conduct independent review of the hydraulic analysis for the entire-construction project which MnDOT and WisDOT will use to prepare grading plans for the St. Croix Crossing project. These plans require independent design computations along with detail review because the State has determined that the St. Croix Crossing Bridges are a major structure. The bridge plans and peer review projects are being advanced with conversion of federal funds taking place in 2014. The projects are subject to air quality conformity determination which has been previously included in the TIP Air Quality Analysis and no changes have been made to either the horizon year or the capacity increase from this project on the regional system. The amendment is attached.

RELATIONSHIP TO REGIONAL POLICY: Federal law requires that all transportation projects that will be partially funded with federal funds must be in an approved Transportation Improvement Program and meet the following four tests: fiscal constraint; consistency with the adopted regional transportation plan; air quality conformity and opportunity for public input. It is the TAB's responsibility to adopt and amend the TIP according to these four requirements.

ROUTING

TO	ACTION REQUESTED	DATE COMPLETED
TAC Funding & Programming Committee	Review & Recommend	February 16, 2012
Technical Advisory Committee	Review & Recommend	May 2, 2012
TAB Programming Committee	Review & Recommend	May 16, 2012
Transportation Advisory Board	Review & Adopt	May 16, 2012
Metropolitan Council	Concurrence	



Minnesota Department of Transportation

Metropolitan District

1500 West County Road B-2

Roseville, MN 55113

April 19, 2012

Revised April 25, 2012

Karl Keel, Chair
TAC Funding and Programming Committee
Metropolitan Council
390 N. Robert St.
St. Paul, Minnesota 55101

RE: Amendment to the Minnesota 2012-2015 Transportation Improvement Program (TIP)
State Project Number: 8217-82045PE & 8217-82045PR
Federal Project Number:

Dear Mr. Keel:

Please amend the Minnesota 2012-2015 Transportation Improvement Program (TIP) to add the following new projects into SFY 2012 of the TIP. These projects are being submitted with the following information:

PROJECT IDENTIFICATION:

SEQ #	STATE FISCAL YEAR	A T P	D I S T	ROUTE SYSTEM	PROJECT NUMBER (S.P. #) (Fed # if available)	AGENCY	DESCRIPTION include location, description of all work, & city (if applicable)	MILES
	2012	M	M	MN 36	8217-82045PE	MnDOT	MN 36; St Croix River Crossing-Design & Prepare 3 Bridge Plans, Special Provisions, Estimates & Conduct Review of Hydraulic Analysis for Construction Project (AC Payback in 2014)	0
	2012	M	M	MN 36	8217-82045PR	MnDOT	MN 36; St Croix River Crossing-Peer Review of Final Bridge Design for 3 bridges (82045, 82047 and 82048) (AC Payback in 2014)	0

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PROG	TYPE OF WORK	PROP FUNDS	TOTAL \$	FHWA \$	AC \$	FTA \$	TH \$	OTHER \$
CA	BRIDGE REPLACEMENT	BR, BF	\$14,000,000	0	\$5,600,000 Payback in 2014	0	0	\$1,400,000 (Bonds) (\$7,000,000 (WISDOT HPP & State Funds))
CA	BRIDGE REPLACEMENT	BR, BF	\$2,500,000	0	\$1,000,000 Payback in 2014	0	0	\$250,000 (Bonds) (\$1,250,000 (WISDOT HPP & State Funds))

PROJECT BACKGROUND:

1. Briefly describe why amendment is needed (e.g. project in previous TIP but not completed; illustrative project and funds now available; discretionary funds received; inadvertently not included in TIP).

A formal amendment is needed to add Project 8217-82045PE for preliminary and final engineering & Project 8217-82045PR for peer review of the bridge design of the St. Croix Crossing in SFY 2012 of the 2012-2015 TIP.

In October 2010 the National Park Service ruled that it could not approve the St. Croix Crossing project under the Wild and Scenic Rivers Act because the direct and adverse effects cannot be avoided or eliminated. This action blocked other federal agencies assistance or permitting actions which effectively delayed the project. On March 14, 2012 President Obama signed legislation that exempted the St. Croix Crossing from the Wild and Scenic River Act enabling the project to move forward.

The St. Croix Crossing project SP8217-82045 (SEQ 1983) is in SFY 2014 of the 2012-2015 STIP with a total project cost of \$345,750,000 including \$89,000,000 in federal funds \$71,000,000 in advanced construction funds and \$256,750,000 in other funds, including \$63,025,000 in state bonds and \$193,725,000 in HPP and bond funds from Wisconsin. This project includes preliminary and final engineering, construction, geotechnical evaluation and surveying among other engineering and tasks. Projects

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8217-82045PE and 8217-82045PR are required to confirm and utilize the preliminary bridge plans to produce a formal bridge plan.

Project 8217-82045PE is required in SFY 2012 to design and prepare three separate bridge plans, special provisions, cost estimates and conduct independent review of the hydraulic analysis for the entire-construction project which MnDOT and WisDOT will use to prepare grading plans for the St. Croix Crossing project. Project 8217-82045PR is

required because the State has determined that the St. Croix Crossing Bridges are a major structure, therefore a design review with independent design computations along with detail review will be required for the bridges.

Project 8217-82045PE and 8217-82045PR will be AC'ed with conversion of federal funds from Project SP8217-82045 (SEQ 1983) taking place SFY 2014.

2. How is Fiscal Constraint Maintained as required by 23 CFR 450.216 (check all that apply)?

- New Money – _____
(Discretionary, Special Allocations or Other New Funding Sources)
- Anticipated Advance Construction X*
- ATP or MPO or Mn/DOT Adjustment _____
of other projects
- Earmark or HPP federal funds outside ATP _____
target
- Other _____

*The federal funds for projects 8217-82045PE and 8217-82045 PR are being AC'ed with conversion taking place in 2014. WisDOT will provide \$7,000,000 for project 8217-82045PE and \$1,250,000 for project 8217-82045PR. MnDOT will use State Bonds to fund the remaining \$1,400,000 for project 8217-82045PE and \$250,000 for project 8217-82045PR. These funds are sufficient to fully fund the project therefore fiscal constraint is maintained.

CONSISTENCY WITH MPO LONG RANGE PLAN:

This amendment is consistent with the Metropolitan Council Transportation Policy Plan, adopted on January 14, 2009, with FHWA/FTA conformity determination established on September 16, 2009. The amendment is also consistent with the 2030 Policy Plan update adopted by the Metropolitan Council on November 10, 2010 with FHWA/FTA conformity determination established on February 23, 2011.

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AIR QUALITY CONFORMITY:

- Subject to conformity determination..... YES
- Exempt from regional level analysis*..... _____
- Exempt from project level analysis*..... _____
- Exempt by virtue of interagency consultation*..... _____
- N/A (not in a nonattainment or maintenance area) _____

* The elements of this project have previously been included in the TIP Air Quality Analysis. The St. Croix River Crossing was modeled and will continue to be listed as A-20 under Regional Significant Projects. No changes have been made either to the horizon year or the capacity increase to the regional system from the original project.

We are requesting approval of this TIP amendment at this time. If you have any questions, please call Jon Solberg at (651) 234-7792

Sincerely,

For 
Brian Isaacson
Planning Director, Program Management

Enclosures: None

- cc: James Andrew, Metropolitan Council
Jon P. Solberg, Metro Program Management
Cynthia Krumsieg, Metro Program Management
Kevin Western, Central Office Bridge
Todd Clarkowski, Metro East Area Engineer

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