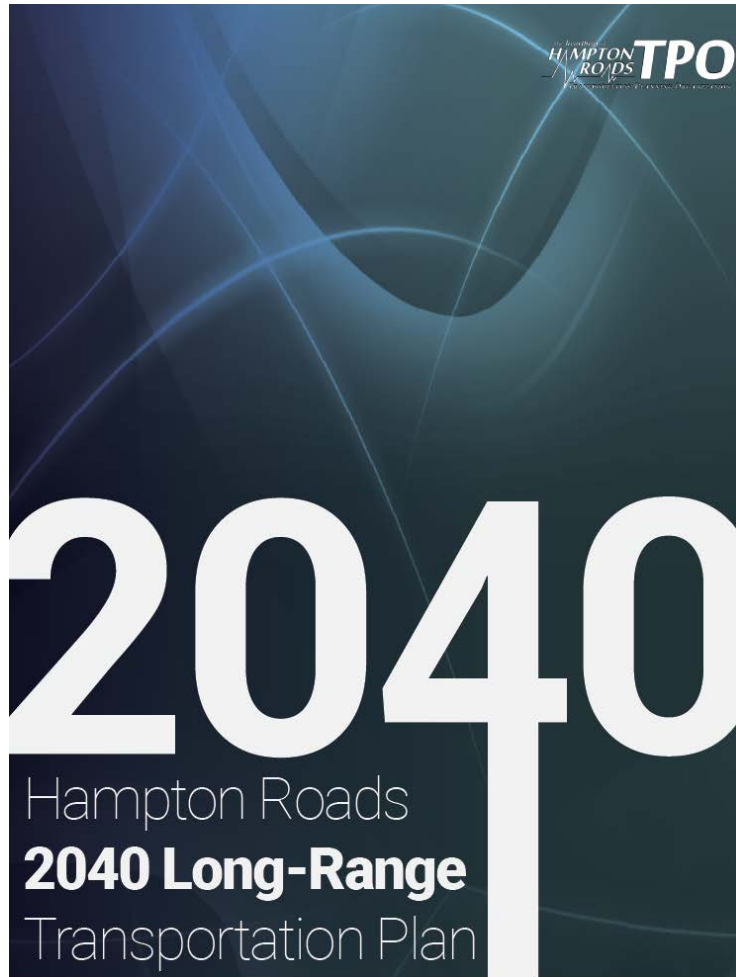


# 2040 Long-Range Transportation Plan: Recommended Amendment

Presented to the Hampton Roads Transportation Planning Organization  
November 16, 2017

Dale M. Stith, AICP, GISP  
Principal Transportation Planner

# 2040 LRTP Status



- Adopted July 2016
- Effective until July 2021
- Last Amended: January 2017

# Updated 2040 LRTP Forecast

- Received from VDOT October 4, 2017
  - Federal
  - SMARTSCALE
  - Other State
  - Regional (HRTF)

<b>REVISED 2040 LRTP Forecast (FY 2016-2040)</b>		
	<b>PREVIOUS (October 2015)</b>	<b>REVISED (September 2017)</b>
Maintenance – VDOT and Localities	\$12 Billion	\$12 Billion
Hampton Roads Transportation Fund	\$6 Billion	\$5 Billion
Construction	\$3 Billion	\$3 Billion
<b>TOTAL</b>	<b>\$21 Billion</b>	<b>\$20 Billion</b>

Source: VDOT

# HRTAC Actions – September 2017

## PROPOSED HRTAC 2040 LONG-RANGE PLAN OF FINANCE UPDATE (with toll revenues to HRTAC)

2040 FCLRTP	Approved Projects	HRBT	HRB II	Bower's Hill Interchange	Rt 460/58/13	Ft. Eustis Interchange	Total FV Cost	Funded by HRTF Debt	Funded by Toll Debt	Funded by HRTAC Pay-Go	Funded by VDOT and Other Pay-Go
<b>2040 FCLRTP (With Toll Revenues to HRTAC)</b>											
Inflated Costs (MM)	\$1,654	\$3,799	\$1,729	\$659	\$396	\$320	\$8,558	\$4,635	\$743	\$2,430	\$750
Fiscally Constrained Construction End Year	2022	2024	2037	2037	2038	2038					

- HRTAC approved update to the HRTAC 2040 Long-Range Plan of Finance
  - Updated Project Cost Estimates
  - Updated Opening Year Estimates
  - Updated Revenue Forecast

# Updated 2040 LRTP Forecast - HRTAC

## REVISED HRTAC 2040 Long-Range Plan of Finance

	PREVIOUS (July 2016)	REVISED (September 2017)
HRTF (HRTAC Pay-Go)	\$3.51 Billion	\$2.43 Billion
HRTAC/HRTF Bonds	\$4.16 Billion	\$4.64 Billion
HRTAC Toll Revenues	N/A	\$743 Million
High-Priority Projects	\$627 Million	\$627 Million
Federal/State Funds in SYIP	\$123 Million	\$123 Million
<b>TOTAL</b>	<b>\$8.42 Billion</b>	<b>\$8.56 Billion</b>

Source: HRTAC

# Updated Regional Priority Project Information

Project	Amendment Action	Estimated Project Cost (Year-of-Expenditure)	Funding Source
I-64 Southside Widening/ High-Rise Bridge – Phase 1	Update Project Opening Year	\$600 Million (2021 YOE)	HRTAC Funding Plan
I-64/Hampton Roads Bridge-Tunnel Widening	Update Project Cost and Opening Year	\$3.8 Billion (2024 YOE)	HRTAC Funding Plan
I-64 Southside Widening/ High-Rise Bridge – Phase 2	Update Project Cost and Opening Year	\$1.7 Billion (2037 YOE)	HRTAC Funding Plan
Bowers Hill Interchange	Update Project Cost and Opening Year	\$659 Million (2037 YOE)	HRTAC Funding Plan
I-64/Fort Eustis Blvd Interchange	Update Project Cost and Opening Year	\$320 Million (2038 YOE)	HRTAC Funding Plan
US 460/58/13 Connector	Update Project Cost and Opening Year	\$396 Million (2038 YOE)	HRTAC Funding Plan

# 2040 LRTP Regional Priority Projects

Group	Project	Estimated YOE* Cost	Estimated Opening Year
I	<b>I-64 Peninsula Widening</b>		
	Segment 1	\$123 Million	2017
	Segment 2	\$190 Million	2019
	Segment 3	\$311 Million	2022
	<b>I-64/I-264 (including Witchduck Rd Interchange)</b>		
	Phase 1	\$157 Million	2019
	Phase 2	\$190 Million	2021
	Phase 3 Study	\$10 Million	2018
II	<b>I-64 Southside Widening (including High Rise Bridge)</b>		
	Phase 1	\$600 Million	2021
III	<b>Hampton Roads Crossing</b>		
	Regional Connectors Study	\$3 Million (+ \$4 Million Contingency)	2020
	I-64/Hampton Roads Bridge-Tunnel Widening	\$3.8 Billion	2024
IV	<b>I-64 Southside Widening (including High-Rise Bridge)</b>		
	Phase 2	\$1.7 Billion	2037
	Bowers Hill Interchange	\$659 Million	2037
V	<b>I-64 Peninsula Widening</b>		
	I-64/Fort Eustis Blvd Interchange	\$320 Million	2038
	<b>US 460/58/13 Connector (including Regional Landfill and Hampton Roads Executive Airport Interchanges)</b>		
	US 460/58/13 Connector	\$396 Million	2038

\*YOE – Costs expressed in year of expenditure to properly reflect inflation

Source: HRTAC (updated 11/1/17)

**Total Project Costs (YOE\*): \$8.5 Billion**

# Recommended Action

- Public Review Period: November 1 – 15, 2017
  - No Comments Received
- Transportation Technical Advisory Committee Recommends HRTPO Board Approval

## Recommended Board Action Consent Item #19D:

- **Approve the 2040 LRTP Amendment**