

CERTIFICATION OF THE TRANSPORTATION PLANNING AND PROGRAMMING PROCESS

The Hampton Roads Transportation Planning Organization, Virginia Department of Transportation, and Virginia Department of Rail and Public Transportation hereby certify that the conduct of the metropolitan planning and programming process complies with all applicable requirements as listed below, and that this process includes activities that support the development and implementation of the Long-Range Transportation Plan and associated Air Quality Conformity Determination (as applicable), the Transportation Improvement Program and associated Air Quality Conformity Determination (as applicable), and the Unified Planning Work Program.

1. 23 U.S.C. 134, 49 U.S.C. 5303, and 23 CFR part 450.336 (a);
2. Sections 174 and 176 (c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506 (c) and (d)) and 40 CFR part 93;
3. Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21;
4. 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
5. Section 1101(b) of the FAST Act (Pub. L. 114-357 and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;
6. 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
7. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 *et seq.*) and 49 CFR parts 27, 37, and 38;
8. The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
9. Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender; and
10. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

**Hampton Roads Transportation
Planning Organization**

**Virginia Department of
Transportation**

**Virginia Department of
Rail & Public Transportation**

Signature

Robert A. Crum, Jr.

Printed Name

Executive Director

Title

3/30/17

Date

Signature

James Utterback

Printed Name
Hampton Roads

District Administrator

Title

3/29/17

Date

Signature

Jennifer Mitchell

Printed Name

Director

Title

3/29/17

Date

ACCOMPLISHMENTS REPORT

The following HRTPO initiatives and accomplishments have been achieved since the previous self-certification in July 2014 through regional transportation planning and programming processes.

Ongoing Activities:

1. **Long-Range Transportation Plan (LRTP)** - The Long-Range Transportation Plan (LRTP) is the blueprint for the region's multimodal transportation development and identifies all regionally significant transportation projects for the Hampton Roads metropolitan area. The LRTP has a planning horizon of at least 20 years and is updated every four to five years to reflect changing conditions such as new planning priorities, population projections, economic change, and anticipated travel demand. The public is engaged at every stage throughout the development of the plan. The current 2040 LRTP for Hampton Roads (<http://hrtpo.org/page/2040-long-range-transportation-plan/>) was approved by the HRTPO Board in July 2016. HRPTO staff has begun work on the next update to the LRTP, which will have a horizon year of 2045.
2. **Transportation Improvement Program (TIP)** - In an effort to improve the transparency of the TIP as well as enhance the capability of HRTPO staff to monitor the status of projects in Hampton Roads, staff overhauled the TIP format in 2011. The current format significantly improves access to project information, including funding allocations, scheduled obligations, and expenditures. In addition, a TIP website (www.hrtpotip.org) was established to provide easier access to TIP information. A new TIP website was deployed in January 2016 with an improved interactive project map and a new search tool to help make finding project information easier. A full update of the TIP (FY 2018-2021) is scheduled for HRTPO Board approval in April 2017.
3. **Congestion Management Process** - The Congestion Management Process (CMP) is an on-going process that identifies congested locations, determines the causes of congestion, ranks the most congested segments, and develops transportation strategies to reduce traffic congestion and enhance safety and mobility regionwide. The latest version of the CMP - System Performance and Mitigation Report, was approved by the HRTPO Board in October 2014. HRTPO staff produces this report in conjunction with the LRTP. Therefore, the next CMP report will be produced in FY 2019.
4. **Public Participation** - The HRTPO employs a number of strategies to engage the public in the regional transportation planning process, including the HRTPO website, a Citizens Guide to Transportation, the Citizen Transportation Advisory Committee, the Environmental Justice Roundtable, Facebook and Twitter, special surveys, library outreach, school outreach, and public meetings. These strategies

are documented in the HRTPO **Public Participation Plan**. The most recent version of the Plan was approved by the HRTPO Board in November 2015. The original **Citizens Guide to Transportation**, which provides the citizens of Hampton Roads with a compact view of the HRTPO, its programs and projects and provides a step by step guide to becoming involved in the transportation planning process, was approved by the HRTPO Board in 2011. The updated Guide was approved by the HRTPO Board in November 2015. Specific activities include:

- a. **Extensive Public Outreach for 2040 LRTP** – The HRTPO staff conducted extensive public outreach during the development of the 2040 LRTP. Efforts included a region wide, four-month survey process that resulted in over 1,800 responses, the development of an LRTP Public Involvement Page on the HRTPO website, over 140 meetings with area civic groups on the development of the 2040 LRTP, and public meetings to gain input on the 2040 LRTP Vision and Goals as well as candidate projects.
 - b. **Extensive Public Outreach for the FY 2018-2021 TIP** – The HRTPO staff conducted extensive public outreach during the development of the FY 2018-2021 TIP. Efforts include postings on the HRTPO website, Facebook, and Twitter; as well as Facebook campaign to help educate the public on the TIP and provide another invitation for comments on the document. In the Facebook campaign – which ran from February 8, 2017 through March 10, 2017 – the ad ran 54,203 times, 46,385 individuals clicked on the ad and were taken to a TIP Education Webpage specifically created for this effort, and the draft TIP document was downloaded 1,544 times.
5. **Title VI, Environmental Justice, and Limited English Proficiency** – The HRTPO strives to assure compliance with the rules and regulations associated with Title VI of the Civil Rights Act of 1964 and subsequent nondiscrimination laws, Executive Order 12898 on Environmental Justice (EJ), and Executive Order 13166 on Limited English Proficiency (LEP). The measures taken by the HRTPO to assure compliance are documented in the HRTPO **Title VI and LEP Plan**. The most recent version of the Plan was approved by the HRTPO Board in November 2015. Specific activities include:
- a. **Environmental Justice Database** – The HRTPO has developed a database of over 400 EJ groups throughout the region. These groups are communicated with regularly, via project updates, media releases, and meeting invitations.
 - b. **EJ Roundtable** – The EJ Roundtable was established in March of 2012 in order to discuss the unique role that transportation plays in the diverse communities that make up our Hampton Roads. The group meets to share knowledge and opinions that help the HRTPO make the best possible decisions about transportation planning, the way in which we communicate

with and gain feedback from the public, and how to best create a transparent, inclusive process, here in Hampton Roads.

- c. **Development of Title VI/Environmental Justice Methodology** – The HRTPO staff developed a methodology by which a candidate LRTP project could be assessed and graded with respect to potential disparate impacts to Environmental Justice communities.
6. **Legislative Agenda** – The HRTPO Board developed and approved a list of legislative priorities for the first time in October 2010, to form the 2011 Legislative Agenda for the purpose of conveying the information to the Virginia General Assembly (GA) for its review, consideration, and approval for the 2011 GA session. The Board has developed and approved a Legislative Agenda every year since.

Other Activities and Documents

7. **Hampton Roads 2040 Long-Range Transportation Plan: Committed and Candidate Transportation Projects (Sep 2014)** – The process of updating the LRTP to the horizon year 2040 requires the consideration of transportation alternatives for effectively addressing future regional needs based on projected population and employment growth. A list of approximately 200 candidate transportation projects was developed.
8. **HRTPO Performance Management Process including FY14 Update of RPMs (Sep 2014)** – This report summarizes the current HRTPO system of managing transportation performance and presents updated figures for the HRTPO Regional Performance Measures (RPMs) that were originally developed in response to Virginia House Bill 20 (2010).
9. **Hampton Roads High Speed Passenger Rail Vision Plan (Nov 2014)** – The HRTPO commissioned TEMS to develop a series of studies to assess the potential for enhanced and high speed passenger rail service in the Hampton Roads-Richmond-Washington, D.C. corridor. The Vision Plan is the final study in the series and built on the following previous TEMS studies – Phase 1A Preliminary Vision Plan, Phase 1B Blueprint Study, Phase 2A Data Collection, Phase 2B Alternatives Analysis, and Phase 2B Peninsula Supplement.
10. **Hampton Roads 2040 Long-Range Transportation Plan: Prioritization of Transportation Projects, Project Evaluation and Scoring (Apr 2015)** – This report includes summary evaluation and scoring of approximately 200 candidate projects for the 2040 LRTP.
11. **CMAQ/RSTP Project Selection Process 2014 (Mar 2015)** – This report summarizes the work of selecting CMAQ and RSTP projects during the 2014 CMAQ/RSTP Project Selection Process.

12. **Analyzing and Mitigating the Impact of Tolls at the Midtown and Downtown Tunnels (Jun 2015)** – This report provides background information on the project to add an additional two-lane tunnel at the Midtown Tunnel, rehabilitate the Downtown Tunnel, and extend Martin Luther King Freeway and the comprehensive agreement for the project. In addition, the report examines projected traffic impacts using the travel demand model, analyzes traffic and transit conditions before and after toll implementation, and makes recommendations to mitigate the impacts.
13. **Truck Delay Impacts of Key Planned Highway Projects in Hampton Roads (Jun 2015)** – This study estimates total weekday truck delay for the region and by corridor for the next 20 years for seven scenarios – a base future roadway network scenario and six additional scenarios.
14. **Hampton Roads 2040 Long-Range Transportation Plan: Transportation Challenges and Strategies (Jun 2015)** – This report highlights the challenges presented in various aspects of the Hampton Roads transportation system and strategies that are planned or in place to alleviate these challenges.
15. **HRTPO Guidance on House Bill 2 (Jul 2015)** – This report provides information on the process used by the HRTPO to determine whether to provide support for applicable projects to be submitted under the House Bill 2 (SMART SCALE) statewide project prioritization process or to submit project applications in response to requests by other entities.
16. **Mode Choices of Millennials (Sep 2015)** – This study measured how the mode choice of Millennials differ that of other generations in Hampton Roads.
17. **Regional Performance Measures, FY15 Update (Sep 2015)** – This report documents the historical values and current targets for the HRTPO Regional Performance Measures that were developed in response to Virginia HB30 (2010).
18. **State of Transportation in Hampton Roads 2015 (Sep 2015)** – This report details the current status of all facets of the transportation system in Hampton Roads. Many aspects of the highway system are highlighted, including roadway usage, bridge conditions, costs of congestion, commuting characteristics, roadway safety, truck data, transit usage, bicycle and pedestrian facilities, highway funding, and operations.
19. **Title VI/Environmental Justice Methodology 2040 Long-Range Transportation Plan Candidate Project Evaluation (Oct 2015)** – This report documents the assessment of 2040 LRTP candidate projects using the HRTPO Title VI/Environmental Justice Methodology.

20. **Volumes, Speeds, and Congestion on Major Roadways in Hampton Roads 2014 (Oct 2015)** – The HRTPO has released the *Average Weekday Traffic Volumes for Major Roadways in Hampton Roads* report annually since 2006. This document continues that effort by detailing regional traffic volumes for the year 2014. In addition, this report includes speed data collected by INRIX as well as congestion levels based on the volume and speed information.
21. **Economic Assessment of Tolls on Freight Transportation in the Hampton Roads Region (Oct 2015)** – This study, funded with an allocation of RSTP funding by the HRTPO, analyzed the economic trade-offs of the benefits of transportation infrastructure investments and tolls as a way to pay for the investments.
22. **Identifying Promising Intersections for High-Congestion-Benefit/Low-Cost Improvements (Jan 2016)** – This report examines each of the arterial roadway segments identified in the Congestion Mitigation Process report approved by the HRTPO Board in October 2014 as having high potential for intersection congestion alleviation and identifies those segments that would likely receive major benefits from minor (low-cost) improvements.
23. **CMAQ/RSTP Project Selection Process 2015 (Jan 2016)** – This report summarizes the work of selecting CMAQ and RSTP projects during the 2015 CMAQ/RSTP Project Selection Process.
24. **Signature Paths Study (Mar 2016)** – The purpose of this study is to help localities improve the existing active transportation network in Hampton Roads in a cost-effective way – by locating inactive rail rights-of-way and analyzing the costs and benefits of converting them to multi-use trails.
25. **Sea Level Rise and Storm Surge Impacts to Roadways in Hampton Roads (May 2016)** – This report includes a methodology for incorporating sea level rise and storm surge impacts to roadways into the HRTPO Project Prioritization Tool.
26. **Hampton Roads 2040 Long-Range Transportation Plan: Funding Plan and Fiscally-Constrained List of Projects (Jun 2016)** – This report summarizes the fiscal-constraint process of the 2040 LRTP – identifying transportation revenues that will reasonably be available to help preserve the Hampton Roads transportation system and support additional investments over the next 20 years.
27. **Hampton Roads 2040 Long-Range Transportation Plan: Project Information Guide (Jun 2016)** – This report provides summarized project information for the fiscally-constrained list of projects for the 2040 LRTP.
28. **Hampton Roads 2040 Long-Range Transportation Plan: Plan Performance (Jun 2016)** – This report summarizes the forecasted performance of the 2040 LRTP.

29. **Hampton Roads 2040 Long-Range Transportation Plan: Public Involvement (Jun 2016)** – This report provides an overview of the public involvement activities conducted for the 2040 LRTP.
30. **State of Transportation 2016 Report (Sep 2016)** – This report, produced as part of the Congestion Management Process, details the current status of all facets of the transportation system in Hampton Roads, including air, rail, water, and highways.
31. **HRTPO Regional Performance Measures (RPMs) FY16 Update (Sep 2016)** – This report documents the historical values and current targets for the HRTPO Regional Performance Measures that were developed in response to Virginia HB30 (2010).
32. **Volumes, Speeds, and Congestion on Major Roadways in Hampton Roads 2015 (Jan 2017)** – The HRTPO has released the *Average Weekday Traffic Volumes for Major Roadways in Hampton Roads* report annually since 2006. This document continues that effort by detailing regional traffic volumes for the year 2014. In addition, this report includes speed data collected by INRIX as well as congestion levels based on the volume and speed information.
33. **Hampton Roads Regional Transit Benchmarking (Feb 2017)** – This study compares the performance of the transit agencies in Hampton Roads to peer agencies nationwide and provides a baseline against which future performance may be measured.
34. **FY 2018-2021 Transportation Improvement Program (Apr 2017)** – This full update of the HRTPO Transportation Improvement Program (TIP) continues to use the format and visualization techniques initiated with the FY 2012-2015, TIP which significantly improved access to project information, including funding allocations, scheduled obligations, and expenditures. The FY 2018-2021 TIP is scheduled to go into effect on October 1, 2017.
35. **CMAQ/RSTP Project Selection Process 2016 (Apr 2017)** – This report summarizes the work of selecting CMAQ and RSTP projects during the 2016 CMAQ/RSTP Project Selection Process.