

HRTPO FY 2024-2027 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

2024 FEDERAL QUADRENNIAL REVIEW



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Principal Transportation Planner
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

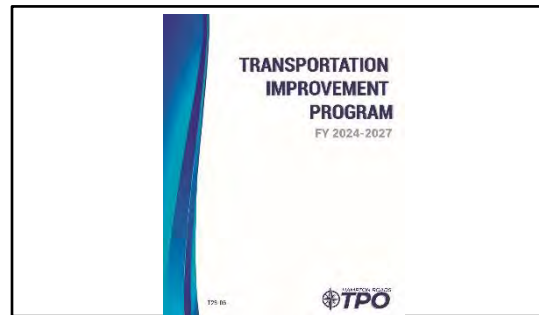
Regional Project Planning

Planning



Reasonably
Available Funds

Programming



Refined Scope,
Schedule, real
money identified

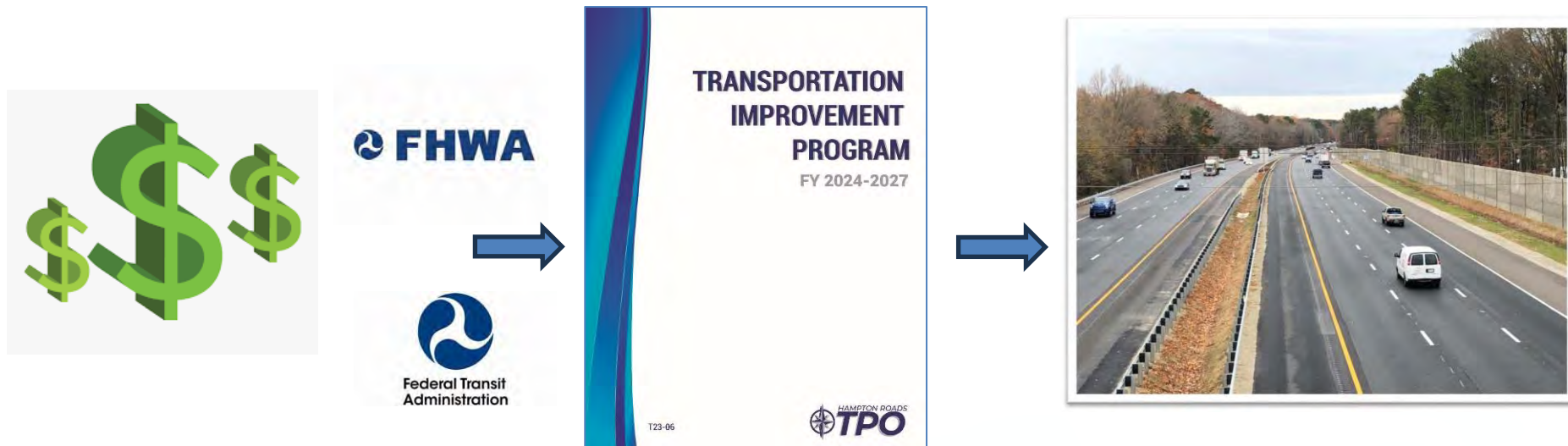
Implementation



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.



Wythe Creek Road - Widen to 3 Lanes UPC # 97715

OVERVIEW

Description: Widen to 3 lanes from Commander Shepard Blvd (Rte 172) to the City of Poquoson line.

Street (Route): Wythe Creek Road (172)

From: Commander Shepard Boulevard (Route 172)

To: Poquoson City Line

Length (mi): 1.0

Jurisdiction/Agency: Hampton

System: Urban

Scope: Reconstruction w/ Added Capacity

Oversight: Non-Federal Oversight

Administered By: VDOT

Regionally Significant: Yes

CMAQ: No

RSTP: Yes



HRTPO Notes

Revised 3/25/2024: Administrative Modification to revise the project name, cost estimate, allocations, and obligations as part of the FY 2024-2027 rollover process. Revise cost estimate to be \$60,131,449. Update allocations as follows: Revise FY Previous RSTP allocation to be \$30,842,372; revise FY Previous RSTP Match allocation to be \$7,710,597; revise FY 2024 RSTP allocation to be \$4,136,586; revise FY 2024 RSTP Match allocation to be \$1,034,147; add FY 2025 RSTP allocation of \$4,753,237, plus \$1,188,309 RSTP match; add FY 2026 RSTP allocation of \$6,972,377, plus \$1,743,094 RSTP match; add FY 2027 RSTP allocation of \$1,120,000, plus \$280,000 RSTP match. Update obligations as follows: revise FY Previous RS allocation to be \$87,500; add FY Previous RS Match allocation of \$87,500; revise FY Previous HIP allocation to be \$734,837; revise FY Previous PE Phase RSTP obligation to be \$2,865,600; remove FY 2024 PE Phase RSTP obligation of \$256,000; revise PE Phase RSTP Match obligation to be \$716,401; revise FY Previous RW Phase RSTP obligation to be \$2,004,606; revise RW Phase RSTP Match obligation to be \$501,152; add FY Previous CN Phase RSTP obligation of \$42,573,136, plus \$10,643,284 RSTP match; add FY Previous CN Phase RS obligation of \$87,500, plus \$87,500 RS match; add FY Previous CN Phase HIP/F obligation of \$1,380,902; remove FY 2024 CN Phase Other obligation of \$5,326,327, plus \$5,326,327 Other match; remove FY 2024 CN Phase AC obligation of \$44,713,012; add FY 2024 CN Phase AC-Conversion obligation of \$4,753,237, plus \$1,188,309 AC-Conversion match. This Ad-mod rollover includes RSTP funds that VDOT is obligating before the allocation year. The rollover also includes an even swap of HIP funds and RSTP funds between UPC 97715 and UPC 69050 from August 29, 2023 by VDOT CO. VDOT CO identified additional projects that required transfers in order to avoid lapsed funds due to time-sensitive HIP allocations. The HIP funds from UPC 97715 were evenly swapped with out-year (FY 2026) RSTP funds from UPC 69050. Revised 3/25/2024: Administrative Modification to update the allocations as follows: transfer FY 2026 RSTP allocation of \$1,057,580, plus \$264,395 RSTP match, to UPC 13427.

SCHEDULE

	Start	End	Status
Preliminary Engineering	7/28/2011	11/15/2016	Complete
Right of Way	11/15/2016	11/9/2021	Complete
Construction	11/9/2021	6/26/2025	Underway

COSTS AND EXPENDITURES

	Total Expenditures			Recent Expenditures			
	Cost Estimates	Total Expenditures	Percent Expended	Latest Quarter	Previous 3 Quarters	3	2
Preliminary Engineering	\$3,582,000	\$3,451,006	96%	\$268,870	\$45,792	\$66,486	\$1,086
Right of Way	\$2,505,757	\$2,474,268	99%	\$89,597	\$203,023	\$60,837	\$3,543
Construction	\$54,043,692	\$0	0%	\$0	-	-	-
TOTAL	\$60,131,449	\$5,925,274	10%				

Wythe Creek Road - Widen to 3 Lanes UPC # 97715

ALLOCATIONS

Fund Source(s)	Previous	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
RSTP Match	\$7,710,597	\$1,034,147	\$1,188,309	\$1,478,699	\$280,000	\$11,691,752
RSTP	\$30,842,372	\$4,136,586	\$4,753,237	\$5,914,797	\$1,120,000	\$46,766,992
RS Match	\$87,500	\$0	\$0	\$0	\$0	\$87,500
RS	\$87,500	\$0	\$0	\$0	\$0	\$87,500
LOC	\$593,340	\$0	\$0	\$0	\$0	\$593,340
HIP	\$734,837	\$0	\$0	\$0	\$0	\$734,837
TOTAL	\$40,056,146	\$5,170,733	\$5,941,546	\$7,393,496	\$1,400,000	\$59,961,921

SCHEDULED OBLIGATIONS

Phase	Fund Source	Previous	FY 2024	FY 2025	FY 2026	FY 2027	Match
PE	RSTP	\$2,865,600					\$716,401
	Subtotal	\$2,865,600					\$716,401
RW	RSTP	\$2,004,606					\$501,152
	Subtotal	\$2,004,606					\$501,152
CN	HIP/F	\$1,380,902					
CN	RS	\$87,500					\$87,500
CN	AC-Conv		\$4,753,237				\$1,188,309
CN	RSTP	\$42,573,136					\$10,643,284
	Subtotal	\$44,041,538	\$4,753,237				\$11,919,093
TOTAL		\$48,911,744	\$4,753,237				\$13,136,646

Source of Project Data: Virginia Department of Transportation.



FY 2024-2027 Transportation Improvement Program
Urban System Projects | Section VI - 60



FY 2024-2027 Transportation Improvement Program
Urban System Projects | Section VI - 61



COMMENDATION:

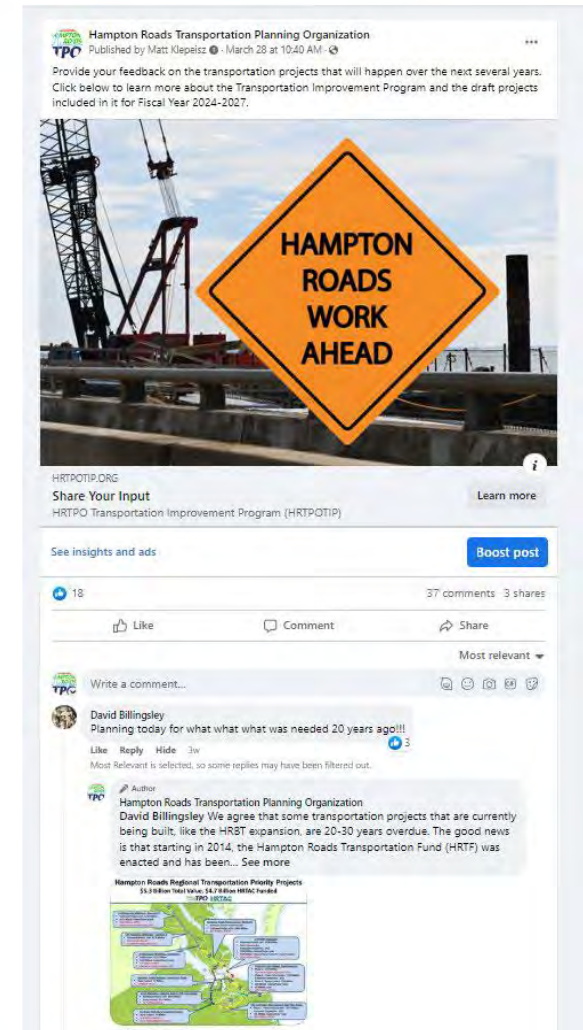
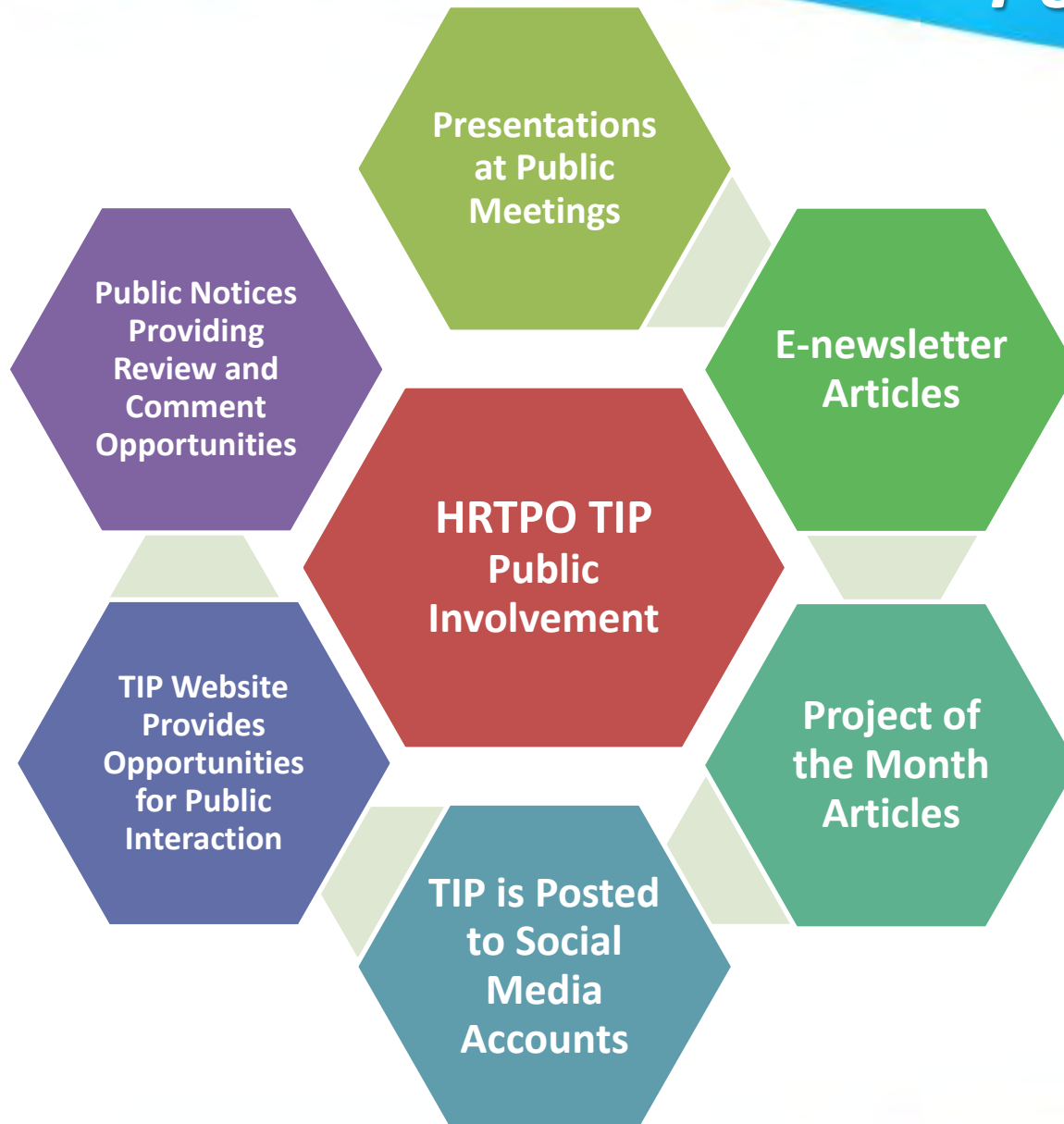
Transportation Improvement Program – “The incorporation of mapping and enhanced visualization techniques for the TIP is exceptional and lends itself to a better document for public review.”

- 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.



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
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%
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Greater than \$35,000,000	Greater than 10%

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
Total	290

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.

AOR REVIEW SUMMARY

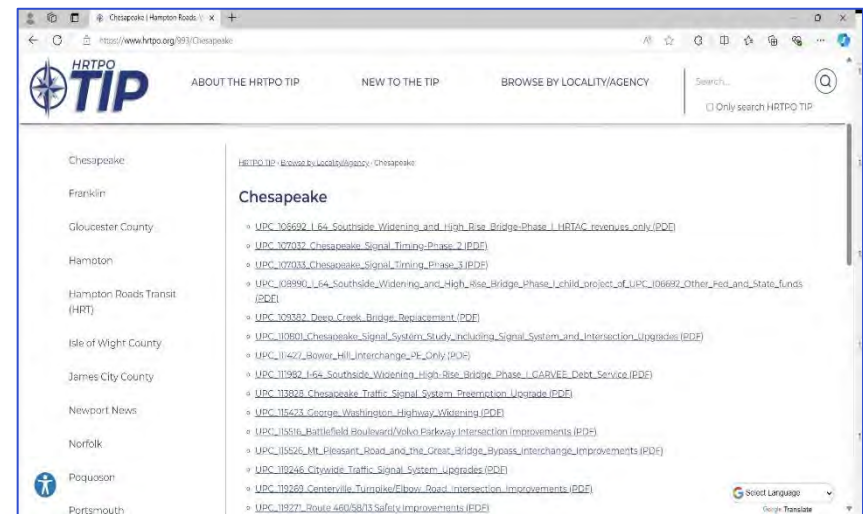
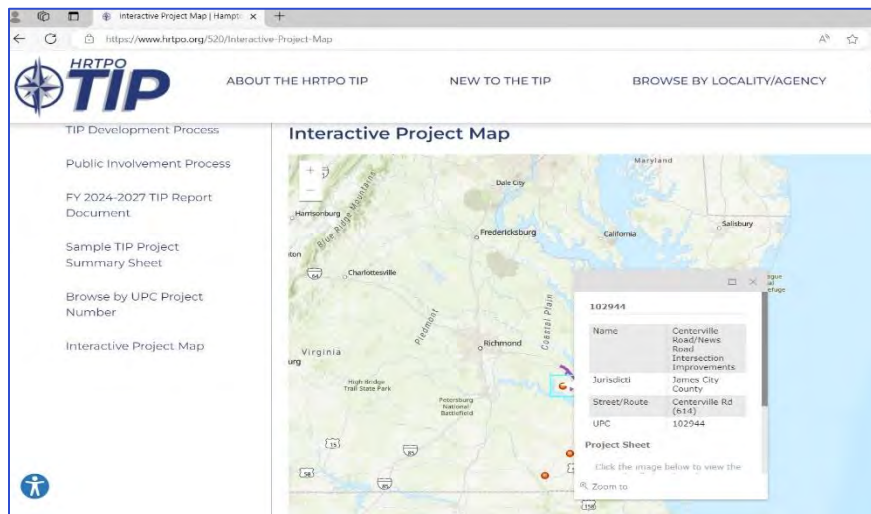
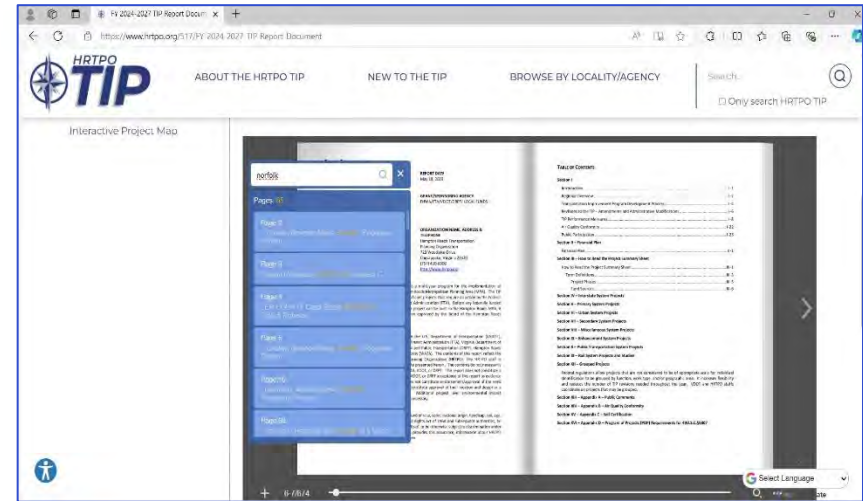
Table 1: Summary of In-depth FY 2023 AOR Review

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

- * 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.hrtipotip.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



Thank You !

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