

APPENDIX D
Transportation Control
Measures (TCMs)
Implementation Reports
Air Quality Conformity
Analysis



National Capital Region
Transportation Planning Board



NATIONAL CAPITAL REGION

TRANSPORTATION PLANNING BOARD

MEMORANDUM

September 11, 2014

To: Files

From: Jane Posey
Senior Transportation Engineer

Subject: TCM Reporting: All TCMs Completed

The transportation conformity rule and the Clean Air Act require that Transportation Control Measures (TCMs) in approved State Implementation Plans (SIPs) be implemented in a timely manner according to the schedules in the SIP. If a nonattainment or maintenance area cannot determine that TCMs are meeting the timely implementation requirement, the Long Range Plan or Transportation Improvement Program does not conform.

Table F-1 lists all TCMs included in the Washington DC- Maryland-Virginia Region's 1-Hour Ozone SIP (adopted by the Metropolitan Washington Air Quality Committee-- MWAQC on 2/19/04), the 8-Hour Ozone SIP (adopted by MWAQC on 5/23/07), and the PM_{2.5} SIP (adopted by MWAQC on 3/7/2008). Following the table are TCM implementation status letters from the agencies responsible for the completion of each project. These letters confirm that all of the TCM's in Table F-1 were completed in a timely manner.

TABLE F-1
DC-MD-VA Region State Implementation Plan
TRANSPORTATION CONTROL MEASURES (TCMs)

ID	Description	Responsible Agency
DC-1	Bicycle Lane in D. C. (8 miles)	DDOT
DC-2	New CNG Powered Trash Trucks (2 Vehicles)	DDOT
DC-3	Bicycle Racks in D.C. (150 Racks)	DDOT
MD-1	Maryland Suburban Bus Replacements	MCG, PG
MD-2	Transit Parking Facilities (at Lake Forest, Tulagi, Germantown)	MDOT
MD-3	MARC Replacement/Expansion Coaches	MARC
MD-4	Bicycle Facilities	MDOT
MD-5	Park and Ride Facilities (at MD5/MD205, MD210/MD 373, I-270/MD 80)	MDOT
MD-6	Grosvenor Metro Garage (1300 spaces)	MDOT
MD-7	Maryland Park & Ride Lots (at MD 210/MD 373, I-270/ MD 124, MD 2/MD 4, MD 231/ Fairgrounds, MD 117/I-270, MD 2/MD 4)	MDOT
NV-1	Northern Virginia Districtwide Park-And-Ride Spaces (1872 spaces)	VDOT
NV-2	Transit Access Improvements (200 VRE Parking Spaces)	VDOT
NV-3	Purchase Of New Transit Buses (52 WMATA buses)	VDOT
NV-4	Improved Pedestrian Access	VDOT
NV-5	Construction of Bus Shelters (12 shelters)	City of Fairfax
NV-6	Park & Ride Spaces (3200 spaces)	VDOT
NV-7	Bicycle Lanes/Trails in Northern Virginia (12 miles)	VDOT
NV-8	Bicycle Lockers in Northern Virginia (100 lockers)	VDOT
NV-9	Hybrid Light Duty Vehicles (25 vehicles)	Fairfax County
NV-10	Bicycle Trails/Lanes in Northern Virginia (29 miles)	Arlington County P.W. County
NV-11	Sidewalk improvements in Northern Virginia (1.5 miles)	VDOT
NV-12	11 New CNG Buses in place of Diesel Buses	Arlington County
WM-1	Bicycle Racks on Buses (1458 racks)	WMATA
WM-2	ULSD; CRT Filters (886 buses)	WMATA
WM-3	CNG Buses (164 buses)	WMATA

NOTE: The projects in this list include all TCMs in the 1-Hour Ozone SIP (adopted by MWAQC 2/19/04), the 8-Hour Ozone SIP (adopted by MWAQC 5/23/07), and the PM_{2.5} SIP (adopted by MWAQC on 3/7/2008).

GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION



d. Policy, Planning and Sustainability Administration

August 11, 2014

Mr. Kanti Srikanth, Director
Department of Transportation Planning
Metropolitan Washington Council of Governments
777 North Capitol Street, N.E., Suite 300
Washington, D.C. 20002-4239

RE: Confirmation of Transportation Control Measures (TCMs) Completion

Dear Mr. Srikanth:

The Transportation Control Measures (TCMs) commitments made by the District Department of Transportation (DDOT) as a part of a regional coordinated effort to mitigate ozone emissions from on-road mobile sources have been completed as demonstrated in previous conformity determinations. The summary of the status remains unchanged in that all TCMs committed by DDOT have been completed. Listed below are the TCM projects in our jurisdiction, completion years, and reference to the provided documentation.

ID	Description	Completion Year	Reference
DC-1	Bicycle Lanes (8 miles)	2004	DDOT internal documents
DC-2	CNG Powered Refuse Haulers (2)	2004	DDOT Letter 6/6/2004
DC-3	Bicycle Racks (150)	2004	DDOT Letter 6/6/2004

Should you have any questions, please contact Mark Rawlings at (202) 671-2234 or mark.rawlings@dc.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "S Zimbabwe".

Sam Zimbabwe
Associate Director



Maryland Department of Transportation
The Secretary's Office

Martin O'Malley
Governor

Anthony G. Brown
Lt. Governor

James T. Smith, Jr.
Secretary

August 6, 2014

Mr. Gerald Miller
Co-Director of Transportation Planning (Acting)
Transportation Planning Board
Metropolitan Washington Council of Governments
777 N. Capitol Street, N.E., Suite 300
Washington, D.C. 20002-4239

Re: Confirmation of Transportation Control Measures (TCMs) Completion

Dear Mr. Miller,

The Transportation Control Measures (TCMs) commitments made by the Maryland Department of Transportation (MDOT) as part of a regional coordinated effort to mitigate ozone emissions from on-road mobile sources have been completed as demonstrated in previous conformity determinations. The summary of the status remains unchanged in that all of the TCMs that have been committed to by MDOT have been duly completed/implemented. Listed below are the TCM projects in our jurisdictional area, their completion years, and the reference to the documentation that had been provided:

ID	Description	Completion Year	Reference
MD-1	Maryland Suburban Bus Replacements	2003	MDOT letter 7/29/2003
MD-2	Transit Parking Facilities (@ Lake Forest, Tulagi, Germantown)	2003	MDOT letter 7/29/2003
MD-3	MARC Replacement/Expansion Coaches	2004	MDOT letter 7/29/2003
MD-4	Bicycle Facilities	2003	MDOT letter 7/29/2003
MD-5	Park & Ride Facilities (@ MD5/MD205, MD210/MD373, I-270/MD80	2003	MDOT letter 8/25/2004
MD-6	Grosvenor Metro Garage (1,300 spaces)	2004	Montgomery County email 7/30/2004
MD-7	Park & Ride Facilities (@ MD210/MD373, I-270/MD124, MD2/MD4, MD231/Fairgrounds, MD117/I-270, MD2/MD4)	2001	MDOT letter 9/3/2003

D-5

My telephone number is _____
Toll Free Number 1-888-713-1414 TTY Users Call Via MD Relay
7201 Corporate Center Drive, Hanover, Maryland 21076

Page Two
Mr. Gerald Miller

We appreciate your cooperation in this matter. If you have any questions or comments, please do not hesitate to me at 410-865-1279, toll-free at 888-713-1414 or via email at lerickson@mdot.state.md.us.

Thank You,



Lyn Erickson, Manager
Office of Planning and Capital Programming

Attachment

cc: Mr. Donald A. Halligan, Director, Office of Planning and Capital Programming
Maryland Department of Transportation
Ms. Heather Murphy, Deputy Director, Office of Planning and Capital Programming
Maryland Department of Transportation
Michael W. Nixon, Manager, Office of Planning and Capital Programming
Maryland Department of Transportation
Mr. Howard Simons, Air Quality Specialist, Office of Planning and Capital Programming
Maryland Department of Transportation



COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION

CHARLES A. KILPATRICK, P.E.
COMMISSIONER

4975 Alliance Drive
Fairfax, VA 22030

August 21, 2014

Mr. Kanathur Srikanth
Director of Transportation Planning
Transportation Planning Board
Metropolitan Washington Council of Governments
777 N. Capitol Street, N.E., Suite 300
Washington, D.C. 20002-4239

Re: Confirmation of Transportation Control Measures (TCMs) Completion

Dear Mr. Srikanth,

The Transportation Control Measures (TCMs) commitments made by our agency as part of a regional coordinated effort to mitigate ozone emissions from on-road mobile sources have been completed in a timely manner and consistent with the agreed upon schedule. Listed below are the TCM projects in our jurisdictional area and their completion years:

ID	Description	Completion Year
VA-1	Northern Virginia Districtwide Park & Ride Facilities (1,872 Parking Spaces)	1996-1999
VA-2	Transit Access Improvements (200 VRE Parking Spaces)	1994 & 2002
VA-3	Purchase of New Transit Buses (52 WMATA Buses)	1995-1996
VA-4	Improved Pedestrian Access	2001-2004
VA-5	Construction of Bus Shelters (12 Shelters)	2000-2004
VA-6	Park & Ride Facilities (3,200 Parking Spaces)	2000-2002
VA-7	Northern Virginia Bicycle Lanes/Trails (12 miles)	1999-2003
VA-8	Northern Virginia Bicycle Lockers (100 Lockers)	1997-2002
VA-9	Hybrid light Duty Vehicles purchase (25 Vehicles)	2002-2003
VA-10	Northern Virginia Bicycle Lanes/Trails (29 miles)	2000-2003
VA-11	Northern Virginia Sidewalk Improvements (1.5 miles)	2001-2003
VA-12	CNG Bus Replacements for Diesel Buses (11 Vehicles)	2002-2003

Thank you for the TPB's cooperation assistance and cooperation. Please contact me if you need any additional information.

Sincerely,

Norman Whitaker, AICP
Transportation Planning Manager
C: Maria Sinner, P.E.

D-7



August 5, 2014

Mr. Gerald Miller
Co-Director of Transportation Planning (Acting)
Transportation Planning Board
Metropolitan Washington Council of Governments
777 N. Capitol Street, N.E., Suite 300
Washington, D.C. 20002-4239

Re: Confirmation of Transportation Control Measures (TCMs) Completion

Dear Mr. Miller,

The Transportation Control Measures (TCMs) commitments made by our agency as part of a regional coordinated effort to mitigate ozone emissions from on-road mobile sources have been completed in a timely manner and consistent with the agreed upon schedule. Listed below are the TCM projects in our jurisdictional area and their completion years:

ID	Description	Completion Year
WM-1	Bicycle Racks on Buses (1,458 Racks)	2004
WM-2	Ultra Low Sulfur Diesel Fuel with CRT Filters (886 Buses)	2004
WM-3	CNG Buses Purchase (164 Buses)	2004

**Washington
Metropolitan Area
Transit Authority**

600 Fifth Street, NW
Washington, D.C. 20001
202/962-1234

Sincerely,

A handwritten signature in black ink, appearing to read 'Shyam Kannan'.

Shyam Kannan
Managing Director
Office of Planning

By Metrorail:
Judiciary Square-Red Line
Gallery Place-Chinatown
Red, Green and
Yellow Lines

A District of Columbia
Maryland and Virginia
Transit Partnership