

Hampton Roads

Amended 2045 LRTP and FY 2021-2024 TIP: Transportation Conformity

TRANSPORTATION TECHNICAL ADVISORY COMMITTEE

JULY 6, 2022

DALE M. STITH, HRTPO PRINCIPAL TRANSPORTATION PLANNER



Transportation/Air Quality Conformity

AIR QUALITY PLANNING

State Implementation Plan



CONFORMITY

TRANSPORTATION PLANNING

Long-Range Transportation Plan
Transportation Improvement Program



Transportation Conformity is the link between air quality improvement and transportation planning

Transportation/Air Quality Conformity

Air Quality Designations

<i>Attainment Area</i>	<i>Geographic area with air quality that is cleaner than the primary standard</i>
<i>Nonattainment Area</i>	<i>Geographic area with air quality that does not meet the primary standard</i>
<i>Maintenance Area</i>	<i>Geographic area that has been re-designated to attainment (from non-attainment)</i>

- Hampton Roads is in “Attainment” of all current applicable National Ambient Air Quality Standard (NAAQS)
- Hampton Roads was in “Maintenance” of the 1997 8-Hour Ozone NAAQS

Conformity Requirements in Hampton Roads

- Hampton Roads is subject to **substantially streamlined conformity requirements** based on current FHWA/FTA and EPA Guidance and the region being deemed an “orphan” maintenance area for the 1997 8-Hour Ozone NAAQS
- Once Conformity is underway, no LRTP amendments can be processed unless they are clearly conformity exempt

Conformity Approval Items

MARCH 17, 2022

- Board approved initiation of conformity (Resolution 2022-04)

AGENDA ITEM 12

- TTAC approval of conformity project list (per Resolution 2022-04)

AGENDA ITEM 14

- Recommend Board approval of Regional Conformity Assessment (RCA)

AGENDA ITEM 11

- Recommend Board approval of 2045 LRTP Amendments

AGENDA ITEM 13: ICG

- Approve conformity project list
- Approve conformity schedule

JULY 21, 2022 BOARD

- Approve Amendments
- Approve RCA

Recommended Action

HAMPTON ROADS AMENDED 2045 LONG-RANGE TRANSPORTATION PLAN AND
FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM
CONFORMITY PROJECT LIST

2045 Project ID	UPC	Locality	Project Name	From	To	Improvement Type	Existing Lanes	Proposed Lanes	Estimated Opening Year	In FY 21-24 TIP	In 2045 LRTP
Projects Regionally Significant for Conformity											
2045-308	115427 (UPC is for study)	Multi-jurisdictional	Bowers Hill Interchange	N/A	N/A	Interchange modifications and improvements	N/A	N/A	2038	Yes (PE Only)	Yes
2045-109	115427 (UPC is for study)	Multi-jurisdictional	I-664 Widening	Bowers Hill Interchange	College Drive	Extension of HREL Network	4	6/8	2038	Yes (PE Only)	Yes
2045-1	T15554	Multi-jurisdictional	Chesapeake Bay Bridge-Tunnel Parallel Thimble Shoal Tunnel	Virginia Beach	Northampton County	New Alignment, Widening	2	4	2024	Yes	Yes
2045-1A	T24857	Multi-jurisdictional	Chesapeake Bay Bridge-Tunnel Parallel Chesapeake Tunnel	Virginia Beach	Northampton County	New Alignment, Widening	2	4	2030	Yes (PE/RW Only)	Yes (PE Only)
2045-521		Multi-jurisdictional	Enhanced Bus Service/Bus Replacement - WATA	N/A	N/A	Enhanced Bus Service/Bus Replacement	N/A	N/A	N/A	No	Yes
2045-50	Study UPC: 113543	Multi-jurisdictional	Hampton Roads Express Lanes (HREL) Network	Jefferson Ave	Bowers Hill Interchange	High-Occupancy-Toll Lanes	N/A	1/2	2027	(portions)	Yes
2045-50	117840 (PE UPC) / 119637	Multi-jurisdictional	I-64 Express Lanes - Segment 1A	1,800' east of Patrol Road Bridge	3,500' east of Curlew Bridge	High-Occupancy-Toll Part-Time Shoulder Lanes	N/A	0/1	2026	Yes	Yes
2045-50	121360	Multi-jurisdictional	HREL - Segment 1A - CN Only (child project of UPC 119637)	Patrol Road	Tidewater Dr	High-Occupancy-Toll Part-Time Shoulder Lanes	N/A	0/1	2026	Yes	Yes
2045-50	121361	Multi-jurisdictional	HREL - Segment 1A - CN Only (child project of UPC 119637)	Patrol Road	Tidewater Dr	High-Occupancy-Toll Part-Time Shoulder Lanes	N/A	0/1	2026	Yes	Yes
2045-50	120863	Multi-jurisdictional	HREL - Segment 1B (Associated with UPC 117840)	Tidewater Drive	I-264	High-Occupancy-Toll Part-Time Shoulder Lanes	N/A	0/1	2026	Yes	Yes
2045-50	112923	Multi-jurisdictional	HREL - Segment 2 (HOV-to-HOT Conversion Project)	I-64/I-264	I-64/I-464	Conversion to HOT lanes	2	2	2022	Yes	Yes
2045-50	118376	Multi-jurisdictional	I-64 Settlers / I-564 ITS (associated with HREL Segment 3)	Settlers Landing Road	I-564	High-Occupancy-Toll ITS	N/A	N/A	2026	Yes	Yes
2045-50	117839	Multi-jurisdictional	HREL - Segment 4A-4B - Phase 1	Jefferson Avenue	LaSalle Avenue	Reconstruction w/added capacity	N/A	N/A	2026	Yes	Yes
2045-50	117841	Multi-jurisdictional	HREL - Segment 4C - Phase 1	Eastern end of the Armistead Avenue Bridge	2,000' East of the Settlers Landing Road overpass	Bridge Replacement w/added capacity	N/A	N/A	N/A	Yes	Yes
2045-520		Multi-jurisdictional	Hampton Roads Regional Transit System - 757 Express	N/A	N/A	Regional Transit Backbone Improvements	N/A	N/A	N/A	No	Yes
2045-2	115008, 115009, 115010, 115011	Multi-jurisdictional	I-64 Widening Including Hampton Roads Bridge-Tunnel	Near I-664/Hampton Coliseum	I-564	Widening	4	6/8	2025	Yes	Yes
2045-41	106689, 109790	Multi-jurisdictional	I-64 Peninsula Widening: Segment 3	1.05 miles west of Route 199 (Exit 242)	1.15 miles west of Route 199, Lightfoot (Exit 234)	Widening	4	6	2021	Yes	Yes
2045-160		Multi-jurisdictional	I-64 Peninsula Widening: Segment 4	1.15 miles west of Route 199, Lightfoot (Exit 234)	Hampton Roads MPA boundary/New Kent County Line	Widening	4	6	2028	No	Pending Amendment
2045-7	106682, 108990, 111982	Multi-jurisdictional	I-64 Southside Widening Including High Rise Bridge Phase I	I-664	I-664	Widening	4	6/8	2022	Yes	Yes
2045-4	108041, 17630	Multi-jurisdictional	I-64/I-264 Interchange: Phase II	N/A	N/A	Interchange Improvements	N/A	N/A	2021	Yes	Yes
2045-301		Multi-jurisdictional	I-64/I-264 Interchange: Phase IIIA	N/A	N/A	Interchange Improvements	N/A	N/A	2039	Yes (PE Only)	Yes
2045-111		Multi-jurisdictional	Mooretown Rd Extension	Lightfoot Rd	Croaker Rd	New Alignment	0	4	2035	No	Yes
2045-510	T9093	Multi-jurisdictional	Peninsula High Capacity Transit	Hampton/Newport News	Hampton/ Newport News	Bus Rapid Transit	N/A	N/A	2030	Yes (Study)	Yes
	98813	Multi-jurisdictional	Route 189 (South Quay Rd) Bridge Replacement	0.15 mi S of Blackwater River	0.19 mi N of Blackwater River	Bridge Replacement	2	2	2022	No	N/A
2045-119		Multi-jurisdictional	VA-164 Widening	West Norfolk	I-664	Widening	4	6	2045	No	Yes
2045-3	97715, 13427	Multi-jurisdictional	Wythe Creek Rd	Alphus St	Commander Shepard Blvd	Widening	2	3	2025	Yes	Yes
2045-122		Chesapeake	Battlefield Blvd	Johnstown Rd	I-64	Widening	4/5	6/8	2045	No	Yes
2045-8	111092, 111002	Chesapeake	Triple Decker Bridge (Interchange of US 13, US 460, and Norfolk Southern Rail Line)	N/A	N/A	Bridge Replacement	4	4	2021	No	Yes

- Approve the list of regionally significant projects for the Amended 2045 LRTP and FY 2021-2024 TIP Regional Conformity Assessment



Hampton Roads Transportation Planning Organization

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