

2050

HAMPTON ROADS

LONG-RANGE TRANSPORTATION PLAN

DRAFT Project Prioritization Scores

PRESENTED TO THE TRANSPORTATION TECHNICAL ADVISORY COMMITTEE
NOVEMBER 5, 2025

DALE M. STITH, PRINCIPAL TRANSPORTATION PLANNER





TRANSPORTATION FOR ALL

HAMPTON ROADS 2050 LRTP



HAMPTON ROADS 2050 LRTP



2050

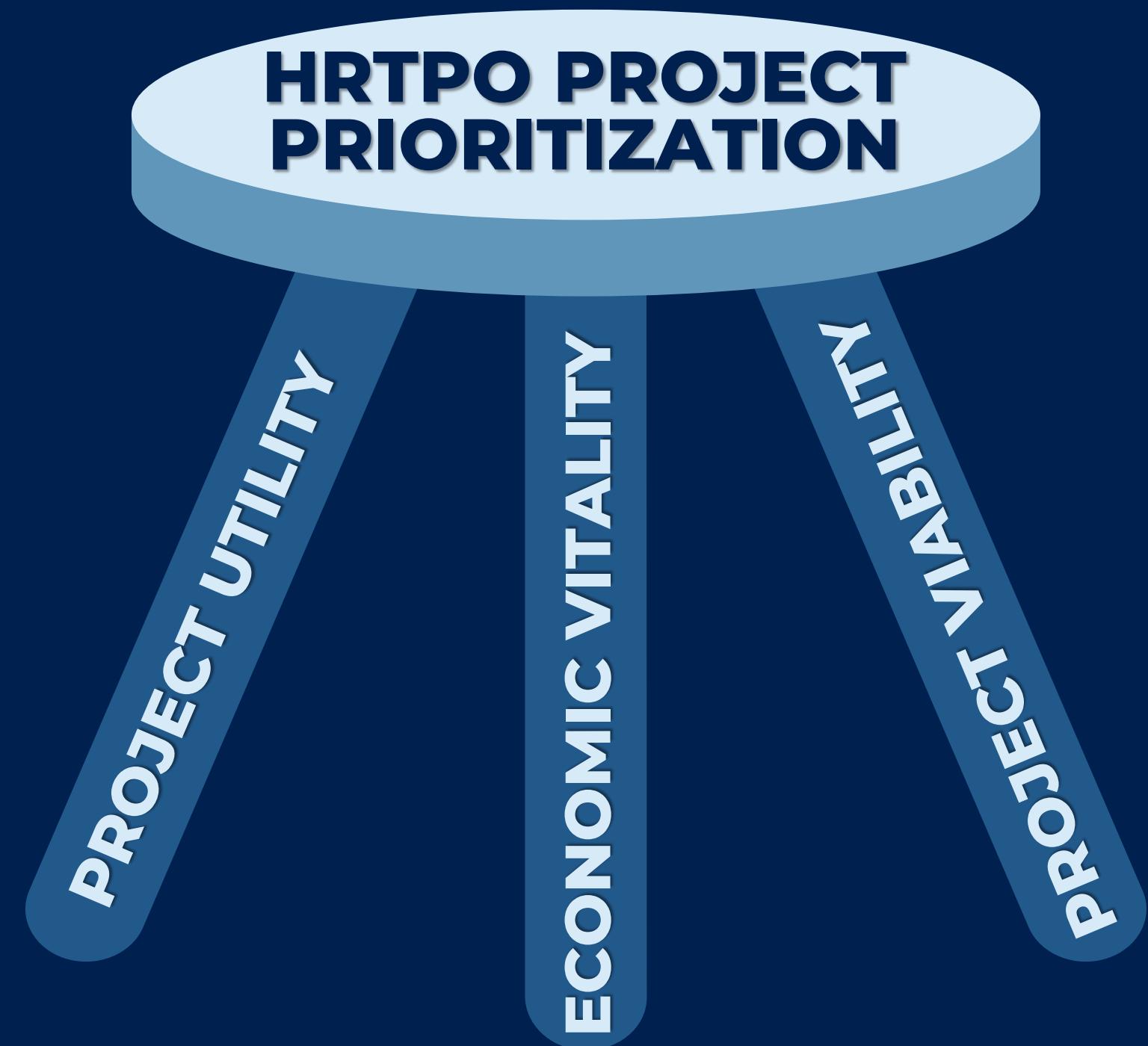


The LRTP isn't just a list of projects – it's a strategic, data-informed regional plan

Prioritization helps us decide which projects rise to the top.

Value of Project Prioritization Tool

- Objective, data-driven priorities has helped **improve decision-making, engagement, collaboration, and consensus**
- Regional leaders and stakeholders **take real ownership** over prioritization scores
- **Commitment to maintaining and enhancing prioritization** has been valuable in addressing regional priorities



Project Ideas to Fiscal Constraint

LRTP Applicability

**Locality/Agency
Compatibility**

**Project
Prioritization**

Fiscal Constraint

2050



Project Evaluation Process



Candidate Project List

Identify/Confirm Committed Projects

Collect Data from Stakeholders

Review Data (HRTPO and VDOT)

Spatial Analyses (inputs for Prioritization)

Project Evaluation and Prioritization

Review Draft Prioritization Scores

Finalize Prioritization Scores

HRTPO Project Prioritization Tool



Ability to solve a transportation problem

Potential for economic gain

Project readiness and compatibility

HRTPO Project Prioritization Tool



100 points

100 points

100 points

Max Points: 300

PROJECT UTILITY

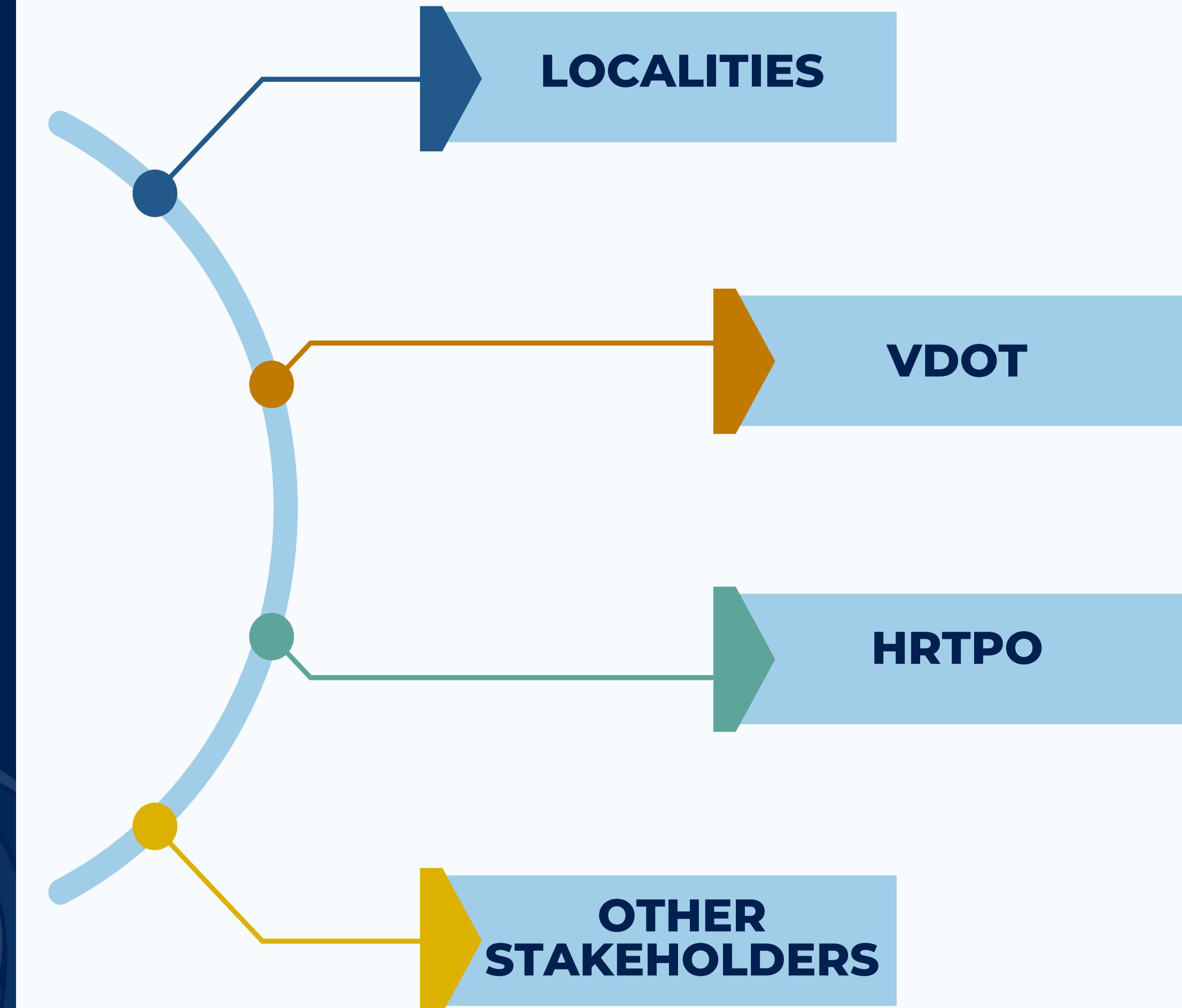
PROJECT VIABILITY

ECONOMIC VITALITY



Project Data Collection

- Data provided by various sources
- Iterative review process



HRTPPO Project Prioritization Tool

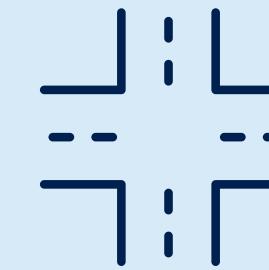
PROJECTS ARE SCORED IN
SEPARATE CATEGORIES



Bridge/Tunnel



Highway



Interchange/
Intersection



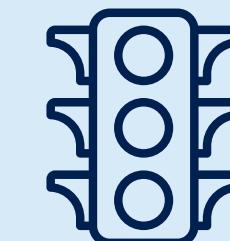
Intermodal/
Freight



Transit



Active
Transportation



Systems/Demand
Management

HRTPPO Project Prioritization Tool

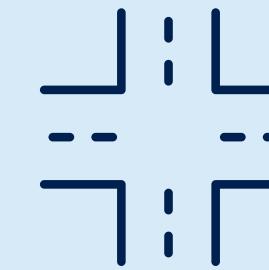
PROJECTS ARE SCORED IN
SEPARATE CATEGORIES



Bridge/Tunnel



Highway



Interchange/
Intersection



Intermodal/
Freight



Transit



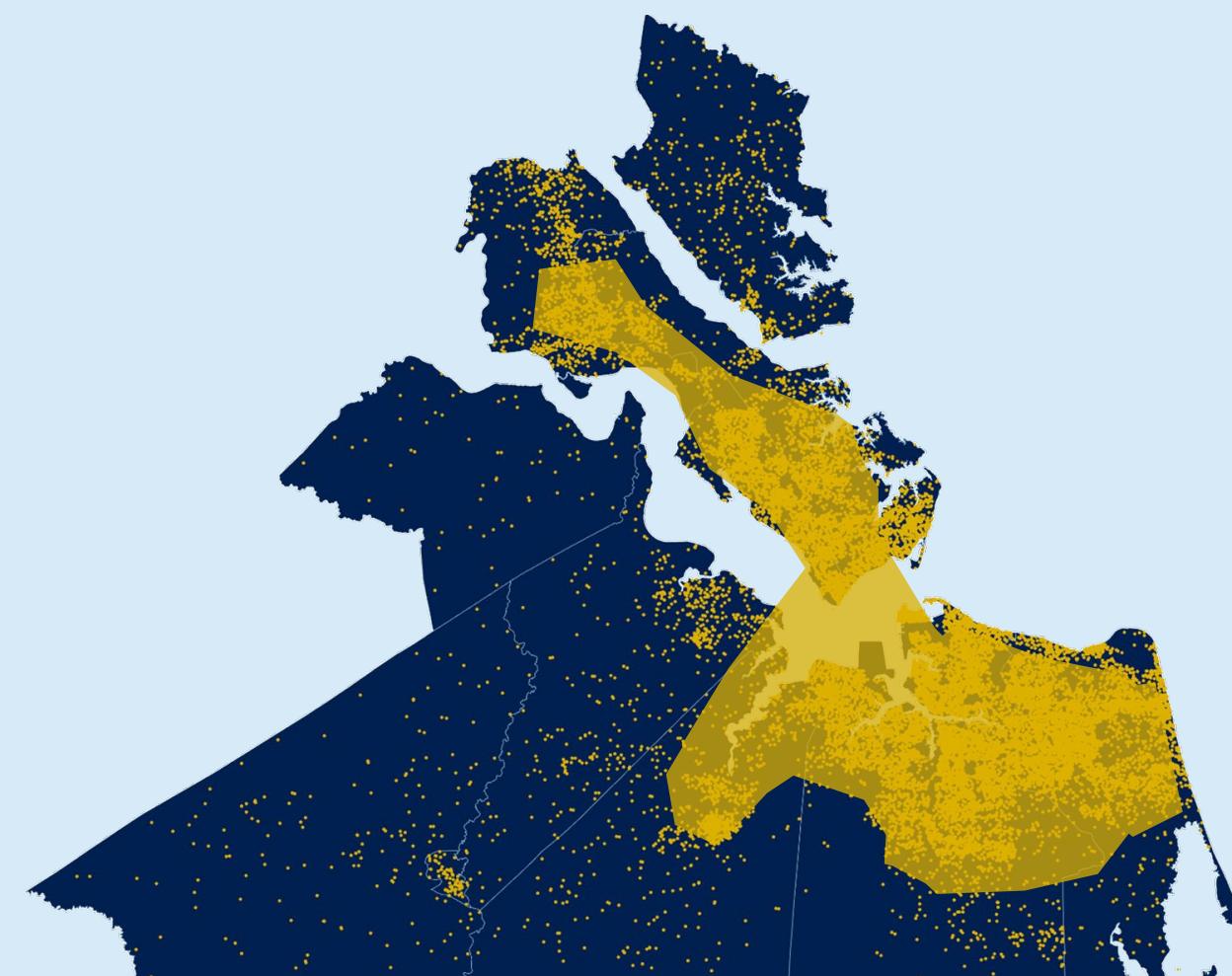
Active
Transportation



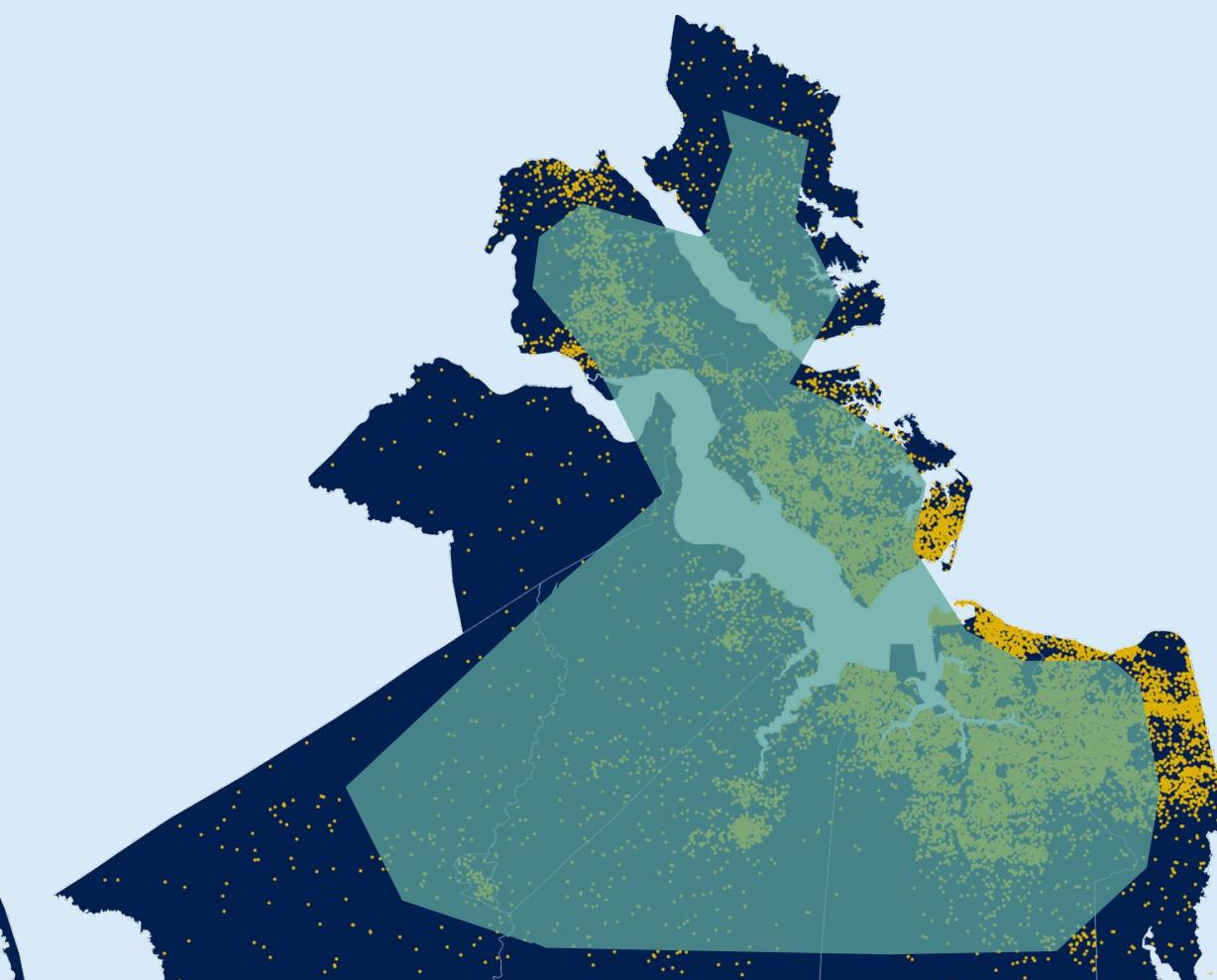
Systems/Demand
Management

2050 Alternate Growth Scenarios

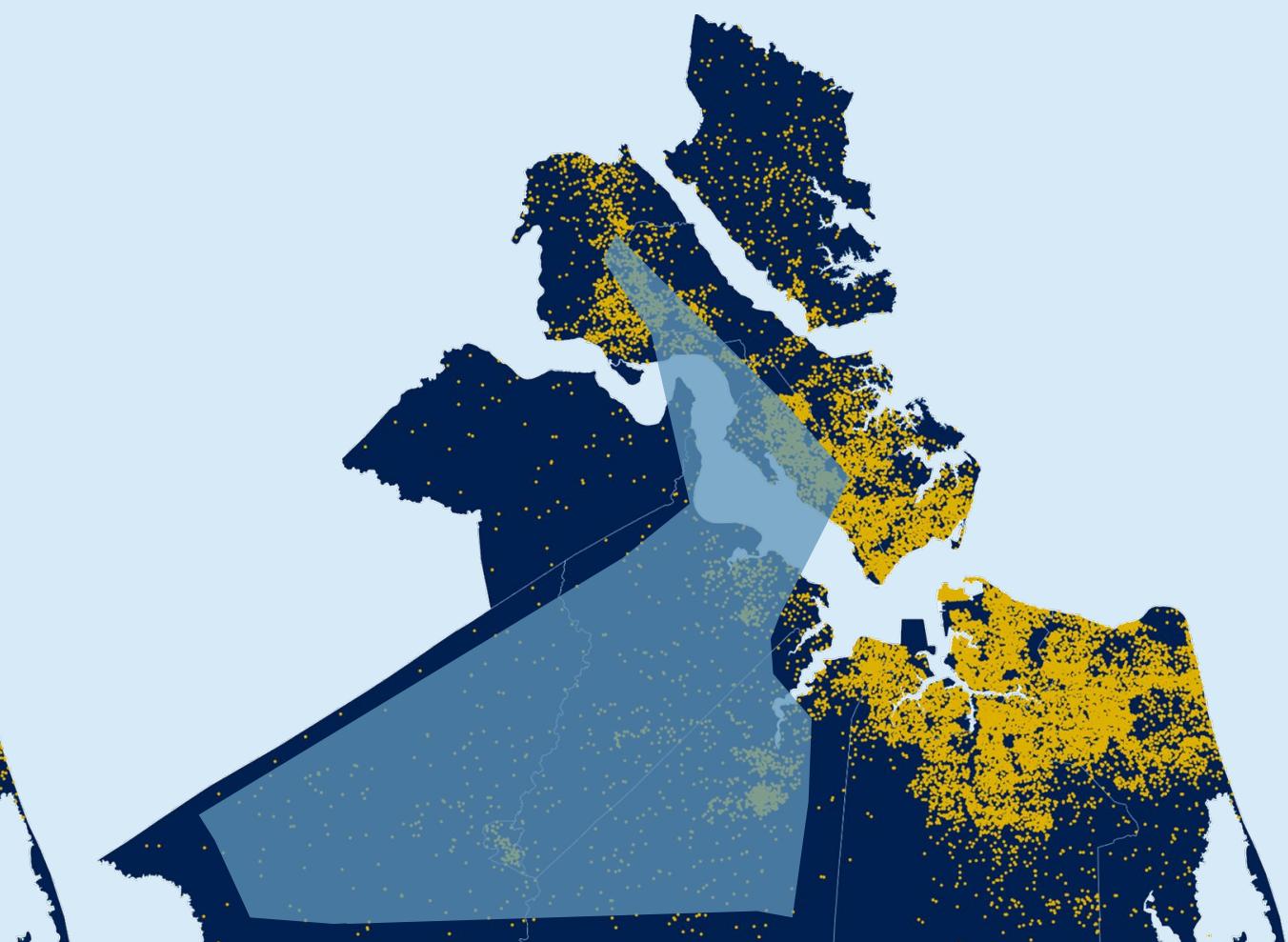
Greater Urban Growth



Greater Suburban Growth



Greater Inland/Westward Growth



Growth Pattern Examples

Scenario Measures



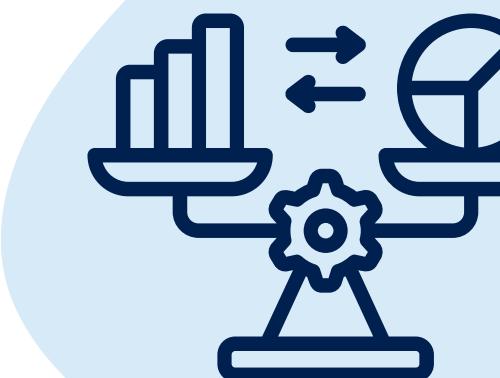
Forecasted Population and Employment



Forecasted Travel/Ridership



Future Impacts to Congestion



Forecasted Reduction in Travel Time and Delay



Resiliency (Forecasted Vulnerability and Accessibility)

2050 LRTP Committed Projects

- Fully funded for construction in VDOT or HRTAC Six-Year Funding Program.**
- Automatically included in the 2050 LRTP (not evaluated with Prioritization Tool).**

2050 LRTP COMMITTED PROJECTS (no prioritization score)								
2050 ID	LOCALITY	PROJECT NAME	FROM	TO	PROJECT CATEGORY	PROJECT DESCRIPTION	EXISTING LANES	PROPOSED LANES
2050-1	Multi-jurisdictional	I-64 Widening Including Hampton Roads Bridge Tunnel	I-664 (Hampton Coliseum)	I-664	Bridge/Tunnel	Widen from 4 to 6 lanes including 1 full-time HOT and 1 part-time HOT shoulder	4/6	6/8
2050-2	Multi-jurisdictional	I-64 Peninsula Widening - Segment 4	1.35 miles west of Route 199, Lightfoot (Exit 234)	Hampton Roads MPA Boundary	Highway	Widen from 4 to 6 lanes	4	6
2050-3	Multi-jurisdictional	I-64/I-264 Interchange Improvements - Phase IIIA	N/A	N/A	Interchange	Construct bridges I-64 Eastbound over Kempsville Road and Virginia Beach Boulevard, and I-264 Eastbound over Newtown Road; Widen I-64 Eastbound by 1-2 lanes from Northampton Boulevard entrance ramp and I-264 Eastbound by one lane to merge with mainline.	N/A	N/A
2050-4	Multi-jurisdictional	Hampton Roads Express Lanes Network	Jefferson Ave	Bowers Hill	Highway	Construct regional High Occupancy Toll (HOT) system by converting High Occupancy Vehicle (HOV) lanes or constructing new lanes	0/2	2/4
2050-5	Multi-jurisdictional	Chesapeake Bay Bridge-Tunnel: Parallel Thimble Shoal Tunnel Widening	Virginia Beach	Northampton County	Bridge/Tunnel	New parallel 2-lane tunnel across Thimble Shoal Channel	2	4
2050-6	Multi-jurisdictional	Wythe Creek Rd Widening	Garys Chapel Rd	Commander Shepard Blvd	Highway	Widening from 2 to 3 lanes	2	3
2050-8	Multi-jurisdictional	Hampton Roads Regional Transit System - 757 Express	N/A	N/A	Transit	Enhanced service for 757 Express	N/A	N/A
2050-9	Chesapeake	Deep Creek Bridge Replacement and George Washington Hwy/Moses Grandy Trl Intersection Improvements	Mill Creek Pkwy	Diamond Ave	Bridge/Tunnel	Replace bridge and improve approaching roadways	2	5
2050-10	Chesapeake	Elbow Rd Widening - Phase I West	Centerville Trpk	Virginia Beach CL	Highway	Widening of Elbow Rd along existing alignment from 2 to 4 lanes from Centerville Trpk to Virginia Beach CL to include bike/ped facilities. Right of Way being purchased in advance.	2	4
2050-11	Chesapeake	George Washington Hwy (US 17) Widening	Yadkin Rd	Canal Dr	Highway	Widen from 2 to 4 lanes and will improve pedestrian accommodations	2	4
2050-12	Chesapeake	I-64 (Exit 29)/I-464 Flyover Interchange Improvements	I-64 EB	Route 168 SB	Interchange	Improve interchange configuration via an I-64 Eastbound flyover to Southbound Route 168	N/A	N/A
2050-13	Chesapeake	Mt. Pleasant Rd/Great Bridge Bypass Interchange Improvements	N/A	N/A	Interchange	Interchange improvements along corridor	N/A	N/A
2050-256A	Isle of Wight County	US 17/Carrollton Blvd Widening - Phase II	Rte 258/Brewers Neck Blvd	US 258 Rte 669/Smiths Neck Rd	Highway	Widen SB direction from 2 to 3 lanes	4	5
2050-14	James City County	Croaker Rd Widening	Richmond Rd (US 60)	Rochambeau Rd	Highway	Widen from 2 to 4 lanes	2	4
2050-15	James City County	Longhill Road Shared Use Path	Depue Drive	Longhill Road	Active Transportation	Extension of the Longhill Road shared use path to connect to the existing path along Depue Drive.	N/A	N/A
2050-16	James City County	Pocahontas Trail Reconstruction	James City County Fire Station #2 (8429)	James River Elementary School (8901) Pocahontas Trail	Active Transportation	Construct 5 sidewalk and 5' paved shoulder with pedestrian lighting and bus pull-outs	N/A	N/A
2050-17	Newport News	J. Clyde Morris Blvd / George Washington Hwy (US 17) Widening	I-64	York CL	Highway	Widen from 4 to 6 lanes to improve Interstate access from York County	4	6
2050-26	Suffolk	Shoulders Hill Rd Widening - Phase II & III	Laycock Ln	Pughville Rd	Highway	Project will widen Shoulders Hill Road from 2 to 4 lanes between Laycock Lane and Pughville Road	2	4
2050-31B	Suffolk	US 460 Corridor Improvements for Port 460	Suffolk Bypass	Lake Prince Dr	Highway	Widen from 4 to 6 lanes and redesign interchange for improved access to Port 460	4	6
2050-27	Suffolk	Regional Landfill (SPSA) Flyover	N/A	N/A	Interchange	Construct interchange at regional landfill to improve safety along US 460/58/13 corridor	N/A	N/A
2050-28	Suffolk	Nansemond Pkwy (Route 337)/Wilroy Rd Railroad Overpass	N/A	N/A	Intermodal/ Freight	Roadway-rail grade separation	N/A	N/A
2050-29	Virginia Beach	Centerville Turnpike Widening - Phase III	Chesapeake CL	Kempsville Rd	Highway	Widen from 2 to 4 lanes	2	4

2050 ID	LOCALITY	PROJECT NAME	FROM	TO	PROJECT CATEGORY	PROJECT DESCRIPTION	EXISTING LANES	PROPOSED LANES
2050-26	Suffolk	Shoulders Hill Rd Widening - Phase II & III	Laycock Ln	Pughville Rd	Highway	Project will widen Shoulders Hill Road from 2 to 4 lanes between Laycock Lane and Pughville Road	2	4
2050-31B	Suffolk	US 460 Corridor Improvements for Port 460	Suffolk Bypass	Lake Prince Dr	Highway	Widen from 4 to 6 lanes and redesign interchange for improved access to Port 460	4	6
2050-27	Suffolk	Regional Landfill (SPSA) Flyover	N/A	N/A	Interchange	Construct interchange at regional landfill to improve safety along US 460/58/13 corridor	N/A	N/A
2050-28	Suffolk	Nansemond Pkwy (Route 337)/Wilroy Rd Railroad Overpass	N/A	N/A	Intermodal/ Freight	Roadway-rail grade separation	N/A	N/A
2050-29	Virginia Beach	Centerville Turnpike Widening - Phase III	Chesapeake CL	Kempsville Rd	Highway	Widen from 2 to 4 lanes	2	4

Prioritization Scores: Organization

Project Utility	Economic Vitality	Project Viability	Total Score
100 Points	100 Points	100 Points	300 Points

Top scoring projects in each component indicated by darker highlight

Ranked by Total Score

2050 ID	PROJECT NAME	FROM	TO	LOCALITY	PROJECT UTILITY	ECONOMIC VITALITY	PROJECT VIABILITY	GRAND TOTAL SCORE
2050-702	South Hampton Roads Trail - Suffolk to Virginia Beach Oceanfront	Downtown Suffolk	Virginia Beach	Multi-jurisdictional	90	90	62	242
2050-740	Virginia Beach Trail	Newtown Rd	Rudee Loop	Virginia Beach	79	100	55	234
2050-703	Trail757 (FKA Birthplace of America Trail/Virginia Capital Trail Extension)	Existing Virginia Capital Trail	Fort Monroe and Downtown Suffolk	Multi-jurisdictional	82	85	55	222
2050-700	Chesapeake Bay Southside Loop	Hampton Blvd	Virginia Beach Trail/Norfolk Ave	Multi-jurisdictional	76	85	39	200
2050-740E	Virginia Beach Trail Phase V	Birdneck Rd	Rudee Loop	Virginia Beach	62	67	70	199
2050-720	Granby Street Multi-Use Path/Bike Lanes	W Ocean View Ave	Existing Path on Lafayette River Bridge	Norfolk	67	90	40	197
2050-738	Thalia Creek Greenway - Phase V	Virginia Beach Trail	Virginia Beach Blvd	Virginia Beach	59	75	61	195

DRAFT Scores: Highway

180 Highway projects evaluated. Only showing Top Scoring projects by system.

2050 ID	PROJECT NAME	FROM	TO	LOCALITY	PROJECT UTILITY	ECONOMIC VITALITY	PROJECT VIABILITY	GRAND TOTAL SCORE
INTERSTATE								
2050-205	I-664 Peninsula Widening	Hampton Coliseum	Terminal Ave	Multi-jurisdictional	75	87	29	191
2050-206	I-664 Southside Widening	College Dr	Bowers Hill	Multi-jurisdictional	66	77	42	185
2050-240	VA-168 Bypass Widening	I-64	Hillcrest Pkwy	Chesapeake	67	74	36	177
2050-346	I-264 Widening (Virginia Beach)	Witchduck Rd	Independence Blvd	Virginia Beach	55	78	43	176
PRIMARY								
2050-256	US 17/Carrollton Blvd Widening	James River Bridge	Smiths Neck Rd	Isle of Wight County	70	65	58	193
2050-212	VA-164 Widening	West Norfolk Bridge	I-664	Multi-jurisdictional	69	61	37	167
2050-303	Bridge Rd (US 17) Widening - Phase 2	Mills Godwin Bridge	Chesapeake CL	Suffolk	60	60	45	165
SECONDARY								
2050-385	Commonwealth Dr Extension	G.W. Mem Hwy (US 17)/Coventry Boulevard	Commonwealth Dr	York County	54	28	48	130
2050-258	Longhill Rd Widening - Phase 2	Olde Towne Rd	Warhill Trail	James City County	44	23	39	106
URBAN								
2050-350	Indian River Rd Widening - Phase II	Centerville Tpk	Ferrell Pkwy	Virginia Beach	71	50	38	159
2050-349	Indian River Rd Widening - Phase I	I-64	Centerville Tpk	Virginia Beach	55	52	47	154

DRAFT Scores: Interchange

27 Interchange projects evaluated. Only showing Top Scoring projects by system.

2050 ID	PROJECT NAME	FROM	TO	LOCALITY	PROJECT UTILITY	ECONOMIC VITALITY	PROJECT VIABILITY	GRAND TOTAL SCORE
INTERSTATE								
2050-34	I-264/Independence Blvd Interchange Improvements	N/A	N/A	Virginia Beach	83	80	51	214
2050-404	I-64/I-264 Interchange Improvements - Phase IIIF	N/A	N/A	Multi-jurisdictional	73	85	45	203
2050-407	I-64/I-464 Interchange Improvements - Phase A	N/A	N/A	Chesapeake	69	79	50	198
2050-406	Bowers Hill Interchange Improvements	N/A	N/A	Chesapeake	73	69	50	192
2050-422	I-64/I-464 Interchange Improvements - Phase B	N/A	N/A	Chesapeake	71	74	46	191
2050-403	I-64/I-264 Interchange Improvements - Phase IIIE	N/A	N/A	Multi-jurisdictional	60	84	45	189
2050-400	I-64/I-264 Interchange Improvements - Phase IIIB	N/A	N/A	Multi-jurisdictional	54	88	46	188
2050-402	I-64/I-264 Interchange Improvements - Phase IIID	N/A	N/A	Multi-jurisdictional	53	86	46	185
2050-19A	I-64/Denbigh Blvd Interchange - Phase 2	N/A	N/A	Newport News	57	70	52	179
PRIMARY								
2050-419	Route 58/460 Interchange Improvements	N/A	N/A	Suffolk	55	53	33	141
2050-418	VIG Interchange Improvements	N/A	N/A	Portsmouth	38	41	31	110

DRAFT Scores: Bridge/Tunnel

6 Bridge/Tunnel projects evaluated.

2050 ID	PROJECT NAME	FROM	TO	LOCALITY	PROJECT UTILITY	ECONOMIC VITALITY	PROJECT VIABILITY	GRAND TOTAL SCORE
2050-101	James River Bridge Widening	Newport News	Isle of Wight County	Multi-jurisdictional	64	57	28	149
2050-102	Sidney Bertram Hazelwood Sr. Bridge Widening	Bush Creek Cir/Muddy Cove Cir	Tautog Rd	Multi-jurisdictional	38	65	38	141
2050-105	Mills Godwin Bridge Widening	Quail Hollow	Waterview Rd	Suffolk	44	60	31	135
2050-104	Kings Hwy Bridge Replacement	Godwin Blvd (Rte 10)	Kings Hwy	Suffolk	52	45	35	132
2050-103	Upper James River Bridge	James City County/Lower Peninsula	Surry County	Multi-jurisdictional	59	59	9	127
2050-100	Chesapeake Bay Bridge-Tunnel: Parallel Chesapeake Tunnel	Virginia Beach	Northampton County	Multi-jurisdictional	35	37	41	113

DRAFT

Scores: Intermodal/Freight

17 Intermodal/Freight projects evaluated. Only showing Top Scoring projects.

2050 ID	PROJECT NAME	FROM	TO	LOCALITY	PROJECT UTILITY	ECONOMIC VITALITY	PROJECT VIABILITY	GRAND TOTAL SCORE
2050-508	Hampton Boulevard/Terminal Boulevard Railroad Overpass	N/A	N/A	Norfolk	80	80	33	193
2050-512	George Washington Hwy Railroad Overpass	N/A	N/A	Portsmouth	87	54	24	165
2050-502	Freeman Ave Railroad Overpass	N/A	N/A	Chesapeake	54	49	52	155
2050-507	Granby Street Railroad Overpass	N/A	N/A	Norfolk	66	63	22	151
2050-509	Little Creek Rd Railroad Overpass	N/A	N/A	Norfolk	66	63	22	151
2050-511	Craney Island Access Rd	VA 164 and Median Rail	Future Craney Island Marine Terminal	Portsmouth	63	53	32	148
2050-504	Portlock Rd Railroad Overpass	N/A	N/A	Chesapeake	70	40	35	145
2050-513	Finney Ave Flyover	Pinner St	Route 13/337 E Washington St	Suffolk	66	47	29	142
2050-501	VA-164 Extension	I 664 / Pughsville Road Interchange	Suffolk Bypass	Multi-jurisdictional	46	76	20	142
2050-500	Container only tunnel near NIT	NIT	Craney Island	Multi-jurisdictional	63	62	16	141

DRAFT Scores: Transit

21 Transit projects evaluated. Only showing Top Scoring projects by system.

2050 ID	PROJECT NAME	FROM	TO	LOCALITY	PROJECT UTILITY	ECONOMIC VITALITY	PROJECT VIABILITY	GRAND TOTAL SCORE
FIXED GUIDEWAY TRANSIT								
2050-608	Peninsula Bus Rapid Transit	Hampton	Newport News	Multi-jurisdictional	74	85	50	209
2050-616	Naval Station Norfolk Transit Extension - Phase I (Tide Light Rail extension)	Newtown Road Station	Military Circle Mall Redevelopment area	Norfolk	85	70	45	200
2050-617	Naval Station Norfolk Transit Extension - Phase II	Military Circle Mall Redevelopment area	Naval Station Norfolk	Norfolk	80	82	35	197
2050-614	High-Capacity Transit Extension to Greenbrier	Downtown Norfolk	Greenbrier Area	Chesapeake	76	81	36	193
2050-606	I-264 Corridor High-Capacity Transit	Newtown Road LRT Station	Oceanfront	Multi-jurisdictional	87	85	14	186
MARITIME TRANSIT								
2050-601	Ferry Service between Southside and Peninsula	Southside	Peninsula	Multi-jurisdictional	78	73	29	180
2050-604	Washington DC/Norfolk Passenger Fast Ferry	Norfolk	Washington D.C.	Multi-jurisdictional	69	84	21	174
2050-612	Southside Passenger Ferry Service	Existing Service Locations	Various Locations	Multi-jurisdictional	58	77	16	151
RAIL TRANSIT								
2050-605	Higher-Speed Richmond/Norfolk Passenger Rail (Preferred Alternative 1)	Norfolk	Richmond	Multi-jurisdictional	70	81	43	194
2050-619	Suffolk Amtrak Station	N/A	N/A	Suffolk	72	44	36	152
OTHER TRANSIT								
2050-611	Regional Air Taxi System	N/A	N/A	Multi-jurisdictional	62	62	32	156

DRAFT Scores: Active Transportation

48 Active Transportation projects evaluated. Only showing Top Scoring projects.

2050 ID	PROJECT NAME	FROM	TO	LOCALITY	PROJECT UTILITY	ECONOMIC VITALITY	PROJECT VIABILITY	GRAND TOTAL SCORE
2050-702	South Hampton Roads Trail - Suffolk to Virginia Beach Oceanfront	Downtown Suffolk	Virginia Beach	Multi-jurisdictional	90	90	62	242
2050-740	Virginia Beach Trail	Newtown Rd	Rudee Loop	Virginia Beach	79	100	55	234
2050-703	Trail757 (FKA Birthplace of America Trail/Virginia Capital Trail Extension)	Existing Virginia Capital Trail	Fort Monroe and Downtown Suffolk	Multi-jurisdictional	82	85	55	222
2050-700	Chesapeake Bay Southside Loop	Hampton Blvd	Virginia Beach Trail/Norfolk Ave	Multi-jurisdictional	76	85	39	200
2050-740E	Virginia Beach Trail Phase V	Birdneck Rd	Rudee Loop	Virginia Beach	62	67	70	199
2050-720	Granby Street Multi-Use Path/Bike Lanes	W Ocean View Ave	Existing Path on Lafayette River Bridge	Norfolk	67	90	40	197
2050-738	Thalia Creek Greenway - Phase V	Virginia Beach Trail	Virginia Beach Blvd	Virginia Beach	59	75	61	195
2050-740D	Virginia Beach Trail Phase IV	London Bridge Rd	Birdneck Rd	Virginia Beach	64	76	52	192
2050-740C	Virginia Beach Trail Phase III	South Plaza Trail	London Bridge Rd	Virginia Beach	62	86	43	191
2050-718	Hampton Blvd/Little Creek Rd Bike Path	Elizabeth River Trail at Cloncurry Rd	Shore Dr	Norfolk	70	82	39	191

DRAFT Scores Review Portal

Hampton Roads 2050 Long-Range Transportation Plan
DRAFT Project Prioritization Scores Review Portal

Welcome to the Hampton Roads 2050 Long-Range Transportation Plan
DRAFT Project Prioritization Scores Review Portal

This portal provides an interactive way to explore the **DRAFT Project Prioritization Scores** for candidate transportation projects being considered for the fiscally constrained Hampton Roads 2050 Long-Range Transportation Plan (LRTP).

What This Portal Includes:

- An interactive map of candidate projects with DRAFT project prioritization scores
- Summary information for each project

(scroll to the bottom for the link to the interactive review portal)

HRTPO Project Prioritization Process

As part of developing the 2050 LRTP, HRTPO uses the [Project Prioritization Tool](#) to evaluate and score candidate projects. This objective, data-driven process helps decision-makers identify which projects offer the greatest benefit to the region, are most ready for implementation, and make the most effective use of available funding.

- Congestion & Reliability
- Travel Time & Delay Impacts
- Environmental Quality/Impacts

DRAFT Scores Review Portal

Hampton Roads 2050 Long-Range Transportation Plan
DRAFT Project Prioritization Scores Review Portal

Welcome to the Hampton Roads 2050 Long-Range Transportation Plan DRAFT Project Prioritization Scores Review Portal

This portal provides an interactive way to explore the **DRAFT Project Prioritization Scores** for candidate transportation projects being considered for the fiscally constrained Hampton Roads 2050 Long-Range Transportation Plan (LRTP).

What This Portal Includes:

- An interactive map of candidate projects with DRAFT project prioritization scores
- Summary information for each project

(scroll to the bottom for the link to the interactive review portal)

HRTPO Project Prioritization Process

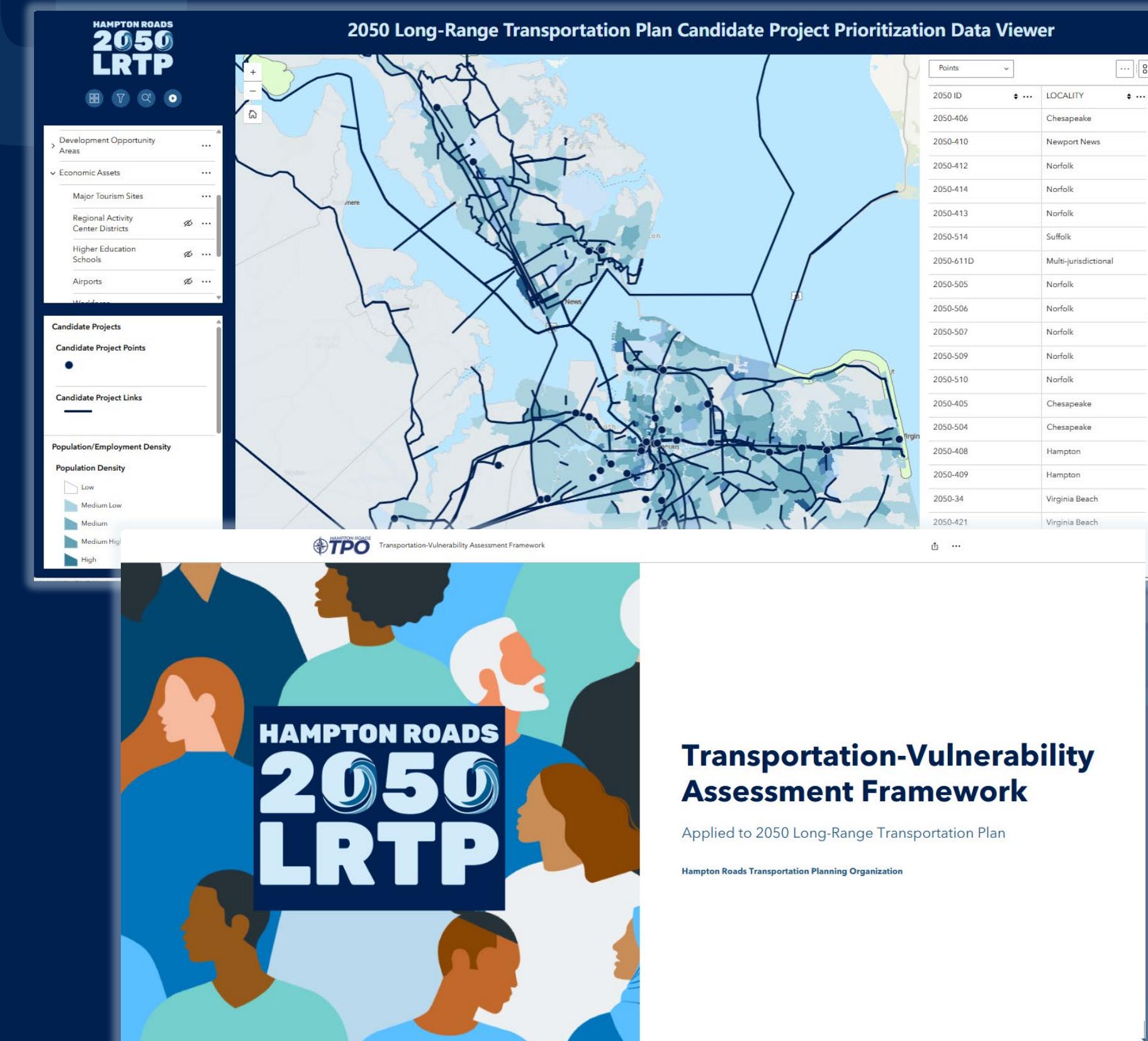
As part of developing the 2050 LRTP, HRTPO uses the [Project Prioritization Tool](#) to evaluate and score candidate projects. This objective, data-driven process helps decision-makers identify which projects offer the greatest benefit to the region, are most ready for implementation, and make the most effective use of available funding.



Ability to solve a transportation problem

Potential for economic gain

Project readiness and compatibility



Prioritization Scoring Spreadsheet

Background Information - Highway Projects															
2050 Project ID	2045 Project ID	Project Name	From	To	Jurisdiction (Primary)	Project Purpose	Length (miles)	Existing Facility	Existing Lanes	Proposed Lanes	Existing Function Class	Proposed Function Class	Forecasted Daily VMT	INRIX Data (Yes/No)	Existing V/C Ratio
2050-256	2045-157	US 17/Carrollton Blvd Widening	James River Bridge	US 258/Rte 669/Smiths Neck Rd	Isle of Wight County	Add lane in southbound direction	1.54	Yes	4	5	Principal Arterial	Principal Arterial	81,179	Yes	0.30
2050-205	2045-110	I-664 Peninsula Widening	Hampton Coliseum	Terminal Ave	Multi-jurisdictional	Widen I-664 from six lanes to eight lanes from Hampton Coliseum to Terminal Ave for additional capacity and congestion relief (extension of Hampton Roads Express Lanes)	5.20	Yes	6	8	Interstate	Interstate	483,826	Yes	0.65
2050-206	2045-308	I-664 Southside Widening	College Dr	Bowers Hill	Multi-jurisdictional	Improve interchange to provide congestion relief and improve safety. EIS preferred alternative (Alternative C) adds 1 Mainline (ML) + 1 Part-Time Drivable Shoulder (PTDS) to I-664. MLs continue through Bowers Hill interchange.	7.11	Yes	4/6	6	Interstate	Interstate	742,504	Yes	0.83
2050-240	2045-129	VA-168 Bypass Widening	I-64	Hillcrest Pkwy	Chesapeake	Widen to 8-lanes between I-64 & Mount Pleasant Rd (Exit 11), building parallel 4-lane bridge over Intracoastal Waterway, then to 6-lanes between Mount Pleasant Rd & Hillcrest Pkwy (Exit 8)	8.26	Yes	4	6/8	Interstate	Interstate	646,486	Yes	0.71
2050-346	2045-232	I-264 Widening (Virginia Beach)	Witchduck Rd	Independence Blvd	Virginia Beach	Widen Interstate with one additional travel lane in each direction and the conversion of the shoulder lane into travel lane	1.26	Yes	6/8	8/10	Interstate	Interstate	194,960	Yes	1.07
2050-203	2045-104	I-264 Widening (Norfolk/Virginia Beach)	Norfolk	Virginia Beach	Multi-jurisdictional	Widen and reconfigure I-264 from 8 lanes to 10 lanes or 12 lanes (combination of General Purpose lanes and HOV/HOT lanes). Provide interchange improvements at every interchange	16.56	Yes	8	10 or 12	Interstate	Interstate	2,572,644	Yes	0.80
2050-212	2045-119	VA-164 Widening	West Norfolk Bridge	I-664	Multi-jurisdictional	Widening from 4 to 6 lanes	2.35	Yes	4	6	Principal Arterial	Principal Arterial	100,674	Yes	0.70
2050-303	2045-204	Bridge Rd (US 17) Widening - Phase 2	Mills Godwin Bridge	Chesapeake CL	Suffolk	Improvements include 4 to 6 lane widening, turn lanes, and bike/pedestrian accommodations	4.74	Yes	4	6	Principal Arterial	Principal Arterial	318,504	Yes	0.72
2050-350	2045-235	Indian River Rd Widening - Phase II	Centerville Tpk	Ferrell Pkwy	Virginia Beach	Widen from 6 to 8 lanes to relieve congestion on nearby roadways	1.06	Yes	6	8	Principal Arterial	Principal Arterial	82,663	Yes	1.19
2050-201		I-264 Express Lanes (Norfolk/Virginia Beach)	I-64	Oceanfront	Multi-jurisdictional	Extend the Hampton Roads Express Lanes Network along the I-264 Corridor	12.11	Yes	0	2	Interstate	Interstate	1,963,274	Yes	0.79
2050-389	2045-268	J. Clyde Morris Blvd/George Washington Memorial Hwy (US 17) Widening	Newport News CL	Route 134/Hampton Hwy Flyover	York County	Widening from 4 lanes to 6 lanes	2.01	Yes	4	6	Principal Arterial	Principal Arterial	129,360	Yes	0.87
2050-243	2045-151	George Washington Memorial Hwy (US 17) I-1 Widening	Farmwood Rd	Main St (@ Walmart)	Gloucester County	Widen from 4 to 6 lanes	10.32	Yes	4	6	Principal Arterial	Principal Arterial	744,212	Yes	0.85
2050-349	2045-236	Indian River Rd Widening - Phase I	I-64	Centerville Tpk	Virginia Beach	Widen from 8 to 10 lanes	0.55	Yes	8	10	Principal Arterial	Principal Arterial	46,992	Yes	1.16
2050-317	2045-210	Route 58/Suffolk Bypass Widening	Terminus west of SPSA landfill/ HR Executive Airport	US 460 Interchange	Suffolk	Widening from 4 to 6 lanes	6.00	Yes	4	6	Interstate	Interstate	406,910	Yes	0.83

<

Highway_Inputs

Interchange Inputs

BridgeTunnel_Inputs

IntermodalFreight_Inputs

Weighting Factors

Reference

+

Zoom

Zoom level. Click to open the Zoom dialog box.

Description of Calculations



Methodology of Applying the HRTPO Project Prioritization Tool to the Scoring of 2050 Long-Range Transportation Plan Candidate Projects

Description of Calculations: Project Utility, Economic Vitality, and Project Viability

October 2025



Project Utility – Roadways

Congestion Level (Highway and Bridge/Tunnel)

(a) Percent Reduction between Existing and Future V/C Ratios
(Existing V/C-Future V/C)/Existing V/C

For new roadways: Existing V/C and Future V/C of parallel facility

(b) Existing Peak Period Congestion Level (TTI) and Existing Peak Period Level of Service (No Inrix Data)

Congestion levels were determined using the travel time index (TTI) for roadways with INRIX data and using Level of Service for roadways where INRIX data is not available. The travel time index is a ratio that compares travel times on a particular roadway segment during peak travel periods with travel times during uncongested, free-flow conditions. The higher the travel time index, the more congested the roadway is.

HRTPO uses the following thresholds to determine congestion levels based on the travel time index:

Travel Time Index	Freeway	Arterials
Low	TTI < 1.15	TTI < 1.25
Moderate	1.15 ≤ TTI < 1.30	1.25 ≤ TTI < 1.40
Severe	TTI ≥ 1.30	TTI ≥ 1.40

Level of service is a measure used to describe congestion levels based on Highway Capacity Manual analysis methods. Congestion levels based on Levels-of-Service are shown in the following table:

Congestion Level	HCM LOS
Low	A-C
Moderate	D
Severe	E-F

The worst TTI and LOS during the day for that roadway segment is used, regardless of direction or peak period.

Economic Vitality – Transit

Labor Market Access

(a) Increases Access for Major Employment Centers

TAZs within $\frac{1}{2}$ mile of transit alignment identified. HRTPO Board approved 2050 forecasted total employment for the Baseline and three Greater Growth scenarios were summed for these TAZs.

Points awarded on a sliding scale 0-20 points:

20 Points (max): Total Employment $\geq 120,000$
0 Points: Total Employment $\leq 10,000$

(b) Increases Frequency of Service

New LRT, Fixed Guideway, and Ferry projects automatically increase frequency of transit service; bus transfer stations do not.

Addresses the Needs of Basic Sector Industries

(a) Improves Access to Major Military Bases

"Major" based on DOD report ("Base Structure Report", DOD, 2014). Nine (9) facilities have much higher employment than the rest.

Major Military Facilities:

1. Darn Neck
2. Fort Eustis
3. Fort Story
4. Langley AFB
5. Little Creek Naval Amphibious Base
6. Naval Medical Center Portsmouth
7. Norfolk Naval Shipyard
8. Norfolk Naval Base
9. Oceana Naval Air Station

Project Viability – All Project Categories

Project Readiness

(a) Percent of Committed Funding
0-100%. Provided by stakeholders.

(b) Prior Commitment

Prior commitment for Roadway Projects is inclusion in currently adopted LRTP.
Prior commitment for Transit Projects is inclusion in currently adopted LRTP or Transit Vision Plan.
Prior commitment for Active Transportation Projects is inclusion in currently adopted LRTP or local Comprehensive Plan.
Yes/No. Provided by stakeholders.

(c) Percentage of Project Design Complete
0-100%. Provided by stakeholders.

(d) Environmental Documents Status

Full (NEPA has been completed), Partial (NEPA has been initiated), None. Provided by stakeholders.

(e) Environmental Decisions Obtained

Yes/No. Provided by stakeholders.

(f) ROW Obtained/Utilities Coordinated

Full (both ROW and Utilities have been coordinated), Partial (either ROW or Utilities have been coordinated), None. Provided by stakeholders.

Land Use/Future Development Compatibility

Compatible and Officially Documented (by an elected body), Compatible but Not Officially Documented, Not Compatible. Provided by stakeholders.

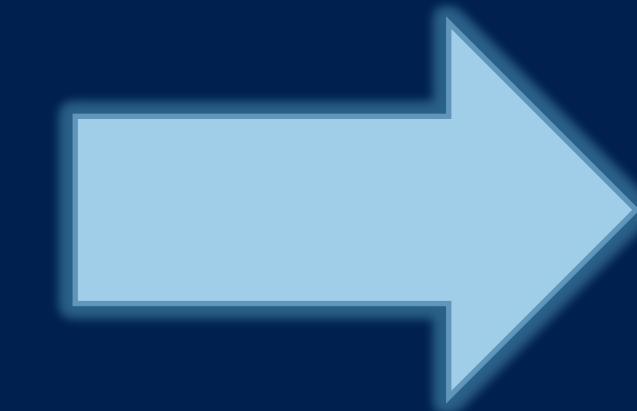
Review Process



- ✓ **LRTP**
- TTAC
- CAC
- FTAC
- ATS
- **Transit Stakeholders**
- **Others?**



Public Review - December



Fiscal Constraint - January

Remaining Tasks

2050 LRTP

JAN - OCT



Prioritization

OCT - NOV



Review of Draft Scores

JAN



Board Approval of Scores

LRTP Sub - Draft Fiscal Constraint

FEB



Review of Draft Fiscally Constrained List of Projects

FEB



30-Day Public Review of FC List

MAR



TTAC and Board Approval of FC List

MAR - MAY



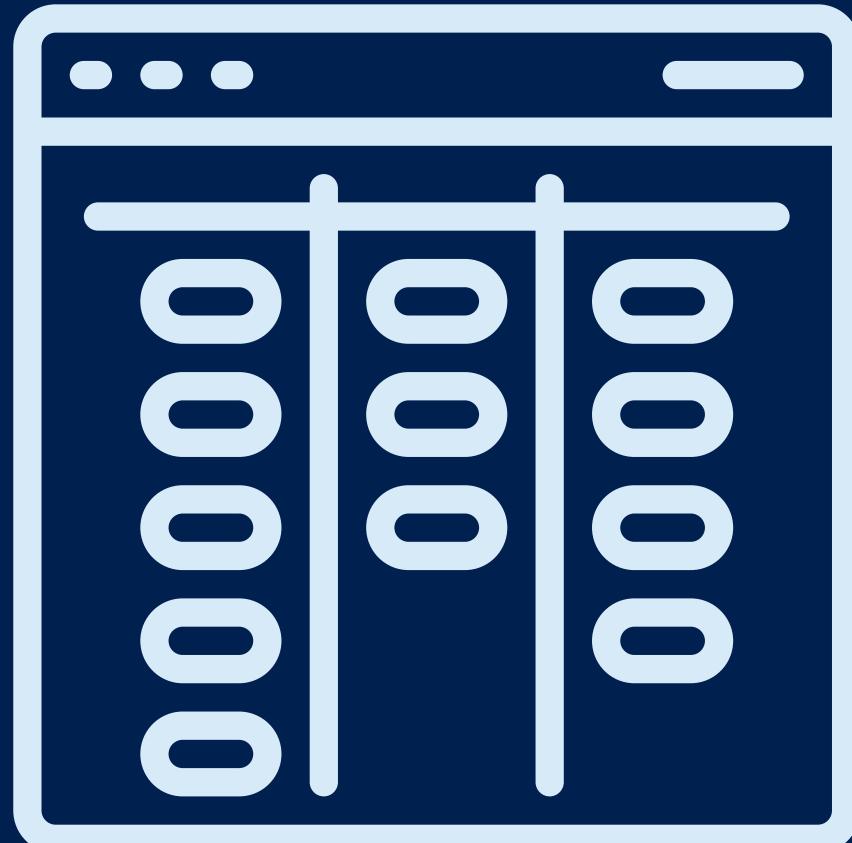
Regional Conformity Assessment

MAY



Board Adoption of 2050 LRTP

Requested Feedback



- Review Draft Prioritization Scores and provide feedback (dstith@hrtpo.org) by Tuesday, **November 25, 2025**