



**HAMPTON ROADS TRANSPORTATION PLANNING ORGANIZATION
BOARD RESOLUTION 2014-04**

A RESOLUTION OF THE HAMPTON ROADS TRANSPORTATION PLANNING ORGANIZATION APPROVING THE FY 2015-2018 TRANSPORTATION IMPROVEMENT PROGRAM AND THE ACCOMPANYING CERTIFICATION OF THE TRANSPORTATION PLANNING AND PROGRAMMING PROCESS.

WHEREAS, the HRTPO is the Federally designated metropolitan planning organization (MPO) for the Hampton Roads metropolitan planning area (MPA) and, as such, is required to coordinate the transportation planning activities for the MPA including the planning and programming of funds through the Transportation Improvement Program (TIP), which must be consistent with the current Long-Range Transportation Plan;

WHEREAS, to ensure compliance, the financially-constrained FY 2015-2018 TIP was developed in adherence to all applicable Federal regulations associated with the current Federal transportation legislation entitled the *Moving Ahead for Progress in the 21st Century Act* (MAP-21);

WHEREAS, the FY 2015-2018 TIP was developed by the HRTPO in cooperation with the Virginia Department of Transportation, the Virginia Department of Rail and Public Transportation, Hampton Roads Transit, and the Williamsburg Area Transit Authority;

WHEREAS, the TIP contains all Federally-funded and/or regionally-significant transportation projects for the Hampton Roads MPA and that before any such project may be conducted or constructed it must be included in the current TIP that has been approved by the HRTPO; and

WHEREAS, in accordance with Federal regulations, all MPAs, concurrent with the submittal of the entire proposed TIP to the Federal Highway Administration and Federal Transit Administration as part of the Statewide Transportation Improvement Program approval, the State and the MPO shall certify at least every four years that the metropolitan planning process is being carried out in accordance with applicable requirements.

NOW THEREFORE BE IT RESOLVED that the Hampton Roads Transportation Planning Organization hereby approves the HRTPO FY 2015-2018 Transportation Improvement Program and the accompanying Certification of the Transportation Planning and Programming Process.

APPROVED and ADOPTED by the Hampton Roads Transportation Planning Organization at its meeting on the 17th day of July, 2014.

McKinley Price
Chair

Hampton Roads Transportation
Planning Organization

Linda T. Johnson
Vice-Chair

Hampton Roads Transportation
Planning Organization

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, the Transportation Improvement Program and associated Air Quality Conformity Determination, and the Unified Planning Work Program.

1. 23 U.S.C. 134, 49 U.S.C. 5303, and 23 CFR part 450.334 (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 SAFETEA-LU (Pub. L. 109-59) 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**

C. Ravanbakht

Signature

Camelia Ravanbakht

Printed Name

Interim Executive

Title

Director

7/9/14

Date

**Virginia Department of
Transportation**

[Signature]

Signature

JAMES S UTTERBACK

Printed Name

DISTRICT ADMINISTRATOR

Title

JULY 16, 2014

Date

**Virginia Department of
Rail & Public Transportation**

Jennifer Mitchell

Signature

Jennifer Mitchell

Printed Name

Director

Title

July 8, 2014

Date

ACCOMPLISHMENTS REPORT

The following HRTPO initiatives and accomplishments have been achieved since the previous self-certification in July 2011 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 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 LRTP for Hampton Roads is for the horizon year 2034 and was approved by the HRTPO Board in January 2012. For the past two years, HRTPO staff has been developing the update to the LRTP, with a horizon year of 2040.
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 new format significantly improves access to project information, including funding allocations, scheduled obligations, and expenditures. Visualization techniques have been applied to the TIP in the form of project location maps and an online interactive map. A full update of the TIP (FY 2015-2018) is scheduled for HRTPO Board approval in July 2014.
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. Work is underway on the latest update of the CMP, with approval by the HRTPO Board anticipated in September 2014.
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 January 2013. 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 Guide is currently being updated, with approval by the HRTPO Board expected in summer/fall 2014. Specific activities include:

- a. **Extensive Public Outreach for 2034 LRTP** – The HRTPO staff conducted extensive public outreach during the development of the LRTP. Outreach strategies included: surveys, a website dedicated to the development of the 2034 LRTP, library outreach (bookmarks, flyers, surveys, and reports), visualization techniques in the form of an online interactive map, implementation of a school outreach program, and dozens of public meetings across the Hampton Roads region.
 - b. **Extensive Public Outreach for 2040 LRTP** – The HRTPO staff is conducting extensive public outreach during the development of the 2040 LRTP. Efforts include a region wide, four-month survey process that culled over 1800 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 projects.
 - c. **Extensive Public Outreach for the FY 2015-2018 TIP** – The HRTPO staff is conducting extensive public outreach during the development of the FY 2015-2018 TIP. Efforts include producing a summary public outreach flyer; outreach to 62 community centers and 20 YMCA/YWCA locations throughout Hampton Roads; postings on the HRTPO website and the websites of member localities, Facebook, and Twitter; special effort to solicit comments from stakeholders involved with goods movement; and a one-month online survey.
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 May 2013. 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 is currently developing a methodology by which a project's potential impacts can be assessed and graded for 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 Military Transportation Needs Study - Highway Network Analysis (Sep 2011)** - The Strategic Highway Network (STRAHNET) is designated by the Federal Highway Administration in coordination with the U.S. Department of Defense as the minimum network of highways that are important to the Nation's strategic defense policy - providing access, continuity, and emergency capabilities to over 200 important military installations and ports. There are many military sites in Hampton Roads that are not identified within STRAHNET, and regional stakeholders expressed a desire to identify a roadway network beyond STRAHNET to include roadways serving these additional military sites and intermodal facilities supporting the military. This study identified a regional roadway network that includes STRAHNET routes as well as non-STRAHNET routes and evaluated the condition of this network in terms of congestion, deficient bridges, and inadequate geometrics. The study also identified existing programmed, planned, or candidate projects in Hampton Roads that are important to the military.
8. **Traffic Impact of an Inland Port in Hampton Roads (Sep 2011)** - The competitiveness of the Port of Virginia is impacted by roadway congestion in Hampton Roads. One possible solution to bypass this congestion and make the Port of Virginia more competitive is an inland port to the west of the congested areas of Hampton Roads. This study examined the impacts that an inland port to the west of Hampton Roads would have on roadway travel and congestion, both today and in the future, throughout the region.
9. **Hampton Roads Regional Safety Study: General Crash Data and Trends - 2011 Update (Dec 2011)** - This report updates the General Crash Data and Trends portion of the Hampton Roads Regional Safety Study (initiated in 2001). Trends are analyzed for crashes, injuries, and fatalities on a regional and jurisdictional level. Comparisons are also made with statewide and national data.

10. **2034 Long-Range Transportation Plan (Jan 2012)** – The report documents the process through which the current LRTP was developed and identifies the transportation projects planned to be in place through the year 2034.
11. **Hampton Roads Travel Time/Speed Study (Apr 2012)** – As part of its planning efforts, the HRTPO monitors regional roadway congestion through the Congestion Management Process (CMP). HRTPO staff uses archived travel time and speed data provided by INRIX to determine roadway congestion levels, as well as the duration of congestion. This report details the HRTPO analysis of the travel time and speed data collected by INRIX for the year 2010.
12. **Regional Performance Measures (Apr 2012)** – This report documents the historical values and current targets for the HRTPO Regional Performance Measures that were developed in response to Virginia HB30 (2010).
13. **Users of Existing Toll Facilities in Hampton Roads (Sep 2012)** – To gain insight on the portion of tolls collected at existing toll facilities in Hampton Roads that is paid by local individuals and businesses, HRTPO staff analyzed E-ZPass data provided by VDOT for a 12-month period for transactions at the three existing toll facilities in the region.
14. **Hampton Roads Military Transportation Needs Study – Military Commuter Survey (Sep 2012)** – This report provides the results of the Hampton Roads Military Commuter Survey, which was conducted from November 8, 2011 through February 24, 2012. The purpose of the survey was to determine the transportation challenges facing local military personnel during their daily commutes.
15. **Hampton Roads Regional Freight Study – 2012 Update (Sep 2012)** – This update focused on two major components: 1) commodity flows – determining freight movements, top trading partners, and top commodities for Hampton Roads, and 2) regional truck movement – analyzing the movement of trucks within Hampton Roads as well as through the gateways of the region.
16. **Regional Active Transportation Research Scan (Oct 2012)** – The term “active transportation” refers to all forms of human-powered transportation, including walking and bicycling. The purpose of the research scan was to identify best practices in active transportation planning in the United States and abroad.
17. **New HRTPO Website (Nov 2012)** – The new HRTPO website was launched in November of 2012 following a year-long update process. The new website is ADA compliant, offers translation of the site using Google Translator for citizens of the region who have Limited English Proficiency and offers adaptive screen technology

and screen readers for those who suffer from loss of vision. The website hosts public comment opportunities in English, Spanish and Tagalog.

18. **Hampton Roads Regional Bridge Study – 2012 Update (Nov 2012)** – The *2007 Hampton Roads Regional Bridge Study* for the first time provided a regional analysis of bridge topics such as inspections and ratings, deficient bridges, bridge funding, and the impacts that closures of major bridges have on travel patterns in Hampton Roads. This update builds on the previous bridge study.
19. **HRTPO Public Participation Plan (Dec 2012)** – This updated PPP is part of a comprehensive effort to inform, increase awareness, and engage interested parties in the transportation planning and programming processes.
20. **2034 LRTP Marketing Guide (Jan 2013)** – A marketing guide was designed as a tool to engage the public. This succinct guide helped disseminate information in the 2034 LRTP to citizens across the region and engage stakeholders in the LRTP planning process. The brochure was distributed to localities, civic organizations, and regional libraries.
21. **Hampton Roads Passenger Rail Study: Phase 2A Norfolk-Richmond Data Collection Final Report (Mar 2013)** – TEMS was commissioned to develop a Vision Plan for passenger rail service for Hampton Roads to implement HRTPO objectives. The purpose of the Phase 2A study was to collect all the data needed to complete the Norfolk-Richmond corridor Vision Plan and the Service Development Plan assessment required by the Federal Rail Administration to support further planning work on high-speed rail for the Norfolk-Richmond corridor.
22. **Historical Analysis of Census Transportation Data (Mar 2013)** – HRTPO staff examined census data for 1970 through 2010. The data is presented individually by locality and collectively for the region.
23. **HRTPO Title VI & LEP Plan (Jun 2013)** - The purpose of the Title VI and LEP Plan is to describe the measures taken by the HRTPO 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, and Executive Order 13166 on Limited English Proficiency (LEP).
24. **State of Transportation in Hampton Roads 2013 (Jun 2013)** – 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.

25. **Volumes, Speeds, and Congestion on Major Roadways in Hampton Roads (Jun 2013)** – 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 years 2007-2012. In addition, this report includes speed data collected by INRIX as well as congestion levels based on the volume and speed information.
26. **Hampton Roads Military Transportation Needs Study – Roadways Serving the Military and Sea Level Rise/Storm Surge (Jul 2013)** – This report estimates the sea level rise and potential storm surge threats to the “Roadways Serving the Military” network identified in the previous Highway Network analysis report (Sep 2011).
27. **Hampton Roads Regional Travel Time Reliability (Jul 2013)** – This report uses INRIX travel time and speed data to examine travel time reliability of the regional roadway network – defined as how much travel times vary over the course of time as measured from day to day or across different times of the day.
28. **Existing and Future Truck Delay in Hampton Roads (Sep 2013)** – This study builds on the work contained in the *Hampton Roads Regional Freight Study* (Sep 2012), expanding the analysis of existing truck volumes and delays by location to include future truck volumes and delays in the region.
29. **Hampton Roads Long-Range Transportation Plan: Visioning Survey Report (Sep 2013)** – The HRTPO is currently in the process of developing the 2040 LRTP. As part of that process, HRTPO staff conducted a non-scientific public survey from October 10, 2012 through December 31, 2012 to gain input during the early stages of LRTP development from stakeholders and the general public.
30. **Hampton Roads 2040 Socioeconomic Forecast and TAZ Allocations (Oct 2013)** - The HRTPO is currently in the process of developing the 2040 LRTP. As part of that process, HRTPO staff must examine how the region may develop over the next 20 years based upon projected population and employment growth.
31. **Hampton Roads Regional Safety Study 2013 Update – Part I: Crash Trends and Locations (Oct 2013)** - This report is the first full update to the original *Hampton Roads Regional Safety Study* (2001). Topic included in Part I include: regional safety trends, crash characteristics, and crash locations.
32. **2040 LRTP Vision and Goals (Nov 2013)**– HRTPO staff utilized common themes from the September 2013 public visioning survey along with regional stakeholder input, comprehensive plans from localities, MAP-21 federal planning factors, and the Commonwealth’s Statewide Long-Range Plan (VTrans 2035) guidelines to help establish the regional vision and goals for the 2040 LRTP.

33. **Regional Procedures for Planned Closures at River Crossings (Jan 2014)** – This report documents regional procedures to help prevent or minimize delays caused by closures of river crossings.
34. **Prioritizing Highway Projects for Improvement of Evacuation (Mar 2014)** – This report documents an HRTPO staff analysis to identify and prioritize, according to cost effectiveness, highway projects designed to improve hurricane evacuation in Hampton Roads.
35. **Positioning Hampton Roads for Freight Infrastructure Funding: MAP-21 and Beyond (Mar 2014)** – This study identifies a base network of highways within Hampton Roads that are anticipated to be part of the National Freight Network. The study also provides information on the condition and performance of those highways, freight bottlenecks, and major trade gateways in order to strategically position the state and the region for future freight infrastructure funding initiatives.
36. **Hampton Roads Passenger Rail Study: Phase 2B – Hampton Roads Passenger Rail Vision Plan Alternatives Analysis (Mar 2014)** – This study is a follow-up to the Phase 2A report approved by the HRTPO Board in March 2013, and focuses on identifying route options that would allow high-speed rail in the Norfolk-Richmond corridor segment.
37. **State of Transportation in Hampton Roads: 2014 Update (Jun 2014)** – This report is produced as part of the Congestion Management Process and details the current status of all facets of the transportation system in Hampton Roads, including air, rail, water, and highways.
38. **2040 LRTP Candidate Projects (Jun 2014)** – Candidate projects for the 2040 LRTP were collected from the 2034 LRTP, localities, and via the September 2013 public Visioning Survey. Candidate projects have been reviewed by members of the Transportation Technical Advisory Committee (TTAC), LRTP Subcommittee, and by the general public. Data is being collected on each project and the candidate projects will be subsequently evaluated using the HRTPO Project Prioritization Tool. In addition to highway, bridge/tunnel, transit, and intermodal projects, active transportation (bicycle/pedestrian) projects will also be evaluated as part of the prioritization process.
39. **FY 2015-2018 Transportation Improvement Program (Jul 2014)** – 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.

40. **Hampton Roads Regional Safety Study 2013 Update: Part II – Crash Analysis and Countermeasures (Jul 2014)** – This report is the first full update to the original *Hampton Roads Regional Safety Study* (2001). Part I of this Update included regional safety trends, crash characteristics, and crash locations and was approved by the HRTPO Board in October 2013. This part of the Update included efforts to improve roadway safety, potential for safety improvements, and general crash countermeasures for high crash locations.
41. **Pavement Performance Measurement in Hampton Roads (Jul 2014)** – This report summarizes the analysis of publicly-available pavement data for Hampton Roads to determine the condition and smoothness of the region’s roadways. In addition, maintenance funding and lane closure data are included.
42. **Regional Active Transportation Map (Ongoing)** – Building upon the October 2012 Regional Active Transportation Research Scan, HRTPO staff in coordination with VDOT, locality officials, and public are developing a map of the existing and proposed bicycle and pedestrian facilities in the region. HRTPO Board approval of the Map is expected in the fall of 2014.