## COMMONWEALTH OF VIRGINIA STATE AIR POLLUTION CONTROL BOARD

## OZONE ADVANCE ACTION PLAN RICHMOND-PETERSBURG, VIRGINIA

#### **Public Outreach**

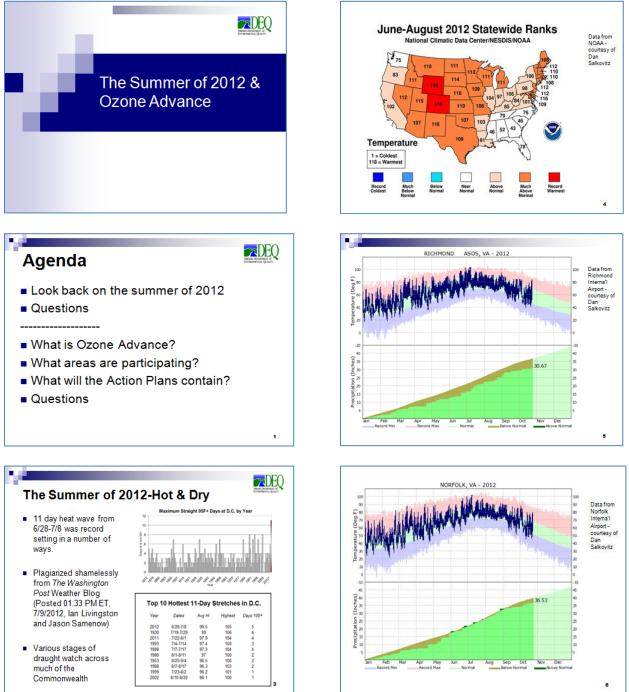
To develop the Ozone Advance Action Plans for the various areas in the Commonwealth of Virginia that might benefit from such a program, VDEQ conducted a significant number of outreach and informational sessions. VDEQ designed these sessions to inform stakeholders and the public of the need for such an Action Plan, to encourage participation in the Action Plan process, and to provide feedback on progress of the Action Plan development. The listing below contains the date, location, and organizations involved in many of these sessions. Public outreach concerning Ozone Advance and ozone air quality in general is ongoing in all parts of the Commonwealth.

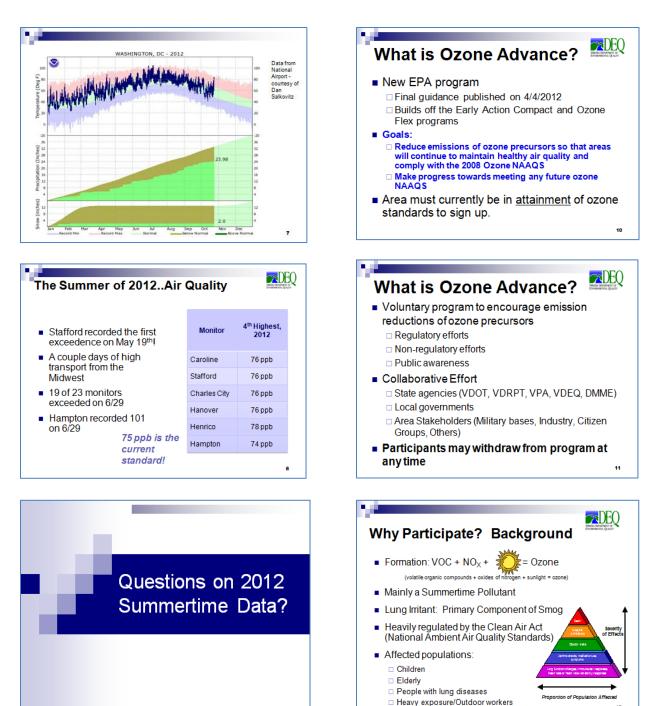
| Event Date | Location              | Organizations(s)<br>Description                                   |
|------------|-----------------------|---|
| 5/9/2012   | Richmond              | HRPDC Executive Staff   |
|            | (teleconference)      | Program and ozone air quality overview                            |
| 5/11/2012  | Fredericksburg        | FAMPO/GWPDC Executive Staff                                       |
|            |                       | Program and ozone air quality overview                            |
| 5/17/2012  | Richmond              | RAMPO TAC   |
|            |                       | Program and ozone air quality overview                            |
| 5/21/2012  | Fredericksburg        | FAMPO   |
|            |                       | Program and ozone air quality overview                            |
| 5/25/2012  | Richmond              | Fort Lee  |
| 3/23/2012  | (teleconference)      | Program and ozone air quality overview; stakeholder programs      |
| 6/1/2012   | Colonial Heights      | Tri-Cities TTAC   |
|            |                       | Program and ozone air quality overview                            |
| 6/6/2012   | Chesapeake            | HRTPO TTAC  |
|            |                       | Program and ozone air quality overview                            |
| 6/7/2012   | Norfolk/APM Terminal  | VPA   |
| 0/7/2012   |                       | Program and ozone air quality overview; stakeholder programs      |
| 6/14/2012  | Petersburg            | Tri-Cities Policy Committee                                       |
| 0/14/2012  |                       | Program and ozone air quality overview                            |
| 6/15/2012  | Richmond              | VDMME   |
| 0/13/2012  |                       | Program and ozone air quality overview; stakeholder programs      |
|            | Chesapeake            | HRTPO   |
| 6/21/2012  |                       | Informational brief on Ozone Advance participation provided by    |
|            |                       | HRPDC staff   |
| 7/12/2012  | Richmond              | RAMPO   |
| //12/2012  |                       | Program and ozone air quality overview                            |
| 8/3/2012   | Bowling Green         | Caroline County Staff   |
| 0/0/2012   |                       | Program and ozone air quality overview; stakeholder programs      |
| 8/9/2012   | Petersburg            | Crater Policy Committee   |
| 0/9/2012   |                       | Air quality overview and program update                           |
| 9/6/2012   | Richmond/VCU Physical | VCU   |
| 9/0/2012   | Plant                 | Program and ozone air quality overview; stakeholder programs      |
| 9/11/2012  | Bowling Green         | Caroline County Board of Supervisors                              |
| 9/11/2012  |                       | Program and ozone air quality overview                            |
| 10/10/2012 | Richmond              | URS/Fort A.P. Hill  |
|            | (teleconference)      | Program and ozone air quality overview                            |
| 10/25/2012 | Richmond/VDEQ         | VDEQ Staff Engineers and Inspectors                               |
|            | Regional Offices      | Program and ozone air quality overview; discussion of programs to |
|            | (webinar)             | include; staff training session                                   |

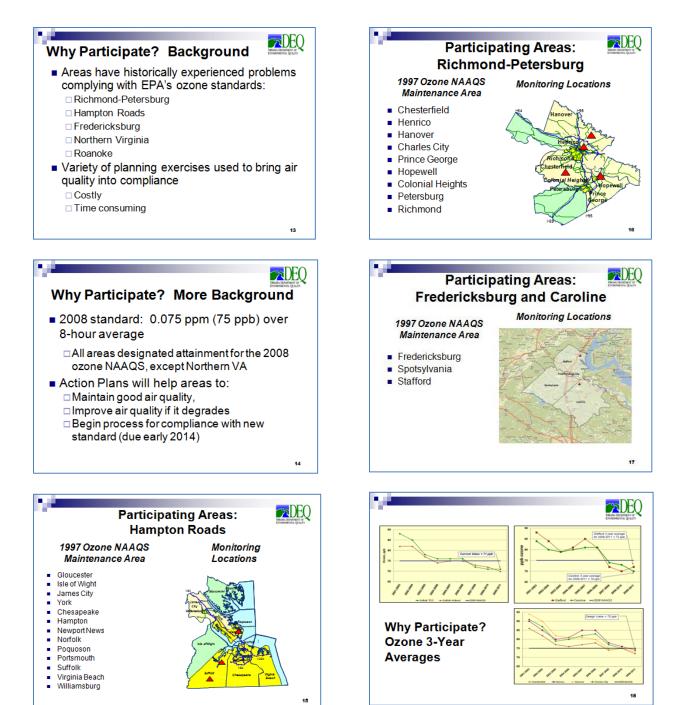
| <b>Event Date</b> | Location                     | Organizations(s)  |
|-------------------|------------------------------|---|
|                   |                              | Description VREMS   |
| 10/31/2012        | Richmond (webinar)           | Informational webinar for VREMS members; program and ozone air    |
|                   |                              | quality overview; stakeholder programs                            |
|                   |                              | Dominion  |
| 11/1/2012         | Richmond                     | Program overview; discussion of stakeholder programs and          |
|                   |                              | • • • • •   |
| 11/5/2012         | Richmond<br>(teleconference) | participation<br>VDOT   |
|                   |                              |   |
|                   |                              | Program overview; discussion of stakeholder programs; information |
|                   |                              | exchange on CMAQ projects VDMME                                   |
| 11/7/2012         | Richmond                     |   |
|                   |                              | Program update; discussion of stakeholder programs                |
| 11/15/2012        | Richmond                     | RAMPO TAC   |
|                   |                              | Program and ozone air quality overview; progress report           |
| 11/29/2012        | Richmond<br>(teleconference) | VCC   |
|                   |                              | Program and ozone air quality overview; discussion of stakeholder |
|                   |                              | programs; progress reports  |
| 11/30/2012        | Richmond (SAPCB<br>Meeting)  | SAPCB   |
| 11/30/2012        |                              | Director's report on Ozone Advance Action Plan; progress update   |
|                   | Richmond<br>(teleconference) | Fort A.P. Hill  |
| 12/4/2013         |                              | Program and ozone air quality update; discussion on stakeholder   |
|                   |                              | programs  |
| 1/11/2012         | Richmond<br>(teleconference) | VPA   |
| 1/11/2013         |                              | Program write up discussion and feedback                          |
| 1/17/2013         | Richmond                     | RAMPO TAC   |
|                   |                              | Program update  |
| 2/6/2013          | Richmond                     | VDEQ Air Division-Air Conference                                  |
|                   |                              | Program and air quality overview                                  |
| 2/27/2013         | Richmond                     | EPA   |
|                   | (teleconference)             | Discussion of draft plans; feedback                               |
| 3/6/3013          | Chesapeake                   | HRTPO TTAC  |
|                   |                              | HRTPO staff provided update on progress.                          |
| 3/18/2013         | Fredericksburg               | FAMPO   |
|                   |                              | Update on progress  |
| 4/2/2013          | Richmond                     | Virginia Manufacturer's Association                               |
|                   |                              | Program and ozone air quality update                              |
| 4/11/2013         | Petersburg                   | Crater MPO Policy Committee                                       |
|                   |                              | Update on progress  |
| 4/15/2013         | Fredericksburg               | FAMPO   |
|                   |                              | Update on progress  |
| 5/2/2012          |                              | RAMPO   |
| 5/2/2013          | Richmond                     |   |
| (scheduled)       |                              | Update on progress  |

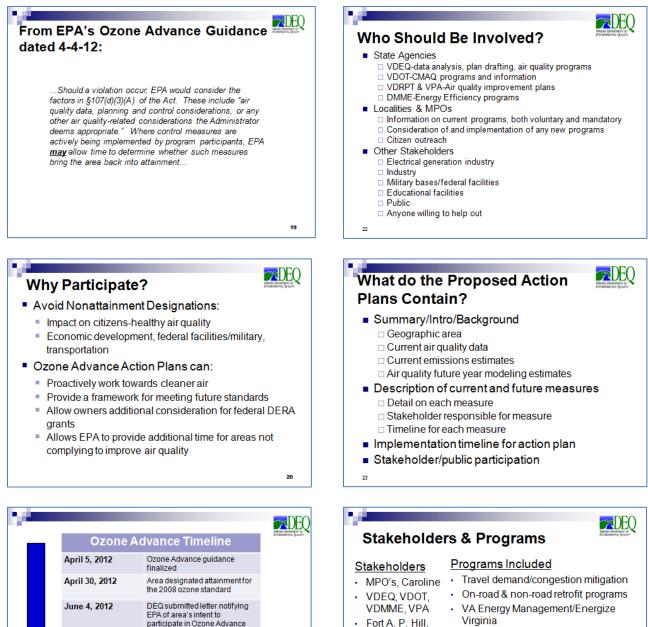
#### **Outreach Materials**

Most of the mentioned outreach efforts involved providing a significant amount of data on air quality and programmatic information on the development of Ozone Advance Action Plans to various organizations. Below is an example of a general presentation that had been used as the basis for presentations at several events.









Fort Lee

Dominion

Cities

VCU

21

Virginia Clean

- VA Get Ready (electric vehicles); Autogas efforts;
- EGU fuel switches/retirements
- Point source permitted actions
- Sustainability efforts
- VPA: barge efforts, other programs
  - Regional reductions
    - 24

Regionarreducation

Ozone Advance Action Plan

Ozone Advance Action Plan public notice period

Final Action Plans sent to EPA

Annual Action Plan updates

submitted by DEQ to EPA

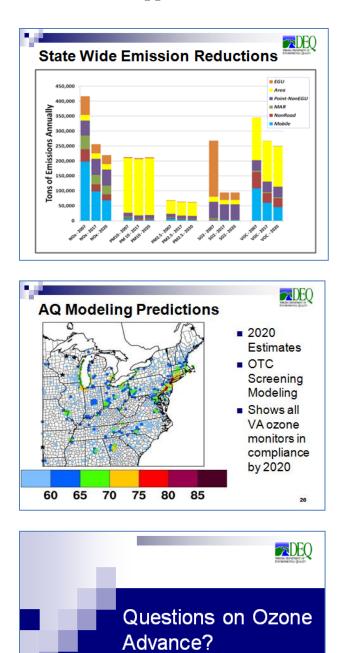
drafts ready for review

Jan-Feb 2013

Apr-May 2013

June 2014-2019

March 2013



#### **Public Comment Period and Hearing**

Once the Ozone Advance Action Plan was drafted, and material had been reviewed by all stakeholders, the draft Plan was provided to the public for comment for a 30 day period. Additionally, for each plan VDEQ held a public hearing at a location within the Action Plan area so that the public had the option to voice their comments, suggestions, and concerns.

Below is the Ozone Advance Action Plan public notice for this area. This notice was placed in the "Virginia Register." It was also advertised through the Virginia e-Townhall email distribution list. The proposed plan and appendices were available to the public during this period on the VDEQ website.

During the comment period, VDEQ received one written comment from the Virginia Manufacturer's Association in support of the Ozone Advance efforts. That comment letter is included below. No other comments, either written or oral, were received.

#### DEPARTMENT OF ENVIRONMENTAL QUALITY Public Notice – Air Quality Plan

**Notice of action:** The Department of Environmental Quality (DEQ) is seeking comments and announcing a public hearing on a proposed plan to promote continued compliance with the national ambient air quality standard (NAAQS) for ozone in the Richmond-Petersburg Maintenance Area. This Ozone Action Plan is a plan developed by the Commonwealth in order to meet its overall clean air goals under the federal Clean Air Act by attaining and maintaining the ambient air quality standards promulgated by the U.S. Environmental Protection Agency (EPA) under the Act.

Purpose of notice: DEQ is seeking comments on the overall plan.

### Public comment period: March 11, 2013 to April 9, 2013.

**Public hearing:** Friday, April 5, 2013, at 10:00 am in Conference Room A, at 629 E. Main Street, Richmond, Virginia (VDEQ Central Office Building).

Description of proposal: This Ozone Advance Action Plan covers the Richmond-Petersburg Ozone National Ambient Air Quality Standards (NAAQS) Maintenance Area, consisting of the counties of Charles City, Chesterfield, Hanover, Henrico, and Prince George and the cities of Colonial Heights, Hopewell, Petersburg, and Richmond. On May 21, 2012, EPA designated this area as attainment/maintenance for the 2008 ozone NAAQS. To help ensure continued clean air, the leaders from these jurisdictions have worked cooperatively with DEQ and a number of stakeholders to create the plan, which details the numerous clean air programs that are in place and will be implemented to reduce substances that contribute to the formation of ozone. Air quality in the area will continue to improve through the implementation of these programs. Major stakeholders in this process include the Richmond Area Metropolitan Planning Organization; the Crater Metropolitan Planning Organization; Virginia Department of Mines, Minerals, and Energy; Virginia Department of Transportation; Virginia Port Authority; United States Army Garrison Fort Lee; Dominion Virginia Power; Virginia Clean Cities Coalition; Richmond RideFinders; and Virginia Commonwealth University. Actions taken as part of the plan, and various upwind reductions of ozone and particulate matter, will continue to improve air quality well into the future.

**Federal information:** This notice is being given to provide the general public with the opportunity to provide input on the plan. Ozone Action Plans are voluntary plans developed in cooperation with EPA and are intended to enable the Commonwealth to meet its general federal requirement to attain and maintain the NAAQS; however, there is no mandatory requirement for this type of plan to undergo public comment.

**How to comment:** DEQ accepts written comments by email, fax, and postal mail. In order to be considered, comments must include the full name, address, and telephone number of the person commenting and be received by DEQ no later than the last day of the comment period. DEQ prefers that comments be provided in writing, along with any supporting information. Comments on the plan must be submitted to Doris A. McLeod, Air Quality Planner, Office of Air Data

Analysis and Planning, Department of Environmental Quality, 629 E. Main St, PO Box 1105, Richmond, Virginia 23218 (phone 804-698-4197, fax 804-698-4510, email <u>doris.mcleod@deq.virginia.gov</u>). All materials received are part of the public record.

To review the proposal: The proposal and any supporting documents are available on the DEQ Air Public Notices for Plans web site

(http://www.deq.state.va.us/Programs/Air/PublicNotices/airplansandprograms.aspx). The documents may also be obtained by contacting the DEQ representative named above. The public may review the documents between 8:30 am and 4:30 pm of each business day until the close of the public comment period at the following DEQ locations: 1) Main Street Office, 8th Floor, 629 E. Main St, Richmond VA, 804-698-4070 and 2) Piedmont Regional Office, 4949-A Cox Rd, Glen Allen VA, (804) 527-5020.

TEMPLATES\SIP-PLAN\PP02N-PH SIP\Ozone Advance\Richmond-Petersburg\RP-NOTICE.DOC



April 8, 2013

#### BY ELECTRONIC MAIL AND U.S. MAIL

Doris A. McLeod Office of Air Data Analysis and Planning Department of Environmental Quality P.O. Box 1105 Richmond, VA 23218

Re: Comments on Ozone Advance Action Plans

Dear Ms. McLeod:

On behalf of the members of the Virginia Manufacturers Association (VMA), I am submitting the following comments on the Department of Environmental Quality's proposed Ozone Advance Action Plans for the Richmond-Petersburg Maintenance Area, the Hampton Roads Maintenance Area, and the Fredericksburg Maintenance Area. We understand these Ozone Advance Action Plans are voluntary plans intended to enable Virginia to meet the federal requirement to attain and maintain the National Ambient Air Quality Standard (NAAQS) for ozone. We also understand these Plans were developed by DEQ in cooperation with EPA and several local stakeholders in the directly affected communities.

VMA and its member companies strongly support DEQ's efforts to achieve and maintain the NAAQS for ozone throughout the Commonwealth. We believe DEQ's proposed Ozone Advance Action Plans will contribute significantly to those efforts. Consequently, VMA strongly supports the proposed Plans. We believe the Plans set out a cost-effective path toward attaining and maintaining compliance with the ozone NAAQS. The Plans outline several measures to reduce pollutant precursors to ozone formation that are already underway in the Commonwealth, including some efforts by VMA member companies, *e.g.*, Dominion Virginia Power.

VMA and its member companies will continue to support DEQ in cost-effective efforts, such as the Ozone Advance Action Plans, designed to improve and maintain good air quality throughout the Commonwealth. If we can be of any help to DEQ in those efforts, please do not hesitate to call upon us.

Sincerely vee B. S

Alice B. Scott Vice President Virginia Manufacturers Association

#### **Jurisdiction Support**

The Tri-Cities Policy Committee specifically expressed support for the program within the minutes for their June 14, 2012 meeting. These minutes are provided here. Additionally, several members of the metropolitan planning organizations in this Ozone Advance area submitted specific support letters regarding this action. These are included here as well.

*Minutes of the June 14, 2012 Tri-Cities Area Metropolitan Planning Organization – Policy Committee meeting held 4:30 p.m. in the Petersburg Union Train Station located 103 River Street in Petersburg, Virginia.* 

MEMBERS PRESENT: Brian Moore, Petersburg; Jerry Skalsky, Prince George; Dorothy Jaeckle, Chesterfield; John Wood, Colonial Heights; Gha-is Bashir, PAT; Tom Hawthorn, VDOT; Joe Vinsh, (alternate) Crater PDC

MEMBERS ABSENT: John Wood, Colonial Heights; Christina Luman-Bailey, Hopewell

OTHERS PRESENT: Tammy Davis, FHWA; Steven Hicks, Petersburg; Douglas Miles, Prince George; Andrew Dugan, Fort Lee; Ron Svejkovsky, Paul Agnello, Mike Estes, Brian Kelly, VDOT; Andrew Cadmus, Parsons Brinckerhoff;

Chairman Skalsky called the meeting to order at 4:30 p.m.

APPROVAL OF THE MINUTES – May 10, 2012

Upon a motion by Ms. Jaeckle, seconded by Mr. Moore and carried, the minutes of the May 10, 2012 meeting were approved.

CITIZEN INFORMATION PERIOD No comments

#### STATUS REPORT ON I-95 TOLLING STUDY

As a follow-up to information presented during the April meeting on a VDOT project to study the potential for tolling I-95, Mr. Estes distributed a handout and presented additional information outlining I-95 future financial needs. Mr. Estes emphasized VDOT was committed to a balance funding approach to advance I-95 projects throughout the corridor.

*Mr. Estes explained the different toll rates that had been analyzed by VDOT with each of the 7 project alternatives ranging from \$.02 to \$0.15 per mile. In addition, the VDOT analysis has considered traffic characteristics, diversion, cost and timing to implement tolling facilities.* 

*Mr. Estes indicated VDOT is prepared to recommend project Alternative A-1 as a tentative proposal which involves tolling in both directions in Sussex County only. The proposed toll rate would be \$4.00 for cars and \$12.00 for 5 axle trucks for each direction.* 

*Mr.* Estes referenced a chart in the handout indicating Alternative A-1 is forecasted to generate \$20m to \$30m annually for I-95 corridor improvements annually between the years 2015 and 2020. The revenue available for improvements is forecasted to increase to \$60m by the year 2039.

A comment was made that a 1 cent statewide gas tax increase would generate \$50m in revenue available for improvements.

Mr. Vinsh asked if the traffic studies address the capacity of Rt. 301 to handle projected diverted traffic.

Mr. Estes indicated this question is being addressed as the study progresses.

*Mr.* Estes responded to a series of questions/comments from Committee members. These questions/comments related to the potential burden that would be placed on local residents, the North Carolina approach for its I-95 pilot tolling project; the amount of potential revenue available with implementation of A-1 compared to I-95 total construction and maintenance need estimates.

Mr. Moore asked where would the I-95 toll revenues collected be used?

*Mr. Estes made reference to the project Vision Plan that listed potential projects at I-95 & I-64 and I-95 & I-85, as well as other locations along the I-95 corridor.* 

*Mr.* Morris mentioned the environmental review process connected with this project and the need to identify impacts in Sussex County.

Ms. Jaeckle stated alternative A-1 would put too much financial burden on Sussex County residents.

*Mr. Estes commented that a toll discount was being considered for frequent users.* 

After a period of further discussion, Mr. Vinsh thanked Mr. Estes for his presentation.

#### PRESENTATION OF INFORMATION ON THE OZONE ADVANCE PROGRAM

*Ms.* McCloud from the Virginia Department of Environmental Quality distributed a handout and presented information regarding a voluntary program for implementing measures that would help reduce the production of emissions generated by businesses and local governments that contribute to the production of harmful ozone.

Ms. McCloud explained the Richmond area is currently meeting the applicable air quality standard for ozone but this area is near the level of noncompliance. The ozone advance program is designed to help reduce potential negative readings and/or potentially extend the time period for a noncompliance finding by the U.S. EPA should negative ozone monitored readings are recorded this summer.

After a brief period of discussion, Committee members appeared to be generally supportive of the Ozone Advance Program concept.

*Ms. McCloud indicated*, *if endorsed*, *the program would need to be in place by May 2013*. *The VDEQ would be developing a specific set of measures for this program for public review later this calendar year*.

#### DISCUSSION AND REVIEW OF REQUEST TO AUTHORIZED THE CPDC STAFF TO ADVERTISE THE 2035 DRAFT TRANSPORTATION PLAN FOR PUBLIC AND RESOURCE AGENCY REVIEW

*Mr.* Vinsh indicated hardcopies of the 2035 draft transportation plan update were ready to be forwarded to local public libraries and posting on the MPO's webpage for public review. Mr. Vinsh also indicated a plan revision would be likely be needed to reflect a potential Route 460 PPTA agreement and recommended Interstate system financially constrained improvements from the Roadside Safety Assessment (RSA) currently underway for the I-95/I-85 interchange vicinity. Mr. Vinsh indicated it is anticipated travel forecast information related to the Route 460 PPTA project and the I-95/I-85 RSA project along with travel forecast information for major Tri-Cities Area roadways from the new Richmond Travel Model would be available to be incorporated into the plan revision later during FY13.

*Mr. Vinsh reviewed sections in the draft plan where significant changes have occurred since June 2008 when the current 2031 Transportation Plan was adopted.* 

*Mr. Vinsh mentioned it was anticipated the 2035 draft Transportation Plan would be on the August 9 agenda for consideration of any public and resource agency comments received and plan adoption. The current Tri-Cities 2031 Transportation Plan is scheduled to expire September 16, 2012.* 

Upon a motion by Mr. Moore, seconded by Mr. Chavis and carried, a motion was adopted to authorize the CPDC staff to advertise the 2035 draft transportation plan for public and resource agency review.

REVIEW OF SUMMARY INFORMATION FROM THE JUNE 2012 VAMPO MEETING Mr. Vinsh briefly commented that the June 2012 meeting of the Virginia Association of Metropolitan Planning Organizations (VAMPO) was held in Charlottesville earlier this month.

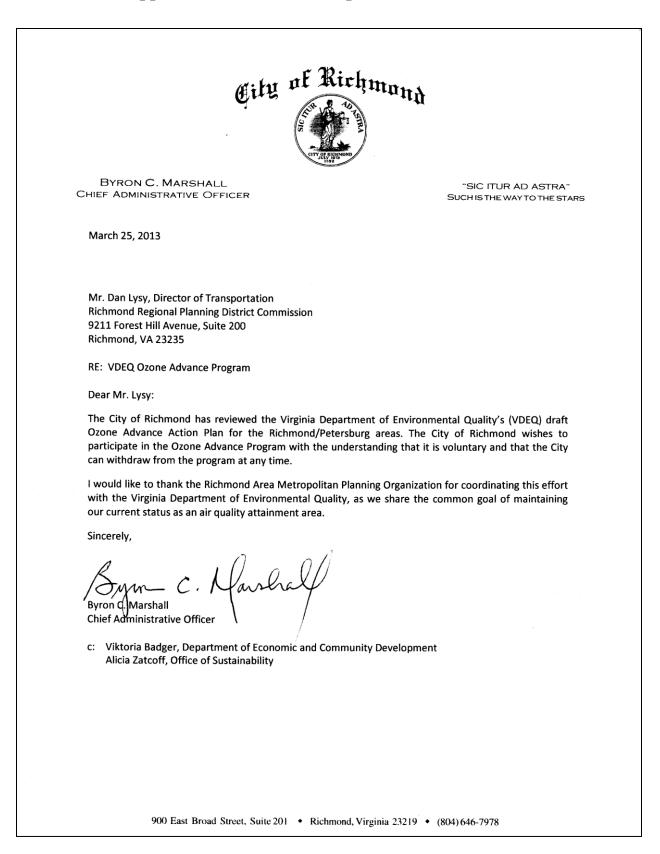
*Mr. Vinsh indicated the topics discussed during this meeting included information on a bikeways planning related study in Charlottesville; several presentations from State transportation agency representatives on statewide activities in surface, rail, transit and plans. A presentation was also made by the Deputy Secretary of Transportation on the MPO as a partner in the transportation planning process.* 

#### GOLDEN CRESCENT MEETING JUNE 7, 2012

As an Other Business item, Mr. Vinsh commented 5 of the 6 Tri-Cities Area local governments were represented at the June 7 meeting of the "Golden Crescent" localities held in Henrico County. The focus of the meeting was on the need for increased State revenue for transportation improvements.

After a period of discussion, it was the consensus of the Committee that the Secretary would forward a letter expressing general support for the purpose of the Golden Crescent interest and desire to continue this discussion with State delegates.

There being no further business, the meeting was adjourned at approximately 5:35 p.m.



RECEIVED MAR 0 4 2013 COMMONWEALTH OF VIRGINIA COUNTY OF HENRICO John A. Vithoulkas County Manager February 28, 2013 Mr. Dan Lysy, Director of Transportation **Richmond Regional Planning District Commission** 9211 Forest Hill Avenue, Suite 200 Richmond, VA 23235 RE: EPA Ozone Advance Program Dear Mr. Lysy: I am responding to your memorandum dated December 17, 2012 regarding participation in the EPA Ozone Advance Program. We have reviewed the Virginia Department of Environmental Quality's (VDEQ) draft Ozone Advance Action Plan for the Richmond/Petersburg attainment area and Henrico County is supportive of the proposed efforts to improve the region's air quality. Therefore, Henrico County agrees to participate in the Ozone Advance Program with the understanding that it is voluntary and that at anytime the County may withdraw from the program. I would like to thank you and the MPO staff for coordinating this effort with VDEQ, as we all share the common goal of maintaining our current status as an air quality attainment area. Sincerely, John A. Vithoulkas County Manager Deputy County Manager for Community Operations pc: Director of Planning Director of Public Works (804) 501-4206 PARHAM & HUNGARY SPRING ROADS / P.O. BOX 90775 / HENRICO, VIRGINIA 23273-0775 FAX (804) 501-4162

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G.E. "ED" VIA, III Ashland District

ELTON J. WADE, SR. Cold Harbor District



HANOVER COURTHOUSE

HANOVER COUNTY ESTABLISHED IN 1720

January 31, 2013

COUNTY ADMINISTRATOR'S OFFICE CECIL R. HARRIS, JR. COUNTY ADMINISTRATOR FRANK W. HARKSEN, JR.

DEPUTY COUNTY ADMINISTRATOR JAMES P. TAYLOR

ASSISTANT COUNTY ADMINISTRATOR

WWW.HANOVERCOUNTY.GOV P.O. BOX 470, HANOVER, VA 23069 7516 County Complex Road, Hanover, VA 23069 Phone: 804-365-6005 FAX: 804-365-6234

RECEIVED

FEB 0 5 2013

Mr. Dan Lysy Director of Transportation Richmond Regional Planning District Commission 9211 Forest Hill Avenue, Suite 200 Richmond, VA 23235

RE: Ozone Advance Program

Dear Mr. Lysy:

This is in response to your memo dated December 17, 2012 regarding the Ozone Advance Program.

This is to advise you that Hanover County wishes to participate in the Ozone Advance Program in support of regional efforts to improve the region's air quality. We understand that participation in the program is voluntary and that at any time the County may withdrawal from the program.

I would like to thank you and the Metropolitan Planning Organization for your leadership in this area.

Sincerely,

calk. Hand

Cecil R. Harris, Jr. County Administrator

CRHJR/dkc

Cc: J. Michael Flagg, PE, Public Works Director Joseph E. Vidunas, Transportation Engineer

Hanover: People, Tradition and Spirit