

**ACTION TRANSMITTAL No. 2013-45**

**DATE:** October 30, 2013  
**TO:** Technical Advisory Committee  
**FROM:** TAC Funding and Programming Committee  
**PREPARED BY:** Heidi Schallberg, Senior Planner (651-602-1721)  
**SUBJECT:** 2014-2017 TIP Amendment for Highway Safety Improvement Program (HSIP) Projects for 2014-2016  
**REQUESTED ACTION:** MnDOT requests a TIP amendment to add the attached 24 projects using HSIP funding for years 2014, 2015, and 2016.  
**RECOMMENDED MOTION:** Recommend that the Transportation Advisory Board adopt an amendment to the 2014-2017 Transportation Improvement Program (TIP) to add the attached 24 projects for the HSIP allocation for years 2014, 2015, and 2016 with a total of \$15.5 million in HSIP, and modify the budgets for setasides for the years 2014-2016.

**BACKGROUND AND PURPOSE OF ACTION:** The Highway Safety Improvement Program (HSIP) is a core federal program defined in MAP-21. HSIP is designed to achieve a significant reduction in traffic fatalities and serious injuries on all public roads, including non-state-owned public roads and roads on tribal lands. HSIP requires a data-driven, strategic approach to improving highway safety on all public roads that focuses on performance. In order to obligate HSIP funds, the state must develop, implement and update a Strategic Highway Safety Plan and produce a program of projects. This amendment is significant as it would fulfill a part of this obligation.

MnDOT shares these federal funds with local governments to improve and protect the transportation system beyond the state's trunk highway system. MnDOT conducts the solicitation, and the proposed projects are evaluated by a team of transportation professionals that includes members of the Technical Advisory Committee.

With guidance and recommendation from its technical committees, the TAB's role is to approve the solicitation criteria and select projects to be awarded HSIP funds. MnDOT conducted a solicitation for proactive projects for 2014-2016 earlier in 2013. This amendment would add projects selected from this solicitation. Because the 2014-2017 TIP included a set aside for HSIP funding for these years, there is no impact to federal fiscal constraint by adding these projects to the TIP.

**RELATIONSHIP TO REGIONAL POLICY:** Federal law requires that all transportation projects that will be partially funded with federal funds must be in an approved TIP 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.

**STAFF ANALYSIS:** The TIP amendment meets fiscal constraint because the federal and state funds are sufficient to fully fund the projects. The amendment is consistent with the Transportation Policy Plan, adopted by the Metropolitan Council on November 10, 2010, with FHWA/FTA conformity determination established on February 23, 2011. The Minnesota Interagency Air Quality and Transportation Planning Committee determined that the projects are exempt from air quality conformity analysis or non-classifiable. Public input opportunities for this amendment are provided through the TAB's and Council's regular meetings.

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**ROUTING**

<b>TO</b>	<b>ACTION REQUESTED</b>	<b>DATE COMPLETED</b>
TAC Funding & Programming Committee	Review & Recommend	October 17, 2013
Technical Advisory Committee	Review & Recommend	
Transportation Advisory Board	Review & Adopt	
Metropolitan Council Transportation Committee	Concurrence	
Metropolitan Council	Concurrence	

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September 27, 2013

Karl Keel, Chair  
TAC Funding and Programming Committee  
Metropolitan Council  
390 Robert Street No.  
St. Paul, Minnesota 55101

Re: Amendment to the Twin Cities 2014-2017 Transportation Improvement Program (TIP)

Dear Mr. Keel:

Please amend the 2014 – 2017 Transportation Improvement Program (TIP) to include the following projects in program years 2014, 2015 and 2016. The projects are being submitted with the following information:

**PROJECT IDENTIFICATION:**

*Please see list on projects on pages 4, 5, 6 and 7*

**PROJECT BACKGROUND:**

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

A solicitation for proactive HSIP projects was recently conducted; however, projects were not identified in time to be included in the draft TIP that posted for public comments. Therefore, HSIP set aside amounts were identified to program for SFY 2014, SFY 2015 and SFY 2016 to be included in the 2014-2017 TIP.

The proactive solicitation resulted in selection of seventy-one HSIP projects. In an effort to streamline the amendment and project delivery processes, MnDOT Metro State Aid staff worked with project sponsors to combine and as a result reduce the total number of projects in this amendment from 24. This formal TIP amendment is needed to add the 24 projects in SFY 2014, SFY 2015, and SFY 2016 of the TIP.

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

- New Money \_\_\_\_\_
- Anticipated Advance Construction \_\_\_\_\_
- ATP or MPO or Mn/DOT Adjustment by deferral of other projects \_\_\_\_\_
- Earmark or HPP not affecting fiscal constraint \_\_\_\_\_
- Other (adjustment of setasides) X\*

\*SP 880M-SHL-14 is in SFY 2014 of the 2014-2107 STIP as an HSIP set aside for the Metro District with a total of \$2,175,873 including \$1,958,286 in federal HSIP funds and \$217,587 in Other funds. Other funds represent the total local funds needed to provide the match for the federal HSIP funds.

The six SFY 2014 projects listed in this amendment will use \$1,899,378 of these available federal funds leaving \$58,908 of federal HSIP funds available for use on other projects in SFY 2014. These projects will use \$211,042 of local match funds provided by various local agencies from SP 880M-SHL-14 leaving \$6,545 in funds for the local match for use on other 2014 HSIP projects.

\*SP 880M-SHL-15 is in SFY 2015 of the 2014-2107 STIP as an HSIP set aside for the Metro District with a total of \$7,210,946 including \$6,489,851 in federal HSIP funds and \$721,095 in Other funds. Other funds represent the total local funds needed to provide the match for the federal HSIP funds.

The ten SFY 2015 projects listed in this amendment will use \$5,779,425 of these available federal funds leaving \$710,426 of federal HSIP funds available for use on other projects in SFY 2015. These projects will use \$642,159 of local match funds provided by various local agencies from SP 880M-SHL-15 leaving \$78,936 in funds for the local match for use on other 2015 HSIP projects.

\*SP 880M-SHL-16 is in SFY 2016 of the 2014-2107 STIP as an HSIP set aside for the Metro District with a total of \$9,020,244 including \$8,118,220 in federal HSIP funds and \$902,024 in Other funds. Other funds represent the total local funds needed to provide the match for the federal HSIP funds.

The eight SFY 2016 projects listed in this amendment will use \$7,864,662 of these available federal funds leaving \$253,558 of federal HSIP funds available for use on other projects in SFY 2016. These projects will use \$863,628 of local match funds provided by various local agencies from SP 880M-SHL-16 leaving \$38,396 in funds for the local match for use on other 2016 HSIP projects.

See the table below for a summary of funds by setaside.

SP	Setaside			Funds Utilized			Setaside Remaining			# Projects
	Total \$	Federal \$	Other \$	Total \$	Federal \$	Other \$	Total \$	Federal \$	Other \$	
SP 880M-SHL-14	\$2,175,873	\$1,958,286	\$217,587	\$2,110,420	\$1,899,378	\$211,042	\$65,453	\$58,908	\$6,545	6
SP 880M-SHL-15	\$7,210,946	\$6,489,851	\$721,095	\$6,421,584	\$5,779,425	\$642,159	\$789,362	\$710,426	\$78,936	10
SP 880M-SHL-16	\$9,020,244	\$8,118,220	\$902,024	\$8,728,290	\$7,864,662	\$863,628	\$291,954	\$253,558	\$38,396	8
<b>Total</b>	<b>\$18,407,063</b>	<b>\$16,566,357</b>	<b>\$1,840,706</b>	<b>\$17,260,294</b>	<b>\$15,543,465</b>	<b>\$1,716,829</b>	<b>\$1,146,769</b>	<b>\$1,022,892</b>	<b>\$123,877</b>	<b>24</b>

Federal funds and local funds provided by SP 880M-SHL-14, SP 880M-SHL-15 and SP 880M-SHL-16 are sufficient to fully fund these regionally selected HSIP projects, therefore fiscal constraint is maintained.

**CONSISTENCY WITH MPO LONG RANGE PLAN:**

This amendment is consistent with the Metropolitan Council Transportation Policy Plan, adopted by the Metropolitan Council on November 10, 2010, with FHWA/FTA conformity determination established on February 23, 2011.

**AIR QUALITY CONFORMITY:**

- Subject to conformity determination .....\_\_\_\_\_
- Exempt from regional level analysis.....  X
- N/A (not in a nonattainment or maintenance area).....\_\_\_\_\_

The Minnesota Interagency Air Quality and Transportation Planning Committee has reviewed the proposed changes and determined the projects are either exempt from regional analysis (codes shown on attached list of projects) or non-classifiable.

Sincerely,

Brian Isaacson  
Director, Metro Program Management  
MnDOT

cc: Cindy Krumsieg, MN/DOT Metro Program Management  
Dan Erickson, MN/DOT Metro State Aid  
Heidi Schallberg, Metropolitan Council

## LIST OF PROJECTS

SEQ #	STATE FISCAL YEAR	A T P	ROUTE SYSTEM	PROJECT NUMBER (S.P. #) (Fed # if available)	AGENCY	DESCRIPTION include location, description of all work, & city (if applicable)	MILES	PROG	TYPE OF WORK	PROP FUNDS	TOTAL \$	FHWA \$	AC \$	FTA \$	TH \$	OTHER \$	AIR QUALITY CONFORMITY
	2015	M	LOCAL 999	107-030-007	City of Bloomington	Install Rectangular Rapid Flashing beacons w/minor rdwy improvements at 3 locations in the City of Bloomington	0	SH	LIGHTING	HSIP	\$189,600	\$170,640				\$18,960	S7
	2014	M	LOCAL 999	141-030-027	City of Minneapolis	Install overhead signal indications at various locations in the City of Mpls.	0	SH	SPOT IMPROVEMENT	HSIP	\$855,111	\$769,600				\$85,511	S7
	2016	M	LOCAL 999	141-030-028	City of Minneapolis	Install overhead signal indications at various locations in the City of Mpls.	0	SH	SPOT IMPROVEMENT	HSIP	\$2,576,311	\$2,327,880				\$248,431	S7

SEQ #	STATE FISCAL YEAR	AT P	ROUTE SYSTEM	PROJECT NUMBER (S.P. #) (Fed # if available)	AGENCY	DESCRIPTION include location, description of all work, & city (if applicable)	MILES	PRO G	TYPE OF WORK	PROP FUNDS	TOTAL \$	FHWA \$	AC \$	FTA \$	TH \$	OTHER \$	AIR QUALITY CONFORMITY
	2015	M	Various Locations	070-030-008	Scott County	Installation of ped count down timers at 37 locations in Scott County	0	SH	SPOT IMPROVEMENT	HSIP	\$399,600	\$359,640				\$39,960	S7
	2016	M	Various Locations	070-030-007	Scott County	Shoulder widening and paving on various roadways in Scott County	18	SH	GRADE AND SURFACE	HSIP	\$2,280,000	\$2,052,000				\$228,000	S4
	2014	M	CSAH 12	027-030-034	Hennepin County	Ground in edge line striping on CSAH 12 and CSAH 10	7.4	SH	STRIPING	HSIP	\$94,250	\$84,500				\$9,750	S4
	2015	M	CSAH 144	027-030-032	Hennepin County	Ground in edge line striping on CSAH 144 and CSAH 19	65.35	SH	STRIPING	HSIP	\$130,836	\$117,752				\$13,084	S4
	2015	M	CSAH 152	027-030-036	Hennepin County	Install Pedestrian Count down timers on CSAH 152, CSAH 81, and CSAH 3	0	SH	SPOT IMPROVEMENT	HSIP	\$276,048	\$248,443				\$27,605	S7
	2016	M	CSAH 159	027-030-033	Hennepin County	Ground in edge line striping at various locations in Hennepin County	9.93	SH	STRIPING	HSIP	\$908,922	\$818,030				\$90,892	S4
	2016	M	CSAH 152	027-030-035	Hennepin County	Install Pedestrian Count down timers on CSAH 152, CSAH 2, CSAH 33 and CSAH 153	0	SH	SPOT IMPORVMENT	HSIP	\$236,664	\$212,998				\$23,666	S7
	2014	M	Various Locations	062-030-016	Ramsey County	Red light confirmation lights and ped count down ped timers at various locations in Ramsey County	0	SH	SPOT IMPROVEMENT	HSIP	\$370,240	\$333,216				\$37,024	S7
	2014	M	CSAH 53 CSAH 30	062-630-059	Ramsey County	CSAH 53 and CSAH 30 - conversion of 4-lane to 3-lane	2.5	SH	GRADE AND SURFACE	HSIP	\$398,060	\$358,254				\$39,806	NC

SEQ #	STATE FISCAL YEAR	AT P	ROUTE SYSTEM	PROJECT NUMBER (S.P. #) (Fed # if available)	AGENCY	DESCRIPTION include location, description of all work, & city (if applicable)	MILES	PRO G	TYPE OF WORK	PROP FUNDS	TOTAL \$	FHWA \$	AC \$	FTA \$	TH \$	OTHER \$	AIR QUALITY CONFORMITY
	2014	M	Various Locations	002-030-007	Anoka County	Signal interconnect and Software system at various locations in Anoka County	35	SH	SIGNAL IMPROVEMENT	HSIP	\$393,120	\$353,808				\$39,312	TSS
	2014	M	CSAH 22	002-030-008	Anoka County	Intersection Lighting and wet reflective striping on CSAH 22 and CSAH 116	13.4	SH	LIGHTING AND STRIPING	HSIP	\$268,380		\$241,542 (payback in 2015)			\$26,838	S18
	2015	M	CSAH 18	002-030-006	Anoka County	Install embedded wet reflective striping	2.7	SH	STRIPING	HSIP	\$73,440	\$66,096				\$7,344	S4
	2016	M	CSAH 1	002-601-047	Anoka County	High Visibility Pavement Markings	5.6	SH	SIGNAL IMPROVEMENT	HSIP	\$303,240	\$272,916				\$30,324	S4
	2016	M	Various Locations	161-030-001	St. Anthony Village	Countdown timers, ped refuges, ped ramps, and sidewalk at various locations in the City of St. Anthony	0	SH	SPOT IMPROVEMENT	HSIP	\$770,154	\$693,138				\$77,015	S7
	2016	M	CSAH 11	019-611-011	Dakota County	CSAH 11 from Commonwealth Drive to Parkview Ln - Convert 4 lane rdwy to 3 lanes	1.4	SH	GRADE AND SURFACE	HSIP	\$855,000	\$769,500				\$85,500	NC
	2015	M	CSAH 15	082-615-028	Washington County	CSAH 15 (Manning Tr.) from South of Mendel Rd to North of 110th St - Construct left and right turn lanes	0.5	SH	SPOT IMPROVEMENT	HSIP	\$393,600	\$354,240				\$39,360	E1



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	2015	M	CSAH 14	010-030-007	Carver County	CSAH 14 at various locations in Carver County - Ped countdown timers, yellow arrows adv walk cycle, ADA improvements	0	SH	SPOT IMPROVEMENT	HSIP	\$535,680	\$482,112				\$53,568	S7
	2015	M	LOCAL 999	132-030-003	City of Hopkins	Main St. from 5th Av to 13th Av - Push Button, Ped count down timers, APS, & ADA Improvements at 9 intersections	0	SH	SPOT IMPROVMENT	HSIP	\$734,400	\$660,960				\$73,440	S7
	2015	M	I-35		MnDOT	Construct cable median barrier from CSAH 10 to CSAH 1	7.4	SH	MEDIAN BARRIER	HSIP	\$1,800,000	\$1,620,000				\$180,000	S9
	2015	M	TH 52		MnDOT	Construct cable median barrier from CSAH 46 to N Jct of TH 55	8.1	SH	MEDIAN BARRIER	HSIP	\$1,620,000	\$1,458,000				\$162,000	S9
	2016	M	Various Locations		MnDOT	Install ground in wet reflective edge marking	6.5	SH	STRIPING	HSIP	\$798,000	\$718,200				\$79,800	S4
	2014	M	Various	SP 880M-SHL-14	MnDOT	Metro ATP HSIP Setaside FY 2014		SH	BUDGET MODIFICATION	HSIP	\$65,453	\$58,908				\$6,545	NC
	2015	M	Various	SP 880M-SHL-15	MnDOT	Metro ATP HSIP Setaside FY 2015		SH	BUDGET MODIFICATION	HSIP	\$789,362	\$710,426				\$78,936	NC
	2016	M	Various	SP 880M-SHL-16	MnDOT	Metro ATP HSIP Setaside FY 2016		SH	BUDGET MODIFICATION	HSIP	\$291,954	\$253,558				\$123,877	NC