

# T Transportation Committee

Meeting date: October 22, 2007

For the Metropolitan Council Meeting November 14, 2007

## ADVISORY INFORMATION

<b>Date:</b>	October 17, 2007
<b>Subject:</b>	2007-55: 2007-2010 Transportation Improvement Program (TIP) Amendment and 2008-2011 TIP Amendment, Pilot Program to Retrofit Diesel On-Road Public Vehicles (TAB Action 2007-55)
<b>District(s), Member(s):</b>	All
<b>Policy/Legal Reference:</b>	TAB Action
<b>Staff Prepared/Presented:</b>	Arlene McCarthy, Director MTS (651-602-1754) Amy Vennewitz, Dep. Dir. Finance & Planning MTS (651-602-1058) Carl Ohrn, Planning Analyst MTS (651-602-1719)
<b>Division/Department:</b>	Metropolitan Transportation Services

### Proposed Action/Motion

That the Metropolitan Council concur with the Transportation Advisory Board (TAB) action to amend the 2007-2010 TIP and the Draft 2008-2011 TIP to include SP# CM-7-BIO: MPCA Pilot Program to Retrofit On-Road Public Vehicles.

### Issue(s)

The TAB approved funding this pilot program with \$500,000 CMAQ funds at its September 19, 2007 meeting. The MPCA will provide the local match, which will allow 200 on-road public vehicles to be retrofitted to reduce CO, fine particulate matter and hydrocarbons.

The TIP fiscal balance will be maintained by using the obligation authority for a regionally selected project which has been dropped. This MPCA Pilot Program project is exempt from project and regional air quality conformity analysis, and the project is consistent with the region's Transportation Policy Plan.

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

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**ACTION TRANSMITTAL**

**No. 2007-55**

**DATE:** September 20, 2007  
**TO:** Technical Advisory Committee  
**FROM:** TAC Funding and Programming Committee  
**SUBJECT:** 2007-2010 TIP Amendment, Pilot Program to Retrofit Diesel On-Road Public Vehicles

**MOTION:** That the Transportation Advisory Board amends the 2007-2010 Transportation Improvement Program (TIP) to include SP# CM-7-BIO: MPCA Pilot Program to Retrofit On-Road Public Vehicles.

**BACKGROUND AND PURPOSE OF ACTION:** The TAB approved funding this pilot program with \$500,000 in CMAQ funding at its September 2007 meeting. The work on this project is to retrofit a minimum of 200 MnDOT, Hennepin County, Ramsey County, City of Minneapolis, and City of St Paul on-road public vehicles with diesel oxidation catalysts. This retrofit will have direct air quality benefits in reducing CO, fine particulate matter, and hydrocarbons. In order for these funds to become available immediately, a TIP amendment is required. MPCA is providing the 20% local match.

Additional background material is attached.

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***ROUTING***

<b>TO</b>	<b>ACTION REQUESTED</b>	<b>DATE COMPLETED</b>
Funding & Programming Committee	Review & Recommend	September 20, 2007
Technical Advisory Committee	Review & Recommend	October 3, 2007
TAB Programming Committee	Review & Recommend	October 17, 2007
Transportation Advisory Board	Review & Adopt	October 17, 2007
Metropolitan Council	Concurrence	



**Minnesota Department of Transportation**

**Metro District**  
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 Roseville, MN 55113

Office Telephone: (651) 234-7793  
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September 20, 2007

Timothy Mayasich, Chair  
 TAC Funding and Programming Committee  
 Metropolitan Council  
 390 N. Robert Street  
 St. Paul, Minnesota 55101

Re: Amendment to the Twin Cities 2007-2010 Transportation Improvement Program (TIP)  
 State Project Number: CM-7-BIO

Dear Mr. Mayasich:

Please amend the 2007 – 2010 Transportation Improvement Program (TIP) to include this project in 2008. This project is being submitted with the following information:

**PROJECT IDENTIFICATION:**

STATE FISCAL YEAR	ATP	DIST	ROUTE SYS	PROJECT NUMBER (S.P. #) (Fed # if available)	AGENCY	DESCRIPTION include location, description of all work, & city (if applicable)	MILES
2008	M	M	CMAQ	CM-7-BIO	MPCA	Pilot program to retrofit diesel on-road public vehicles	0

PROG	TYPE OF WORK	PROP FUNDS	TOTAL \$	FHWA Target	HPP \$ (currentl y avail. In 2005 or pooled)	Earmark \$	FHWA Target AC \$	HPP AC \$	TH \$	OTHER \$
NA	APPU	CMAQ	625,000	500,000	0	0	0	0	0	125,000

**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 STIP).

Reducing emissions from diesel engines is one of the most important air quality challenges facing our country, according to the U.S. Environmental Protection Agency (EPA). The work of this project is to retrofit a minimum of 200 Minnesota Department of Transportation, Hennepin County, Ramsey County and the City of Minneapolis on-road vehicles with diesel oxidation catalysts (DOC's). The total emission reductions from each retrofit are from carbon monoxide (30%), fine particulate matter (20%) and hydrocarbons (50%). This retrofit provides a direct solution for improving regional air quality in the Twin Cities area.

This amendment is needed to identify the project in the current 2007-2010 TIP, using \$500,000 CMAQ funds, contingent on a positive recommendation for funding by the TAB at its September 19, 2007 meeting. The MPCA will provide the 20% match (\$125,000) for the project.

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\*   X
- Earmark or HPP not affecting fiscal constraint \_\_\_\_\_
- Other\*\* \_\_\_\_\_

\*Fiscal constraint is maintained by using the obligation authority of \$1,624,000 identified for project 27-090-12 Greenway @29<sup>th</sup> St. Ped/Bike Bridge (Sequence #1618) which has been dropped from SFY 2008 by Hennepin County. This will cover the \$500,000 of obligation authority needed for this project in SFY 2008. Available apportionment dollars for CMAQ will be applied to this project.

**AIR QUALITY CONFORMITY:**

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

\*Project Exempt Category : O-1 Specific activities which do not involve or lead directly to construction.

Timothy Mayasich  
September 20, 2007  
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**CONSISTENCY WITH MPO LONG RANGE PLAN:**

This amendment is consistent with the Metropolitan Council Transportation Policy Plan, adopted on December 15, 2004, with FHWA/FTA conformity determination established on February 1, 2005.

We are requesting approval of this TIP amendment at this time. If you have any questions, please contact David Thornton, Assistant Commissioner Minnesota Pollution Control Agency (651)284-0382.

Sincerely,

Sherry Narusiewicz  
Metro Planning Program Coordinator

cc:

Pat Bursaw, Director of Planning, Program Management and Passenger Rail  
Sherry Narusiewicz, Metro Program Management  
Marv Lunceford, Metro Program Management  
Innocent Eyoh, MPCA  
David Thornton, MPCA

# Transportation Advisory Board

## of the Metropolitan Council of the Twin Cities

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**Donn R. Wiski**  
Chair

October 18, 2007

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Anoka County

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Carver County

Paul Krause  
Dakota County

Linda Koblick  
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Ramsey County

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Mayor of Woodbury

Sandy Hewitt  
Plymouth City Council

James Hovland  
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Julia Whalen  
Champlin City Council

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James Meyers - C  
Chuck Haik - D

Bart Ward - E  
Donn Wiski - F

Jill Smith - G  
Ken Johnson - H

Agency Representatives

Peggy Leppik  
Metropolitan Council

Khani Sahebjam  
Minnesota DOT

Vacant  
M.A.C.

David Thornton  
M.P.C.A.

Modal Representatives

Richard Mussell  
Transit

Glenn Olson  
Transit

Ron Lifson  
Freight

David Gepner  
Non-motorized

Peter Bell, Chair  
Metropolitan Council  
Mears Park Centre  
230 E. Fifth Street  
St. Paul, MN 55101

Mr. Bell:

On October 17, 2007 the Transportation Advisory Board (TAB) voted to amend the current 2007-2010 Transportation Improvement Program (TIP) and the draft 2008-2011 TIP to include SP# CM-&-BIO, a pilot project to retrofit on-road diesel powered construction and maintenance vehicles with diesel oxidation catalysts and crankcase filters to reduce harmful pollutants. As part of this action, the TAB has provided \$500,000 of CMAQ funding from the 2007 regional solicitation.

The TAB forwards this action to the Metropolitan Council for concurrence along with additional information described in TAB action transmittal 2007-55.

Sincerely,

Donn Wiski, Chair  
Transportation Advisory Board

kjr/kjr