

# **APPENDIX I**

## **TERMs Implementation Reports**

**From:** Hodgson, Fred R [mailto:Randy.Hodgson@VDOT.Virginia.gov]  
**Sent:** Wednesday, September 29, 2010 1:44 PM  
**To:** Anant Choudhary  
**Cc:** Srikanth, Kanathur N.; Allahdoust, Fatemeh; McDonald, Robert, P.E.  
**Subject:** TERMS Status Report

Sir: Attached is the updated TERMS Status Report for the NoVa District. The changes are shown in purple. Please let me know if you have any questions. Thank you. Randy Hodgson

<<TERM Status Report FY11 TIP.xls>>

Randy Hodgson, AICP

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**Transportation Emission Reduction Measures - Status Report For Post Year 2000 TERMS  
FROM VDOT FOR FY 2010- 2015 TIP AND 2009 CLRP Changes made during this review are in bold font.**

TERM No.	CREDIT TAKEN	TIP CREDITED	AGENCY	PROJECT	IMPLEMENTATION STATUS				STATUS REPORT	Project Category *
					FULL	SCALED BACK	UNDER-WAY	REMOVED		
56	X	1995-00	VDOT	Cherry Hill VRE Access				X	Complete construction -July 2008 <b>Developer defaulted on project, so no timetable to providing access.</b>	C (TCM)
69	X	1995-00	ARLG / FFX CO.	Bicycle Trails and Facilities (Arlington & Fairfax Co. - 7 locations)	X		X		Projects 4 & 6 incomplete due to incomplete funding. Project #6 projected to be complete in 2008, and Project # 4 projected to be completed in mid 2009. Project 3 revised to sidewalks & wide-curb lanes only, not bike lanes. All others complete. #4 - Phase I of project under construction. Phase 2 in final design. Possible construction in 2010 depending upon funding. #6 - Project design complete but underfunded. Negotiating with National Park Service which could result in reduced costs.	C
70	X	1995-00	VDOT		X		X		Burke station completed 2001. Phase 2 completed in 2007, improved geometry on Rte. 630 between Brooke High School and Rte. 629. Phase 3 replacing Rte. 630 bridge over railroad crossing expected to be completed after Six Year Plan Only change is possibility of securing ARRA Stimulus funds to advance bridge replacement to a Jan.2010 Ad. Otherwise, bridge replacement set for July 2012.	C
82	X	1996-01	ARLG / FF	Old Dominion Drive Bike Trail			X		Arlington completing design review and permitting. Construction anticipated in early 2008. Contract to construct Phase I of bike lanes& sidewalks awarded. Construction in summer '09. Construction of Phase 2 expected to occur in 2010.	C
117	X	1998-03	ARLG	Arlington County Four Mile Run Bike Trail	X				Construction commenced September, 2007, to be completed March, 2009. Project now complete.	C
127	X	1999-04	VDOT	VA 234 Bike Trail	X				Completion by 2008. PWC reports that trail should be finished by 12/30/09.	C
136	X	2000-05	VDOT	Columbia Pike Trail - Now named Cross County Trail	X				Construction of Phase 2 (Cross County Trail - Accotink Stream Valley-Lake Accotink dam to Hunter Village Drive) includes three bridge crossings and an underpass of Old Keen mill Rd began in spring 2008 and scheduled to be complete summer 2009. Project completed in March 2009.	C
137	X	2000-05	VDOT	Lee Highway trail	X				Project complete & open to public.	C
177	X	2003-08	VDRPT	Interactive Rideshare & Kiosk Initiative	X				Phase I of project to be complete in January, 2008 and then Phase II will start. DRPT states that Phase I of TDM software System complete.Phase II mostly complete, & Phase III began in July.	C
190	X	2003-08	VDOT	Employer Vanpool Program (Bridge Bucks)	X				Pilot program started in 2004. Funded till 2008. Program completed with opening of bridge.	C
191	X	2003-08	LOU CO.	Town of Leesburg P&R Lot (150 spaces)	X				Project scheduled for completion in late 2008 or early 2009. County reports that P&R lot under construction, planned completion,Jan 2010.	C
221	X	1995-00	REGION	M-24 Sped Limit Adherence	X				This program has been underway since about 2000 and is anticipated to continue at least thru 2013.	TR

1. These TERM projects were a one-time, limited term (two years) infusion of funding from NoVa to support extra activities.

2010 UPDATES :

#69 - Bicycle Trail Facilities. #4 - Phase 1 was completed. Phase 2 is in final design and \$250,000 short on construction.

Want to build in 2011 provided that County bond money becomes available. Revenue Sharing request was denied. #6

Project is still in design and need of supplemental; funding. Hope for construction in late 2011 or 2012 providing get grant.

#82 Old Dominion Drive. Phase 1 completed in 2010. Phase 2 in final design and right of way acquisition. Funds for construction largely secured and construction expected in 2011.

#70 - Fredericksburg District Projects . Fredericksburg officials indicate that the Rte. 630 Bridge over Railroad is now under Construction.

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-----Original Message-----

From: Lyn Erickson [mailto:lerickson@mdot.state.md.us]  
Sent: Monday, September 13, 2010 12:05 PM  
To: Reena Mathews; Daivamani Sivasailam; Vaughn Lewis; Eric Beckett  
Cc: Howard Simons  
Subject: FW: TERMS Tracking - review, comment and add by Sept 10

Hi Siva-

Here are our comments on the TERMS tracking sheet. If you have trouble reading them, please let us know and we'll get you something cleaner. I haven't gotten anything yet from MTA so there still is the potential for more comments, but there won't be many. Thanks!

Lyn

Lyn Erickson, AICP  
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7201 Corporate Center Drive  
Hanover, MD 21076  
W410-865-1279  
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From: Reena Mathews  
Sent: Friday, September 10, 2010 3:35 PM  
To: Lyn Erickson  
Cc: Howard Simons; Vaughn Lewis; Eric Beckett; Roy Gothie; L'Kiesha Markley  
Subject: RE: TERMS Tracking - review, comment and add by Sept 10

Hi Lyn,

Let me know if you have a problem reading our comments.

Reena Mathews

410-545-5668

EXHIBIT 25  
 TERM TRACKING SHEET  
 TRANSPORTATION EMISSION REDUCTION MEASURES  
 Part A - Daily Ozone Precursor Emissions

6906

\* Project Category: TR - Traffic Stream, C - Commute, H - Heavy Duty Vehicles (Engine Technology), SP - Specific Vehicle Type, TCM - Transportation Control Measures


NO#	CREDIT TAKEN	TIP	AGENCY	PROJECT	IMPLEMENTATION STATUS				ORIGINAL COMPLETION DATE	ACTUAL COMPLETION DATE	EMISSIONS						Project Category*
					FULL	SCALED-BACK	UNDER-WAY	REM			2010		2020		2030		
											VOC	NOX	VOC	NOX	VOC	NOX	
219	X	2003-08	VDOT	MV-123 Employer Outreach for Public Sector Employees <sup>2</sup>	X				2005	2003	0.0147	0.0210	0.0086	0.0090	0.0077	0.0076	C
220	X	2003-08	REGION	Signal System Optimization	X				2005	2005	0.4155	0.1468	0.2445	0.0463	0.2204	0.0323	TR
221		2007-12	MDOT	Two P & R Lots in Frederick County (70 spaces)	X				2007	2008	0.0006	0.0011	0.0003	0.0005	0.0003	0.0004	C
Available Emissions Credits											2.325	4.497	1.406	1.088	1.270	0.756	

<del>222</del>			MDOT	Park and Ride Lot US 340 (Frederick CO) expanded 66-97 spaces	X				2009	2007							
<del>223</del>			MDOT	" US 340 Mt Zion Rd. new lot 37 spaces					2008	2008							
<del>224</del>			MDOT	Park/Ride I-70 @ 355 (Frederick County) new lot 100 spaces			X		2010	2010							
<del>225</del>			MDOT	US 340 Mt Zion Rd Expansion 39 new spaces					2011	2011							
<del>226</del>			MDOT	I-270 @ MD80 North Lot Expansion 164 New Spaces					2009	2009							
<del>227</del>			MDOT	Signal Systems Review					2010	ongoing							

OOTS reviews the signal systems every 3 years (400 signals a year) They estimate that they save between 600,000-1M hours of delay, hundreds of thousands of fuel saved, and reduced emissions. The Annual User Cost Savings is between \$20 and \$30 million. This is statewide.

<del>228</del>			MDOT	Takoma Langley Transit Center ↳ Check with MTA					2012	2012							
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**MEMORANDUM**

**DATE:** July 8, 2009  
**TO:** FY2010-2015 TIP Air Quality Conformity File  
**FROM:** Nicholas W. Ramfos, Director   
 Alternative Commute Programs  
**SUBJECT:** Implementation of Commuter Connections Regional Transportation Emission Reduction Measure (TERMs)

The Commuter Connections regional TERM projects programmed and implemented for the FY95, FY96, FY97 and FY98 Transportation Improvement Programs (TIP) for the Washington metropolitan region for the purpose of reducing Nitrogen Oxides and Volatile Organic Compound emissions and achieving air quality conformity for the TIP include Employer Outreach, Guaranteed Ride Home, Telework Resource Center, Integrated Rideshare programs, and the Mass Marketing TERM (M-101a) adopted in the FY 97-02 TIP and advanced for implementation in the FY 98-03 TIP. In addition to the above pollutants the programs reduce PM 2.5, and Pre-cursor NOx which the region needs to mitigate.

Impact results for each of these TERMS were produced through a vigorous evaluation methodology implemented by Commuter Connections staff and several consulting firms.

An analysis report was completed in 2008 and the emissions benefit in 2008 is as shown below.

TERM Number	TERM Name	VOC (T/Day)	NOx (T/Day)	PM 2.5 Annual Tons	Precursor NOx Annual Tons
M-92	Telework Resource Center	0.126	0.211	1.3	50
M-47C	Guaranteed Ride Home	0.056	0.106	0.7	25.2
M-47C	Employer Outreach	0.102	0.178	2.9	109.7
M-70B	Employer Outreach – Bicycle	0.001	0.001	0.0	0.2
M-47*	Integrated Rideshare	0.016	0.027	0.2	6.4
M-101A	Mass Marketing	0.017	0.032	0.2	7.6

\*Virginia discontinued the kiosk project portion of the TERM on December 31, 2006.

## Jane Posey

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-----Original Message-----

From: Kristin M. Haldeman [mailto:khaldeman@wmata.com]

Sent: Monday, September 25, 2006 9:32 AM

To: Daivamani Sivasailam

Cc: Nat Bottigheimer; Tomika Hughey; Thomas Harrington; Wendy Jia

Subject: WMATA projects on the TERM Tracking Sheet

Two projects that WMATA had underway on the TERM Tracking sheet have been fully implemented. They are:

Item 143: Ultra Low Sulfur Diesel Fuel with CRT filters \* completed installation, June 2006

Item 197: 250 CNG buses \* completed purchase and in service, June 2006.

With this status report all the WMATA projects have been fully implemented.

Kristin Haldeman

Office of Business Planning & Project Development

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**From:** Casey, Austina (DDOT) [mailto:austina.casey@dc.gov]  
**Sent:** Tuesday, September 28, 2010 10:17 AM  
**To:** Daivamani Sivasailam; Keys, Maurice (DDOT)  
**Cc:** Jane Posey; Anant Choudhary  
**Subject:** RE: TERMS

Hello Siva,

Thanks for sending me the information. Here is the update for the DC projects:

#	Project	Current Status	Updated Status
72	Bicycle Facility	Scaled back	Full
146	Bicycle Lane in D.C. (35 miles)	Underway	Full
225	M-103 Taxicab Replacement (DC)	None	Remove

Currently, I do not have any new projects to add to the list. Maurice and other DDOT Executives have to meet and decide on which ones need to be added to the TERMS tracking. I don't know when that meeting would occur but I will update you as soon as the decision is made.

Please let me know if you have any questions.

Thanks  
-Tina

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**From:** Daivamani Sivasailam [mailto:siva@mwcog.org]  
**Sent:** Monday, September 27, 2010 2:41 PM  
**To:** Casey, Austina (DDOT); Keys, Maurice (DDOT)  
**Cc:** Jane Posey; Anant Choudhary  
**Subject:** TERMS

Tina:

Find attached a copy of the tracking sheet with projects 221 through 224. Please send an email to remove project number "225" from the list. You need to report only on projects that are underway which is two or three in DC. Also if you can add new projects that have already been funded to the list it will be good since we have not added projects since FY 2003 TIP. The reported will be presented to the TPB Tech this Friday and the full report will be released for public comment next Thursday. We need comments by Wednesday so we can incorporate them for Friday's release.

Siva

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