

Hampton Roads 2040 Long-Range Transportation Plan: Funding Plan and Fiscally-Constrained List of Projects



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Robert A. Crum, Jr.
Executive Director

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Vacant – Alternate

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FEDERAL AVIATION ADMINISTRATION

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Vacant

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FREIGHT TRANSPORTATION ADVISORY COMMITTEE

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The Honorable Christopher P. Stolle, Co-Chair (Voting Board Member)

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PARTICIPATING JURISDICTIONS

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R. Randy Martin

SOUTHAMPTON COUNTY

Michael Johnson

Barry Porter

MILITARY LIAISONS

Robert Geis, Captain, U.S. Navy

Richard Wester, Captain, U.S. Coast Guard

William S. Galbraith, Colonel, Langley-Eustis

COMMONWEALTH TRANSPORTATION BOARD

John Malbon

HRTPO PROJECT STAFF

Camelia Ravanbakht, Ph.D.

Dale M. Stith, AICP, GISP

Keith Nichols, P.E.

Theresa K. Jones

Leonardo Pineda II

Deputy Executive Director

Principal Transportation Planner

Principal Transportation Engineer

Transportation Engineer II

Transportation Planner

Sara Kidd, GISP

Kathlene Grauberger

Michael Long

Christopher Vaigneur

HRPDC Senior Regional Planner

Senior Administrative Assistant

General Services Manager

Assistant General Services Manager

REPORT DOCUMENTATION

TITLE

Hampton Roads 2040 Long-Range Transportation Plan:
Funding Plan and Fiscally-Constrained List of Projects

AUTHOR

Dale M. Stith, AICP, GISP

PROJECT MANAGER

Dale M. Stith, AICP, GISP

ABSTRACT

The Hampton Roads Transportation Planning Organization (HRTPO) is currently in the process of updating the regional Long-Range Transportation Plan to the horizon year 2040. As part of this process and in keeping with federal regulations, HRTPO must consider multimodal transportation options to effectively address future regional needs based upon projected population and employment growth for the next 20 years.

The document – part of the compendium of reports that comprise the 2040 Hampton Roads Long-Range Transportation Plan – summarizes the fiscal-constraint process, identifying transportation revenues that will reasonably be available to help preserve our transportation system and support additional investments over the next 20 years in order to keep people and goods moving as efficiently as possible.

ACKNOWLEDGEMENTS

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ORGANIZATION CONTACT INFORMATION

Hampton Roads Transportation Planning Organization
723 Woodlake Drive
Chesapeake, Virginia 23320
757-420-8300
<http://www.hrtpo.org>

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Hampton Roads 2040 Long-Range Transportation Plan: Funding Plan and Fiscally-Constrained List of Projects

PREPARED BY:



JUNE 2016

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TABLE OF CONTENTS

2040 LONG-RANGE TRANSPORTATION VISION STATEMENT	1
LRTP UPDATE OVERVIEW	1
THE FUNDING PLAN	2
FEDERAL, STATE, AND REGIONAL FORECAST	3
HAMPTON ROADS TRANSPORTATION ACCOUNTABILITY COMMISSION REVENUE FORECAST	6
LOCAL REVENUE FORECAST	8
TOTAL REVENUES FOR CONSTRUCTION IN THE 2040 LRTP	8
SELECTING THE PROJECTS	9
MAINTENANCE	11
COMMITTED PROJECTS	11
REGIONAL PRIORITY PROJECTS	11
GROUPED PROJECTS	12
CANDIDATE PROJECTS - DISTRIBUTION OF FUNDING	12
PROJECT PRIORITIZATION	12
DEMONSTRATION OF FISCAL-CONSTRAINT	13
REGIONAL PRIORITY PROJECTS	15
2040 LRTP COMMITTED PROJECTS	18
2040 LRTP PLANNED CONSTRUCTION PROJECTS	21
2040 LRTP PLANNED STUDIES	28
PROJECT INFORMATION GUIDE	32
BEYOND 2040: HAMPTON ROADS REGIONAL TRANSPORTATION VISION PLAN	32
NEXT STEPS IN THE DEVELOPMENT OF THE 2040 LRTP	32
APPENDIX	34
SOURCE OF PROJECT FUNDS	35
HAMPTON ROADS REGIONAL TRANSPORTATION VISION PLAN	44
BEYOND 2040: HAMPTON ROADS REGIONAL TRANSPORTATION VISION PLAN	45

LIST OF TABLES

TABLE 1: LRTP CONSTRUCTION FUNDING CATEGORIES	4
TABLE 2: RECENT VIRGINIA TRANSPORTATION LEGISLATION	5
TABLE 3: HRTAC REVENUE FORECAST	6
TABLE 4: LOCAL REVENUE FORECAST.....	8
TABLE 5: TOTAL FORECASTED REVENUES (2016-2040), IN MILLIONS	8
TABLE 6: 2040 LRTP YEAR-OF-EXPENDITURE INFLATION FACTORS	9
TABLE 7: 2040 LRTP TOTAL PROJECT COSTS	13
TABLE 8: NUMBER OF PROJECTS IN 2040 LRTP	13
TABLE 9: 2040 LRTP COMMITTED PROJECTS.....	19
TABLE 10: 2040 LRTP PLANNED CONSTRUCTION PROJECTS.....	22
TABLE 11: 2040 LRTP PLANNED STUDIES	29
TABLE 12: SOURCE OF PROJECT FUNDS – COMMITTED PROJECTS (IN MILLIONS)	36
TABLE 13: SOURCE OF PROJECT FUNDS - PLANNED HIGHWAY CONSTRUCTION PROJECTS AND STUDIES (IN MILLIONS)	38
TABLE 14: SOURCE OF PROJECT FUNDS - PLANNED MULTIMODAL PASSENGER/TRANSIT CONSTRUCTION PROJECTS AND STUDIES (IN MILLIONS)	40
TABLE 15: SOURCE OF PROJECT FUNDS - PLANNED ACTIVE TRANSPORTATION PROJECTS (IN MILLIONS).....	41
TABLE 16: SOURCE OF PROJECT FUNDS - PLANNED LOCALLY-FUNDED CONSTRUCTION PROJECTS (IN MILLIONS)	42
TABLE 17: HAMPTON ROADS REGIONAL TRANSPORTATION VISION PLAN	45

LIST OF FIGURES

FIGURE 1: 2040 LRTP REPORTS TO DATE	1
FIGURE 2: 2040 LRTP REVENUE FORECAST	3
FIGURE 3: HRTAC.....	6
FIGURE 4: 2040 LRTP GUIDING PRINCIPLES	10
FIGURE 5: 2040 LRTP DEVELOPMENT PLANNING MILESTONES.....	33
FIGURE 6: SOURCES OF ESTIMATED CONSTRUCTION REVENUES (2016-2040), IN MILLIONS	35

LIST OF MAPS

MAP 1: HAMPTON ROADS REGIONAL PRIORITY PROJECTS.....	7
MAP 2: FISCALLY-CONSTRAINED HAMPTON ROADS 2040 LONG-RANGE TRANSPORTATION PLAN	31

Hampton Roads 2040 Long-Range Transportation Plan: Funding Plan and Fiscally-Constrained List of Projects

2040 LONG-RANGE TRANSPORTATION VISION STATEMENT

With an engaged public, the 2040 Long-Range Transportation Plan sets forth a vision to develop a well-balanced transportation system that promotes good quality of life while enhancing the unique character of Hampton Roads.

L RTP UPDATE OVERVIEW

Over the past four years, the Hampton Roads Transportation Planning Organization, or HRTPO (the MPO for Hampton Roads), has been updating the regional Long-Range Transportation Plan (LRTP) to the horizon year of 2040. The updated LRTP, entitled *Navigating the Future to 2040*, is anticipated to be complete by summer of 2016.

This report is one in a series of reports outlining the development of the 2040 LRTP. Previous reports detail the development of the vision and goals designed to guide the planning process, the socioeconomic forecast describing projected population and employment growth for the region, the collection of candidate transportation projects to consider in the development of the LRTP, the evaluation and prioritization of these candidate projects, transportation challenges that exist in the region and associated strategies designed to meet these challenges, and the assessment of candidate projects from a Title VI and Environmental Justice perspective.

FIGURE 1: 2040 LRTP REPORTS TO DATE



THE FUNDING PLAN

One of the Federal requirements for Long-Range Transportation Plans (LRTPs) is fiscal-constraint, which is the demonstration of sufficient funding to implement proposed transportation improvements identified in the LRTP. The demonstration of sufficient funding is accomplished through a comparison of forecasted revenues with estimated project costs, with reasonable assurance that the existing transportation system already in place will be adequately operated and maintained over the 20-year LRTP planning period.

This report outlines the funding plan of the 2040 LRTP, documenting the fiscal-constraint requirements described above. Specifically, this funding plan identifies how much transportation money will be reasonably available to help preserve our transportation system and support additional investments over the next 20 years in order to keep people and goods moving as efficiently as possible. Sections in this report will describe components of the long-range revenue forecast as well as the guiding principles which were established as part of this planning process that were used to select transportation projects for inclusion in the 2040 LRTP.



The funding plan of the LRTP identifies how much transportation money will be reasonably available to help preserve our transportation system and support additional investments over the next 20 years in order to keep people and goods moving as efficiently as possible.

TRANSPORTATION REVENUE FORECAST

Historically, transportation investments in Hampton Roads have relied on traditional revenues from Federal and state governments. These traditional sources are dependent on gas and sales taxes and therefore fluctuate with the economy. Challenging economic conditions in recent years have resulted in a bleak financial forecast of traditional revenue for transportation investments. In response to this financial forecast, the Virginia General Assembly established an additional source for transportation funding at the regional level for Hampton Roads (Hampton Roads Transportation Fund, or HRTF) and Northern Virginia via House Bill 2313 (for a summary on this and other transportation-related legislation, see Table 2 on page 5). These regional funds, along with other non-traditional sources (such as local revenues, public-private partnerships, and tolls) will continue to play a significant role in helping to advance regional transportation priorities.

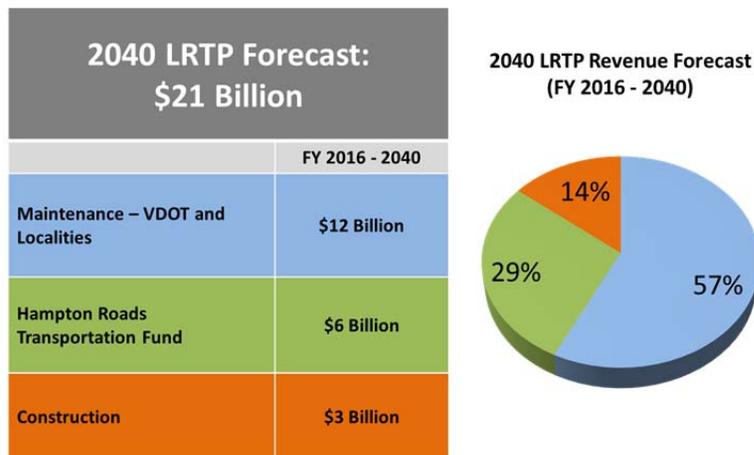
The long-range transportation forecast for the Hampton Roads LRTP is developed by the Virginia Department of Transportation (VDOT). The forecast identifies funding sources available to the region for the planning period of the LRTP, and distributes these projected revenues to various transportation programs. The LRTP forecast is supported by estimated revenues from:

- Federal Transportation Revenue Sources
- State Transportation Revenue Sources
 - Retail Sales and Use Taxes
 - Sales Tax on Motor Fuel
 - Motor Vehicle Sales and Use Tax
 - International Registration Plan
 - License Fees
 - Recordation Taxes

- Federal Grant Anticipation Revenue Vehicle Bonds (GARVEE Bonds)
- Dedicated regional funding provided in Virginia House Bill 2313 (Hampton Roads Transportation Fund)

For the 2040 LRTP, VDOT originally provided a long-range transportation revenue forecast in December 2013. This forecast was later revised in October 2015 to reflect updated tax revenue sources as well as the new funding programs established under House Bill 1887. Based on VDOT's most current information regarding anticipated transportation revenues, Hampton Roads can expect approximately \$21 billion in funding for maintenance and construction for transportation projects over the next 20 years.

FIGURE 2: 2040 LRTP REVENUE FORECAST



Source: VDOT (October 2015)

Federal, State, and Regional Forecast

Federal revenues from the Federal Highway Administration are the single greatest source of revenue for highway projects. Federal revenues are provided in Federal categories that direct how the funds can be use. Major Federal funding categories under MAP-21 are:

- National Highway Performance Program (NHPP)
- Surface Transportation Program (STP)
- Congestion Mitigation and Air Quality (CMAQ) Program
- Highway Safety Improvement Program (HSIP)

In developing the long-range forecast for Federal revenues, the forecasted amount is based on the current Federal transportation program under MAP-21 and does not consider any potential reduction due to lack of funding, nor likewise any potential increase in transportation funding. In addition, for the long-range Federal forecast, no growth rate is applied (the uncertainty of the Federal transportation budget does not allow for projecting a growing source of funding, therefore VDOT did not incorporate growth when developing the Federal forecast).

State revenues are also a part of the long-range transportation forecast. Sources of state revenue include: state general sales and use taxes, sales tax on motor fuel, motor vehicle sales and use taxes, international registration plan, license fees, and recordation taxes. Revenue estimates for these sources are developed by the Virginia Department of Taxation for the current six-year period. For the Fiscal Year 2014-2019 six-year period, the average state revenue growth rate was 5%. For years 2020-2040, an average growth rate of 2.1% (growth rate developed in consultation with the Department of Taxation) was applied to develop the long-range state revenue forecast.

As part of the 2040 LRTP forecast, anticipated maintenance needs over the next 20 years are also forecasted. Since

maintaining existing roadways is a Federal and State mandated priority, once maintenance needs are identified, funds to cover these anticipated maintenance costs during the planning period of the LRTP must be reserved before new transportation projects can be considered. VDOT’s state maintenance program and maintenance payments to localities use an average growth rate to forecast maintenance needs throughout the Commonwealth. The LRTP forecast distributes maintenance funds to VDOT construction districts based on the district’s average share of the state total and then to the MPO’s based on population. Assuming current trends for maintenance needs continue, maintenance of the region’s transportation system is estimated to be about \$12 billion between now and the year 2040, equating to just over half (57%) of the VDOT forecasted transportation revenues for Hampton Roads.

The HRTF revenues comprise \$6 billion of the \$21 billion forecast (29%). Revenue sources for the local component of HRTF include 0.7% of the local sales tax and 2.1% of the fuels sales tax. Using current tax trends, short-term revenue projections are produced by the Department of Taxation. Long-term HRTF revenue projections for the LRTP are developed by applying the same growth rate for the last year of the revenue estimate provided by the Department of Taxation (FY 2021-2022) through the planning horizon of 2040. These regional funds will be used to fiscally-constrain the Regional Priority (HRTAC) Projects identified through HRTPO’s project prioritization process (see Map 1 on page 7 for more information the Regional Priority Projects).

The remaining \$3 billion of the LRTP revenue forecast developed by VDOT is categorized into dedicated funding streams to encourage a balanced regional transportation system. The funding categories are summarized in Table 1.

TABLE 1: LRTP CONSTRUCTION FUNDING CATEGORIES

Funding Category	Description	2016-2040 Revenue Forecast
Other Discretionary Construction Funds	Federal and State transportation funds (NHPP, STP, Bridge Funds, Safety, CTB Formula Funds, etc.)	\$663 Million
High-Priority Projects Program	Competitive funding stream established by HB 1887 for projects that reduce congestion along statewide corridors and within regional networks	\$627 Million
District Grant Program	Competitive funding stream established by HB 1887 to fund projects that address needs identified in the Statewide Transportation Improvement Plan	\$627 Million
Regional Surface Transportation Program (RSTP)	Dedicated funding for regional transportation projects (priority on non-interstate projects)	\$628 Million
Congestion Mitigation Air Quality (CMAQ)	Dedicated funding for regional transportation projects that help to improve air quality and reduce traffic congestion	\$353 Million
Transportation Alternatives Program (TAP)	Funding program for projects defined as transportation alternatives; for the purposes of the 2040 LRTP, these forecasted funds are for the planning of active transportation (bicycle and pedestrian) projects	\$45 Million
TOTAL		\$3 Billion

Recent Transportation Legislation

Recognizing that funding transportation is one of the key issues facing the Commonwealth, the Virginia General Assembly passed a series of transportation bills that were enacted to provide some relief to help address these current financial challenges. The key

pieces of transportation legislation that have been passed in the last few years include House Bill (HB) 2313, HB 1253, HB 2, HB 1886, and HB 1887. These bills are summarized in Table 2 below.

TABLE 2: RECENT VIRGINIA TRANSPORTATION LEGISLATION

Transportation Legislation	Summary of Bill	Year Passed
House Bill 2313	House Bill 2313 overhauled transportation funding in Virginia and created the Hampton Roads Transportation Fund (HRTF). The Hampton Roads Transportation Planning Organization (HRTPO) was to direct the use of the HRTF monies and the issue of securing bonds for project financing was not addressed in this legislation.	2013
House Bill 1253	House Bill 1253 created the Hampton Roads Transportation Accountability Commission (HRTAC). The enacted legislation also transferred the authority of directing the use of HRTF monies from the HRTPO to the HRTAC. The bill states that HRTAC does not replace the HRTPO planning/programming functions, and HRTAC's funding plan must align with the Statewide Transportation Plan.	2014
House Bill 2	House Bill 2 requires that the Commonwealth Transportation Board (CTB) develop a statewide prioritization process for capacity expansion projects based on a comparison of a project's relative benefits to its cost, and that this process must be used to develop the Six-Year Improvement Program (SYIP). Some of the key goals of the Statewide House Bill 2 Prioritization Process include the promotion of performance in the selection of projects, providing stability to the SYIP, and to establish a pipeline of projects that link planning to programming.	2014
House Bill 1886	Public-Private Partnerships (P3s) are projects which are funded and operated through a partnership of a government entity and one or more private sector companies. The Public-Private Transportation Act (House Bill 1886) requires a finding of public interest on transportation projects, establishes the P3 Steering Committee, requires the certification and incorporation of a public finding in all comprehensive agreements, and requires VDOT to have a process in place for identifying high-risk projects and a procurement process for such projects to ensure that public interest is protected.	2015
House Bill 1887	House Bill 1887 reorganized transportation revenues into new funding categories and replaced the current roadway system allocation formula (40% primary/30% secondary/30% urban) for construction projects. The new funding categories under this legislation include: <ul style="list-style-type: none"> • State of Good Repair Funding Program – 45% of transportation revenues • High-Priority Projects Funding Program – 27.5% of transportation revenues • District Grant Funding Program – 27.5% of transportation revenues 	2015

Hampton Roads Transportation Accountability Commission Revenue Forecast

As stated previously, the region anticipates approximately \$6 Billion in HRTF revenues between 2016 and 2040. The Hampton Roads Transportation Accountability Commission (HRTAC), the regional organization responsible for managing HRTF revenues, developed a long-range revenue forecast for the 2040 LRTP. As part of this forecast, a portion of forecasted HRTF revenues will be used to finance bonds in order to cover project costs associated with the Regional Priority Projects. Funding sources for the Regional Priority Projects in the 2040 LRTP include:

- Hampton Roads Transportation Fund (HRTF) Revenues
- HRTF Bonds
- High-Priority Projects Program (HB2)
- Federal/State Funds identified in the Six-Year Improvement Program

The total HRTAC revenue forecast for the 2040 LRTP is \$8.4 Billion dollars.

TABLE 3: HRTAC REVENUE FORECAST

2040 LRTP HRTAC Forecast:	
\$8.42 Billion	
	FY 2016-2040
HRTF	\$3.51 Billion
HRTF Bonds	\$4.16 Billion
High-Priority Projects	\$627 Million
Federal/State Funds in SYIP	\$123 Million

Source: HRTAC

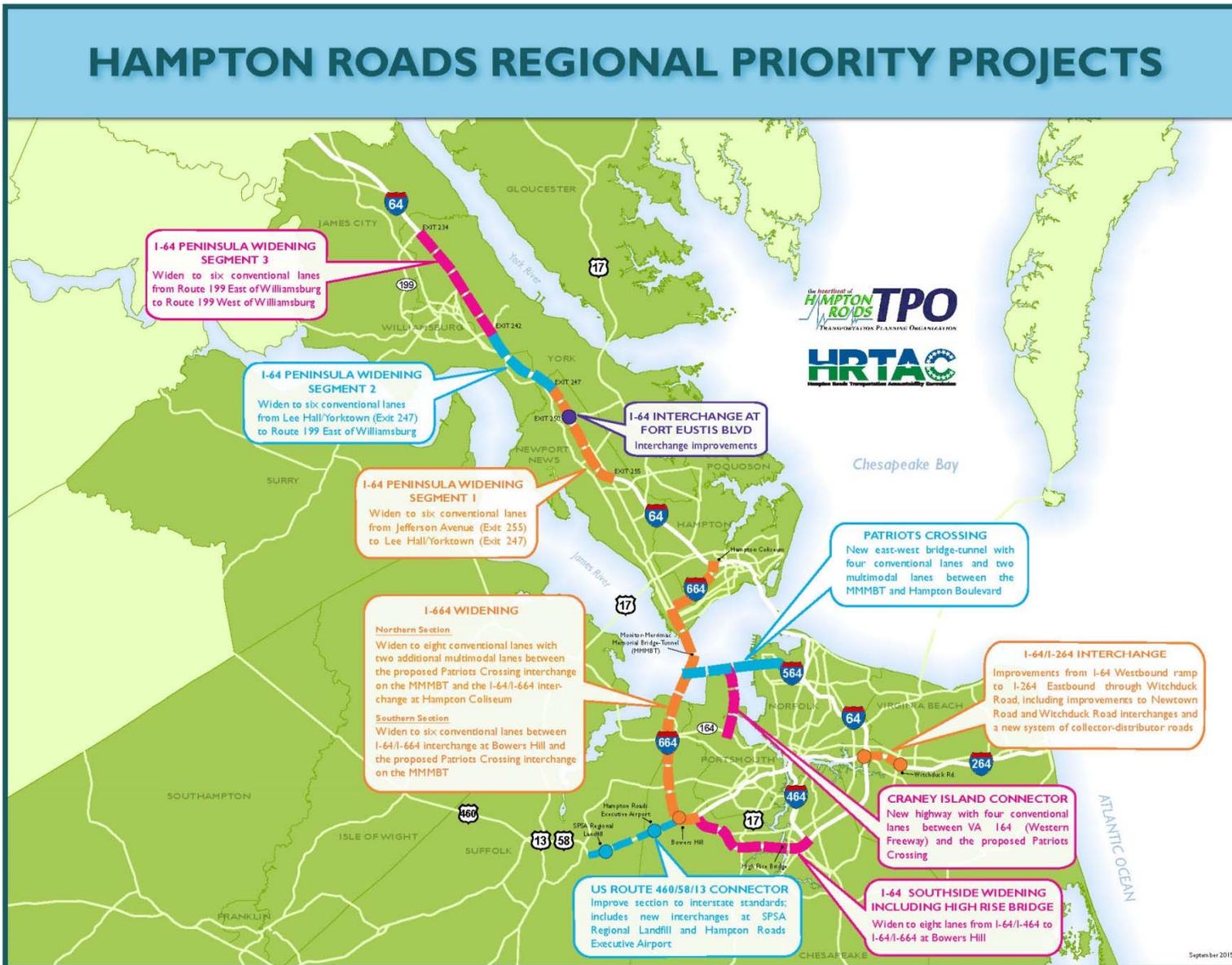
FIGURE 3: HRTAC



On March 8, 2014, the General Assembly adopted House Bill 1253/Senate Bill 513, which provides for the creation of the Hampton Roads Transportation Accountability Commission (HRTAC) in order to manage the Hampton Roads Transportation Fund (HRTF) revenues for the Hampton Roads region. Signed into law on April 3, 2014 by Governor Terry McAuliffe, the HRTAC became effective on July 1, 2014.

Comprised of locally elected officials, the commission has the organizational structure and leadership in place to determine how new regional money, approximately \$200 million annually, will be invested in transportation projects. The new funding is part of the transportation funding package passed by the General Assembly in 2013. The 23-member commission consists of mayors from local governments, state legislators from the region and area Commonwealth Transportation Board members. Decisions are based on a two-thirds majority vote of elected officials on the commission, representing at least two-thirds of the region's population.

MAP 1: HAMPTON ROADS REGIONAL PRIORITY PROJECTS



Hampton Roads 2040 Long-Range Transportation Plan:
Funding Plan and Fiscally-Constrained List of Projects

Local Revenue Forecast

Historically, a few localities in Hampton Roads have identified local funding for transportation projects located within their jurisdictions. Locally funded projects that are considered regionally significant are included in the LRTP and are not automatically subject to prioritization. In other words, if localities can identify local funding for regionally significant projects, the projects will automatically be included in the LRTP.

For the 2040 LRTP, the City of Virginia Beach identified \$1 Billion in local revenue to fund several city projects for inclusion in the Plan. The Chesapeake Bay Bridge Tunnel (CBBT) Commission has also identified funds for the CBBT Parallel Thimble Shoal Channel Tunnel project. This project will be funded with a combination of CBBT toll revenue bonds, CBBT Commission general funds, and TIFIA loans.

TABLE 4: LOCAL REVENUE FORECAST

Locality/Agency	Local Funds for 2040 LRTP (2016-2040)
Virginia Beach	\$1 Billion
CBBT	\$820 Million

Total Revenues for Construction in the 2040 LRTP

In summary, combining traditional Federal and state revenue sources, HRTAC forecasted revenues, and local revenues, Hampton Roads can expect almost \$13 Billion in the next 20 years to invest in new transportation projects for the 2040 LRTP.

Additionally, as stated previously in this report, the region can anticipate approximately \$12 Billion in Maintenance funds to help maintain the existing transportation system.

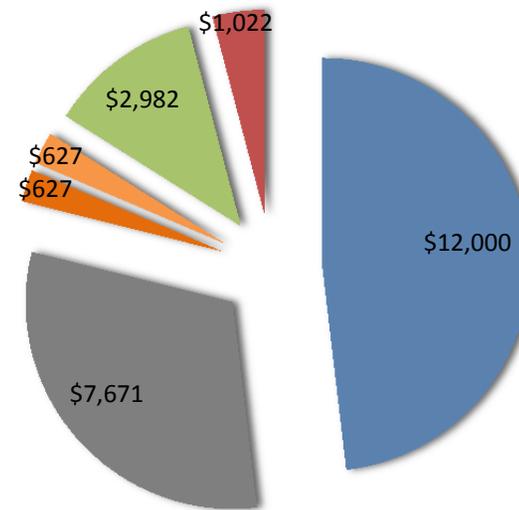


TABLE 5: TOTAL FORECASTED REVENUES (2016-2040), IN MILLIONS

	Maintenance (VDOT and Localities)	\$12,000
Construction		
	HRTF and HRTF Bonds	\$7,671
	High-Priority Projects Program (HB2)	\$627
	District Grant Program (HB2)	\$627
	Other Federal/State/Local	\$2,982
	Local (Virginia Beach)	\$1,022
Total Revenues for Construction		\$12,929

SELECTING THE PROJECTS

For the 2040 LRTP, approximately 190 candidate projects were submitted for evaluation and potential inclusion in the fiscally-constrained Plan. The list of candidate projects considered was developed by both technical staff and citizen input. The candidate projects, totaling approximately \$40 Billion, include projects that replace aging infrastructure, increase roadway capacity, expand bridges, improve interchange/intersection design and flow, improve public transportation options, expand active transportation infrastructure, and enhance the movement of freight into and out of the region. For a complete listing of the 2040 LRTP Candidate Projects, as well as a description for how projects were collected, please refer to the *Hampton Roads 2040 Long-Range Transportation Plan: Committed and Candidate Transportation Projects* report.



In order to evaluate the candidate projects appropriately, and as a federal requirement, estimated planning costs for all

candidate projects are expressed in Year-of-Expenditure (YOE) dollars in order to properly account for inflation. This conversion included identifying the anticipated completion date and applying a midpoint inflation factor for each time-cost band, depending if the completion date fell in the ‘Near,’ ‘Middle,’ or ‘Far’ time period.

TABLE 6: 2040 LRTP YEAR-OF-EXPENDITURE INFLATION FACTORS

Midpoint Inflation Factor for each Time Cost Band	
Near (2015-2022):	1.13
Middle (2023-2031):	1.47
Far (2032-2040):	1.92

As part of the LRTP Project Prioritization process and in preparation for fiscal-constraint, project costs were reviewed by both the submitting locality/agency and VDOT.

GUIDING PRINCIPLES

To select projects for inclusion in the 2040 LRTP, Guiding Principles were established in order to help make the project selection process more efficient and transparent. The Guiding Principles were established by the LRTP Subcommittee, the group directed to oversee the development of the 2040 LRTP, and detail how forecasted revenues will be used to fiscally-constrain projects in the Plan. The Guiding Principles identify funding set-asides for long-term maintenance, committed projects that are already under construction or will soon be constructed, the Regional Priority Projects, and smaller-scoped “grouped” projects that are not typically individually listed in the LRTP. In addition, the Guiding Principles establish the highway/transit funding split as well as planning funds for active transportation projects, and the distribution of planning funds across roadway systems. See Figure 4 for a list of the 2040 LRTP Guiding Principles.

FIGURE 4: 2040 LRTP GUIDING PRINCIPLES

2040 LRTP Guiding Principles

Maintenance Needs

- Set aside funding to cover projected maintenance needs for 2016-2040 planning horizon
- Includes HB 1887 State of Good Repair Funding Program

Committed Projects

- Set aside funding to cover projects identified as 'Committed' in the FY2015-2020 SYIP

Regional Priority Projects

- Funding Plan for Regional Priority Projects to be developed by HRTAC, and will be included in fiscally-constrained 2040 LRTP

“Grouped” Projects*

- Set aside funding to cover “Grouped” Projects (projects not individually listed in LRTP)

Distribution of Funding

- Reserve HB 2 High-Priority Projects Funding Program for Regional Priority Projects
- Determine Highway/Transit Funding Split (based on historical CMAQ and RSTP funding)
- Highway Funds distributed by Roadway System
 - Interstate set aside determined by construction project readiness
 - Previous Commonwealth Transportation Board funding allocation of 40% for Primary roads, 30% for Secondary roads, and 30% for Urban roads used to fiscally-constrain remaining highway projects
- RSTP Transit Funding balance will be used to fund additional highway projects
- Set aside TAP funds for Active Transportation candidate projects

Project Prioritization

- Projects within funding categories selected based on overall Project Prioritization score (regardless of project category)

* “Grouped” Projects include turn lanes, signals, safety projects, widening of collector/local roadways, regular bus routes, etc.

Maintenance

The combined VDOT and HRTAC forecasted funding for the 2040 LRTP is estimated to be approximately \$25 Billion (including traditional and non-traditional sources) for the 20-year horizon planning timeframe. As established by the Guiding Principles for fiscal-constraint, \$12 Billion of this forecast (Federal and state revenues, includes HB 1887 State of Good Repair Funding Program) is reserved for required regional maintenance. As described in an earlier section, maintenance needs for the region are forecasted by VDOT by applying an average growth rate to current maintenance trends.

Committed Projects

Another Guiding Principle was the identification and financial accounting for Committed Projects. For the 2040 LRTP, Committed Projects are defined as fully-funded transportation projects programmed in the Fiscal Year 2015-2020 Six-Year Improvement Program (SYIP). Due to the full-funding status of Committed Projects, these projects were not evaluated using the HRTPO Project Prioritization Tool as part of the development of the 2040 LRTP and are automatically included in the plan. Any funds which are a part of the LRTP forecast that are allocated to these projects in the Fiscal Year 2015-2020 SYIP are deducted from their respective funding source prior to the fiscal-constraint process. This is done so that committed funds are not mistakenly double-counted.

Regional Priority Projects

The Regional Priority Projects were originally identified by the HRTPO on October 17, 2013. On February 18, 2016, the HRTPO Board approved project sequencing of the Regional Priority Projects based on project readiness. The sequencing of these projects in the 2040 LRTP is categorized into 5 groups:

- I
 - I-64 Peninsula Widening
 - I-64/I-264 Interchange
- II
 - I-64 Southside Widening/High-Rise Bridge - Phase 1
- III
 - Hampton Roads Crossing: Locally Preferred Alternative - Phase 1
- IV
 - I-64 Southside Widening/High-Rise Bridge - Phase 2
- V
 - I-64/Fort Eustis Blvd Interchange
 - US Route 460/58/13 Connector

As per the Guiding Principles, the Funding Plan for the Regional Priority Projects was developed by HRTAC, in coordination with the HRTPO (refer to page 17 for breakdown of estimated YOY cost and opening year for the Regional Priority Projects).

Grouped Projects

Typically, only projects deemed regionally significant are individually listed in an LRTP. Smaller projects and programs (such as turn lanes, signals, safety projects, widening of collector/local roadways, regular bus routes, ITS projects, etc.) are not required to be accounted for individually in the LRTP, but will be selected through the Transportation Improvement Program (TIP) process. Since some regional funds will be used on these projects, 5% of certain forecasted transportation revenues (CMAQ, RSTP, TAP, and Other Federal/State discretionary construction funds) will be set-aside and reserved for these types of “Grouped” projects.

Candidate Projects - Distribution of Funding

As stated in a previous section, the fiscal-constraint Guiding Principles reserved the HB2 High-Priority Projects funding program for the Regional Priority Projects (since this funding program is a competitive stateside program and will likely be rewarded to the top-tier regional projects).

Another Guiding Principle was the establishment of a Highway/Transit funding split based on historical CMAQ and RSTP funding patterns. In analyzing the past ten years of CMAQ and RSTP allocations, it was determined that the highway/transit funding split for the 2040 LRTP should be:

- CMAQ Funds: 50/50 Highway/Transit
- RSTP: 70/30 Highway/Transit

The remaining highway funds were distributed by Roadway System, using the following guidelines:

- Set-aside for Interstate projects determined based on project construction readiness
- Previous Commonwealth Transportation Board (CTB) funding allocation of 40% for Primary Roads, 30% for

Secondary Roads, and 30% for Urban Roads will be utilized to fiscally-constrain highway projects

- RSTP Transit funding balance will be used to fiscally-constrain additional highway projects

These distribution guidelines were determined based on several iterations of funding scenarios.

To represent active transportation in the multimodal LRTP, the Transportation Alternatives Program (TAP) forecasted revenues will be set aside to fiscally-constrain active transportation (bicycle and pedestrian) projects.

Project Prioritization

Projects within funding categories were selected for inclusion in the 2040 LRTP based on the overall Project Prioritization score (regardless of project category). For a complete listing of the 2040 LRTP Project Prioritization scores, please refer to the *Hampton Roads 2040 Long-Range Transportation Plan: Prioritization of Transportation Projects, Project Evaluation and Scoring* report.



For the 2040 LRTP, 160 projects have been identified, totaling approximately \$12.8 Billion. Table 8 summarizes the number of projects included in the 2040 LRTP, highlighting the range of multimodal projects identified. Table 7 summarizes the total estimated project costs.

Please refer to Tables 13-17 in the Appendix for project-level fiscal-constraint information.

DEMONSTRATION OF FISCAL-CONSTRAINT

Fiscal-constraint is the demonstration that there is enough anticipated revenue over the 20-year planning period to cover the costs of the projects in the plan. For the 2040 LRTP, \$12 Billion of forecasted transportation revenues has been reserved to cover projected maintenance needs for the region. In regards to advancing new transportation projects, the costs associated with Committed Projects, the Regional Priority Projects, Planned Construction Projects (both regionally and locally funded), and Planned Studies total \$12,839 Million. This total is less than the \$12,929 Million of forecasted transportation construction revenues for the Hampton Roads region; therefore, fiscal constraint is demonstrated.

TABLE 7: 2040 LRTP TOTAL PROJECT COSTS

Project Category	Estimated Project Costs, in Millions (YOE*)
Committed Projects	\$243
Regional Priority Projects	\$8,421
Planned Construction Projects	\$3,015
Planned Locally-Funded Construction Projects	\$1,022
Planned Studies	\$138
Total	\$12,839 Million

TABLE 8: NUMBER OF PROJECTS IN 2040 LRTP

Project Category	Number of Projects
Committed Projects	35
Regional Priority Projects	9
Highway Projects (bridges, highway segments, interchanges, intersections)	72
Highway Studies	13
Intermodal Projects	4
Multimodal Passenger/Transit Projects	4
Multimodal Passenger/Transit Studies	10
Active Transportation Projects	13
Total	160

Hampton Roads 2040 Long-Range Transportation Plan: Projects



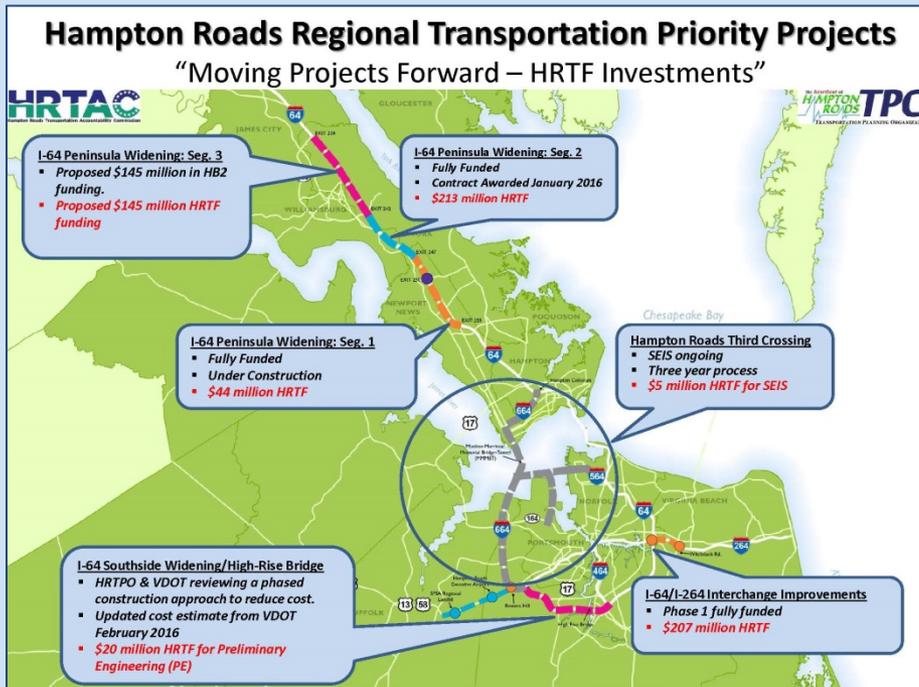
REGIONAL PRIORITY PROJECTS

The following section contains the HRTPO Board Approved project sequencing of the Regional Priority Projects based on project readiness for inclusion in the 2040 Long-Range Transportation Plan. Planned funding sources for these projects include: the Hampton Roads Transportation Fund (HRTF), HRTF Bonds, and House Bill 2 (HB2) High-Priority Projects Program forecasted revenues between 2016-2040.



2040 Long-Range Transportation Plan: Regional Priority Projects

Sequencing Based on Project Readiness



I

- I-64 Peninsula Widening
- I-64/I-264 Interchange

II

- I-64 Southside Widening/High-Rise Bridge - Phase 1

III

- Hampton Roads Crossing: Locally Preferred Alternative - Phase 1

IV

- I-64 Southside Widening/High-Rise Bridge - Phase 2

V

- I-64/Fort Eustis Blvd Interchange
- US Route 460/58/13 Connector

❖ Approved by the HRTPO Board at its February 18, 2016 Meeting.

2040 LRTP Regional Priority Projects

Group	Project	Estimated YOE* Cost	Estimated Opening Year
I	I-64 Peninsula Widening		
	Segment 1	\$123 Million	2018
	Segment 2	\$190 Million	2019
	Segment 3	\$311 Million	2022
	I-64/I-264 (including Witchduck Rd Interchange)		
	Phase 1	\$157 Million	2019
	Phase 2	\$190 Million	2021
II	I-64 Southside Widening (including High Rise Bridge)		
	Phase 1	\$600 Million	2020
III	Hampton Roads Crossing		
	HRCS SEIS	\$5 Million	2018
	Phase 1 Construction - Harbor Crossing LPA	\$4.8 Billion	2028
IV	I-64 Southside Widening (including High-Rise Bridge)		
	Phase 2	\$1.4 Billion	2029
V	I-64 Peninsula Widening		
	Fort Eustis Blvd Interchange	\$267 Million	2031
	US 460/58/13 Connector (including Regional Landfill and Hampton Roads Executive Airport Interchanges)		
	US 460/58/13 Connector	\$334 Million	2032

Source: HRTAC

Total Project Costs (YOE*): \$8.4 Billion

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

2040 LRTP COMMITTED PROJECTS

The following section contains a listing of Committed Projects for the 2040 LRTP. Committed Projects are defined as fully-funded transportation projects programmed in the Fiscal Year 2015-2020 Six-Year Improvement Program (SYIP). Committed Projects are either under construction or scheduled for construction in the near future. Due to the full-funding status of these projects, Committed Projects are not subject to Project Prioritization (and thus do not have an associated Project Prioritization score) and are automatically included in the LRTP.



2040 Project ID	UPC	Locality	Project Name	From	To
COMMITTED PROJECTS - Fully Funded in the FY 2015-2020 Six-Year Improvement Program					
2040-248	T11488	Multi-jurisdictional	Downtown Tunnel/Midtown Tunnel/MLK Extension	Hampton Blvd	I-264
2040-236	97715, 13427	Multi-jurisdictional	Wythe Creek Rd	Alphus St	Commander Shepard Blvd
2040-230	56187	Chesapeake	Dominion Blvd	0.05 mi N. of Great Bridge Blvd	0.75 mil S. of Cedar Rd
2040-232	18591	Chesapeake	Portsmouth Blvd	Jolliff Rd	Suffolk CL
2040-234	93081	Hampton	Bridge Street Bridge	Rudd Ln	Marrow St
2040-235	57047	Hampton	Saunders Rd	Big Bethel Rd	Newport News CL
2040-50	10187	James City County	Airport Access Road	Marclay Rd at Rte 617	Airport
2040-205	82961	James City County	Monticello Ave at Ironbound Rd (Rte 315)	N/A	N/A
2040-90	4483	Newport News	Atkinson Blvd	Jefferson Ave	Warwick Blvd
2040-238	93077	Newport News	Denbigh Blvd Bridge Replacement	Richneck Rd	Trailblazer Blvd
2040-103	102734	Newport News	Newport News Multimodal High-Speed and Intercity Passenger Rail Station Development	N/A	N/A
2040-242	101279	Newport News	Warwick Blvd over Lake Maury	Gatewood Rd	J Clyde Morris Blvd
2040-241	85955	Newport News	Washington Ave Bridge Replacement	39th St	41st St
2040-243	18968	Norfolk	Intermodal Connector	I-564	Hampton Blvd
2040-247	9783	Norfolk	Military Hwy	0.3 mile S. of Northampton Blvd	Lowery Rd
2040-246	1765	Norfolk	Military Hwy	0.3 mi N. of Northampton Blvd	0.3 S. of Northampton Blvd
2040-245	84243	Norfolk	Military Hwy	Robin Hood Rd	0.3 mile N. of Northampton Blvd
2040-128	102715	Portsmouth	Churchland Bridge	N/A	N/A

Note: List not in ranked order

2040 Project ID	UPC	Locality	Project Name	From	To
COMMITTED PROJECTS - Fully Funded in the FY 2015-2020 Six-Year Improvement Program (CONTINUED)					
2040-250	65655	Portsmouth	Turnpike Rd	0.13 mi E. of Frederick Blvd	Constitution Ave
2040-132	104359	Suffolk	Kenyon Rd Connector	Kenyon Court	Holland Rd (US 58)
2040-252	61407	Suffolk	Nansemond Pkwy	Chesapeake CL	NS Railroad
2040-139	100937	Suffolk	Route 58 (Holland Rd)	Suffolk Bypass	0.7 mi W. of Manning Bridge Rd
2040-151	103005	Virginia Beach	Centerville Turnpike	Indian River Rd	Kempsville Rd
2040-255	15827	Virginia Beach	Holland Road	Nimmo Pkwy	Dam Neck Rd
2040-253	97737	Virginia Beach	Lesner Bridge	E. Stratford Rd	Paige Ave
2040-174	14603	Virginia Beach	Lynnhaven Pkwy	Indian River Rd	Centerville Tnpg
2040-260	60843	York County	Route 17 (George Washington Memorial Hwy)	Hampton Hwy	Dare Rd
COMPLETED PROJECTS (Projects previously identified as Committed, now open to the public)					
2040-231	1904	Chesapeake	Gilmerton Bridge	0.36 mi E. of Bridge (Bainbridge Blvd)	0.42 mi W. of Bridge (Shell Rd)
2040-39	N/A	Chesapeake	Woodlake Dr	Battlefield Blvd	Existing Woodlake Dr
2040-233	104363	Hampton	I-64 Interchange at Lasalle Ave	N/A	N/A
2040-240	11816	Newport News	City Center Blvd (formerly Middle Ground Blvd)	Jefferson Ave	Warwick Blvd
2040-244	14672	Norfolk	Hampton Blvd Railroad Grade Separation	Rogers Ave	B Ave
2040-256	51866	Virginia Beach	Kempsville Rd Intersection at Princess Anne Rd	N/A	N/A
2040-258	52058	Virginia Beach	Nimmo Pkwy	Holland Rd	General Booth Blvd
2040-259	13482/93522/ 95555/96137	Virginia Beach	Princess Anne Rd and Nimmo Pkwy	Dam Neck Rd	Holland Rd

Note: List not in ranked order

2040 LRTP PLANNED CONSTRUCTION PROJECTS

The following section contains the DRAFT list of fiscally-constrained planned construction projects for the 2040 Long-Range Transportation Plan. Planned funding sources for these projects include: RSTP, CMAQ, House Bill 2 (HB2) District Grant Program, Federal and CTB Formula Construction Funds (NHPP, NHPP Bridge, STP, Safety), TAP, and Local forecasted revenues between 2016-2040.



2040 Project ID	UPC	Locality	Project Name	From	To	Project System	Estimated Project Cost, in Millions (Year-of-Expenditure)	Total Project Prioritization Score
BRIDGE PROJECTS								
N/A		Multi-jurisdictional	Chesapeake Bay Bridge-Tunnel Parallel Thimble Shoal Tunnel ¹	Virginia Beach	Northampton County	PRIMARY	\$820	N/A
2040-27		Chesapeake	Deep Crk AIW Bridge Replacement and G.W. Hwy (US 17)/Moses Grandy Trail Intersection Improvements	Mill Creek Pkwy	Diamond Ave	PRIMARY	\$52	177
2040-58		James City County	Jamestown Rd (Rte 31) Over Powhatan Creek	N/A	N/A	PRIMARY	\$4	66
2040-57		James City County	Humelsine Pkwy (Rte 199) at Colonial Pkwy	N/A	N/A	PRIMARY	\$14	42
2040-59	98823	James City County	Rte 601 Over Diascund Creek	0.87 mi to Int Rte. 603	0.87 mi to Rte. 603	SECONDARY	\$2	65
HIGHWAY PROJECTS								
2040-23		Chesapeake	Dominion Blvd Phase II	0.75 mi South of Cedar Rd	Existing 4-lane Segment South of Cedar Rd	PRIMARY	\$23	177
2040-40		Gloucester	G.W. Mem Hwy (US 17)	1 mi North of Coleman Bridge	Main St (@ Walmart)	PRIMARY	\$224	140
2040-61		James City County	Skiffes Creek Connector	Green Mount Pkwy	Merrimac Trail (Rte 143)	PRIMARY	\$53	99
2040-199		York County	G.W. Mem Hwy (US 17)	Dare Rd	Denbigh Blvd (Rte 173)	PRIMARY	\$29	145
2040-202		York County	Victory Blvd (Rte 171)	G.W. Mem Hwy (US 17)	Hampton Hwy (Rte 134)	PRIMARY	\$5	99
2040-53	98811, 100921	James City County	Longhill Rd (Phase 1)	Humelsine Pkwy (Rte 199)	Old Town Rd	SECONDARY	\$18	125
2040-52	100920	James City County	Croaker Rd	Richmond Rd (US 60)	Rochambeau Rd	SECONDARY	\$15	103
2040-98		Newport News	J. Clyde Morris Blvd / G.W. Hwy (US 17)	I-64	York CL	URBAN	\$44	148
2040-101		Newport News	Liberty Pkwy	Oyster Point Rd	Freedom Way	URBAN	\$6	106
2040-112		Norfolk	Brambleton Ave	Midtown Tunnel	I-264	URBAN	\$112	163
2040-125		Portsmouth	Elm Ave	Victory Blvd (Rte 239)	G.W. Hwy (US 17)	URBAN	\$5	110
2040-183		Virginia Beach	Shore Dr - Phase III	Eastern End of Lesner Bridge	Great Neck Rd	URBAN	\$17	153

¹ Funding sources for CBBT Parallel Thimble Shoal Tunnel project have been identified as: CBBT Toll Revenue Bonds, CBBT Commission General Fund, and TIFIA Loans

2040 Project ID	UPC	Locality	Project Name	From	To	Project System	Estimated Project Cost, in Millions (Year-of-Expenditure)	Total Project Prioritization Score
HIGHWAY PROJECTS (CONTINUED)								
2040-170		Virginia Beach	Indian River Rd	Centerville Tnpk	Ferrell Pkwy	URBAN	\$81	147
2040-165		Virginia Beach	General Booth Blvd	Oceana Blvd	Dam Neck Rd	URBAN	\$38	145
2040-178		Virginia Beach	Princess Anne Rd - Phase VII	Fisher Arch	General Booth Blvd	URBAN	\$35	144
2040-161	15828	Virginia Beach	Elbow Rd / Dam Neck Rd	Indian River Rd	Virginia Beach Amphitheater	URBAN	\$26	143
2040-164		Virginia Beach	First Colonial Rd	Old Donation Pkwy	Virginia Beach Blvd	URBAN	\$130	142
2040-180		Virginia Beach	Rosemont Rd	Virginia Beach Blvd	Holland Rd	URBAN	\$145	142
2040-166		Virginia Beach	Holland Rd	Rosemont Rd	Independence Blvd	URBAN	\$126	140
INTERCHANGE/INTERSECTION PROJECTS								
2040-47		Hampton	I-64 at Settlers Landing Rd	N/A	N/A	INTERSTATE	\$7	149
2040-109	59175	Norfolk	Air Terminal Interchange	N/A	N/A	INTERSTATE	\$69	198
2040-115		Norfolk	I-264 at Ballentine Blvd Diverging Diamond Interchange	N/A	N/A	INTERSTATE	\$7	149
2040-33		Chesapeake	Mt Pleasant Rd/Great Bridge Bypass	N/A	N/A	PRIMARY	\$57	122
2040-56	102947	James City County	Richmond Rd (US 60) at Humelsine Pkwy (Rte 199) West Ramp	N/A	N/A	PRIMARY	\$1	66
2040-206	102948	James City County	Humelsine Pkwy (Rte 199) at Brookwood Dr	N/A	N/A	PRIMARY	\$1	41
2040-208		Virginia Beach	First Colonial Rd at Virginia Beach Blvd	N/A	N/A	PRIMARY	\$31	177
2040-210		Williamsburg	Bypass Rd at Page St at Capitol Landing Rd	N/A	N/A	PRIMARY	\$9	94
2040-204	102944	James City County	Centerville Rd at News Rd	0.27 mi North of News Road	0.19 mi South of News Rd	SECONDARY	\$3	47

2040 Project ID	UPC	Locality	Project Name	From	To	Project System	Estimated Project Cost, in Millions (Year-of-Expenditure)	Total Project Prioritization Score
INTERCHANGE/INTERSECTION PROJECTS (CONTINUED)								
2040-261		Poquoson	Laydon Way at Poquoson Ave at Little Florida Rd	N/A	N/A	URBAN	\$1	78
2040-126		Portsmouth	Elm Ave at Navy Gates 29 and 36	N/A	N/A	URBAN	\$19	112
INTERMODAL PROJECTS								
2040-34		Chesapeake	Portlock Rd	N/A	N/A	URBAN	\$38	136
2040-25		Chesapeake	Freeman Ave	N/A	N/A	URBAN	\$49	134
2040-114		Norfolk	Hampton Blvd at Terminal Blvd	Trouville Ave/Portor St	Hampton Blvd	URBAN	\$132	169
2040-142		Suffolk	Finney Ave Flyover	Pinner St	Route 13/337 E Washington St	URBAN	\$38	124
MULTIMODAL PASSENGER/TRANSIT PROJECTS								
N/A		Virginia Beach	Virginia Beach Transit Extension ²	Newtown Rd Station	Town Center/Constitution Drive	FIXED GUIDEWAY/LRT	\$310	196 ²
2040-62		James City County	WATA Administrative Operations Center	N/A	N/A	STATION	\$9	61
N/A		Multi-jurisdictional	Enhanced Bus Service/Bus Replacement - HRT	N/A	N/A	N/A	\$123	N/A
N/A		Multi-jurisdictional	Enhanced Bus Service/Bus Replacement - WATA	N/A	N/A	N/A	\$44	N/A
ACTIVE TRANSPORTATION PROJECTS								
2040-69		Multi-jurisdictional	South Hampton Roads Trail: Virginia Beach (Bike Trails/Lanes Along Light Rail Tracks)	Norfolk	Oceanfront	URBAN	\$9	77
2040-67		Multi-jurisdictional	Bike Path Along Shore Dr/Hampton Blvd/Little Creek Rd	Norfolk Elizabeth River Trail	Virginia Beach City Line	URBAN	\$13	73
2040-136	59771	Suffolk	Rail-to-Trail (Suffolk Seaboard Coastline Trail, part of the South Hampton Roads Trail)	Pughsville Rd	Downtown Suffolk	URBAN	\$7	97
2040-226		Virginia Beach	Scarborough Bridge	Magic Hollow Blvd	Old Clubhouse Rd	URBAN	\$1	81

² State funding commitment of \$155M; balance to be covered by Virginia Beach. Prioritization score is Virginia Beach Transit Extension from Newtown Rd Station to Virginia Beach Oceanfront.

2040 Project ID	UPC	Locality	Project Name	From	To	Project System	Estimated Project Cost, in Millions (Year-of-Expenditure)	Total Project Prioritization Score
ACTIVE TRANSPORTATION PROJECTS (CONTINUED)								
2040-37		Chesapeake	South Hampton Roads Trail: Western Branch	Taylor Rd	Poplar Hill Rd	URBAN	\$5	69
2040-123		Portsmouth	Bike lanes on Churchland Blvd	Portsmouth Trail	High St	URBAN	\$0.02	55
2040-185		Virginia Beach	Violet Bank Dr Bike Trail	Kittery Dr	Selwood Dr	URBAN	\$1	73
2040-224		Virginia Beach	Thalia Creek Greenway Phase - 1D	Constitution Dr	Virginia Beach Blvd	URBAN	\$1	69
2040-225		Virginia Beach	Level Green Powerline Corridor	Reon Dr	Chesapeake CL at S. Military Hwy	URBAN	\$1	61
2040-192		Williamsburg	Monticello Ave Shared-Use Path	Treyburn Drive	Ironbound Rd (Rte 615)	URBAN	\$2	69
2040-60		James City County	Sidewalks along Longhill Rd over Route 199	DePue Drive	Lane Place	SECONDARY	\$1	71
2040-228		York County	Shared Use Path Along Yorktown Rd	Cardinal Ln (Rte 670)	Victory Blvd (Rte 171)	SECONDARY	\$2	54

2040 Project ID	Locality	Project Name	From	To	Project System	Estimated Project Cost, in Millions (Year-of-Expenditure)	Total Project Prioritization Score
BRIDGE PROJECTS - LOCALLY-FUNDED							
N/A	Virginia Beach	Laskin Road Bridge Replacement	Laskin Rd	Laskin Rd	URBAN	\$18	N/A
HIGHWAY PROJECTS - LOCALLY-FUNDED							
2040-162	Virginia Beach	Ferrell Pkwy	Indian Lakes Blvd	Indian River Rd	URBAN	\$2	132
2040-176	Virginia Beach	Newtown Road	Baker Rd	Virginia Beach Blvd	URBAN	\$16	132
2040-171	Virginia Beach	Laskin Road - Phase I	Republic Rd	Oriole Dr	URBAN	\$67	129
2040-158	Virginia Beach	Dam Neck Road - Phase III	Drakesmile Rd	London Bridge Rd	URBAN	\$32	129
2040-184	Virginia Beach	Shore Drive - Phase II	Pleasure House Road	Treasure Island Drive	URBAN	\$12	127
2040-152	Virginia Beach	Centerville Tnpg - Phase III	Chesapeake CL	Kempsville Rd	URBAN	\$30	125
2040-175	Virginia Beach	Lynnhaven Pkwy	Holland Rd	Princess Anne Rd	URBAN	\$61	121
2040-179	Virginia Beach	Providence Road	Kempsville Rd	Princess Anne Rd	URBAN	\$42	115
2040-157	Virginia Beach	Dam Neck Road - Phase I	Princess Anne Rd	Holland Rd	URBAN	\$31	113
2040-173	Virginia Beach	London Bridge Road	Dam Neck Rd	Shipps Corner Rd	URBAN	\$27	112
2040-156	Virginia Beach	Dam Neck Road - Phase II	Holland Rd	Drakesmile Rd	URBAN	\$23	109
2040-169	Virginia Beach	Indian River Road - Phase VII	Lynnhaven Pkwy	Elbow Rd	URBAN	\$78	107
2040-262	Virginia Beach	Rosemont Road - Phase V	Dam Neck Rd	Lynnhaven Pkwy	URBAN	\$16	101
2040-182	Virginia Beach	Shore Drive - Phase IV	Marlin Bay Drive/Sandy Oaks Drive	West End of Lesner Bridge	URBAN	\$12	95
2040-163	Virginia Beach	Ferrell Pkwy	Indian Lakes Blvd	Pleasant Valley Rd	URBAN	\$28	95
2040-160	Virginia Beach	Drakesmile Extended - Phase II	Holland Rd	Princess Anne Rd	URBAN	\$12	94
2040-172	Virginia Beach	Laskin Road - Phase II	Oriole Dr	30th/31st St	URBAN	\$10	93
2040-150	Virginia Beach	Birdneck Road	I-264	Virginia Beach Blvd	URBAN	\$14	90
2040-154	Virginia Beach	Cleveland Street - Phase IV	Witchduck Road	Independence Blvd	URBAN	\$10	88

2040 Project ID	Locality	Project Name	From	To	Project System	Estimated Project Cost, in Millions (Year-of-Expenditure)	Total Project Prioritization Score
HIGHWAY PROJECTS - LOCALLY-FUNDED (CONTINUED)							
2040-153	Virginia Beach	Cleveland Street - Phase III	Witchduck Road	Clearfield Ave	URBAN	\$5	84
2040-159	Virginia Beach	Drakesmile Extended - Phase I	Dam Neck Rd	Holland Rd	URBAN	\$12	84
2040-215	Virginia Beach	Sandbridge Road - Nimmo VII-A	Sandpiper Road	Atwoodtown Road	URBAN	\$12	67
2040-189	Virginia Beach	West Neck Pkwy Ext'd	Elbow Rd/Dam Neck Rd	North Landing Rd	URBAN	\$33	66
2040-177	Virginia Beach	Nimmo Pkwy	Indian River Rd/North Landing Rd	West Neck Rd Ext'd	URBAN	\$35	57
2040-217	Virginia Beach	West Neck Pkwy Ext'd	North Landing Rd	Indian River Rd	URBAN	\$26	53
2040-219	Virginia Beach	Salem Road	Elbow Rd	North Landing Rd	URBAN	\$57	51
2040-218	Virginia Beach	Seaboard Road	Princess Anne Rd (North)	Princess Anne Rd (South)	URBAN	\$31	47
N/A	Virginia Beach	Landstown Rd	Landstown Centre Way	Landstown Rd	URBAN	\$4	N/A
N/A	Virginia Beach	Witchduck Road	I-264	Virginia Beach Blvd	URBAN	\$9	N/A
N/A	Virginia Beach	Princess Anne Road	Providence Rd	Salem Rd	URBAN	\$17	N/A
N/A	Virginia Beach	Ferrell Pkwy	Pleasant Valley Rd	Salem Rd	URBAN	\$31	N/A
N/A	Virginia Beach	Holland Road	Dam Neck Rd	Rosemont Rd	URBAN	\$57	N/A
N/A	Virginia Beach	Salem Road	Independence Blvd	Elbow Rd	URBAN	\$19	N/A
N/A	Virginia Beach	Indian River Road	Elbow Rd	North Landing Rd	URBAN	\$68	N/A
N/A	Virginia Beach	Independence Blvd	Haygood Rd	Northampton Blvd	URBAN	\$51	N/A
N/A	Virginia Beach	Shore Drive	Norfolk CL	Diamond Springs Rd	URBAN	\$6	N/A
ACTIVE TRANSPORTATION PROJECT - LOCALLY-FUNDED							
N/A	Virginia Beach	Light Rail Corridor Shared-Use Path	Newtown Rd	Norfolk Ave	URBAN	\$9	N/A

2040 LRTP PLANNED STUDIES

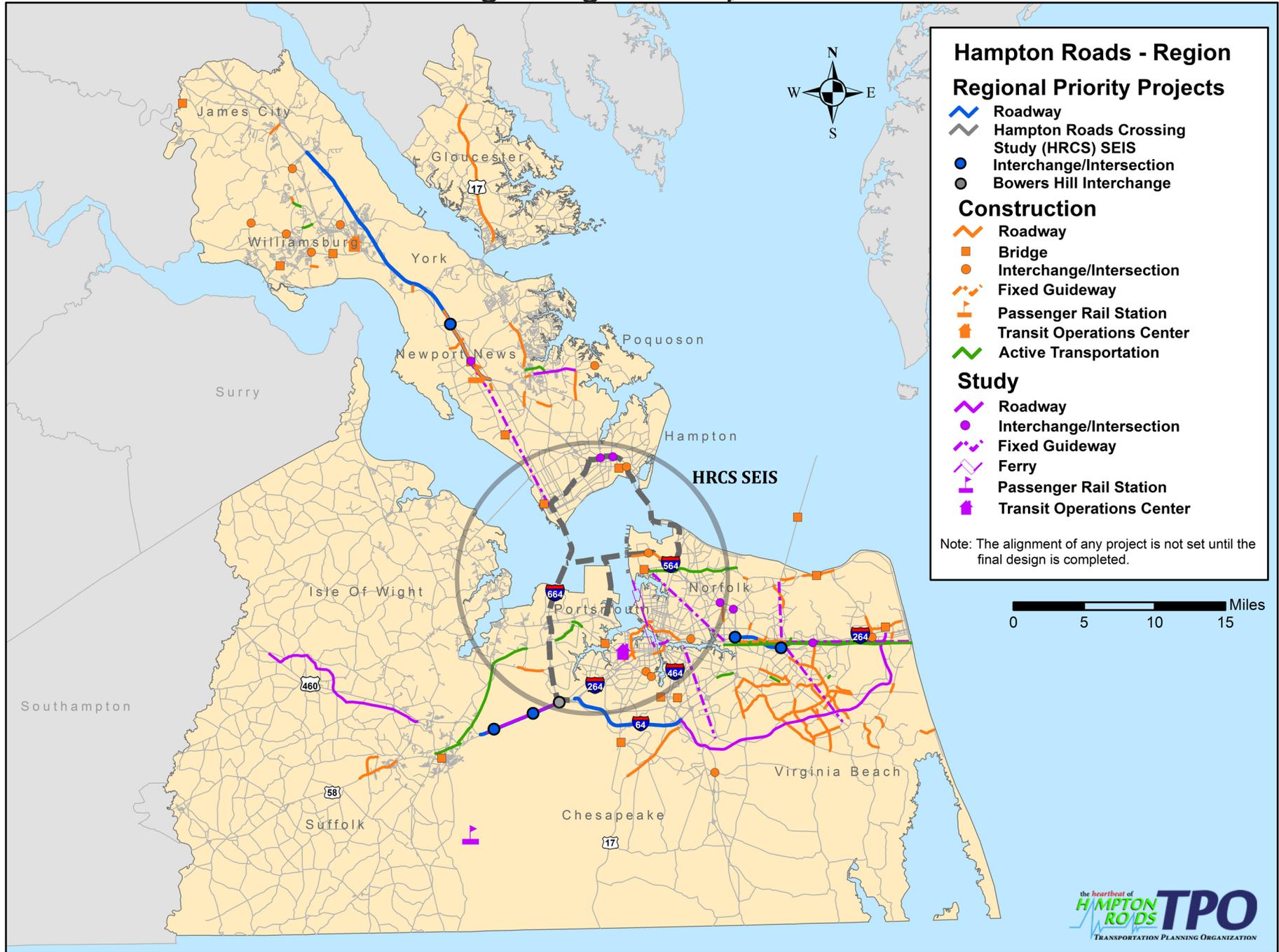
The following section contains the DRAFT list of fiscally-constrained planned studies for the 2040 Long-Range Transportation Plan. Planned funding sources for these projects include: RSTP and CTB Formula forecasted revenues between 2016-2040.



2040 Project ID	UPC	Locality	Project Name	From	To	Project System	Estiamted Project Cost, in Millions (Year-of-Expenditure)	Estimated Study Cost (in Millions)	Total Project Prioritization Score
HIGHWAY STUDIES									
N/A		Multi-jurisdictional	I-64/I-264 Interchange - Phase 3 (Study)	N/A	N/A	INTERSTATE	N/A	\$10.0	N/A
2040-45		Hampton	I-64 at Lasalle Ave (PE)	I-64 WB	Lasalle Ave	INTERSTATE	\$29	\$0.5	159
2040-46		Hampton	I-64 at N. King St (PE)	N/A	N/A	INTERSTATE	\$294	\$0.5	151
2040-96		Newport News	I-64 at Denbigh Blvd (Rte 173) (Study)	N/A	N/A	INTERSTATE	\$375	\$0.5	176
2040-116		Norfolk	I-64 at Northampton Blvd Interchange Improvement (Study)	N/A	N/A	INTERSTATE	N/A	\$0.4	163
2040-118		Norfolk	Military Hwy at I-64 -- New EB On-Ramp (Study)	N/A	N/A	INTERSTATE	\$167	\$0.5	144
2040-167		Virginia Beach	I-264 at Independence Blvd (Study)	N/A	N/A	INTERSTATE	\$587	\$0.5	169
2040-168		Virginia Beach	I-264 at Rosemont Rd (Study)	N/A	N/A	INTERSTATE	\$335	\$0.5	137
2040-86		Multi-jurisdictional	Southeastern Pkwy and Greenbelt (Study)	I-264	I-64/I-464	PRIMARY	\$4,790	\$37.9	178
2040-203		Multi-jurisdictional	Victory Blvd (Rte 171) (PE)	Poquoson CL	Hampton Hwy (Rte 134)	PRIMARY	\$48	\$5.0	114
2040-83		Multi-jurisdictional	US 460/58/13 (8-Lane Option) (Study)	Bowers Hill	Suffolk Bypass	PRIMARY	\$1,018	\$0.5	91
2040-122		Multi-jurisdictional	Victory Blvd (Rte 171) (PE)	Wythe Creek Rd (Rte 172)	York County CL	PRIMARY	\$42	\$5.0	86
2040-87		Multi-jurisdictional	US Route 460	Suffolk Bypass	West of Zuni	PRIMARY	\$400	N/A	N/A

2040 Project ID	UPC	Locality	Project Name	From	To	Project System	Estimated Project Cost, in Millions (Year-of-Expenditure)	Estimated Study Cost (in Millions)	Total Project Prioritization Score
MULTIMODAL PASSENGER/TRANSIT STUDIES									
2040-81		Multi-jurisdictional	Portsmouth-Southside Light Rail	Portsmouth	Southside	FIXED GUIDEWAY/LRT	\$1,700	\$5.0	150
2040-80		Multi-jurisdictional	Peninsula Fixed Guideway (A1 Alignment)	Newport News City Hall	Denbigh Blvd (Rte 173)	FIXED GUIDEWAY/LRT	\$1,700	\$5.0	129
2040-30		Chesapeake	Light Rail Transit Extension to Greenbrier Area	South Norfolk	Greenbrier Area	FIXED GUIDEWAY/LRT	\$1,700	\$5.0	142
2040-119	T7547	Norfolk	Naval Station Norfolk Transit Extension	Existing LRT	Naval Station Norfolk	FIXED GUIDEWAY/LRT	\$1,500	\$20.0	171
2040-186	T9108, T7547	Virginia Beach	Virginia Beach Transit Extension	Newtown Rd Station	Virginia Beach Oceanfront	FIXED GUIDEWAY/LRT	\$1,300	\$20.0	196
2040-213		Virginia Beach	Virginia Beach Transit Extension North - Phase II	Town Center / Independence Blvd	Shore Dr	FIXED GUIDEWAY/LRT	\$511	\$5.0	115
2040-214		Virginia Beach	Virginia Beach Transit Extension South - Phase III	Town Center / Independence Blvd	Virginia Beach Municipal Center	FIXED GUIDEWAY/LRT	\$681	\$5.0	113
2040-71		Multi-jurisdictional	Elizabeth River Ferry Expansion	Current Service Locations	ODU and Naval Station Norfolk	FERRY	\$9	\$5.0	141
2040-127		Portsmouth	Hampton Roads Transit Transfer Station	N/A	N/A	STATION	\$0.2	\$1.0	61
2040-141		Suffolk	Suffolk Rail Station	N/A	N/A	STATION	\$19	\$5.0	72

Fiscally-Constrained Hampton Roads 2040 Long-Range Transportation Plan



PROJECT INFORMATION GUIDE

HRTPO staff has prepared a Project Information Guide which summarizes project-level information for the fiscally-constrained list of projects for the 2040 LRTP. The Project Information Guide is intended to serve as a tool for the region to monitor the implementation of the 2040 LRTP, as well as function as an information resource for public use.



BEYOND 2040: HAMPTON ROADS REGIONAL TRANSPORTATION VISION PLAN

Due to fiscal-constraint requirements, not all of the approximate 190 candidate transportation projects evaluated with the HRTPO Project Prioritization Tool could be incorporated into the 2040 LRTP. Of the candidate projects submitted by regional stakeholders and concerned citizens, 159 of these projects were included in the fiscally-constrained LRTP (35 Committed Projects, 121 regionally funded projects, 38 locally funded projects). The remaining candidate projects become part of the Hampton Roads Regional Transportation Vision Plan, an illustrative list of beneficial transportation projects. These projects are unfunded investments (totaling almost \$30 Billion) that warrant future consideration for inclusion in an amended 2040 LRTP should additional funding be identified. The Regional Transportation Vision Plan is included in the Appendix.

NEXT STEPS IN THE DEVELOPMENT OF THE 2040 LRTP

The next step in the long-range transportation planning process will be the documentation of Plan Performance and Public Outreach efforts. The anticipated adoption of the 2040 LRTP is scheduled for the summer of 2016.

The final 2040 LRTP list of projects will help to achieve the overall goal of the 2040 LRTP: a well-balanced transportation system that remains accessible to all and promotes good quality of life while enhancing the unique character of Hampton Roads.

FIGURE 5: 2040 LRTP DEVELOPMENT PLANNING MILESTONES



APPENDIX



Source of Project Funds

FIGURE 6: SOURCES OF ESTIMATED CONSTRUCTION REVENUES (2016-2040), IN MILLIONS

Sources of Estimated Construction Revenues (2016-2040)

HRTF and HRTF Bonds	\$7,671 M
Virginia Beach Local Funds	\$1,022 M
Chesapeake Bay Bridge Tunnel (CBBT)	\$820 M
RSTP	\$668 M
Other Discretionary Funds	\$663 M
High-Priority Projects Program	\$627 M
District Grant Program	\$627 M
CMAQ	\$353 M
Virginia Beach LRT Extension	\$310 M
VDOT SYIP (for Regional Priority Projects)	\$123 M
TAP	\$45 M

Total Revenues for New Construction Projects \$12,929 M

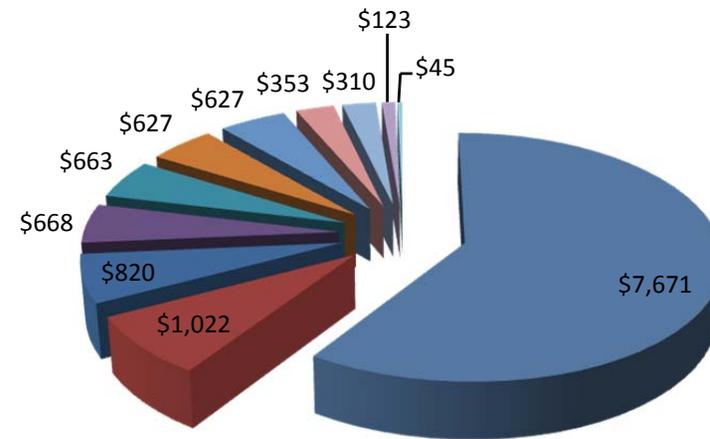


TABLE 12: SOURCE OF PROJECT FUNDS - COMMITTED PROJECTS (IN MILLIONS)

2040 Project ID	Locality	Project	From	To	Allocations FY 2015-2020	Estimated YOY Time Cost Band	LRTP Funds				Total Non-LRTP Funds
							Federal & CTB	CMAQ	RSTP	TOTAL LRTP Funds	
2040-248	Multi-jurisdictional	Downtown Tunnel/Midtown Tunnel/MLK Extension	Hampton Blvd	I-264	\$257.80	Near (2015-2022)				\$0.0	\$257.8
2040-87	Multi-jurisdictional	US 460 - Hampton Roads Portion (SEIS) ¹	Suffolk Bypass	Zuni	\$698.20	N/A	\$34.1			\$34.1	\$664.3
2040-236	Multi-jurisdictional	Wythe Creek Rd	Alphus St	Commander Shepard Blvd	\$27.96	Near (2015-2022)			\$28.0	\$28.0	\$0.0
2040-230	Chesapeake	Dominion Blvd	0.05 mi N. of Great Bridge Blvd	0.75 mil S. of Cedar Rd	\$166.80	Near (2015-2022)			\$12.3	\$12.3	\$154.5
2040-232	Chesapeake	Portsmouth Blvd	Jolliff Rd	Suffolk CL	\$5.80	Near (2015-2022)				\$0.0	\$5.8
2040-234	Hampton	Bridge Street Bridge	Rudd Ln	Marrow St	\$1.30	Near (2015-2022)	\$1.4			\$1.4	\$0.0
2040-235	Hampton	Saunders Rd	Big Bethel Rd	Newport News CL	\$0.00	Near (2015-2022)				\$0.0	\$0.0
2040-9	James City County	Airport Access Rd	Marclay Rd at Rte 617	Airport		Near (2015-2022)				\$0.0	\$1.4
2040-205	James City County	Monticello Avenue at Ironbound Rd (Rte 315)	N/A	N/A	\$0.90	Near (2015-2022)		\$0.9		\$0.9	\$0.0
2040-90	Newport News	Atkinson Blvd	Jefferson Ave	Warwick Blvd	\$50.30	Near (2015-2022)			\$47.2	\$47.2	\$3.1
2040-238	Newport News	Denbigh Blvd Bridge Replacement	Richneck Rd	Trailblazer Blvd	\$36.30	Near (2015-2022)	\$36.4			\$36.4	\$0.0
2040-103	Newport News	Newport News Multimodal High-Speed and Intercity Passenger Rail Station Development	N/A	N/A	\$34.60	Near (2015-2022)		\$17.0	\$1.0	\$18.0	\$16.6
2040-242	Newport News	Warwick Blvd over Lake Maury	Gatewood Rd	J Clyde Morris Blvd	\$0.00	Near (2015-2022)				\$0.0	\$0.0
2040-241	Newport News	Washington Ave Bridge Replacement	39th St	41st St	\$0.39	Near (2015-2022)	\$0.3			\$0.3	\$0.1
2040-243	Norfolk	Intermodal Connector	I-564	Hampton Blvd	\$0.00	Near (2015-2022)				\$0.0	\$12.0
2040-247	Norfolk	Military Hwy	0.3 mile S. of Northampton Blvd	Lowery Rd	\$3.50	Near (2015-2022)			\$3.5	\$3.5	\$0.0
2040-246	Norfolk	Military Hwy	0.3 mi N. of Northampton Blvd	0.3 S. of Northampton Blvd	\$54.80	Near (2015-2022)				\$0.0	\$54.8
2040-245	Norfolk	Military Hwy	Robin Hood Rd	0.3 mile N. of Northampton Blvd	\$0.00	Near (2015-2022)				\$0.0	\$0.0
2040-128	Portsmouth	Churchland Bridge	N/A	N/A	\$10.00	Near (2015-2022)				\$0.0	\$10.0
2040-250	Portsmouth	Turnpike Rd	0.154 mi E. of Frederick Blvd	Constitution Ave	\$2.90	Near (2015-2022)	\$2.9			\$2.9	\$0.0
2040-132	Suffolk	Kenyon Rd Connector	Kenyon Ct	Holland Rd (US 58)		Near (2015-2022)				\$0.0	\$2.0
2040-252	Suffolk	Nansemond Pkwy	Chesapeake CL	NS Railroad	\$2.00	Near (2015-2022)				\$0.0	\$2.1
2040-139	Suffolk	Route 58 (Holland Rd)	Suffolk Bypass	0.7 mi W. of Manning Bridge Rd	\$44.00	Near (2015-2022)				\$0.0	\$44.0
2040-151	Virginia Beach	Centerville Turnpike	Indian River Rd	Kempsville Rd	\$13.00	Near (2015-2022)			\$13.0	\$13.0	\$0.0
2040-255	Virginia Beach	Holland Road	Nimmo Pkwy	Dam Neck Rd	\$0.29	Near (2015-2022)				\$0.0	\$0.3
2040-253	Virginia Beach	Lesner Bridge	E. Stratford Rd	Paige Ave	\$37.70	Near (2015-2022)	\$37.6			\$37.6	\$0.0
2040-174	Virginia Beach	Lynnhaven Pkwy	Indian River Rd	Centerville Tnpk	\$1.20	Near (2015-2022)			\$1.2	\$1.2	\$0.0
2040-260	York County	Route 17 (George Washington Memorial Hwy)	Hampton Hwy	Dare Rd	\$2.60	Near (2015-2022)			\$2.6	\$2.6	\$0.0

¹ US 460 was originally identified as a Committed Project in the FY 2015-2020 SYIP. The scope and cost of the project has since changed and is now noted as a study in the 2040 LRTP.

TABLE 12 (CONTINUED): SOURCE OF PROJECT FUNDS - COMMITTED PROJECTS (IN MILLIONS)

2040 Project ID	Locality	Project	From	To	Allocations FY 2015-2020	Estimated YOY Time Cost Band	LRTP Funds				Total Non-LRTP Funds
							Federal & CTB	CMAQ	RSTP	TOTAL LRTP Funds	
2040-231	Chesapeake	Gilmerton Bridge	0.36 mi E. of Bridge (Bainbridge Blvd)	0.42 mi W. of Bridge (Shell Rd)	\$0.00	Complete				\$0.0	\$0.0
2040-39	Chesapeake	Woodlake Dr	Battlefield Blvd	Existing Woodlake Dr		Complete				\$0.0	\$7.0
2040-233	Hampton	I-64 Interchange at Lasalle Ave	N/A	N/A	\$0.45	Complete				\$0.0	\$0.5
2040-240	Newport News	City Center Blvd (formerly Middle Ground Blvd)	Jefferson Ave	Warwick Blvd	\$3.60	Complete	\$3.5			\$3.5	\$0.0
2040-244	Norfolk	Hampton Blvd Railroad Grade Separation	Rogers Ave	B Ave	\$0.00	Complete				\$0.0	\$0.0
2040-256	Virginia Beach	Kempsville Rd Intersection at Princess Anne Rd	N/A	N/A	\$0.00	Complete				\$0.0	\$0.0
2040-258	Virginia Beach	Nimmo Pkwy	Holland Rd	General Booth Blvd	\$0.00	Complete				\$0.0	\$0.0
2040-259	Virginia Beach	Princess Anne Rd and Nimmo Pkwy	Dam Neck Rd	Holland Rd	\$0.00	Complete	\$0.6			\$0.6	\$0.0
Total										\$243	\$1,236.19

TABLE 13: SOURCE OF PROJECT FUNDS - PLANNED HIGHWAY CONSTRUCTION PROJECTS AND STUDIES (IN MILLIONS)

	2040 Project ID	Jurisdiction	Project Name	From	To	YOE Completion Cost (FY 2016-2040)	Study Cost	Estimated YOE Time Cost Band	Other Discretionary Funds (Federal & CTB Formula Funds)				District Grant Program	CMAQ - Highway	RSTP - Highway	Total LRTP Funds	Total Non-LRTP Funds
									Interstate	Primary	Secondary	Urban					
S T U D I E S	2040-86	Multi-jurisdictional	Southeastern Pkwy and Greenbelt (Study)	I-264	I-64/I-464	\$4,790.3	\$47.9	N/A							\$47.9	\$47.9	
	2040-83	Multi-jurisdictional	US 460/58/13 (8-Lane Option)	Bowers Hill	Suffolk Bypass	\$1,017.5	\$0.5	N/A							\$0.5	\$0.5	
	2040-203	Multi-jurisdictional	Victory Blvd (Rte 171)	Poquoson CL	Hampton Hwy (Rte 134)	\$47.5	\$5.0	N/A		\$5.0						\$5.0	
	2040-122	Multi-jurisdictional	Victory Blvd (Rte 171)	Wythe Creek Rd (Rte 172)	York County CL	\$41.6	\$5.0	N/A		\$5.0						\$5.0	
	2040-45	Hampton	I-64 at Lasalle Ave (PE)	I-64 WB	Lasalle Ave	\$29.4	\$0.5	N/A	\$0.5							\$0.5	
	2040-46	Hampton	I-64 at N. King St (PE)	N/A	N/A	\$293.7	\$0.5	N/A	\$0.5							\$0.5	
	2040-96	Newport News	I-64 at Denbigh Blvd (Rte 173) (Study)	N/A	N/A	\$374.8	\$0.5	N/A	\$0.5							\$0.5	
	2040-116	Norfolk	I-64 at Northampton Blvd Interchange Improvement (Study)	N/A	N/A	TBD	\$0.4	N/A	\$0.4							\$0.4	
	2040-118	Norfolk	Military Hwy at I-64 -- New EB On-Ramp (Study)	N/A	N/A	\$167.4	\$0.5	N/A	0.5							\$0.5	
	2040-167	Virginia Beach	I-264 at Independence Blvd (Study)	N/A	N/A	\$587.4	\$0.5	N/A	\$0.5							\$0.5	
	2040-168	Virginia Beach	I-264 at Rosemont Rd (Study)	N/A	N/A	\$334.8	\$0.5	N/A	0.5							\$0.5	
C O N S T R U C T I O N	N/A	Multi-jurisdictional	Chesapeake Bay Bridge-Tunnel Parallel Thimble Shoal Tunnel ¹	Virginia Beach	Northampton County	\$820.0	N/A	Near (2015-2022)									\$820.0 ¹
	2040-27	Chesapeake	Deep Crk AIW Bridge Replacement and G.W. Hwy (US 17)/Moses Grandy Trail Intersection Improvements	Mill Creek Pkwy	Diamond Ave	\$51.8	N/A	Near (2015-2022)		\$51.8						\$51.8	
	2040-23	Chesapeake	Dominion Blvd Phase II	0.75 mi South of Cedar Rd	Existing 4-lane Segment South of Cedar Rd	\$23.0	N/A	Near (2015-2022)		\$23.0						\$23.0	
	2040-25	Chesapeake	Freeman Ave	N/A	N/A	\$48.9	N/A	Far (2032-2040)						\$48.9		\$48.9	
	2040-33	Chesapeake	Mt Pleasant Rd/Great Bridge Bypass	N/A	N/A	\$56.7	N/A	Far (2032-2040)					\$56.7			\$56.7	
	2040-34	Chesapeake	Portlock Rd	N/A	N/A	\$38.3	N/A	Far (2032-2040)						\$38.3		\$38.3	
	2040-40	Gloucester	G.W. Mem Hwy (US 17)	1 mi North of Coleman Bridge	Main St (@ Walmart)	\$224.2	N/A	Far (2032-2040)		\$71.7					\$152.5	\$224.2	
	2040-47	Hampton	I-64 at Settlers Landing Rd	N/A	N/A	\$7.3	N/A	Middle (2023-2031)	\$7.3							\$7.3	
	2040-204	James City County	Centerville Rd at News Rd	0.27 mi North of News Road	0.19 mi South of News Rd	\$2.7	N/A	Near (2015-2022)			\$2.7					\$2.7	
	2040-52	James City County	Croaker Rd	Richmond Rd (US 60)	Rochambeau Rd	\$15.0	N/A	Near (2015-2022)			\$15.0					\$15.0	
	2040-206	James City County	Humelsine Pkwy (Rte 199) at Brookwood Dr	N/A	N/A	\$0.8	N/A	Near (2015-2022)		\$0.8						\$0.8	
	2040-57	James City County	Humelsine Pkwy (Rte 199) at Colonial Pkwy	N/A	N/A	\$13.8	N/A	Far (2032-2040)		\$13.8						\$13.8	
	2040-58	James City County	Jamestown Rd (Rte 31) Over Powhatan Creek	N/A	N/A	\$4.2	N/A	Far (2032-2040)		\$4.2						\$4.2	
2040-53A	James City County	Longhill Rd (Phase 1)	Humelsine Pkwy (Rte 199)	Olde Towne Rd	\$18.2	N/A	Middle (2023-2031)			\$18.2					\$18.2		

¹ Funding sources for CBBT Parallel Thimble Shoal Tunnel project have been identified as: CBBT Toll Revenue Bonds, CBBT Commission General Fund, and TIFIA Loans.

TABLE 13 (CONTINUED): SOURCE OF PROJECT FUNDS - PLANNED HIGHWAY CONSTRUCTION PROJECTS AND STUDIES (IN MILLIONS)

	2040 Project ID	Jurisdiction	Project Name	From	To	YOE Completion Cost (FY 2016-2040)	Study Cost	Estimated YOE Time Cost Band	Other Discretionary Funds (Federal & CTB Formula Funds)				District Grant Program	CMAQ - Highway	RSTP - Highway	Total LRTP Funds	Total Non-LRTP Funds
									Interstate	Primary	Secondary	Urban					
C O N S T R U C T I O N	2040-56	James City County	Richmond Rd (US 60) at Humelsine Pkwy (Rte 199) West Ramp	N/A	N/A	\$1.2	N/A	Near (2015-2022)		\$1.2						\$1.2	
	2040-59	James City County	Rte 601 Over Diascund Creek	0.87 mi to Int Rte. 603	0.87 mi to Rte. 603	\$2.0	N/A	Middle (2023-2031)			\$2.0					\$2.0	
	2040-61	James City County	Skiffes Creek Connector	Green Mount Pkwy	Merrimac Trail (Rte 143)	\$53.3	N/A	Near (2015-2022)		\$53.3						\$53.3	
	2040-98	Newport News	J. Clyde Morris Blvd / G.W. Hwy (US 17)	I-64	York CL	\$44.1	N/A	Far (2032-2040)					\$44.1			\$44.1	
	2040-101	Newport News	Liberty Pkwy	Oyster Point Rd	Freedom Way	\$5.7	N/A	Far (2032-2040)							\$5.7	\$5.7	
	2040-109	Norfolk	Air Terminal Interchange	N/A	N/A	\$68.5	N/A	Near (2015-2022)	\$68.5							\$68.5	
	2040-112	Norfolk	Brambleton Ave	Midtown Tunnel	I-264	\$111.6	N/A	Middle (2023-2031)					\$111.6			\$111.6	
	2040-114	Norfolk	Hampton Blvd at Terminal Blvd	Trouville Ave/Portor St	Hampton Blvd	\$132.2	N/A	Middle (2023-2031)				\$127.9	\$4.3			\$132.2	
	2040-115	Norfolk	I-264 at Ballentine Blvd Diverging Diamond Interchange	N/A	N/A	\$7.3	N/A	Middle (2023-2031)	\$7.3							\$7.3	
	2040-261	Poquoson	Laydon Way at Poquoson Ave at Little Florida Rd	N/A	N/A	\$1.3	N/A	Middle (2023-2031)							\$1.3	\$1.3	
	2040-125	Portsmouth	Elm Ave	Victory Blvd (Rte 239)	G.W. Hwy (US 17)	\$4.8	N/A	Middle (2023-2031)							\$4.8	\$4.8	
	2040-126	Portsmouth	Elm Ave at Navy Gates 29 and 36	N/A	N/A	\$18.7	N/A	Far (2032-2040)					\$18.7			\$18.7	
	2040-142	Suffolk	Finney Ave Flyover	Pinner St	Route 13/337 E Washington St	\$38.3	N/A	Far (2032-2040)					\$38.3			\$38.3	
	2040-161	Virginia Beach	Elbow Rd / Dam Neck Rd	Indian River Rd	Virginia Beach Amphitheater	\$26.4	N/A	Near (2015-2022)					\$26.4			\$26.4	
	2040-164	Virginia Beach	First Colonial Rd	Old Donation Pkwy	Virginia Beach Blvd	\$130.3	N/A	Middle (2023-2031)					\$130.3			\$130.3	
	2040-208	Virginia Beach	First Colonial Rd at Virginia Beach Blvd	N/A	N/A	\$31.1	N/A	Near (2015-2022)					\$31.1			\$31.1	
	2040-165	Virginia Beach	General Booth Blvd	Oceana Blvd	Dam Neck Rd	\$38.2	N/A	Middle (2023-2031)					\$38.2			\$38.2	
	2040-166	Virginia Beach	Holland Rd	Rosemont Rd	Independence Blvd	\$126.4	N/A	Middle (2023-2031)							\$126.4	\$126.4	
	2040-170	Virginia Beach	Indian River Rd	Centerville Tnpk	Ferrell Pkwy	\$80.9	N/A	Middle (2023-2031)					\$80.9			\$80.9	
	2040-178	Virginia Beach	Princess Anne Rd - Phase VII	Fisher Arch	General Booth Blvd	\$35.4	N/A	Middle (2023-2031)					\$35.4			\$35.4	
	2040-180	Virginia Beach	Rosemont Rd	Virginia Beach Blvd	Holland Rd	\$144.8	N/A	Middle (2023-2031)					\$139.0		\$5.8	\$144.8	
	2040-183	Virginia Beach	Shore Dr - Phase III	Eastern End of Lesner Bridge	Great Neck Rd	\$16.5	N/A	Near (2015-2022)					\$16.5			\$16.5	
	2040-210	Williamsburg	Bypass Rd at Page St at Capitol Landing Rd	N/A	N/A	\$8.8	N/A	Middle (2023-2031)					\$4.9	\$3.9		\$8.8	
2040-199	York County	G.W. Mem Hwy (US 17)	Dare Rd	Denbigh Blvd (Rte 173)	\$29.4	N/A	Near (2015-2022)		\$29.4						\$29.4		
2040-202	York County	Victory Blvd (Rte 171)	G.W. Mem Hwy (US 17)	Hampton Hwy (Rte 134)	\$4.7	N/A	Near (2015-2022)							\$4.7	\$4.7		
Total															\$1,729	\$820	

TABLE 14: SOURCE OF PROJECT FUNDS - PLANNED MULTIMODAL PASSENGER/TRANSIT CONSTRUCTION PROJECTS AND STUDIES (IN MILLIONS)

	2040 Project ID	Jurisdiction	Project Name	From	To	YOE Completion Cost (FY 2016-2040)	Study Cost	Estimated YOE Time Cost Band	State Funds	Local Funds	CMAQ - Transit	RSTP - Transit	Total L RTP Funds
S T U D I E S	2040-186	Virginia Beach	Virginia Beach Transit Extension	Town Center/ Constitution Drive	Virginia Beach Oceanfront	\$1,300.0	\$20.0	N/A				\$20.0	\$20.0
	2040-119	Norfolk	Naval Station Norfolk Transit Extension	Existing LRT	Naval Station Norfolk	\$1,500.0	\$20.0	N/A				\$20.0	\$20.0
	2040-81	Multi-jurisdictional	Portsmouth-Southside Light Rail	Portsmouth	Southside	\$1,700.0	\$5.0	N/A				\$5.0	\$5.0
	2040-30	Chesapeake	Light Rail Transit Extension to Greenbrier Area	South Norfolk	Greenbrier Area	\$1,700.0	\$5.0	N/A				\$5.0	\$5.0
	2040-80	Multi-jurisdictional	Peninsula Fixed Guideway (A1 Alignment)	Newport News City Hall	Denbigh Blvd (Rte 173)	\$1,700.0	\$5.0	N/A				\$5.0	\$5.0
	2040-213	Virginia Beach	Virginia Beach Transit Extension North - Phase II	Town Center / Independence Blvd	Shore Dr	\$510.7	\$5.0	N/A				\$5.0	\$5.0
	2040-214	Virginia Beach	Virginia Beach Transit Extension South - Phase III	Town Center / Independence Blvd	Virginia Beach Municipal Center	\$681.0	\$5.0	N/A				\$5.0	\$5.0
	2040-71	Multi-jurisdictional	Elizabeth River Ferry Expansion	Current Service Locations	ODU and Naval Station Norfolk	\$8.9	\$5.0	N/A				\$5.0	\$5.0
	2040-141	Suffolk	Suffolk Rail Station	N/A	N/A	\$18.7	\$5.0	N/A				\$5.0	\$5.0
	2040-127	Portsmouth	Hampton Roads Transit Transfer Station	N/A	N/A	\$0.2	\$1.0	N/A				\$1.0	\$1.0
C O N S T R U C T I O N	2040-62	James City County	WATA Administrative Operations Center	N/A	N/A	\$9.0	N/A	Near (2015-2022)				\$9.0	\$9.0
	N/A	Virginia Beach	Virginia Beach Transit Extension	Newtown Rd Station	Town Center/ Constitution Drive	\$310.0	N/A	Near (2015-2022)	\$155.0	\$155.0			\$310.0
	N/A	Multi-jurisdictional	Enhanced Bus Service/Bus Replacement - HRT	N/A	N/A	\$123.0	N/A	N/A			\$123.0		\$123.0
	N/A	Multi-jurisdictional	Enhanced Bus Service/Bus Replacement - WATA	N/A	N/A	\$44.0	N/A	N/A			\$44.0		\$44.0
Total												\$562	

TABLE 15: SOURCE OF PROJECT FUNDS - PLANNED ACTIVE TRANSPORTATION PROJECTS (IN MILLIONS)

2040 Project ID	Jurisdiction	Project Name	From	To	YOE Completion Cost (FY 2016-2040)	Estimated YOE Time Cost Band	TAP	Total LRTP Funds
2040-136	Suffolk	Rail-to-Trail (Suffolk Seaboard Coastline Trail, part of the South Hampton Roads Trail)	Pughsville Rd	Downtown Suffolk	\$6.75	Near (2015-2022)	\$6.75	\$6.75
2040-226	Virginia Beach	Scarborough Bridge	Magic Hollow Blvd	Old Clubhouse Rd	\$1.34	Middle (2023-2031)	\$1.34	\$1.34
2040-69	Multi-jurisdictional	South Hampton Roads Trail: Virginia Beach (Bike Trails/Lanes Along Light Rail Tracks)	Norfolk	Oceanfront	\$8.62	Far (2032-2040)	\$8.62	\$8.62
2040-67	Multi-jurisdictional	Bike Path Along Shore Dr/Hampton Blvd/Little Creek Rd	Norfolk Elizabeth River Trail	Virginia Beach City Line	\$12.94	Far (2032-2040)	\$12.94	\$12.94
2040-185	Virginia Beach	Violet Bank Dr Bike Trail	Kittery Dr	Selwood Dr	\$1.07	Near (2015-2022)	\$1.07	\$1.07
2040-60	James City County	Sidewalks along Longhill Rd over Route 199	DePue Drive	Lane Place	\$0.94	Far (2032-2040)	\$0.94	\$0.94
2040-37	Chesapeake	South Hampton Roads Trail: Western Branch	Taylor Rd	Poplar Hill Rd	\$4.60	Far (2032-2040)	\$4.60	\$4.60
2040-224	Virginia Beach	Thalia Creek Greenway Phase - 1D	Constitution Dr	Virginia Beach Blvd	\$1.11	Middle (2023-2031)	\$1.11	\$1.11
2040-192	Williamsburg	Monticello Ave Shared-Use Path	Treyburn Drive	Ironbound Rd (Rte 615)	\$1.91	Near (2015-2022)	\$1.91	\$1.91
2040-225	Virginia Beach	Level Green Powerline Corridor	Reon Dr	Chesapeake CL at S. Military Hwy	\$1.17	Middle (2023-2031)	\$1.17	\$1.17
2040-123	Portsmouth	Bike lanes on Churchland Blvd	Portsmouth Trail	High St	\$0.02	Near (2015-2022)	\$0.02	\$0.02
2040-228	York County	Shared Use Path Along Yorktown Rd	Cardinal Ln (Rte 670)	Victory Blvd (Rte 171)	\$1.62	Middle (2023-2031)	\$1.62	\$1.62
							Total	\$42

TABLE 16: SOURCE OF PROJECT FUNDS - PLANNED LOCALLY-FUNDED CONSTRUCTION PROJECTS (IN MILLIONS)

2040 Project ID	Jurisdiction	Project Name	From	To	YOE Completion Cost (FY 2016-2040)	Estimated YOE Time Cost Band	Local Funds
2040-162	Virginia Beach	Ferrell Pkwy	Indian Lakes Blvd	Indian River Rd	\$2.03	Middle (2023-2031)	\$2.03
2040-176	Virginia Beach	Newtown Road	Baker Rd	Virginia Beach Blvd	\$15.52	Middle (2023-2031)	\$15.52
2040-184	Virginia Beach	Shore Drive - Phase II	Pleasure House Road	Treasure Island Drive	\$12.18	Middle (2023-2031)	\$12.18
2040-152	Virginia Beach	Centerville Tnpg - Phase III	Chesapeake CL	Kempsville Rd	\$30.10	Middle (2023-2031)	\$30.10
2040-262	Virginia Beach	Rosemont Road - Phase V	Dam Neck Rd	Lynnhaven Pkwy	\$15.77	Near (2015-2022)	\$15.77
2040-171	Virginia Beach	Laskin Road - Phase I	Republic Rd	Oriole Dr	\$66.93	Near (2015-2022)	\$66.93
2040-169	Virginia Beach	Indian River Road - Phase VII	Lynnhaven Pkwy	Elbow Rd	\$78.03	Middle (2023-2031)	\$78.03
2040-153	Virginia Beach	Cleveland Street - Phase III	Witchduck Road	Clearfield Ave	\$4.90	Middle (2023-2031)	\$4.90
2040-215	Virginia Beach	Sandbridge Road - Nimmo VII-A	Sandpiper Road	Atwoodtown Road	\$11.70	Middle (2023-2031)	\$11.70
2040-172	Virginia Beach	Laskin Road - Phase II	Oriole Dr	30th/31st St	\$10.23	Near (2015-2022)	\$10.23
2040-182	Virginia Beach	Shore Drive - Phase IV	Marlin Bay Drive/Sandy Oaks Drive	West End of Lesner Bridge	\$12.01	Middle (2023-2031)	\$12.01
2040-157	Virginia Beach	Dam Neck Road - Phase I	Princess Anne Rd	Holland Rd	\$31.31	Middle (2023-2031)	\$31.31
2040-189	Virginia Beach	West Neck Pkwy Ext'd	Elbow Rd/Dam Neck Rd	North Landing Rd	\$32.52	Middle (2023-2031)	\$32.52
2040-179	Virginia Beach	Providence Road	Kempsville Rd	Princess Anne Rd	\$42.21	Middle (2023-2031)	\$42.21
2040-175	Virginia Beach	Lynnhaven Pkwy	Holland Rd	Princess Anne Rd	\$61.32	Middle (2023-2031)	\$61.32
2040-163	Virginia Beach	Ferrell Pkwy	Indian Lakes Blvd	Pleasant Valley Rd	\$27.94	Middle (2023-2031)	\$27.94
2040-150	Virginia Beach	Birdneck Road	I-264	Virginia Beach Blvd	\$13.97	Middle (2023-2031)	\$13.97
2040-219	Virginia Beach	Salem Road	Elbow Rd	North Landing Rd	\$56.76	Middle (2023-2031)	\$56.76
2040-218	Virginia Beach	Seaboard Road	Princess Anne Rd (North)	Princess Anne Rd (South)	\$31.05	Middle (2023-2031)	\$31.05
N/A	Virginia Beach	Landstown Rd	Landstown Centre Way	Landstown Rd	\$3.58	Near (2015-2022)	\$3.58

TABLE 16 (CONTINUED): SOURCE OF PROJECT FUNDS - PLANNED LOCALLY-FUNDED CONSTRUCTION PROJECTS (IN MILLIONS)

2040 Project ID	Jurisdiction	Project Name	From	To	YOE Completion Cost (FY 2016-2040)	Estimated YOE Time Cost Band	Local Funds
N/A	Virginia Beach	Laskin Road Bridge Replacement	Laskin Rd	Laskin Rd	\$17.77	Near (2015-2022)	\$17.77
N/A	Virginia Beach	Witchduck Road	I-264	Virginia Beach Blvd	\$8.86	Near (2015-2022)	\$8.86
2040-156	Virginia Beach	Dam Neck Road - Phase II	Holland Rd	Drakesmile Rd	\$23.03	Middle (2023-2031)	\$23.03
2040-158	Virginia Beach	Dam Neck Road - Phase III	Drakesmile Rd	London Bridge Rd	\$32.34	Middle (2023-2031)	\$32.34
2040-173	Virginia Beach	London Bridge Road	Dam Neck Rd	Shipp's Corner Rd	\$26.98	Middle (2023-2031)	\$26.98
N/A	Virginia Beach	Princess Anne Road	Providence Rd	Salem Rd	\$16.56	Middle (2023-2031)	\$16.56
N/A	Virginia Beach	Ferrell Pkwy	Pleasant Valley Rd	Salem Rd	\$31.31	Middle (2023-2031)	\$31.31
N/A	Virginia Beach	Holland Road	Dam Neck Rd	Rosemont Rd	\$56.92	Middle (2023-2031)	\$56.92
N/A	Virginia Beach	Salem Road	Independence Blvd	Elbow Rd	\$18.53	Middle (2023-2031)	\$18.53
N/A	Virginia Beach	Indian River Road	Elbow Rd	North Landing Rd	\$68.11	Middle (2023-2031)	\$68.11
N/A	Virginia Beach	Independence Blvd	Haygood Rd	Northampton Blvd	\$50.97	Middle (2023-2031)	\$50.97
2040-159	Virginia Beach	Drakesmile Extended - Phase I	Dam Neck Rd	Holland Rd	\$11.50	Middle (2023-2031)	\$11.50
2040-160	Virginia Beach	Drakesmile Extended - Phase II	Holland Rd	Princess Anne Rd	\$12.30	Middle (2023-2031)	\$12.30
2040-217	Virginia Beach	West Neck Pkwy Ext'd	North Landing Rd	Indian River Rd	\$25.74	Middle (2023-2031)	\$25.74
2040-177	Virginia Beach	Nimmo Pkwy	Indian River Rd/North Landing Rd	West Neck Rd Ext'd	\$35.48	Middle (2023-2031)	\$35.48
2040-154	Virginia Beach	Cleveland Street - Phase IV	Aragona Blvd	Independence Blvd	\$10.20	Middle (2023-2031)	\$10.20
N/A	Virginia Beach	Shore Drive	Norfolk CL	Diamond Springs Rd	\$6.47	Middle (2023-2031)	\$6.47
N/A	Virginia Beach	Light Rail Corridor Shared-Use Path	Newtown Rd	Norfolk Ave	\$8.84	Near (2015-2022)	\$8.84
Total							\$1,022

HAMPTON ROADS REGIONAL TRANSPORTATION VISION PLAN

DRAFT 2040 REGIONAL TRANSPORTATION VISION PLAN
UNFUNDED Prioritized Projects **NOT** included in the fiscally-constrained 2040 LRTP

2040 Project ID	Locality	Project Name	From	To	Project System	Project Cost, in Millions (Year-of-Expenditure)	TOTAL PROJECT PRIORITIZATION SCORE
BRIDGE/TUNNEL VISION PROJECTS							
2040-74A	Multi-jurisdictional	Hampton Roads Bridge Tunnel (8-Lanes)	I-64/I-664 (at Coliseum)	I-64/I-564	INTERSTATE	\$10,462	187
2040-38	Chesapeake	Triple Decker Bridge (Interchange of US 13, US 460, and Norfolk Southern Rail Line)	N/A	N/A	PRIMARY	\$43	128
2040-58	James City County	Jamestown Rd (Rte 31) Over Powhatan Creek	N/A	N/A	PRIMARY	\$4	66
2040-57	James City County	Humelsine Pkwy (Rte 199) at Colonial Pkwy	N/A	N/A	PRIMARY	\$14	42
2040-134	Suffolk	Mills Godwin Bridge	Quail Hollow	Waterview Rd	PRIMARY	\$143	115
2040-10	Chesapeake	22nd St Bridge	Liberty St	Wilson Rd	URBAN	\$35	96
2040-239	Newport News	Fort Eustis Blvd Bridge Replacement	E. side of Lee Hall Reservoir	W. side of Lee Hall Reservoir	URBAN	\$20	85
2040-129	Portsmouth	Paradise Creek Bridge (Rte 239)	N/A	N/A	URBAN	\$7	80
2040-133	Suffolk	Kings Hwy Bridge	Godwin Blvd (Rte 10)	Kings Hwy	URBAN	\$115	103
HIGHWAY VISION PROJECTS							
2040-77	Multi-jurisdictional	I-64 Peninsula (8-Lane Option)	Bland Blvd	New Kent County Line	INTERSTATE	\$2,758	204
2040-82	Multi-jurisdictional	US 60 Relocation	Fort Eustis Blvd	Green Mount Pkwy	PRIMARY	\$99	136
2040-195	Multi-jurisdictional	Denbigh Blvd (Rte 173)	Newport News CL	G.W. Mem Hwy (US 17)	PRIMARY	\$22	85
2040-36	Chesapeake	Military Hwy	Allison Dr	Virginia Beach CL	PRIMARY	\$220	130
2040-26	Chesapeake	G.W. Hwy (US 17)	Yadkin Rd	Canal Dr	PRIMARY	\$70	125
2040-16	Chesapeake	Centerville TnPk	Mount Pleasant Rd	Virginia Beach CL	PRIMARY	\$259	118
2040-41	Gloucester	G.W. Mem Hwy (US 17)	Main St (@ Walmart)	Ark Rd	PRIMARY	\$82	76
2040-49	Isle of Wight	US 258	US 460	Sunset Dr	PRIMARY	\$40	90
2040-198	York County	J. Clyde Morris Blvd / G.W. Hwy (US 17)	Newport News CL	1.27 mi South of Rte 620 (Lakeside Dr / Oriana Rd)	PRIMARY	\$201	137
2040-197	York County	G.W. Mem Hwy (US 17)	Fort Eustis Blvd (Rte 105)	Coleman Bridge	PRIMARY	\$192	124
2040-196	York County	G.W. Mem Hwy (US 17)	Denbigh Blvd (Rte 173)	Fort Eustis Blvd (Rte 105)	PRIMARY	\$80	113

DRAFT 2040 REGIONAL TRANSPORTATION VISION PLAN
UNFUNDED Prioritized Projects **NOT** included in the fiscally-constrained 2040 LRTP

2040 Project ID	Locality	Project Name	From	To	Project System	Project Cost, in Millions (Year-of-Expenditure)	TOTAL PROJECT PRIORITIZATION SCORE
HIGHWAY VISION PROJECTS (CONTINUED)							
2040-78	Multi-jurisdictional	Mooretown Rd Extension	Lightfoot Rd	Croaker Rd	SECONDARY	\$154	75
2040-53B, C	James City County	Longhill Rd (Phases 2-3)	Old Towne Rd	Centerville Rd	SECONDARY	\$74	91
2040-194	York County	Commonwealth Drive Extension	G.W. Mem Hwy (US 17)	Commonwealth Dr	SECONDARY	\$11	85
2040-93	Multi-jurisdictional	Denbigh Blvd (Rte 173)	Independence Blvd	York CL	URBAN	\$8	81
2040-25	Chesapeake	Freeman Ave	N/A	N/A	URBAN	\$49	97
2040-31	Chesapeake	Mt Pleasant Rd, Phase 1	Chesapeake Expressway	Etheridge Rd	URBAN	\$54	96
2040-34	Chesapeake	Portlock Rd	N/A	N/A	URBAN	\$38	90
2040-32	Chesapeake	Mt Pleasant Rd, Phase 2	Etheridge Rd	Centerville Tnpk	URBAN	\$81	89
2040-24	Chesapeake	Elbow Rd	Butts Station Rd	Virginia Beach CL	URBAN	\$134	79
2040-28	Chesapeake	Hanbury Rd	Johnstown Rd	Battlefield Blvd	URBAN	\$36	62
2040-11	Chesapeake	Ballahack Rd	G.W. Hwy (US 17)	Old Battlefield Blvd	URBAN	\$109	59
2040-17	Chesapeake	Chesapeake Regional Airport Access Rd	West Rd	G.W. Hwy (US 17)	URBAN	\$19	53
2040-48	Hampton	Little Back River Rd	N. King St	Harris Creek Rd	URBAN	\$73	85
2040-44	Hampton	Coliseum Dr	Hampton Roads Center Pkwy	Butler Farm Rd	URBAN	\$7	80
2040-108	Newport News	Warwick Blvd	Nettles Dr	Fort Eustis Blvd	URBAN	\$489	138
2040-104	Newport News	Oyster Point Rd	Jefferson Ave	Warwick Blvd	URBAN	\$77	123
2040-99	Newport News	J. Clyde Morris Blvd	Jefferson Ave	Warwick Blvd	URBAN	\$58	96
2040-100	Newport News	Jefferson Ave	Green Grove Ln	Fort Eustis Blvd	URBAN	\$96	96
2040-97	Newport News	Independence Blvd	Denbigh Blvd (Rte 173)	Fort Eustis Blvd	URBAN	\$21	73
2040-106	Newport News	Saunders Rd	Harpersville Rd	Hampton CL	URBAN	\$58	71

DRAFT 2040 REGIONAL TRANSPORTATION VISION PLAN
UNFUNDED Prioritized Projects **NOT** included in the fiscally-constrained 2040 LRTP

2040 Project ID	Locality	Project Name	From	To	Project System	Project Cost, in Millions (Year-of-Expenditure)	TOTAL PROJECT PRIORITIZATION SCORE
HIGHWAY VISION PROJECTS (CONTINUED)							
2040-94	Newport News	Harpersville Rd	Jefferson Ave	Warwick Blvd	URBAN	\$38	70
2040-95	Newport News	Harpersville Rd	J. Clyde Morris Blvd	Saunders Rd	URBAN	\$12	69
2040-107	Newport News	Turnberry Blvd	McManus Blvd	Denbigh Blvd (Rte 173)	URBAN	\$19	61
2040-105	Newport News	Patrick Henry Dr	Bland Blvd	Turnberry Blvd	URBAN	\$12	57
2040-102	Newport News	Lucas Creek Rd Extension	Denbigh Blvd (Rte 173)	Atkinson Blvd	URBAN	\$58	55
2040-91	Newport News	Briarfield Rd	Jefferson Ave	Hampton CL	URBAN	\$19	52
2040-92	Newport News	Chestnut Ave	I-664	Briarfield Rd	URBAN	\$18	41
2040-120	Norfolk	Virginia Beach Blvd	Military Hwy	Newtown Rd	URBAN	\$148	132
2040-117	Norfolk	Little Creek Rd	Tidewater Dr	Shore Dr	URBAN	\$265	118
2040-130	Portsmouth	West Norfolk Rd	Western Fwy (Rte 164)	End of West Norfolk Rd	URBAN	\$2	36
2040-211	Smithfield	S. Church St	Battery Park Rd	Talbot Dr	URBAN	\$146	72
2040-212	Smithfield	Battery Park Rd	S. Church St	Nike Park Rd	URBAN	\$12	69
2040-131	Suffolk	Bridge Rd (US 17)	Mills Godwin Bridge	Chesapeake CL	URBAN	\$204	128
2040-138	Suffolk	Nansemond Pkwy (Rte 337)	Shoulder's Hill Rd (Rte 626)	Wilroy Rd (Rte 642)	URBAN	\$147	101
2040-135	Suffolk	North Suffolk Connector Rd	Nansemond Pkwy (Rte 337) (near Hargrove Landing)	I-664	URBAN	\$26	92
2040-137	Suffolk	Bridge Rd (US 17)	Mills Godwin Bridge	Isle of Wight CL	URBAN	\$82	82
2040-140	Suffolk	Shoulders Hill Rd (Rte 626)	Nansemond Pkwy (Rte 337)	Bridge Rd (US 17)	URBAN	\$96	63
2040-143	Suffolk	Wilroy Rd (Rte 642)	Nansemond Pkwy (Rte 337)	Constance Rd	URBAN	\$163	54
2040-155	Virginia Beach	Drakesmile Rd Extended	Dam Neck Rd	Princess Anne Rd	URBAN	\$23	96
2040-220	Virginia Beach	West Neck Rd	North Landing Rd	Indian River Rd	URBAN	\$42	66
2040-190	Williamsburg	Ironbound Rd (Rte 615)	Richmond Rd (US 60)	DePue Dr (formerly Longhill Connector)	URBAN	\$9	88

DRAFT 2040 REGIONAL TRANSPORTATION VISION PLAN
UNFUNDED Prioritized Projects **NOT** included in the fiscally-constrained 2040 LRTP

2040 Project ID	Locality	Project Name	From	To	Project System	Project Cost, in Millions (Year-of-Expenditure)	TOTAL PROJECT PRIORITIZATION SCORE
HIGHWAY VISION PROJECTS (CONTINUED)							
2040-191	Williamsburg	Monticello Ave	Richmond Rd (US 60)	Treyburn Dr	URBAN	\$6	85
INTERCHANGE/INTERSECTION VISION PROJECTS							
2040-29	Chesapeake	Great Bridge Blvd	Battlefield Blvd	Chesapeake Expressway Off Ramp	URBAN	\$15	85
2040-207	Norfolk	Terminal Blvd at Diven St	N/A	N/A	URBAN	\$2	77
2040-209	Virginia Beach	Rosemont Rd at Holland Rd	N/A	N/A	URBAN	\$83	97
INTERMODAL VISION PROJECTS							
2040-135	Suffolk	North Suffolk Connector Rd	N/A	N/A	URBAN	\$26	105
MULTIMODAL PASSENGER/TRANSIT VISION PROJECTS							
2040-80A	Multi-jurisdictional	Peninsula Fixed Guideway (A3 Alignment)	Christopher Newport University	Huntington Pointe	FIXED GUIDEWAY/ LRT	\$680	126
2040-72	Multi-jurisdictional	Ferry Service	Norfolk	Hampton	FERRY	\$22	131
2040-73	Multi-jurisdictional	Ferry Service	Old Towne (Portsmouth)	Downtown Norfolk - Naval Station Norfolk	FERRY	\$9	131
2040-76A	Multi-jurisdictional	High-Speed and Intercity Passenger Rail - DRPT Tier I EIS ROD - Preferred Alternative	Hampton Roads	Richmond / Northeast Corridor	HEAVY/ COMMUTER RAIL	\$475	136
2040-79	Multi-jurisdictional	Peninsula Commuter Rail	Newport News	Williamsburg	HEAVY/ COMMUTER RAIL	\$406	130
2040-76A	Multi-jurisdictional	High-Speed and Intercity Passenger Rail - HRTPO High Speed Rail Vision Plan - Option 4 Richmond	Hampton Roads	Richmond / Northeast Corridor	HEAVY/ COMMUTER RAIL	\$8,964	106
ACTIVE TRANSPORTATION VISION PROJECTS							
2040-193	York County	Shared Use Path Victory Blvd (Rte 171)	Hampton Hwy (Rt 134)	Carys Chapel Rd	SECONDARY	\$3	52
2040-54	James City County	Pocahontas Trail Reconstruction	James City County Fire Station #2 (8429 Pocahontas Trail)	James River Elementary School (8901 Pocahontas Trail)	SECONDARY	\$7	50
2040-66	York County	Shared Use Path - Yorktown Road	Tabb High School	Hampton Hwy (Rte 134) at Brick Kiln Creek Bridge	SECONDARY	\$2	46
2040-65A	James City County	Bike Lanes on Greensprings Rd and Centerville Rd that connect to Capital Trail	Jamestown Rd (Rte 31)	John Tyler Hwy (Rte 5)	SECONDARY	\$3	46
2040-51	James City County	Monticello Ave Bike Lane	News Rd	Centerville Rd	SECONDARY	\$3	44
2040-227	York County	Penniman Rd (Sidewalk / Multi Use Path)	Williamsburg CL	Marquis Center Pkwy (Rte 199)	SECONDARY	\$2	43

DRAFT 2040 REGIONAL TRANSPORTATION VISION PLAN
UNFUNDED Prioritized Projects **NOT** included in the fiscally-constrained 2040 LRTP

2040 Project ID	Locality	Project Name	From	To	Project System	Project Cost, in Millions (Year-of-Expenditure)	TOTAL PROJECT PRIORITIZATION SCORE
ACTIVE TRANSPORTATION VISION PROJECTS (CONTINUED)							
2040-85	Multi-jurisdictional	South Hampton Roads Trail: Complete Trail (Suffolk to VB)	Suffolk	Virginia Beach	URBAN	\$104	79
2040-222	Virginia Beach	Northampton Blvd Right-of-Way	Bayside Dr	Greenwell Rd	URBAN	\$7	69
2040-188	Virginia Beach	Walkway at Virginia Beach Town Center Over I-264	Thalia Creek Greenway	Mt. Trashmore Park	URBAN	\$6	64
2040-187	Virginia Beach	Nimmo Trail	Nimmo Pkwy	Sandbridge Rd	URBAN	\$4	64
2040-223	Virginia Beach	Thalia Creek Greenway - Phase 1C	Bonney Rd	I-264	URBAN	\$5	58
2040-18	Chesapeake	Construct multi-use path along Etheridge Manor Blvd/ Hanbury Rd	Centerville Tnpk	Johnstown Rd	URBAN	\$17	56
2040-113	Norfolk	Extend Elizabeth River Trail to Naval Station Norfolk	Cloncurry Road	Admiral Tausig Boulevard	URBAN	\$6	53
2040-88	Multi-jurisdictional	VA/NC Dismal Swamp Bike/Walk Trail Connection	VA	NC	URBAN	\$14	50
2040-21	Chesapeake	Construct multi-use path trail along Dismal Swamp Canal	Existing Trailhead	North Carolina Border	URBAN	\$7	49
2040-19	Chesapeake	Construct multi-use path along George Washington Hwy	Old Mill Rd	Deep Creek Park	URBAN	\$2	45
2040-121	Poquoson	Bike Path on Hunts Neck Rd (Rte 172)	Yorktown Rd	Pasture Rd	URBAN	\$1	26