

**Transportation Advisory Board**  
of the Metropolitan Council of the Twin Cities

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**ACTION TRANSMITTAL**

No. 2011-18

**DATE:** February 9, 2011  
**TO:** Transportation Advisory Board  
**FROM:** Technical Advisory Committee  
**SUBJECT:** TIP Amendment Request for Metro Transit: TIGGER II Section 5309 Funds to Install Geothermal Heating/Cooling System in O&M and Support Facility.  
**MOTION:** That the TAB adopt an amendment to the 2011-2014 TIP to include Metro Transit: TIGGER II Section 5309 Funds to Install Geothermal Heating/Cooling System in O&M and Support Facility.

**BACKGROUND AND PURPOSE OF ACTION:** Metro Transit was awarded a TIGGER II grant to install a geothermal heating and cooling system in lieu of a more typical gas combustion system. The geothermal system will reduce greenhouse gas emissions from the facility. This project is funded with new funds and is exempt from air quality conformity analysis. Additional background material is attached.

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**ROUTING**

<b>TO</b>	<b>ACTION REQUESTED</b>	<b>DATE COMPLETED</b>
TAC Funding & Programming Committee	Review & Recommend	January 20, 2011
Technical Advisory Committee	Review & Recommend	February 2, 2011
TAB Programming Committee	Review & Recommend	
Transportation Advisory Board	Review & Adopt	
Metropolitan Council	Concurrence	



January 13, 2011

Karl Keel, Chair  
 TAC Funding & Programming Committee  
 390 North Robert Street  
 St. Paul MN 55101

Re: TIP/STIP Amendment to add FTA Sect 5309 Discretionary Award Funds for the Hiawatha Light Rail Transit O&M and Support Facility

Dear Mr. Keel:

Please consider this formal request from Metro Transit to amend the Minnesota 2011 – 2014 Transportation Improvement Program (TIP) for the Twin Cities, Minnesota. This project is being submitted with the following information:

**PROJECT IDENTIFICATION:**

STATE FISCAL YEAR	ATP	DIST	ROUTE SYSTEM	PROJECT NUMBER(S.P. #)	AGENCY	DESCRIPTION	MILES
2011	M	M	BB		Met Council - MT	Section 5309: Hiawatha LRT - Install geothermal heating/cooling system in O&M and Support Facility (Tigger II Funds)	0

PROG	TYPE OF WORK	PROP FUNDS	TOTAL \$	FHWA \$	AC \$	FTA \$	TH \$	OTHER \$
B3	Bus Grant Capital Improvement	FTA	\$1,500,000	\$0	\$0	\$1,200,000	\$0	\$300,000

**PROJECT BACKGROUND:**

- 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).

This project has received FTA 5309 discretionary funds as part of the TIGGER II grant. These funds will enable the project to install a geothermal heating and cooling system in lieu of a more typical gas combustion system. The geothermal system will reduce greenhouse gas emissions from the facility.

A service of the Metropolitan Council

