

ITEM 7 - Action
September 19, 2007

Approval of an Amendment to the FY 2007-2012 TIP that is Exempt from the Air Quality Conformity Requirement to Include Eight New Projects and Modify Funding for Ten Projects, as Requested by the Virginia Department of Transportation (VDOT)

Staff

Recommendation: Adopt Resolution R5-2008 to approve an amendment to the FY 2007-2012 TIP that is exempt from the air quality conformity requirement to include eight new projects and to modify funding for ten projects, as described in the enclosed materials.

Issues: None

Background: In the enclosed letter of September 11, 2007, VDOT requests that the TPB act on this amendment at its September 19 meeting because all of the funding adjustments are time sensitive and the amendment would allow VDOT to maintain the scheduled project activities and avoid delays.

**NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD
777 North Capitol Street, N.E.
Washington, D.C. 20002**

**RESOLUTION ON AMENDMENT TO
THE FY 2007- 2012 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) THAT IS
EXEMPT FROM THE AIR QUALITY CONFORMITY REQUIREMENT TO INCLUDE
EIGHT NEW PROJECTS AND MODIFY FUNDING FOR TEN 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 Safe, Accountable, Flexible, and Efficient Transportation Equity Act - A Legacy for Users (SAFETEA-LU) for developing and carrying out a continuing, cooperative and comprehensive transportation planning process for the Metropolitan Area; and

WHEREAS, on October 20, 2006 the TPB adopted the 2006 CLRP and the FY 2007-2012 TIP; and

WHEREAS, in the attached letter of September 11, 2007, VDOT has requested an amendment to the FY 2007-2012 TIP that is exempt from the air quality conformity requirement to include two new congestion management projects, one new Interstate System project, one new primary system project, one new urban system project, two new secondary road projects, and one new miscellaneous project; and to modify funding for three Interstate System projects, two primary system projects, three urban system projects, one secondary road project, and one miscellaneous project, as described in the attached materials; and

WHEREAS, the eight new projects and the modification of funding for ten projects 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 May 6, 2005, *Federal Register*;

NOW, THEREFORE, BE IT RESOLVED THAT the National Capital Region Transportation Planning Board amends the FY 2007-2012 TIP to include two new congestion management projects, one new Interstate System project, one new primary system project, one new urban system project, two new secondary road projects, and one new miscellaneous project; and to modify funding for three Interstate System projects, two primary system projects, three urban system projects, one secondary road project, and one miscellaneous project, as described in the attached materials.



COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION

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

September 11, 2007

DAVID S. EKERN, P.E.
COMMISSIONER

National Capital Region
Transportation Improvement Program Amendment

The Honorable Catherine Hudgins
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 Hudgins:

VDOT's Northern Virginia District Office requests amending the FY 2007-2012 Transportation Improvement Program (TIP) to add/update two congestion management projects, add/update four interstate projects, add/update three primary system projects, add/update four urban projects, add/update three secondary road projects, and add/update two miscellaneous projects. All projects are categorically exempt from the air quality conformity analysis and/or are included in the current CLRP and TIP Air Quality Conformity table. All of the proposed funding adjustments in the amendment are time sensitive and as such, VDOT requests that the TPB act on this amendment at its September meeting as it would allow VDOT to maintain the scheduled project activities (such as advertisement) and avoid delays. Funding included in this amendment are new to the Northern Virginia portion of the FY 07 TIP and are derived from previous, current year and future year allocations noted in the Commonwealth's FY 08 Six Year Improvement Program.

The proposed amendment was presented to and reviewed by the TPB's Steering Committee on September 7, 2007. The Committee endorsed VDOT's request for TPB to act on this amendment on September 19, 2007.

VDOT Interstate - Congestion Management Projects

- Regional Transportation Management, Districtwide. This multi-year, multi-jurisdictional new program is based on the successful Congestion Management activities implemented during the construction of the Springfield Interchange and Woodrow Wilson Bridge projects. The proposed amendment provides funding for planning, implementation, management, and evaluation of a Regional Transportation Management Plan (TMP) in support of upcoming “mega-projects” in Northern Virginia, such as the Interstate 495 Hot Lanes including Phase eight of the Springfield Interchange project, the I-95/395 HOV/BUS/HOT lanes, the Interstate 95 4th lane widening, and the Dulles Rail project. These projects may all be under construction at the same time, and could impact up to 600,000 commuters per day.

The plan is expected to cover four to five years of construction in the NOVA district. Start-up funds to develop the plan total \$2.1 million, and include the development of strategies to mitigate construction impacts through communications, traffic operations, and new and upgraded TDM and transit services. Plan development is a coordinated effort between VDOT, DRPT, and local agencies and stakeholders. As some of the projects’ construction will begin in 2008, it is essential that this program get started as quickly as possible.

Example strategies include funding transit and TDM services (employer outreach, park and ride lots, subsidies, promoting telework, express bus, etc.), augmenting the state and local police forces, increasing safety service patrols, improving alternative routes, and providing public outreach through advertising, web sites, and information centers.

The program also includes funding for a general engineering contractor to assist with the administration of the TMP as well as provide evaluation and reports to federal, state and local agencies. The proposed amendment adds \$137M to FY08 preliminary engineering using Federal AC, IM, and NH funds.

- Dulles Congestion Mitigation Project, Fairfax County. This new project will provide funds for the implementation of the Dulles Congestion Management Plan. This plan has been completed over the past two years and will provide support for the Regional Transportation Management Plan. Strategies developed for this program include: (1) transit and TDM: new transit to and around Tysons Corner, TDM strategies such as employer outreach, telework, and subsidy programs, (2) ITS/Incident Management: increased safety service patrols, staffing for the Smart Traffic Center, augmentation for the Virginia State Police, the Fairfax Police and MWAA Police, and increased traffic monitoring, (3) Communications/Outreach: public information and community outreach, advertising, information center and Dulles website, and (4) hot spot roadway improvements and traffic signal modifications. The proposed amendment will add \$25M in FY08 using Federal AC and CM funds.

VDOT Interstate Projects:

- I-95 Wetland Mitigation at Cameron Run. This amendment involves updating funding information only. This Woodrow Wilson Bridge project mitigates wetlands at Cameron Run. Project funding places \$2,500K in FY07 construction using Federal AC and NH funds.

- I-95 Grade Separation of Southern Intersection, City of Alexandria. This amendment involves updating funding information only. This Woodrow Wilson Bridge project constructs a grade separated intersection at Telegraph Road and I-95. Proposed amendment updates FY07 construction from \$29.4M to \$47.2M using Federal AC, Demo, and NH funds.
- I-95 Beltway Mobility Study. This amendment involves updating funding information only. The Woodrow Wilson Bridge is being constructed to structurally accommodate all modes. This data collection effort is intended to provide information for the state transportation secretaries to determine the optimal modal usage and timeframe for the median lanes on the bridge. Proposed amendment updates FY07 funding from \$300K to \$950K using Federal NH funds.
- I-395 – Incident Management. This proposed new entry to the FY 07 TIP will add \$1.4M in FY 07 in additional funding, using Federal AC and CMAQ funds, for the ongoing program to provide incident management support on I-395 between the 14th Street Bridge and Route 1..

VDOT Primary Projects:

- Route 236 – Install second left turn lane and modify signal, Fairfax County. This amendment involves updating funding information only. The project will construct a second left turn lane from Route 236 to Braddock road. Proposed amendment will increase preliminary engineering from \$117K to \$151K in FY07, add \$57K in FY08 Right of Way acquisition, and add \$492K for construction using Federal STP/HES funds.
- Route 50 - North Glebe Road Pedestrian Crossings, Arlington County. This amendment involves updating funding information only. The project will construct three pedestrian grade crossings along North Glebe Road. Proposed amendment will reduce Preliminary Engineering from \$2,296K to \$1,829K, reduce FY07 Right of Way acquisition from \$400K to -\$481K (the negative amount is an accounting notation indicating that excess obligation on that phase is being removed), increase FY07 construction from \$1,857K to \$21,990K and add \$1,584K in FY08 for construction using Federal AC, Other, Minimum Guarantee/Equity Bonus, and STP funds.
- Route 244 – Installation Bus Shelters and Improvements, Arlington County. This new project will install bus shelters countywide. Proposed amendment will add \$350K to FY08 preliminary engineering, add \$250K to FY08 Right of Way acquisition, and add \$2,950K to FY09 to construction using Federal STP funds.

VDOT Urban Projects:

- East Elden Street Widen to 4 and 6 lanes, Town of Herndon. This amendment involves updating funding information only. The project will widen Elden Street to six lanes from Van Buren Street to the town limits of Herndon. Proposed amendment increases preliminary engineering from \$378K to \$1,727K in FY07 using Federal AC funds.
- Route 7 Main Street Intersection Improvements, Town of Purcellville. This amendment involves updating funding information only. The project will provide multiple sidewalk enhancements between South Maple Avenue and Route 287. Proposed amendment will increase preliminary engineering from \$160K to \$560K in FY07 using Federal STP funds.
- Construct Debris Wall at Mine Road, Town of Dumfries. This amendment involves updating funding information only. The project will provide a debris wall at Mine Road. Proposed amendment will move previous preliminary engineering funding of \$85K to FY07 preliminary engineering using Federal AC and MG/EB funds.

- Purchase Hybrid Vehicles, Falls Church. This new project will purchase hybrid vehicles in Falls Church. Proposed amendment will add \$5K in FY07 preliminary engineering and \$95K in FY07 construction using Federal CM funds.

VDOT Secondary Projects:

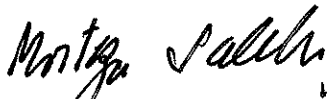
- Route 668 – Install “no right turn” advanced flasher, Prince William County. This new project will install a “no right turn” advanced flasher interconnected with the railroad signal at Wellington Road. Proposed amendment will add \$100K in FY08 construction using Federal HES/RR funds.
- Lease 150 Space Park and Ride lot, Town of Leesburg. This amendment involves updating funding information only. This project leases a park and ride lot at Catoctin Circle in Leesburg. Proposed amendment will update funding from \$120K in previous year construction to \$375K in FY07 preliminary engineering using Federal CM funds.
- Route 638 – Install left turn lane and signal on northbound Rolling Road, Fairfax County. This new project will install a left turn lane and signal at Rolling Road and Barnick Drive. Proposed amendment will add \$99K in FY07 preliminary engineering and \$501K in FY07 construction using Federal CM funds.

VDOT Miscellaneous Projects:

- Main Street Parking/Sidewalk Improvements along Main Street, Town of Clifton. This new project involves parking and sidewalk improvements in Town of Clifton. Proposed amendment will add \$144K in FY07 for preliminary engineering and \$34K in FY10 for construction using Federal SAFETEA-LU funds.
- Trail projects at various locations, Fairfax County. This amendment involves updating funding information only. This project will provide trail projects countywide. Proposed amendment will update funding from \$1.6M in previous year construction to \$228K in FY07 right of way acquisition, \$228K in FY07 construction, and \$1.8M in FY10 construction using Federal AC and CM funds.

Please call Ms. Jo Anne Sorenson if you need further information on this amendment. Upon approval of this amendment, please furnish copies of the approval to Ms. Jo Anne Sorenson (VDOT’s Northern Virginia office) and to Mr. Chad Tucker in VDOT’s Transportation and Mobility Planning Division in Richmond. Thank you for your consideration of and action on this request.

Sincerely,



Morteza Salehi
Acting District Administrator
VDOT – Northern Virginia District

cc: Ms. Diane Mitchell, VDOT-PD (w/ attach.)
Ms. Deborah Grant, VDOT-PD “
Ms. Jo Anne Sorenson, VDOT-NoVA “
Mr. Bud Siegel, PE, VDOT-NoVa “
Mr. Robert McDonald, PE, VDOT- NoVA “
Mr. Dic Burke, VDOT-NoVA “
Ms. Maria Sinner, PE, VDOT-NoVA “
Mr. James Zeller, PE, VDOT-NoVA “
Mr. Ronaldo Nicholson, PE, VDOT-NoVA “

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

FY 2007-12
Changes to existing entries are noted in bold.

PROPOSED TIP AMENDMENT - 8/28/2007

| Agency Project ID | Facility, Location, Description | Phase | Previous Funding | Annual Element FY 07 | FY 08 | FY 09 | FY 10 | FY 11 | FY 12 | Program Total FY 07-12 | Funding Source | Funding Shares Fed/ST/fo |
|-----------------------|--|----------------------|--------------------------|-------------------------------|---------------------------|-----------------|-------------|-------------|-------------|---------------------------------------|--|---------------------------|
| VDOT Interstate 87396 | Facility: Regional Transportation Mgt Plan From: Various Locations To: NoVA Districtwide Jurisdiction: NoVA Districtwide | P.E. ROW Const | 0 0 0 | 0 0 0 | \$38,000 0 \$99,000 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | \$134,162 \$340 \$2,498 | Fed - AC Fed - IM Fed - NH | 80% 80% 90% |
| 64619 | Reason for Amendment: Air Quality Project is categorically exempt from an air quality conformity analysis Facility: I-95 Wetland Mitigation at Cameron Run From: Telegraph Road To: NoVA Districtwide Jurisdiction: NoVA Districtwide | P.E. ROW Const | 0 0 0 | 0 0 \$2,500 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | \$1,776 \$724 | Fed - AC Fed - NH | 80% 80% |
| 77923 | Reason for Amendment: Air Quality Project is categorically exempt from an air quality conformity analysis Facility: I-95 Grade Separation of Southern Intersection From: 0.5 West of Telegraph Road To: 0.5 East of Telegraph Road Jurisdiction: City of Alexandria | P.E. ROW Const | 0 \$1,615 \$47,200 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | \$10,962 \$197 \$37,656 | Fed - AC Fed - DEMO Fed - NH | 80% 80% 80% |
| 77627 | Reason for Amendment: Air Quality Project is categorically exempt from an air quality conformity analysis Facility: I-95 Beltway Mobility Study From: I-95/I-495/I-395 Interchange To: Maryland Rte 5 Jurisdiction: NoVA Districtwide | P.E. ROW Const | \$300 0 0 | \$950 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | \$950 | Fed - NH | 80% |
| 69132 | Reason for Amendment: Air Quality Project is categorically exempt from an air quality conformity analysis Facility: Rte 395 Incident Management From: 14th Street Bridge To: Route 1 Jurisdiction: Arlington County | P.E. ROW Const | 0 0 \$250 | \$1,400 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | \$1,150 \$250 | Fed - AC Fed - CM | 80% 80% |
| VDOT Primary 62692 | Reason for Amendment: Air Quality Project is categorically exempt from an air quality conformity analysis Facility: Rte 236 - Install Second Left-Turn Lane & Modify From: 0.18 mile west Route 620 To: Route 620 Braddock Road Jurisdiction: Fairfax County | P.E. ROW Const | \$117 0 0 | \$151 | 0 \$57 0 | 0 0 \$492 | 0 0 0 | 0 0 0 | 0 0 0 | \$700 | Fed - STP/HES | 90% 10% |
| 13531 | Reason for Amendment: Air Quality Project is categorically exempt from an air quality conformity analysis Facility: Rte 50 Modify Interchange at Courthouse Road From: 0.223 Mile East Rte 237 To: 0.424 Mile west Rte 237 Jurisdiction: Arlington County | P.E. ROW Const | \$2,002 \$3,176 0 | \$1,829 -\$481 \$21,990 | 0 0 \$1,584 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | \$434 \$21,494 \$2,468 \$526 | Fed - AC Other Fed - MG/IEB Fed - STP | 80% 100% 80% 80% |
| 85682 | Reason for Amendment: Air Quality Project is categorically exempt from an air quality conformity analysis Facility: Rte 244 Installation Bus Shelters and Improvements From: Countywide To: Arlington County Jurisdiction: Arlington County | P.E. ROW Const | 0 0 0 | 0 0 0 | \$350 \$250 \$2,950 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | \$3,550 | Fed - STP | 80% |

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

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FY 2007-12
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|-----------------------|---|----------------------|------------------------|----------------------|-----------------|-------------|-------------|-------------|-------------|------------------------|-------------------------|--------------------------|
| VDOT Urban | | | | | | | | | | | | |
| 50100 | Facility: East Elden Street Widen to 4 & 6 Lanes PE only From: Van Buren Street To: ECL of Herndon Jurisdiction: Town of Herndon Reason for Amendment: Air Quality | P.E. ROW Const | \$473 0 0 | \$1,727 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | \$1,727 | Fed -AC | 80% 20% |
| 70578 | Facility: Rte 7 Main Street Intersection Improvements From: South Maple Avenue To: Route 287 Jurisdiction: Town of Purcellville Reason for Amendment: Air Quality | P.E. ROW Const | 0 0 0 | \$560 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | \$560 | Fed -STP | 80% 20% |
| 76681 | Facility: Construct Debris Wall From: near Mine Road To: Jurisdiction: Dumfries Reason for Amendment: Air Quality | P.E. ROW Const | 0 0 0 | \$85 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | \$11 \$74 | Fed - AC Fed - MG/EB | 80% 80% 20% 20% |
| 82839 | Facility: Fairfax County Dulles Congestion Mitigation Proj From: Rtes 7, 123, and Dulles Airport Access Road To: Jurisdiction: Fairfax County Reason for Amendment: Air Quality | P.E. ROW Const | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | \$25,000 | Fed - AC Fed - CM | 80% 80% 20% 20% |
| 85153 | Facility: Purchase Hybrid Vehicles - Falls Church From: To: Jurisdiction: Town of Falls Church Reason for Amendment: Air Quality | P.E. ROW Const | 0 0 0 | \$5 0 \$95 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | \$100 | Fed - CM | 80% 20% |
| VDOT Secondary | | | | | | | | | | | | |
| 81072 | Facility: Rte 668 Install No Right Turn Advanced Flasher From: Wellington interconnected with Railroad Signal To: 209 ft North of Route 674 Jurisdiction: Prince William County Reason for Amendment: Air Quality | P.E. ROW Const | 0 0 0 | 0 0 0 | 0 0 \$100 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | \$100 | Fed - HES/IRR | 80% 20% |
| 60374 | Facility: Lease 150 Space Park & Ride Lot From: 110 Catocin Circle Leesburg To: Jurisdiction: Town of Leesburg Reason for Amendment: Air Quality | P.E. ROW Const | 0 0 \$150 | 0 0 \$375 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | \$525 | Fed - CM | 80% 20% |
| 81560 | Facility: Rte 638 Left Turn Lane Rolling Road & Signal From: .01 mile South Rte 4147 To: .01 mile North Rte 4147 Jurisdiction: Fairfax County Reason for Amendment: Air Quality | P.E. ROW Const | 0 0 0 | \$99 0 \$501 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | \$600 | Fed - CM | 80% 20% |

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

PROPOSED TIP AMENDMENT - 8/28/2007

FY 2007-12
Changes to existing entries are noted in bold.

| Agency Project ID | Facility, Location, Description | Phase | Previous Funding | Annual Element FY 07 | FY 08 | FY 09 | FY 10 | FY 11 | FY 12 | Program Total FY 07-12 | Funding Source | Funding Shares Fed/ST/lo |
|---------------------------|--|---|------------------|----------------------|-------|-------|-------------|-------------|-------------|------------------------|----------------------|--------------------------|
| VDOT Miscellaneous | | | | | | | | | | | | |
| 80798 | Facility: Town of Clifton Main St. Parking/Sidewalk Improv From: Various Locations To: Jurisdiction: Fairfax County | P.E. ROW Const | 0 0 0 | 0 0 0 | \$175 | \$42 | 0 0 0 | 0 0 0 | 0 0 0 | \$217 | Safetea-LU | 80% 20% |
| | Reason for Amendment Air Quality Project is categorically exempt from an air quality conformity analysis | Description: Install main street parking and sidewalks improvements in Town of Clifton. New project and adds \$175K to FY07 PE phase and \$42K to FY09 PE phase using Federal Safetea-LU funds. Project is categorically exempt from an air quality conformity analysis | | | | | | | | | | |
| 70632 | Facility: Trail Projects at Various Locations From: To: Jurisdiction: Fairfax County | P.E. ROW Const | 0 0 0 | 0 0 0 | \$228 | 0 | 0 0 0 | 0 0 0 | 0 0 0 | \$276 \$2,001 | Fed - AC Fed - CM | 80% 20% |
| | Reason for Amendment Air Quality Project is categorically exempt from an air quality conformity analysis | Description: Install trails at various locations in Fairfax County. Updates project by adding \$228K to FY08 PE and RW phases and \$1,821K to FY109 CN phase using Federal AC and CMAQ funds. Project is categorically exempt from an air quality conformity analysis | | | | | | | | | | |

Note: The following funding definitions apply:

1. Fed BR is Bridge Replacement funds
2. Fed AC NH is advanced construction of NH funds.
3. Fed STP is Surface Transportation Program funds.
4. Fed DEMO is Federal Demonstration funds.
5. Fed HPD is TEA-21 High Priority
6. Fed STP (MG/EB) is Minimum Guarantee/Equity Bonus