

T Transportation Committee
For the Metropolitan Council meeting of March 30,
2011

ADVISORY INFORMATION

Date March 15, 2011
Prepared:
Subject: 2011-2014 TIP Amendment Metro Transit: TIGGER II Section 5309 Funds to
Install Geothermal Heating/Cooling System in O&M and Support Facility

Proposed Action:

That the Metropolitan Council concur with the Transportation Advisory Board (TAB) action to amend the 2011-2014 Transportation Improvement Program to include Metro Transit: TIGGER II Section 5309 funds to install geothermal heating/cooling system in O&M and support facility.

Summary of Committee Discussion / Questions:

Carl Ohrn, MTS Planning Analyst, presented this item to the committee. This project was awarded as part of a national competition involving new funds.

Motion by Schrieber, seconded by Smith, motion passed unanimously.

Motion by Brimeyer, seconded by Duininck and passed, that this item can proceed to the full Council as a Consent Item.

T Transportation Committee

Meeting date: March 14, 2011

Metropolitan Council meeting March 23, 2011

ADVISORY INFORMATION

Date:	February 18, 2011
Subject:	2011-2014 TIP Amendment Metro Transit: TIGGER II Section 5309 Funds to Install Geothermal Heating/Cooling System in O&M Support Facility
District(s), Member(s):	District 8 - Duininck
Policy/Legal Reference:	TAB Action
Staff Prepared/Presented:	Arlene McCarthy, Director (651-602-1754) Amy Vennewitz, Dep. Dir. Finance & Planning 651-602- 1058) Carl Ohrn, Planning Analyst (651-602-1719)
Division/Department:	Metropolitan Transportation Services

Proposed Action

That the Metropolitan Council concur with the Transportation Advisory Board (TAB) action to amend the 2011-2014 Transportation Improvement Program (TIP) to include a Metro Transit project that will use federal TIGGER II Section 5309 funds to install a geothermal heating/cooling system in the Hiawatha LRT operations and maintenance support facility.

Background

Metro Transit was awarded a TIGGER II grant (Transit Investments for Greenhouse Gas and Energy Reduction) based on a national competitive program solicitation. This project for a total of \$1,500,000 (\$1,200,000 federal, \$300,000 local) will allow Metro Transit to install a geothermal heating system for the expanded Hiawatha LRT Operations and Maintenance Support Facility. The expansion is needed to accommodate the addition of the three-car train LRT service.

Rationale

The project must be in the current TIP in order to use federal transportation funds. The TAC and TAB have reviewed the project and recommend it to the Council for approval.

Funding

This project will utilize new Federal Section 5309 TIGGER II funds and local match using Regional Transit Capital (RTC) funds.

Known Support / Opposition

No opposition was presented at the TAC or TAB meetings.

Transportation Advisory Board

of the Metropolitan Council of the Twin Cities

Bill Hargis
Chair

March 8, 2011

County Commissioners

Andy Westerberg
Anoka County

Randy Maluchnik
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
Chanhausen City Council

Julia Whalen
Champlin City Council

James Hovland
Mayor of Edina

Becky Petryk
Hugo City Council

Will Rossbach
Mayor of Maplewood

Robert Lilligren
Minneapolis City Council

Russ Stark
St. Paul City Council

Citizen Members - Precinct

Andrew Reinhardt - A
Thomas Heffelfinger - B

James Meyers - C
Chuck Haik - D

Bart Ward - E
Bill Hargis - F

Jill Smith - G
Ken Johnson - H

Agency Representatives

Peggy Leppik
Metropolitan Council

Scott McBride
Minnesota DOT

Lisa Peilen
M.A.C.

David Thornton
M.P.C.A.

Modal Representatives

Richard Mussell
Transit

Matthew Craig
Transit

Ron Have
Freight

David Gepner
Non-motorized

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

Ms. Haigh,

On February 16, 2011, the Transportation Advisory Board voted to amend the 2011-2014 Transportation Improvement Program to include TIGGER II Section 5309 Funds to install a geothermal heating/cooling system in the Hiawatha LRT Operations & Maintenance and Support Facility.

TIGGER stands for the Transit Investments for Greenhouse Gas and Energy Reduction (TIGGER) Program. Managed by FTA's Office of Research, Demonstration and Innovation in coordination with the Office of Program Management and Regional Offices, the TIGGER Program works directly with public transit agencies to implement new strategies for reducing greenhouse gas emissions or reduce energy usage from their operations. These strategies can be implemented through operational or technological enhancements or innovations.

The TAB forwards the TIP amendment action to the Metropolitan Council along with additional information described in TAB action transmittal 2011-18.

Sincerely,



for Bill Hargis,
Chair

Transportation Advisory Board
of the Metropolitan Council of the Twin Cities

ACTION TRANSMITTAL

No. 2011-18

DATE: March 8, 2011
TO: Metropolitan Council
FROM: Transportation Advisory Board
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: The TAB adopted 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.

TIGGER stands for the Transit Investments for Greenhouse Gas and Energy Reduction (TIGGER) Program. TIGGER II is the second round of grant awards in the Federal Register on January 31, 2011. Twenty-seven (27) projects consisting of a wide range of technologies in localities across the country have been selected for implementation. These projects encourage the use of wayside energy technologies; electric bus operations, geothermal installations, and other energy saving enhancements to assist transit agencies manage their energy usage.

Additional background material is attached.

ROUTING

TO	ACTION REQUESTED	DATE COMPLETED
TAC Funding & Programming Committee	Review & Recommend	January 20, 2011
Technical Advisory Committee	Review & Recommend	February 2, 2011
TAB Programming Committee	Review & Recommend	February 16, 2011
Transportation Advisory Board	Review & Adopt	February 16, 2011
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

