



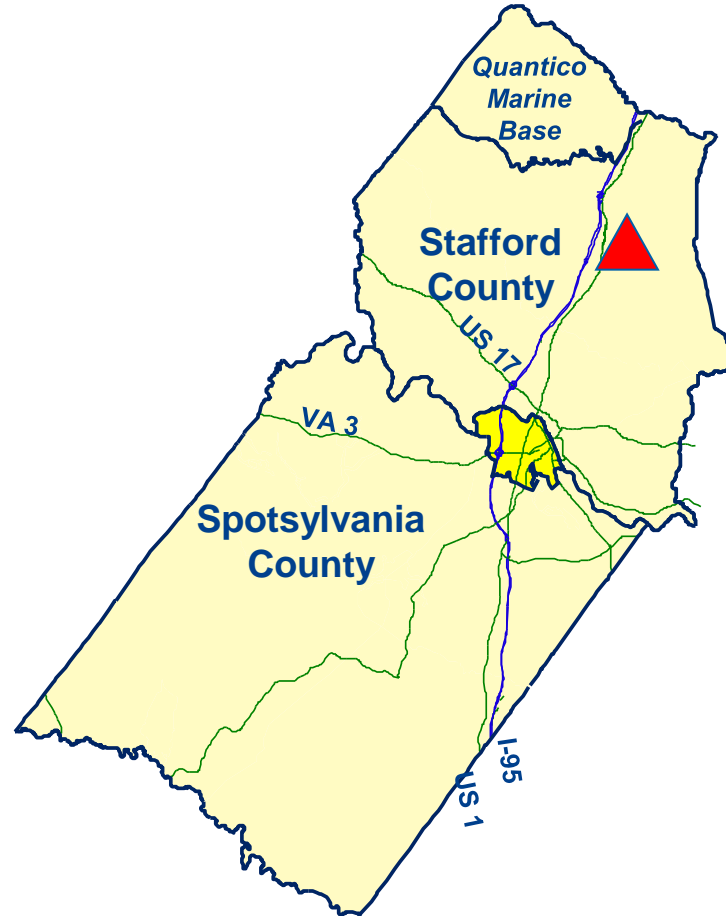
Fredericksburg Regional Conformity Analysis Results
FY 12-15 Transportation Improvement Program and
2040 Long Range Transportation Plan

Fredericksburg Area MPO Meeting

February 25, 2013 - 7:00 p.m.

George Washington Regional Commission, Fredericksburg, VA

Fredericksburg 8-Hour Ozone Maintenance Area



Motor Vehicle Emissions Budgets

Budget Year	VOC (tons/day)	NOx (tons/day)
2009	8.346	19.615
2015	7.334	12.933

- On September 26, 2011, DEQ submitted a Maintenance Plan revision to EPA that updated the NOx emissions budgets using the new MOVES model.
- On October 29, 2012, EPA published an approval of the Maintenance Plan revision and the updated NOx emissions budgets in the Federal Register, although the level of the NOx budget was incorrectly listed.
- On December 20, 2012, EPA published a correction in the Federal Register.

Analysis Years

2015:

**Budget Years established in the
Air Quality Maintenance Plan**

2020 and 2030:

Ten-year interval limit

2040:

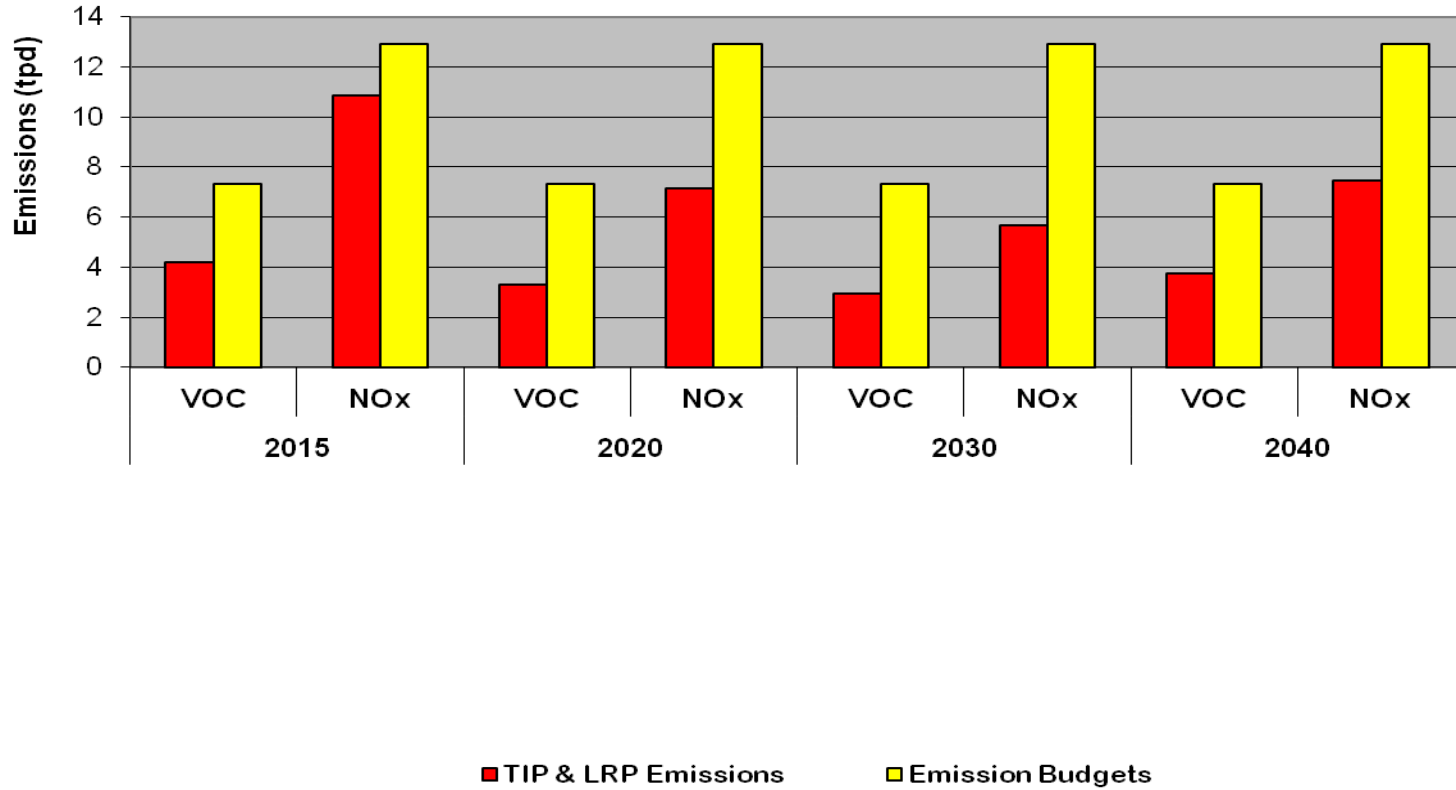
Horizon Year of LRTP



Models, Methods, and Assumptions

- **Using MOVES2010b motor vehicle emissions model**
- **Meteorological Data - consistent with Maintenance Plan**
- **Traffic data Inputs**
 - TDM for arterials and larger roadways
 - HPMS and SPS for locals and collector roadways
 - 2011 DMV registration data
- **Fuel data obtained from VDEQ**
 - Reformulated gasoline (RFG) in Stafford
 - Conventional gasoline in Fredericksburg and Spotsylvania
- **Vehicle Inspection & Maintenance Program in Stafford County**

Conformity Analysis Results



Conformity Analysis Schedule

Date	Task
Jan 15 - Feb 14, 2013	30-day public comment period
Feb 25, 2013	FAMPO approves Conformity Report for submittal to FHWA
Feb 26, 2013	VDOT submits e-copy of conformity analysis to FHWA; 45-day federal review period begins
April 12, 2013	Federal Conformity Determination received