

**ITEM 8- Action**  
July 20, 2005

Approval of Amendment to the FY 2005- 2010 Transportation Improvement Program (TIP) that is Exempt from the Air Quality Conformity Requirement to Include CMAQ Funding for Nine Projects, and Approval of Amendments to the FY 2006 Unified Planning Work Program (UPWP) as Requested by the Virginia Department of Transportation (VDOT)

**Staff**

- Recommendation:**
- Adopt Resolution R1-2006 to amend the FY 2005-2010 TIP as requested by VDOT.
  
  - Adopt Resolution R2-2006 to revise the Virginia Technical Assistance Program and to add projects funded under the Virginia State Planning and Research (SPR) Programs of the FY 2006 UPWP as requested by VDOT.

**Issues:** None

**Background:** VDOT has requested an amendment the FY 2005-2010 TIP to include Congestion Mitigation Air Quality (CMAQ) funding for nine projects, as described in the attached materials.

VDOT also has requested amendments to the FY 2006 UPWP to revise its Technical Assistance Program and to add projects and update project information in its SPR Program, as described in the attached materials.

**METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS  
NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD  
777 North Capitol Street, N.E.  
Washington, D.C. 20002**

**RESOLUTION ON AN AMENDMENT TO  
THE FY 2005-2010 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)  
THAT IS EXEMPT FROM THE AIR QUALITY CONFORMITY REQUIREMENT  
TO INCLUDE CONGESTION MITIGATION AIR QUALITY (CMAQ) FUNDING FOR  
NINE PROJECTS AS REQUESTED BY THE VIRGINIA DEPARTMENT OF  
TRANSPORTATION (VDOT)**

**WHEREAS**, the National Capital Region Transportation Planning Board (TPB), which is the metropolitan planning organization (MPO) for the Washington Region, has the responsibility under the provisions of the Transportation Equity Act for the 21<sup>st</sup> Century (TEA-21) for developing and carrying out a continuing, cooperative and comprehensive transportation planning process for the Metropolitan Area; and

**WHEREAS**, on November 17, 2004 the TPB adopted the 2004 Constrained Long-Range Transportation Plan (CLRP) and the FY 2005-2010 Transportation Improvement Program (TIP); and

**WHEREAS**, in the attached letter of July 13, 2005, VDOT has requested an amendment to the FY 2005-2010 TIP to include CMAQ funding for the following nine projects:

- addition of three projects in the I-95 / I-395 corridor to reconstruct HOV ramps;
- addition of a project to install glare screens on safety barriers on Northern Virginia's Interstate system; primarily on safety barriers separating HOV lanes from the Interstate main line lanes;
- addition of a project to optimize signal timings and systems operations on Northern Virginia's primary system;
- addition of a project to construct a roundabout at the intersection of VA 620 (Braddock Road) and VA 609 (Pleasant Valley Road) in Fairfax County;
- addition of a project to construct a left-turn lane on VA 234, southbound at VA 659 in Prince William County;
- addition of a project to install sensors for monitoring HOV traffic conditions on NoVA's Interstate system; and
- provision of additional funding for the program to provide incident management on I-395 and the 14th Street Bridge.

as described in the attached materials; and

**WHEREAS**, these projects are either included in the current conformity analysis or are

exempt from the air quality conformity requirement, as defined in Environmental Protection Agency (EPA) regulations “40 CFR Parts 51 and 93 Transportation Conformity Rule Amendments: Flexibility and Streamlining; Final Rule,” issued in the August 15, 1997 *Federal Register*,

**NOW, THEREFORE, BE IT RESOLVED THAT** the Steering Committee of the National Capital Region Transportation Planning Board amends the FY 2005-2010 TIP to include CMAQ funding for the nine projects, as described in the attached materials.



# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF TRANSPORTATION

14685 Avion Parkway  
Chantilly, VA 20151  
(703) 383-VDOT (8368)

**GREGORY A. WHIRLEY**  
ACTING COMMISSIONER

**DENNIS C. MORRISON**  
DISTRICT ADMINISTRATOR

July 13, 2005

National Capital Region  
Transportation Improvement Program Amendment

The Honorable Phil Mendelson  
Chairman, National Capital Region  
Transportation Planning Board  
Metropolitan Washington Council of Governments  
777 North Capitol Street, N.E., Suite 300  
Washington, DC 20002-4201

Dear Chairman Mendelson:

The Virginia Department of Transportation (VDOT) requests an amendment (attached) to the FY 2005-2010 Transportation Improvement Program (TIP). Table 1 (also attached) provides additional details on the individual projects included in the TIP amendment, including the reason(s) each project is included in this request, conformity status, and funding implications.

This TIP amendment proposes the following:

- addition of three projects in the I/95 / I-395 corridor to reconstruct HOV ramps;
- addition of a project to install glare screens on safety barriers on NoVA's Interstate system; primarily, on safety barriers separating HOV lanes from the Interstate main line lanes;
- addition of a project to optimize signal timings and systems operations on NoVA's primary system;
- addition of a project to construct a roundabout at the intersection of VA 620 (Braddock Road) and VA 609 (Pleasant Valley Road) in Fairfax County;
- addition of a project to construct a left-turn lane on VA 234, southbound at VA 659 in Prince William County;

The Honorable Phil Mendelson  
July 13, 2005  
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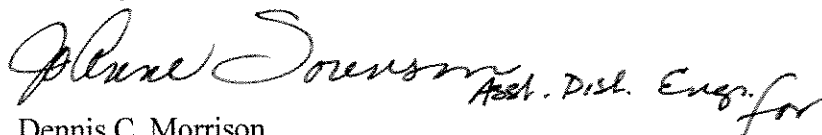
- addition of a project to install sensors for monitoring HOV traffic conditions on NoVA's Interstate system; and
- provision of additional funding for the program to provide incident management on I-395 and the 14th Street Bridge.

The projects and program described in the preceding list will not adversely affect the air quality conformity analyses performed for the FY-05 TIP. For further elaboration, please refer to Table 1. These projects and program will be funded with CMAQ funds. The allocation of these CMAQ funds will not impact present or future CMAQ allocations for distribution by the Northern Virginia Transportation Authority. It is our understanding that Virginia Division, FHWA, has confirmed the eligibility of the HOV ramp projects for CMAQ funding.

Given that the TPB does not meet in August and to improve its ability to obtain authorization for these projects in the current Federal fiscal year, which expires on September 30<sup>th</sup>; VDOT requests that this amendment be considered for approval by the TPB at its meeting on July 20, 2005.

Please call Jo Anne Sorenson at (703) 383-2461, if you need further information. Upon approval of this amendment, please furnish copies of the approval to Ms. Sorenson and to Mr. Ben Mannell in VDOT's Transportation and Mobility Planning Division. Thank you for your consideration of this request.

Sincerely,

 *Jo Anne Sorenson*  
Asst. Dist. Engr. for

Dennis C. Morrison

attachments

**NORTHERN VIRGINIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

PROPOSED TIP AMENDMENT - July 20, 2005

**FY 2005-2010**

Changes to existing entries are noted in **bold**.

Agency Project ID	Facility, Location, Description	Phase	FY04 TIP Entry	Carry Over	Annual Element FY 05	FY 06	FY 07	FY 08	FY 09	FY 10	Program Total FY 05-10	Funding Source	Funding Shares Fed/st/lo	
<b>VDOT INTERSTATE</b>														
<b>77260 (NEW)</b>	Facility: <b>I-95 HOV Ramp</b>	P.E.	0	0	<b>100</b>	0	0	0	0	0	<b>\$100</b>	<b>CMAQ</b>	<b>80%</b>	<b>20%</b>
	From: <b>@ VA 3000 (Horner Road PnR Lot)</b>	ROW	0	0	0	0	0	0	0	0	\$0			
	To: <b>Extend Accel &amp; Decel</b>	Const	0	0	0	0	0	0	0	0	\$0			
	Jurisdiction: <b>Prince William County,</b>	Extend the north-oriented acceleration and deceleration lanes on I-95 @ VA 3000 (Horner Rd Park & Ride lot).												
<b>77261 (NEW)</b>	Facility: <b>I-95 HOV NB Off-Ramp</b>	P.E.	0	0	<b>150</b>	0	0	0	0	0	<b>\$150</b>	<b>CMAQ</b>	<b>80%</b>	<b>20%</b>
	From: <b>@ Newington Flyover</b>	ROW	0	0	0	0	0	0	0	0	\$0			
	To: <b>Extend Decel</b>	Const	0	0	0	0	0	0	0	0	\$0			
	Jurisdiction: <b>Fairfax County,</b>	Extend the south-oriented acceleration and deceleration lanes for the I-95 HOV ramp @ the Newington Flyover.												
<b>77262 (NEW)</b>	Facility: <b>I-395 HOV NB Off-Ramp</b>	P.E.	0	0	<b>250</b>	0	0	0	0	0	<b>\$250</b>	<b>CMAQ</b>	<b>80%</b>	<b>20%</b>
	From: <b>@ Eads Street (Pentagon)</b>	ROW	0	0	0	0	0	0	0	0	\$0			
	To: <b>Extend Decel / Widen</b>	Const	0	0	0	0	0	0	0	0	\$0			
	Jurisdiction: <b>Arlington County,</b>	Extend / Reconstruct the I-395 HOV ramps within the cited limits.												
<b>77263 (NEW)</b>	Facility: <b>Interstate System</b>	P.E.	0	0	<b>50</b>	0	0	0	0	0	<b>\$50</b>	<b>CMAQ</b>	<b>80%</b>	<b>20%</b>
	From: <b>Glare Screens</b>	ROW	0	0	0	0	0	0	0	0	\$0			
	To: <b>Extend Decel / Widen</b>	Const	0	0	0	0	0	0	0	0	\$0			
	Jurisdiction: <b>District-wide,</b>	Install glare screens on safety barriers on the interstate system in NoVA; primarily, on HOV median barriers.												
<b>VDOT PRIMARY</b>														
<b>77184 (NEW)</b>	Facility: <b>Primary System</b>	P.E.	0	0	<b>700</b>	0	0	0	0	0	<b>\$700</b>	<b>CMAQ</b>	<b>80%</b>	<b>20%</b>
	From: <b>Signal Timings Optimization</b>	ROW	0	0	0	0	0	0	0	0	\$0			
	To: <b>&amp; Systems' Operations</b>	Const	0	0	0	0	0	0	0	0	\$0			
	Jurisdiction: <b>District-wide,</b>	Optimize Signal Timings and Systems' Operations on NoVA's Primary Roads.												

**NORTHERN VIRGINIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

PROPOSED TIP AMENDMENT - July 20, 2005

**FY 2005-2010**

Changes to existing entries are noted in **bold**.

Agency Project ID	Facility, Location, Description	Phase	FY04 TIP Entry	Carry Over	Annual Element FY 05	FY 06	FY 07	FY 08	FY 09	FY 10	Program Total FY 05-10	Funding Source	Funding Shares Fed/st/lo	
<b>VDOT SECONDARY</b>														
<b>77128 (NEW)</b>	Facility: <b>VA 620 (Braddock Road)</b>	P.E.	0	0	<b>150</b>	0	0	0	0	0	<b>\$150</b>	<b>CMAQ</b>	<b>80%</b>	<b>20%</b>
	From: <b>@ VA 609 (Pleasant Valley Road)</b>	ROW	0	0	0	0	0	0	0	0	\$0			
	To: <b>Construct Roundabout</b>	Const	0	0	0	0	0	0	0	0	\$0			
	Jurisdiction: <b>Fairfax County,</b>	Construct roundabout at the intersection of VA 620 (Braddock Road) and VA 609 (Pleasant Valley Road).												
<b>77077 (NEW)</b>	Facility: <b>VA 234 (Sudley Road)</b>	P.E.	0	0	<b>265</b>	0	0	0	0	0	<b>\$265</b>	<b>CMAQ</b>	<b>80%</b>	<b>20%</b>
	From: <b>@ VA 659 (Gum Spring Road)</b>	ROW	0	0	0	0	0	0	0	0	\$0			
	To: <b>Construct</b>	Const	0	0	0	0	0	0	0	0	\$0			
	Jurisdiction: <b>Prince William County</b>	Construct a left-turn lane on VA 234, southbound at VA 659.												
<b>VDOT ITS</b>														
<b>76859 (NEW)</b>	Facility: <b>Interstate ITS - HOV Monitoring</b>	P.E.	0	0	<b>400</b>	0	0	0	0	0	<b>\$400</b>	<b>CMAQ</b>	<b>80%</b>	<b>20%</b>
	From: <b>District-wide</b>	ROW	0	0	0	0	0	0	0	0	\$0			
	To: <b>I-66, I-95, &amp; I-395</b>	Const	0	0	0	0	0	0	0	0	\$0			
	Jurisdiction: <b>District-wide</b>	Install sensors for monitoring HOV traffic conditions.												
<b>VDOT TERMS</b>														
<b>69132</b>	Facility: <b>I-395 / 14th Street Bridge &amp; Memorial, Roosevelt &amp; Key Bridges</b>	P.E.	250	0	<b>250</b>	0	0	0	0	0	<b>\$250</b>	<b>CMAQ</b>	<b>80%</b>	<b>20%</b>
	From: <b>Memorial, Roosevelt &amp; Key Bridges</b>	ROW	0	0	0	0	0	0	0	0	\$0			
	To: <b>Incident Management</b>	Const	0	0	0	0	0	0	0	0	\$0			
	Jurisdiction: <b>Fairfax County</b>	Virginia and the District of Columbia will station incident response units on the north and southbound approaches to the 14th Street Bridge to respond more quickly in removing disabled vehicles from the travel lanes of the bridge, and to respond to incidents on the Memorial, Roosevelt and Key Bridges, when practicable.												

## Table 1

### Background Information on NoVA Projects Proposed for Amendment into the FY-05 TIP

Presented to the Transportation Planning Board  
July 20, 2005

Facility / Project:	I-95 HOV Ramp
Jurisdiction:	Prince William County
Limits / Location:	@ VA 3000 (Horner Road Park-and-Ride Lot)
Project Description:	Extend the length of the acceleration and deceleration lanes on the ramp connecting the I-95 HOV lanes to the Horner Road Park-and-Ride Lot.
Agency Project ID:	77260
Agency Project Number	0095-076-125
New CLRP Description Sheet required?	No, covered by existing CLRP description sheet.
New TIP Description Sheet required?	Yes, included in the TIP amendment package.
Reason(s) for Amendment:	Add project to FY-05 TIP; thereby, allowing authorization of funding in Federal fiscal year 2005.
Conformity Status:	Exempt from regional emissions analyses. "Interchange reconfiguration projects" are listed in Table 3 of 40 CFR §93.127 as activities that are "... exempt from regional emissions analysis requirements."
Financial Implications:	Adds \$100 K in CMAQ funding to the FY-05 TIP.

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Facility / Project:	I-95 HOV NB Off-Ramp
Jurisdiction:	Fairfax County
Limits / Location:	@ Newington Flyover
Project Description:	Extend the length of the deceleration lane on the ramp connecting the northbound I-95 HOV lanes to the northbound I-95 mainline lanes @ Newington.
Agency Project ID:	77261
Agency Project Number	0095-029-131
New CLRP Description Sheet required?	No, covered by existing CLRP description sheet.
New TIP Description Sheet required?	Yes, included in the TIP amendment package.
Reason(s) for Amendment:	Add project to FY-05 TIP; thereby, allowing authorization of funding in Federal fiscal year 2005.
Conformity Status:	Exempt from regional emissions analyses. "Interchange reconfiguration projects" are listed in Table 3 of 40 CFR §93.127 as activities that are "... exempt from regional emissions analysis requirements."
Financial Implications:	Adds \$150 K in CMAQ funding to the FY-05 TIP.



**Table 1**  
(Cont.)

Facility / Project:	I-395 HOV NB Off-Ramp
Jurisdiction:	Arlington County
Limits / Location:	@ Eads Street (Pentagon)
Project Description:	Extend the length of the deceleration lane on the ramp connecting the northbound I-395 HOV lanes to Eads Street (Pentagon). Widen this ramp for safety purposes, as well.
Agency Project ID:	77262
Agency Project Number	0395-000-108
New CLRP Description Sheet required?	No, covered by existing CLRP description sheet.
New TIP Description Sheet required?	Yes, included in the TIP amendment package.
Reason(s) for Amendment:	Add project to FY-05 TIP; thereby, allowing authorization of funding in Federal fiscal year 2005.
Conformity Status:	Exempt from regional emissions analyses. "Interchange reconfiguration projects" are listed in Table 3 of 40 CFR §93.127 as activities that are "... exempt from regional emissions analysis requirements."
Financial Implications:	Adds \$250 K in CMAQ funding to the FY-05 TIP.

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Facility / Project:	Interstate System
Jurisdiction:	District-wide
Limits / Location:	District-wide
Project Description:	Install glare screens on safety barriers on the interstate system in NoVA; primarily, on HOV median barriers.
Agency Project ID:	77263
Agency Project Number	GLSC-96A-101
New CLRP Description Sheet required?	No, covered by existing CLRP description sheet.
New TIP Description Sheet required?	Yes, included in the TIP amendment package.
Reason(s) for Amendment:	Add project to FY-05 TIP; thereby, allowing authorization of funding in Federal fiscal year 2005.
Conformity Status:	Exempt from the requirement to determine conformity. "Guardrails, median barriers, crash cushions " are listed in Table 2 of 40 CFR §93.126 as examples of projects that are, "... exempt from the requirement that a conformity determination be made."
Financial Implications:	Adds \$50 K in CMAQ funding to the FY-05 TIP.

**Table 1**  
(Cont.)

Facility / Project:	Primary System
Jurisdiction:	District-wide
Limits / Location:	District-wide
Project Description:	Optimize signal timings and systems' operations on NoVA's primary roads.
Agency Project ID:	77184
Agency Project Number:	STOS-96A-102
New CLRP Description Sheet required?	No, covered by existing CLRP description sheet.
New TIP Description Sheet required?	Yes, included in the TIP amendment package.
Reason(s) for Amendment:	Add project to FY-05 TIP; thereby, allowing authorization of funding in Federal fiscal year 2005.
Conformity Status:	Accounted for in FY-05 conformity input.
Financial Implications:	Adds \$700 K in CMAQ funding to the FY-05 TIP.

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Facility / Project:	VA 620 (Braddock Road) Roundabout
Jurisdiction:	Fairfax County
Limits / Location:	@ VA 609 (Pleasant Valley Road)
Project Description:	Construct a roundabout at the intersection of VA 620 (Braddock Road) with VA 609 (Pleasant Valley Road).
Agency Project ID:	77128
Agency Project Number:	0620-029-386
New CLRP Description Sheet required?	No, covered by existing CLRP description sheet.
New TIP Description Sheet required?	Yes, included in the TIP amendment package.
Reason(s) for Amendment:	Add project to FY-05 TIP; thereby, allowing authorization of funding in Federal fiscal year 2005.
Conformity Status:	Exempt from regional emissions analyses. "Intersection channelization projects" are listed in Table 3 of 40 CFR §93.127 as activities that are "... exempt from regional emissions analysis requirements."
Financial Implications:	Adds \$150 K in CMAQ funding to the FY-05 TIP.

**Table 1**  
(Cont.)

Facility / Project:	VA 234 (Sudley Road)
Jurisdiction:	Prince William County
Limits / Location:	@ VA 659 (Gum Spring Road)
Project Description:	Construct a left-turn lane on VA 234, southbound at VA 659.
Agency Project ID:	77077
Agency Project Number:	0234-076-138
New CLRP Description Sheet required?	Yes, included in the TIP amendment package.
New TIP Description Sheet required?	Yes, included in the TIP amendment package.
Reason(s) for Amendment:	Add project to FY-05 TIP; thereby, allowing authorization of funding in Federal fiscal year 2005.
Conformity Status:	Exempt from regional emissions analyses. "Intersection channelization projects" are listed in Table 3 of 40 CFR §93.127 as activities that are "... exempt from regional emissions analysis requirements."
Financial Implications:	Adds \$265 K in CMAQ funding to the FY-05 TIP.

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Facility / Project:	Interstate ITS - HOV Monitoring
Jurisdiction:	District-wide
Limits / Location:	Interstate system, District-wide
Project Description:	Install sensors for monitoring HOV traffic conditions.
Agency Project ID:	76859
Agency Project Number:	HOVM-96A-101
New CLRP Description Sheet required?	No, covered by existing CLRP description sheet.
New TIP Description Sheet required?	Yes, included in the TIP amendment package.
Reason(s) for Amendment:	Add project to FY-05 TIP; thereby, allowing authorization of funding in Federal fiscal year 2005.
Conformity Status:	Exempt from the requirement to determine conformity. "Traffic control devices and operating assistance other than signalization projects" are listed in Table 2 of 40 CFR §93.126 as examples of projects that are, "... exempt from the requirement that a conformity determination be made."
Financial Implications:	Adds \$400 K in CMAQ funding to the FY-05 TIP.

**Table 1**  
**(Cont.)**

Facility / Project:	I-395
Jurisdiction:	Arlington County, DC
Limits / Location:	@ the 14 <sup>th</sup> Street Bridge
Project Description:	Virginia and the District of Columbia will station incident response units on the north and southbound approaches to the 14th Street Bridge to respond more quickly in removing disabled vehicles from the travel lanes of the bridge, and to respond to incidents on the Memorial, Roosevelt and Key Bridges, when practicable.
Agency Project ID:	69132
Agency Project Number:	0395-000-102
New CLRP Description Sheet required?	No, covered by existing CLRP description sheet.
New TIP Description Sheet required?	No, covered by existing TIP description sheet.
Reason(s) for Amendment:	Add funding to FY-05 TIP; thereby, allowing authorization of funding in Federal fiscal year 2005.
Conformity Status:	Included among FY-05 conformity inputs.
Financial Implications:	Adds \$250 K in CMAQ funding to the FY-05 TIP.

**Transportation Improvement Program (TIP)**  
Proposed Project or Action Description Form  
FY 2005-2010

1. Agency: **VDOT**

Last Modified On: **7/12/2005**

2. Location and Jurisdiction

Facility: **I-95 HOV Ramp**  
From/At: **@ VA 3000 (Horner Road PnR Lot)**  
To: **Extend Accel & Decel**  
Jurisdiction: **Prince William County,**

3. Description of project or action:

**Extend the length of the acceleration and deceleration lanes for the I-95 HOV ramp that provides access to and from the Horner Road Park-and-Ride Lot.**

**No bicycle/pedestrian accommodations included.**

4. Project Status

**New project.**

5. Environmental Review

**Proposed Categorical Exclusion**

6. Funding and Schedule Information

Date of completion or implementation: **2006**

Source	FY	Amount (x \$1,000)	Phase	% Fed/State/Loc
<b>CMAQ</b>	<b>2005</b>	<b>100</b>	<b>PE</b>	<b>80 20</b>

7. Cost and schedule remarks:

**Transportation Improvement Program (TIP)**  
Proposed Project or Action Description Form  
FY 2005-2010

1. Agency: **VDOT**

Last Modified On: **7/12/2005**

2. Location and Jurisdiction

Facility: **I-95 HOV NB Off-Ramp**  
From/At: **@ Newington Flyover**  
To: **Extend Decel**  
Jurisdiction: **Fairfax County,**

3. Description of project or action:

**Improve the safety of the I-95 HOV NB Off-Ramp @ Newington Flyover by extending the length of the deceleration lane.**

**No bicycle/pedestrian accommodations included.**

4. Project Status

**New project.**

5. Environmental Review

**Proposed Categorical Exclusion**

6. Funding and Schedule Information

Date of completion or implementation: **2006**

Source	FY	Amount (x \$1,000)	Phase	% Fed/State/Loc
<b>CMAQ</b>	<b>2005</b>	<b>150</b>	<b>PE</b>	<b>80 20</b>

7. Cost and schedule remarks:

**Transportation Improvement Program (TIP)**  
Proposed Project or Action Description Form  
FY 2005-2010

1. Agency: **VDOT**

Last Modified On: **7/12/2005**

2. Location and Jurisdiction

Facility: **I-395 HOV NB Off-Ramp**  
From/At: **@ Eads Street (Pentagon)**  
To: **Extend Decel / Widen**  
Jurisdiction: **Arlington County,**

3. Description of project or action:

**Improve the safety of the I-395 HOV NB Off-Ramp to Eads Street (Pentagon) by extending the length of the deceleration lane and widening the ramp.**

**No bicycle/pedestrian accommodations included.**

4. Project Status

**New project.**

5. Environmental Review

**Proposed Categorical Exclusion**

6. Funding and Schedule Information

Date of completion or implementation: **2006**

Source	FY	Amount (x \$1,000)	Phase	% Fed/State/Loc
<b>CMAQ</b>	<b>2005</b>	<b>250</b>	<b>PE</b>	<b>80 20</b>

7. Cost and schedule remarks:

**Transportation Improvement Program (TIP)**  
 Proposed Project or Action Description Form  
 FY 2005-2010

1. Agency: **VDOT**

Last Modified On: **7/12/2005**

2. Location and Jurisdiction  
 Facility: **Interstate System**  
 From/At: **Glare Screens**  
 To:  
 Jurisdiction: **District-wide,**

3. Description of project or action:  
**Install glare screens on safety barriers on the interstate system in NoVA; primarily, on HOV median barriers.**

**No bicycle/pedestrian accommodations included.**

4. Project Status  
**New project.**

5. Environmental Review  
**Proposed Categorical Exclusion**

6. Funding and Schedule Information

Date of completion or implementation: **2006**

Source	FY	Amount (x \$1,000)	Phase	% Fed/State/Loc
<b>CMAQ</b>	<b>2005</b>	<b>50</b>	<b>PE</b>	<b>80 20</b>

7. Cost and schedule remarks:



**Transportation Improvement Program (TIP)**  
Proposed Project or Action Description Form  
FY 2005-2010

1. Agency: **VDOT**

Last Modified On: **7/12/2005**

2. Location and Jurisdiction

Facility: **Primary System**  
From/At: **Signal Timings Optimization**  
To: **& Systems' Operations**  
Jurisdiction: **District-wide,**

3. Description of project or action:

**Optimize signal timings and systems' operations on NoVA's primary roads.**

**Bicycle/pedestrian accommodations included.**

4. Project Status

**New project.**

5. Environmental Review

**N/A (Not applicable)**

6. Funding and Schedule Information

Date of completion or implementation: **2006**

Source	FY	Amount (x \$1,000)	Phase	% Fed/State/Loc
<b>CMAQ</b>	<b>2005</b>	<b>700</b>	<b>PE</b>	<b>80 20</b>

7. Cost and schedule remarks:

**Transportation Improvement Program (TIP)**  
Proposed Project or Action Description Form  
FY 2005-2010

1. Agency: **VDOT**

Last Modified On: **7/12/2005**

2. Location and Jurisdiction

Facility: **VA 620 (Braddock Road) Roundabout**  
From/At: **@ VA 609 (Pleasant Valley Road)**  
To:  
Jurisdiction: **Fairfax County,**

3. Description of project or action:

**Construct a roundabout at the intersection of VA 620 (Braddock Road) with VA 609 (Pleasant Valley Road).**

**Bicycle/pedestrian accommodations included.**

4. Project Status

**New project.**

5. Environmental Review

**Proposed Categorical Exclusion**

6. Funding and Schedule Information

Date of completion or implementation: **2008**

Source	FY	Amount (x \$1,000)	Phase	% Fed/State/Loc
<b>CMAQ</b>	<b>2005</b>	<b>150</b>	<b>PE</b>	<b>80 20</b>

7. Cost and schedule remarks:

## CONSTRAINED LONG RANGE PLAN (CLRP)

Proposed Project or Action Description Form

FY 2005 - 2030

1. Location and Jurisdiction

Facility: **VA 234 (Sudley Road)**  
 From/At: **Battleview Parkway**  
 To: **US 15 (James Madison Highway)**  
 Jurisdiction: **Prince William County,**

2. Submitting Agency: **VDOT**  
 Agency Project ID: **None**  
 Last Modified On: **7/12/2005**

3. Project Type and Description

Construction  
 Transportation Emissions Reduction Measure (TERM)

Study  
 Illustrative Project  
 Other Action/Strategy

Description of project or action:

**Implement safety and operational improvements as necessary.**

**Reconstruct bridges and other structures, as necessary.**

**Bicycle/pedestrian accommodations included.**

4. Project Phasing

Project ID	TIP Improve.	Facility	From	To	Completion Date / In TIP
<b>77077 (New)</b>	<b>Reconstruct</b>	<b>VA 234 (Sudley Road)</b>	<b>@ VA 659 (Gum Spring Road)</b>		<b>2008 X</b>

**Note: "X" after Date indicates project is presently in TIP. Bold "X" denotes amendment into TIP.**

5. Purpose/contribution to regional goals

**Policy Goal 3, Objective 1: Projects implemented within this corridor will improve the system management, performance, maintenance, and safety of this existing facility.**

6. Funding and Schedule Information

Cost (In Thousands):  
 Source: **Federal, State, Local, Private**

Date of completion or implementation: **Ongoing**

Cost and schedule remarks: **Ongoing**

7. CMS Documentation

Is this a highway capacity-increasing project on a limited access or other principal arterial highway?

Yes  No

If yes, does this project require a CMS Documentation form under the given criteria?

Yes  No

If not, please identify the criteria that exempt the project here:

**Transportation Improvement Program (TIP)**  
Proposed Project or Action Description Form  
FY 2005-2010

1. Agency: **VDOT**

Last Modified On: **7/12/2005**

2. Location and Jurisdiction

Facility: **VA 234 (Sudley Road)**  
From/At: **@ VA 659 (Gum Spring Road)**  
To:  
Jurisdiction: **Prince William County,**

3. Description of project or action:

**Construct a left-turn lane on VA 234, southbound at VA 659.**

**Bicycle/pedestrian accommodations included.**

4. Project Status

**New project.**

5. Environmental Review

**Proposed Categorical Exclusion**

6. Funding and Schedule Information

Date of completion or implementation: **2008**

Source	FY	Amount (x \$1,000)	Phase	% Fed/State/Loc
<b>CMAQ</b>	<b>2005</b>	<b>265</b>	<b>PE</b>	<b>80 20</b>

7. Cost and schedule remarks:

**Transportation Improvement Program (TIP)**  
Proposed Project or Action Description Form  
FY 2005-2010

1. Agency: **VDOT**

Last Modified On: **7/12/2005**

2. Location and Jurisdiction

Facility: **Interstate ITS - HOV Monitoring**

From/At: **District-wide**

To:

Jurisdiction: **District-wide,**

3. Description of project or action:

**Install sensors for monitoring HOV traffic conditions.**

**No bicycle/pedestrian accommodations included.**

4. Project Status

**New project.**

5. Environmental Review

**Proposed Categorical Exclusion**

6. Funding and Schedule Information

Date of completion or implementation: **2006**

Source	FY	Amount (x \$1,000)	Phase	% Fed/State/Loc
<b>CMAQ</b>	<b>2005</b>	<b>400</b>	<b>PE</b>	<b>80 20</b>

7. Cost and schedule remarks:

TPB R2-2006  
July 20, 2005

**METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS  
NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD  
777 North Capitol Street, N.E.  
Washington, D.C. 20002**

**RESOLUTION ON AN AMENDMENT TO THE FY 2006 UNIFIED PLANNING WORK PROGRAM TO INCLUDE REVISED WORK STATEMENTS AND BUDGETS FOR THE VIRGINIA TECHNICAL ASSISTANCE PROGRAM AND TO UPDATE THE STATE PLANNING AND RESEARCH PROGRAM**

**WHEREAS**, the Joint Planning Regulations issued by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) require a Unified Planning Work Program for Transportation Planning (UPWP); and

**WHEREAS**, the UPWP is required as a basis and condition for all funding assistance for transportation planning to state, local, and regional agencies by the FHWA and FTA; and

**WHEREAS**, the FY 2006 UPWP for the Washington Metropolitan Area was adopted by the TPB on March 16, 2005; and

**WHEREAS**, in the attached letter of July 13, 2005, the Virginia Department of Transportation (VDOT) has requested an amendment to FY 2006 UPWP to include revised work statements and budgets for projects in the Technical Assistance Program using additional PI funding identified since the FY 2006 UPWP was adopted in March 2005, and to update the information regarding projects and programs to be funded with State Planning Research (SPR) funds and indicate planning projects to be accomplished with other funds, as described in the attached materials;

**NOW, THEREFORE, BE IT RESOLVED THAT:** THE NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD approves amendments to the FY 2005 Unified Planning Work Program for Transportation Planning to include revised work statements and budgets for projects in the Technical Assistance Program using additional PI funding identified since the UPWP was adopted in March 2005, and to update the information regarding projects and programs to be funded with State Planning Research (SPR) funds and indicate planning projects to be accomplished with other funds, as described in the attached materials.



# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF TRANSPORTATION

14685 Avion Parkway  
Chantilly, VA 20151  
(703) 383-VDOT (8368)

GREGORY A. WHIRLEY  
ACTING COMMISSIONER

DENNIS C. MORRISON  
DISTRICT ADMINISTRATOR

July 13, 2005

National Capital Region  
Unified Planning Work Program (UPWP) Amendment

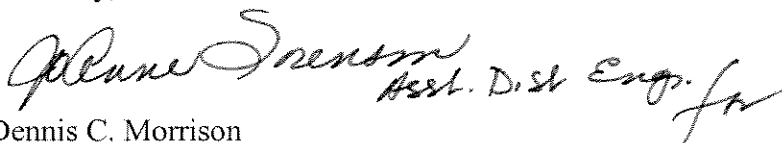
The Honorable Phil Mendelson  
Chairman, National Capital Region  
Transportation Planning Board  
Metropolitan Washington Council of Governments  
777 North Capitol Street, N.E., Suite 300  
Washington, DC 20002-4201

Dear Chairman Mendelson:

The Virginia Department of Transportation (VDOT) requests amendment (attached) of the FY 2006 UPWP. This amendment will update the projects and programs planned for accomplishment using Technical Assistance funds based on funding increases and program changes received since the UPWP was approved in March 2005. The amendment also updates the information in the UPWP regarding projects and programs to be funded with State Planning and Research (SPR) funds, and shows transportation planning projects to be accomplished with other funds, as desired by the Virginia Division, Federal Highway Administration.

VDOT requests that this amendment be approved by the Transportation Planning Board at its meeting on July 20, 2005. Thank you for your consideration of this request.

Sincerely,

  
Dennis C. Morrison  
*Asst. Dist. Eng. for*

Enclosure

## PROPOSED AMENDMENT TO THE FY 2006 UPWP

### C. VIRGINIA TECHNICAL ASSISTANCE

#### Program Development

This project is established to account for DTP staff time spent in developing scopes of work for requested projects and for administering the resultant work program throughout the year.

Work activities will involve meeting with VDOT and VDR&PT staff to discuss projects, draft and finalize work statements and tasks, create project accounts when authorized, and report progress on projects throughout the year.

Cost Estimate:	\$10,000
Product:	scopes of work, progress reports
Schedule:	on-going activity

#### Miscellaneous Services

- A. This work element provides VDOT with the ability to undertake limited scope studies and or data gathering activities identified during its regional and sub-regional planning activity during fiscal year 2005. The Department is currently engaged in examining the merits and priority of a few competing projects which include: traffic volume studies in activity centers outside the Capital Beltway, strengthening of some components of the regional travel demand model, and enhancing the district-wide HOV traffic volume data collection program.
- B. The miscellaneous account is also a mechanism established to address requests, which are too small or too short-lived to warrant separate work scopes. Authorizations to execute specific tasks are usually given by fax; this is particularly useful for quick turnaround. Work items include: requests for hard copy, plots, tape, or diskettes of data from any of the planning work activities at COG, participation in technical review committees and tasks forces and execution of small technical studies.

Cost Estimate:	<del>\$28,300</del>	<b>\$14,000</b>
Schedule:	on-going activity	



## Northern Virginia HOV Facilities Monitoring and Data Collection

VDOT desires an abbreviated monitoring program of the system of limited access high-occupancy vehicle (HOV) facilities in Northern Virginia during the fall of fiscal year 2006. The HOV corridors to be monitored are:

- I-95 from Triangle, Prince William County to its interchange with the Capital Beltway at Springfield, Fairfax County;
- I-395 from the Capital Beltway to (and including) the 14th Street Bridge in the District of Columbia;
- I-66 from Gainesville, Prince William County to the District of Columbia end of the T. Roosevelt Bridge; and
- Virginia Route 267 (Dulles Toll Road) from the Fairfax County/Loudoun County line to I-66 (including Dulles Connector and Dulles Access Road).

Monitoring will consist of the following data collection projects:

- peak direction occupancy and classification counts (from 5 AM to 10 AM inbound and 3 PM to 8PM outbound) at a set of stations along these facilities. These stations will include the major count locations as specified by VDOT, and will be less than the usual number of locations.
- Off peak direction traffic volume and classification counts during the peak period (same as above) at selected locations to be performed in the spring of 2005 in Northern Virginia.
- Staff will also research, purchase, test, and perform travel time runs using GPS technology in Northern Virginia.

Data will be transmitted to VDOT after field data collection work, editing, and reasonableness checking have been completed.

Cost Estimate:        ~~\$250,000~~ **\$260,000**

Products:             Data files transmitted to VDOT

Schedule:             Fall counts completed by Nov. 30, 2005  
Spring counts completed by June 30, 2006

Interagency Air Quality Council Support

This work element will provide funding for staff support to the newly established IAQC as it develops and implements regional air quality improvement / emissions reduction programs:

\_\_\_\_\_

\_\_\_\_\_ Cost Estimate: \_\_\_\_\_ \$10,000

\_\_\_\_\_ Schedule: \_\_\_\_\_ On-going activity

### I-66 Feasibility Study Supplemental Data Collection

Should the Virginia Commonwealth Transportation Board decide to pursue a location study of feasible improvements to westbound I-66 between the Rosslyn Tunnel and the Dulles Airport Access Highway, additional traffic data may be required. This work element will fund COG staff collecting data needed for such a study as a complement to additional data collection efforts by VDOT.

Cost Estimate: \$20,000

Schedule: On-going activity

### Enhanced Commuter Corridor Count Program

This work element will dovetail with the scheduled COG count program (either the metro cordon count or the VDOT HOV monitoring program) to obtain additional data on modal use in either the I-66 or I-95 / 395 corridors. This additional data will provide statistically reliable information on modal use in the selected corridor that will be beneficial to planners and decision makers. While technical assistance funding will be used for the COG data collection effort, the success of this work element is predicated on transit providers providing ridership data, free of charge, to be integrated into the overall data analysis. This ridership data must be collected in the same time period as the COG traffic count data collection effort in order to accurately depict modal shares.

Cost Estimate: \$2,000 FY 2006  
\$65,000 carryover from 2005

Schedule: Data collection to occur in FY 2006

## High Occupancy / Toll (HOT) Lane Analysis for the I-95/395 Corridor

As requested by the VDOT advisory panel evaluating HOT lane proposals for the I-95/395 corridor, this analysis will examine the potential impacts of two HOT lane proposals using the TPB modeling procedures and regional transportation networks for the 2005 CLRP update process. The two proposals will be included in the 2010 and 2030 transportation networks developed for the 2005 CLRP, and the TPB travel demand model will be utilized to forecast traffic volumes, speeds and mode shares for the I-95 corridor. The results of this analysis will be a technical report provided to the advisory panel in September 2005.

**Cost Estimate:      \$95,000**

**Schedule:            Analysis results provided September 2005**

**TOTAL V.C COST ESTIMATE: ~~\$385,300~~ \$466,000**

## PROPOSED AMENDMENT TO THE FY 2006 UPWP

### VIRGINIA DEPARTMENT OF TRANSPORTATION SPR PROGRAM ELEMENTS, AND OTHER ELEMENTS SUPPORTING THE WASHINGTON AREA WORK PROGRAM

The following work program element descriptions identify the Virginia Department of Transportation (VDOT) transportation planning activities proposed for FY 2006, in support of the Unified Planning Work Program for the Metropolitan Washington Region. ***In addition to SPR-funded activities, other planning activities are included for information as requested by Virginia Division, FHWA.***

#### I. METROPOLITAN PLANNING

This element represents the various activities undertaken by the NoVA District (VDOT) Transportation Planning Section's staff (with support from the VDOT Central Office staff as needed) in the development and implementation of the Unified Planning Work Program. Planned work includes the Department's participation in all Transportation Planning Board and Metropolitan Washington Air Quality Committee functions. Specific elements that the Department's staff will be working on are listed below. ***Most of these activities will be conducted by in-house staff funded via the District's overhead budget rather than Federal funds.***

##### A. Plans, Program and Coordination ***(state-only funded)***

This activity includes participation in the development of the Transportation Improvement Plan (TIP); update of the Constrained Long Range Plan (CLRP); amendments to the TIP and the CLRP, as needed, during fiscal year 2006; identification of Congestion Management Systems (CMS) elements of the various TIP and CLRP projects; develop, implement and operate aspects of the regional Management, Operations and Intelligent Transportation Systems (MOITS); coordinate Statewide and local jurisdictions' bicycle and pedestrian program as requested.

##### B. Forecasting Applications ***(state-only funded)***

Department staff will participate in: providing input to the conformity analysis of the TIP and CLRP; reviewing the conformity findings and adherence to the mobile source emissions budget; development and adoption of emission reductions measures (if needed) to help attain a positive conformity determination; inter-agency / inter-departmental consultations regarding mobile source emissions budget; technical support of the Regional Mobility and Accessibility Study; technical review of other regional studies undertaken by the MPO; and review of updates to the regional cooperative forecast.

##### C. Development of Network and Models ***(state-only funded)***

This activity includes providing input to, and reviewing the development of, the travel demand forecasting network for all of the analysis years; technical review of the results of the regional travel demand forecasting model; and development and

coordination of technical enhancements to the regional forecasting model and software.

D. Travel Monitoring (*state-only funded*)

The Department's staff will be involved in the review and approval of: the regional cordon count data and reports; aerial monitoring of congestion on the regional freeways (if funding permits performance of this monitoring); data collection and reporting of the arterial congestion in the region; and a household and workplace survey.

E. District-wide Planning (*state-only funded*)

Included in this work item are activities such as presentations to the regional and sub-regional planning boards (TPB, NVTA, etc.), technical report development and review, and agency policy input into planning deliberations.

F. Bike / Pedestrian Planning Support (*SPR funded*)

*With increased emphasis on bike and pedestrian facilities planning to support, and be planned in concert with, new highway facilities SPR funding has been obtained to fund one staff position focused on bike / pedestrian facilities. The employee will work on reviewing highway improvement plans to ensure bike / pedestrian facilities are designed in accordance with ADA and AASHTO guidelines, and on providing guidance to VDOT and local jurisdiction staff regarding bike / pedestrian facilities design requirements.*

## II. SUBREGIONAL PLANNING

This element outlines specific studies undertaken by the Department's staff in the development and implementation of various Northern Virginia District-wide transportation planning activities using available SPR funds.

1. "MOBIS" (The MOBility Improvement Study, originally called the Choke Point Mitigation Study). Department staff will continue working on this multi-year study that, based on a review of data from other studies, a review of accident data, and information from other sources, will identify major choke points in the regional highway network. It will also identify potential improvements to mitigate the congestion caused by these choke points, perform travel forecasting to determine any negative impacts on nearby routes, and develop cost estimates for the identified improvements. The study will also compile a comprehensive data base and sample methodology for use in current and possible future analyses. Consultant support may be required. Results of this effort will provide site-specific improvements for consideration when District staff and local jurisdictions develop inputs for the Six Year Program and local construction programs. Study completion is expected in October, 2006.

2. Bike Rider Survey. In consultation with MWCOG / Commuter Connections, VDOT's Central Office, advocacy groups, and local jurisdictions, a web-based survey instrument was developed and administered to "Bike-to-Work Day" participants in 2004 to better identify bicycle use in NoVA, particularly as a means of commuting to work. The survey will also be given to participants in the 2005 event. Traffic counts will be conducted at several high usage locations to verify survey findings. The results of this survey will give staff a broader understanding of the magnitude of cycling as a commuter means, in addition to helping identify the routes most frequently used or desired, so that trails projects can be prioritized based on usage data rather than rhetoric or best professional judgment. This study is being conducted by in-house staff over three fiscal years based on staff availability. October, 2005, is the anticipated completion date.
3. Carpooling Characteristics. Using Census data, MWCOG data and other available data, this ongoing study will summarize carpooling data and transit data and compare with socio-economic data available from MWCOG or the Census to better identify socio-economic commuter characteristics. The study will compare findings to 1980 and 1990 Census data to identify trends. Trends in HOV usage by socio-economic stratum and origin may also be identified. This study is being conducted by in-house staff as time is available. The anticipated study completion date is December, 2005.
4. Analysis for Dulles Corridor Rapid Transit Project (DCRTP). This ongoing effort continues in-depth coordination between VDOT and the DCRTP Team as concepts are developed into more detailed designs, to insure compatibility with long term highway improvement plans. This study may include consultant support and is being conducted over a three-year period, with completion anticipated in July, 2006.
5. Consultant Services.  
"On-call" consultant support (managed by VDOT's Central Office) may be used as funding is available to undertake short term, limited scope studies that the Commonwealth identifies during fiscal year 2006. Since this consultant contract is centrally managed, and the Northern Virginia District shares consultant use with other VDOT Districts, no specific amount of funding is guaranteed to NoVA District. Some examples of past studies using this consultant support include: operational analysis of selected near-term improvements to Route 7 and Route 123 in Tysons Corner, a study of highway/rail co-location in Tysons Corner, a study of American Legion Bridge commuter origins / destinations, and on-going studies of possible transportation improvements in Annandale and Sterling.
6. **NoVA ITS Architecture Update.**  
***This project will update the NoVA ITS architecture based on ITS deployment in NoVA, national ITS architecture changes, and updates of industry-wide ITS architecture tools. The project will also modify training material and provide training in how to use the architecture.***

7. **NoVA Smart Travel Program Plan Update.**  
*The scope of this update includes revision of the basic program plan, the integration of the NoVA ITS Architecture into the program plan, and the integration of the NoVA ITS operating system into the program plan. The project will involve the update of the 1999 NoVA Smart Travel Program Plan.*
  
8. **Ramp Metering Study.**  
*This study will examine ramp metering in Northern Virginia to determine how it can be operated to provide benefits to traffic flow. The study will consider issues related to geometry, control algorithms, and system-wide performance. Consultant support will be used.*
  
9. **NoVA Air Quality Planning.**  
*SPR funding will be used toward the Virginia share of FY06 funding for the air quality planning work of the Metropolitan Washington Air Quality Committee (MWAQC) to support development of the State Implementation Plan (SIP).*
  
10. **ATLAS Study.**  
*The original ATLAS study was conducted in 2001 and provided a set of potential measures to be considered by local jurisdictions in better linking transportation and land use planning. The NVTA, with support from the NoVA Regional Commission (NVRC), will examine the original recommendations (some of which would require enabling legislation) to better define those of interest to NVTA jurisdictions. The Commonwealth Secretary of Transportation previously allocated \$25,000 in SPR funds to support this effort. A scope of work has been developed for this study, coordinated with FHWA, and the study will commence following approval of the necessary funding agreement for use of SPR funds.*
  
11. **Hunter Mill Road Traffic Calming.**  
*Residents along Hunter Mill Road have sought assistance in identifying traffic calming measures to reduce the impacts of increasing commuter traffic using Hunter Mill Road to access the Dulles Toll Road. The Virginia General Assembly directed VDOT to allocate \$75,000 to support this traffic calming study, which will be conducted by the NVTA, with support from NVRC, using SPR funding. A scope of work has been developed by NVRC and the study will commence following approval of the necessary funding agreement for use of SPR funds.*

### **III. OTHER PLANNING WORK (USING VARIOUS FUNDING SOURCES)**

#### **A. State-wide Planning Grants. (State-only funding)**

**State funds will be used to support a state-wide pilot program of studies submitted by local jurisdictions and agencies through the Planning District Commissions. The Northern Virginia Region received approval for four such studies.**

- **ATLAS (Alternative Transportation and Land Use Activity Strategies) Study, Phase 2.** This study effort will continue to review and analyze the findings of the ATLAS Study to develop specific strategies for consideration by the NoVA Transportation Authority (NVTA) and its member localities for improving the integration of land use and transportation planning. It will build upon the SPR-funded study.
- **Multi-modal Level of Service (LOS) Analysis for the NoVA Regional Transportation Plan (TransAction 2030).** “TransAction 2030” is an on-going update of the Northern Virginia 2020 Transportation Plan adopted by NoVA jurisdictions in 1999. Consultant work will include a multi-modal LOS analysis of four major Northern Virginia corridors. This grant study will involve consultant analysis of four additional corridors.
- **Meeting the transportation needs of NoVA Seniors.** This study will be used to identify the special transportation needs of senior citizens in Northern Virginia and to continue previous work in that area. Specific goals for this pilot grant study will be to refine and test transit and paratransit implementation plans, develop a clearinghouse for information on the transportation needs of senior citizens, and conduct surveys and focus groups with senior citizens who speak languages other than English.
- **Mobility Needs Assessment of People with Disabilities.** This study, proposed by the City of Alexandria, will conduct a mobility needs assessment study of people with disabilities, pedestrians, and bicyclists in Alexandria.

#### **B. Regional STP-funded Work**

- **“TransAction 2030”.** This update of the 1999 Northern Virginia 2020 Transportation Plan, being conducted by the NVTA, is using \$1,000,000 in FY05 RSTP funds. The study was amended into the UPWP last year and is drawing on the FY05 funds.



**PROGRAM FUNDING**

**VIRGINIA DEPARTMENT OF TRANSPORTATION  
 SPR ELEMENTS SUPPORTING THE WASHINGTON REGION  
 FY2006 UNIFIED PLANNING WORK PROGRAM**

Item	Work Element	Federal Funds	State Funds	Total
<b>I</b>	<b><i>Metropolitan Planning</i></b>			
	<b><i>Bike / Pedestrian Facilities Planner</i></b>	<b><i>\$41,600</i></b>	<b><i>\$10,400</i></b>	<b><i>\$52,000</i></b>
<b>II</b>	<b><i>Sub-regional Planning</i></b>			
1	MOBIS	\$136,000	\$34,000	\$170,000
2	Bike Rider Survey <i>(no FY06 funds)</i>			
3	Carpooling Characteristics	<b><i>\$24,000</i></b>	<b><i>\$6,000</i></b>	<b><i>\$30,000</i></b>
4	Analysis for Dulles Corridor RTP	<b><i>\$40,000</i></b>	<b><i>\$10,000</i></b>	<b><i>\$50,000</i></b>
5	<b><i>Consultant Services (funded centrally)</i></b>			
6	<b><i>NoVA ITS Architecture Update (no FY06 funds)</i></b>			
7	<b><i>NoVA Smart Travel Program Update (no FY06 funds)</i></b>			
8	<b><i>Ramp Metering Study</i></b>	<b><i>\$41,600</i></b>	<b><i>\$10,400</i></b>	<b><i>\$52,000</i></b>
9	<b><i>NoVA Air Quality Planning</i></b>	<b><i>\$20,000</i></b>	<b><i>\$5,000</i></b>	<b><i>\$25,000</i></b>
10	<b><i>ATLAS Study (previously funded)</i></b>			
11	<b><i>Hunter Mill Road traffic calming (previously funded)</i></b>			

**PROGRAM FUNDING**

**VIRGINIA DEPARTMENT OF TRANSPORTATION  
OTHER ELEMENTS SUPPORTING THE WASHINGTON REGION  
FY2006 UNIFIED PLANNING WORK PROGRAM**

Item	Work Element	Federal Funds	State Funds	Total
<b><i>I</i></b>	<b><i>Metropolitan Planning</i></b>			
	<b><i>NoVA District Planning Support</i></b>		<b><i>\$1,616,232</i></b>	<b><i>\$1,616,232</i></b>
<b><i>III</i></b>	<b><i>Other Planning Work</i></b>			
	<b><i>ATLAS, Phase 2</i></b>		<b><i>\$155,000</i></b>	<b><i>\$155,000</i></b>
	<b><i>Multi-modal LOS for TransAction 2030</i></b>		<b><i>\$40,000</i></b>	<b><i>\$40,000</i></b>
	<b><i>Transportation Needs of Seniors</i></b>		<b><i>\$150,000</i></b>	<b><i>\$150,000</i></b>
	<b><i>Alexandria – Mobility Needs</i></b>		<b><i>\$120,000</i></b>	<b><i>\$120,000</i></b>
	<b><i>TransAction 2030 Plan (funded with RSTP in FY05)</i></b>			