



# ***HRTPO FY 2024-2027 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)***

## **2024 FEDERAL QUADRENNIAL REVIEW**



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August 14, 2024

- Background
- 2020 Certification Review
- Public Involvement
- TIP Revisions
- Amendments vs. Ad-Mods
- TIP/STIP Coordination
- TIP Projects
- Project Selection and Prioritization
- Annual Obligations
- Website Update and Demonstration

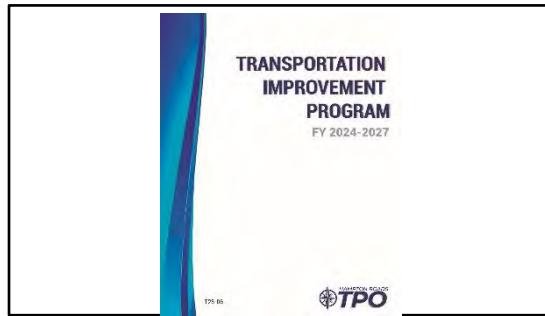
## Regional Project Planning

### Planning



Reasonably Available Funds

### Programming



Refined Scope, Schedule, real money identified

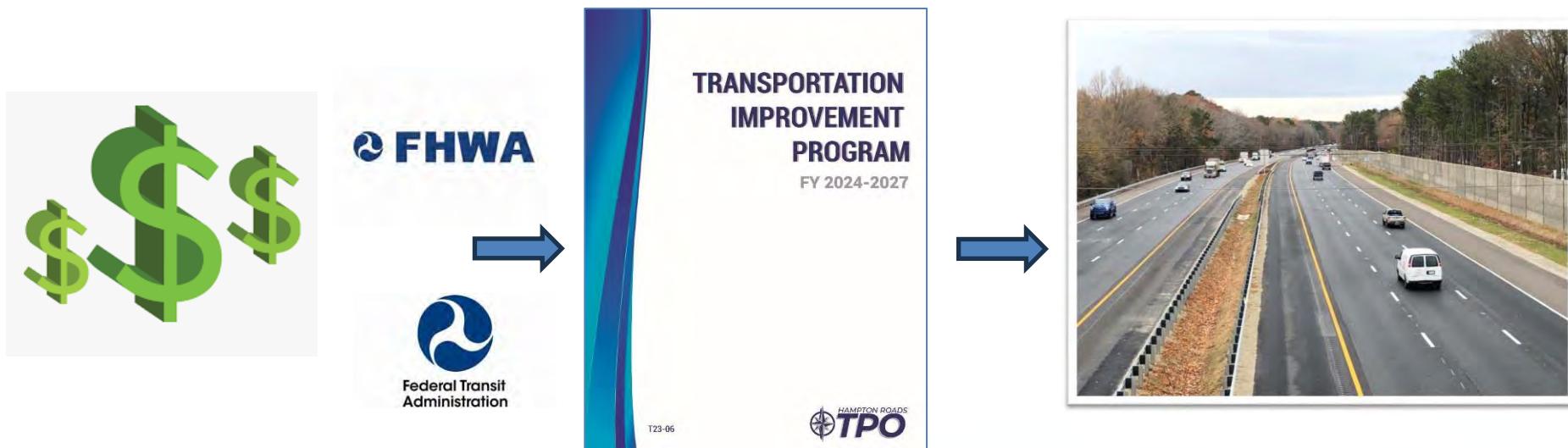
### Implementation



Build/Initiate Project

# WHAT IS IN A TIP?

- The TIP is a multi-year program for the implementation of surface transportation projects and contains all federally-funded and/or regionally significant projects that require an action by the Federal Highway Administration (FHWA) or Federal Transit Administration (FTA).
- Before any federally funded and/or regionally significant surface transportation project can be built in the Hampton Roads MPA, it must be included in the current TIP.
- Current TIP (approved by the HRTPO Board on May 18, 2023) spans FY 2024-2027.





## COMMENDATION:

*Transportation Improvement Program* – “The incorporation of mapping and enhanced visualization techniques for the TIP is exceptional and lends itself to a better document for public review.”

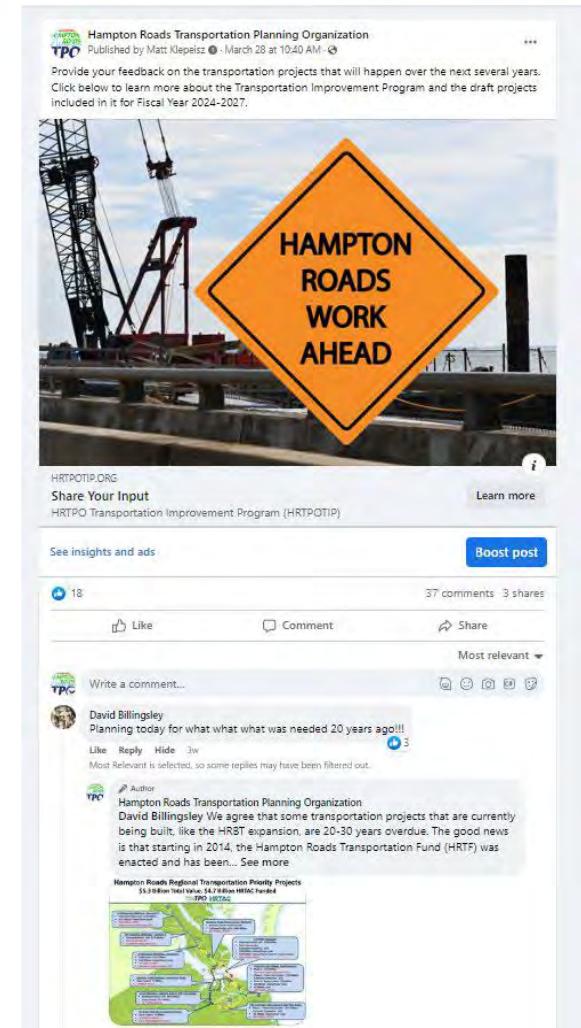
- The mapping and visualization techniques have been continued in the FY 2024-2027 TIP with additional enhancements.

## RECOMMENDATION:

*Transportation Improvement Program* – “For the next TIP update, the financial plan in the TIP should show the summary costs (Table 2) of implementing public transportation system improvements, for each fiscal year (similar to highway projects).”

- The FY 2021-2024 TIP was updated with public transportation summary costs table.
- The FY 2024-2027 TIP includes the public transportation summary costs table.

# PUBLIC INVOLVEMENT



## TRANSPORTATION IMPROVEMENT PROGRAM

FY 2024-2027

May 2023  
T23-06



### REVISIONS TO THE TIP

A TIP revision is a change that is made between full updates of the TIP. The TIP is regularly revised to update project information, as well as to add or delete projects.

*There are two types of TIP revisions:*

#### **Amendments**

- A major change to a project in the TIP.
- It requires an opportunity for review and comment by the public and HRTPO Board approval.

#### **Administrative Modifications**

- A minor change to the TIP.
- Included as attachments to a standing HRTPO Board agenda note each month to inform Board members of the status of locality/agency TIP projects.

## TIP Amendments

- Addition/deletion of a project.
- Addition/deletion of a project phase.
- Major change in design concept, scope, or termini.
- Major change in project phase initiation date (6 to 12 month delay).
- Ungrouping a TIP project to add back into the TIP as an individual project.
- Major change in project cost as determined by the Sliding Scales below:

**Highway-FHWA**

Approved STIP Total Estimate Project Cost Estimate	Estimate Increase Requiring Amendment
Up to \$2,000,000	Greater than 100%
Greater than \$2,000,000 to \$10,000,000	Greater than 50%
Greater than \$10,000,000 to \$20,000,000	Greater than 250%
Greater than \$20,000,000 to \$35,000,000	Greater than 15%
Greater than \$35,000,000	Greater than 10%

**Transit-FTA**

Approved STIP Total Estimate Project Cost Estimate	Estimate Increase Requiring Amendment
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# ADMINISTRATIVE MODIFICATIONS (AD-MODS)



# TIP AND STIP COORDINATION



The HRTPO TIP is developed in coordination with VDOT, DRPT, Localities, Agencies, and other stakeholders. Opportunities for public comment/input are available throughout the process.



System	Projects
Interstate	49
Primary	33
Urban	151
Secondary	8
Public Transportation	19
Miscellaneous	9
Enhancement	21
<b>Total</b>	<b>290</b>

**Total Project Cost = \$11,745,791,201**

The HRTPO Board selects projects and awards funding under four federal programs:

- **Congestion Mitigation and Air Quality (CMAQ) Improvement Program**
  - Annual Project Selection Process (PSP).
  - Projects are ranked utilizing an in-house tool developed over 30 years ago and updated most recently in FY 2022.
- **Regional Surface Transportation Program (RSTP)**
  - Annual PSP.
  - Projects are ranked utilizing the HRTPO Project Prioritization Tool.
- **Carbon Reduction Program (CRP)**
  - Triennial PSP.
  - Projects are ranked utilizing an in-house tool along with the USDOT CMAQ Emissions Calculator Toolkit.
- **Transportation Alternatives (TA) Set-Aside Program**
  - Biennial PSP.
  - Projects are scored and ranked through the VDOT Local Assistance Division.

- 23 CFR 450.332 requires the production of an “annual listing of obligated projects”, referred to by the HRTPO as the Annual Obligation Report (AOR)
- The AOR is developed cooperatively by the State, public transportation operators, and the HRTPO
- The AOR lists project for which federal funds were obligated during the preceding federal fiscal year
- The AOR must be made available to the public within 90 calendar days following the end of the federal fiscal year (by the end of December)



**Obligation** – An obligation is a legal commitment by the Federal government to pay the Federal share of a project's cost. An obligated project is one that has been authorized by the Federal agency and for which funds have been committed.

**Table 1: Summary of In-depth FY 2023 AOR Review**

	Ungrouped Projects	Project Groups	Total	% of Total
<b>Number of projects in AOR</b>	<b>80</b>	<b>7</b>	<b>87</b>	<b>100%</b>
<b>Projects with FY 2023 obligations shown in HRTPO TIP</b>	<b>10</b>	<b>4</b>	<b>14</b>	<b>16%</b>
<b>Projects Not in FY 2021-2024 TIP *</b>	<b>18</b>	<b>0</b>	<b>18</b>	<b>21%</b>
<b>Projects with no FY 2023 obligations in HRTPO TIP</b>	<b>52</b>	<b>3</b>	<b>55</b>	<b>63%</b>
<b>CMAQ Projects grouped</b>	<b>N/A</b>	<b>0</b>	<b>0</b>	<b>0%</b>
<b>RSTP Projects grouped</b>	<b>N/A</b>	<b>0</b>	<b>0</b>	<b>0%</b>

\* Per VDOT/FHWA agreement, projects that are in financial close out (InCO) do not need to be included in the current HRTPO TIP. Projects flagged as InCO were excluded from this analysis.

TIP Website ([www.hrtpotip.org](http://www.hrtpotip.org)) was updated in FY 2024. Some highlights include:

- Easy access to the TIP and related documents
- Updated interactive map
- Simplified project search tool
- Searchable TIP flip book

This screenshot shows the HRPTO TIP website. On the left, there is an 'Interactive Project Map' showing a map of the Hampton Roads area with various projects marked. On the right, there is a 'TIP Report Document' flip book titled 'FY 2024-2027 TIP Report Document'. The flip book is open to the first page, showing a table of contents and some text. The website has a header with the HRPTO TIP logo and navigation links for 'ABOUT THE HRPTO TIP', 'NEW TO THE TIP', and 'BROWSE BY LOCALITY/AGENCY'.

This screenshot shows the 'Interactive Project Map' feature on the HRPTO TIP website. It displays a map of the Hampton Roads area with a callout box highlighting a project at 'Centerville Rd and News Road Intersection Improvements' in James City County. The callout box contains information such as 'Name: Centerville Rd and News Road Intersection Improvements', 'Jurisdiction: James City County', 'Street/Route: Centerville Rd (Rt14)', 'UPC: 102944', and a 'Project Sheet' link. Below the map, there is a link to 'Click the image below to view the' project sheet.

This screenshot shows the 'BROWSE BY LOCALITY/AGENCY' feature for the locality 'Chesapeake'. It lists various projects under 'Chesapeake' with links to their details. The projects include: UPC\_106692\_L64\_Southside\_Widening\_and\_High\_Rise\_Bridge\_Phase\_I\_HR7AC\_revenue\_only (PDF), UPC\_377037\_Chesapeake\_Signal\_Timing\_Phase\_2 (PDF), UPC\_377033\_Chesapeake\_Signal\_Timing\_Phase\_3 (PDF), UPC\_03990\_L64\_Southside\_Widening\_and\_High\_Rise\_Bridge\_Phase\_I\_child\_project\_of\_UPC\_106692\_Other\_Fed\_and\_State\_funds (PDF), UPC\_370352\_Deep\_Creek\_Bridge\_Replacement (PDF), UPC\_119801\_Chesapeake\_Signal\_System\_Study\_including\_Signal\_System\_and\_Intersection\_Updates (PDF), UPC\_11427\_Bower\_Hill\_Interchange\_SF\_Only (PDF), UPC\_11382\_L64\_Southside\_Widening\_High\_Rise\_Bridge\_Phase\_I\_CARVEE\_Debt\_Service (PDF), UPC\_113828\_Chesapeake\_Traffic\_Signal\_System\_Protection\_Upgrade (PDF), UPC\_115623\_George\_Washington\_Highway\_Widening (PDF), UPC\_11518\_Battlefield\_Boulevard/Volvo\_Parkway\_Intersection\_Improvements (PDF), UPC\_11526\_Mt\_Pleasant\_Road\_and\_the\_Great\_Bridge\_Bypass\_Intersection\_Improvements (PDF), UPC\_11526\_L1\_Citywide\_Traffic\_Signal\_System\_Updates (PDF), UPC\_119269\_Centerville\_Turnpike/Fibro\_Road\_intersection\_Improvements (PDF), and UPC\_119277\_Route\_460/58/13\_Safety\_Improvements (PDF). The website header and navigation links are visible at the top.

# Thank You !

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