

RIDOT's 10-Year Plan and STIP Process

November 10, 2021



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Advancing transportation
> Rhode Island



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Sustainable Economic Growth
& Quality of Place



State of Rhode Island
Department of Administration

Today's Speaker



Pamela Cotter

Acting Administrator of Planning, RIDOT



RIDOT's 10-Year Plan and STIP Process

November 10, 2021

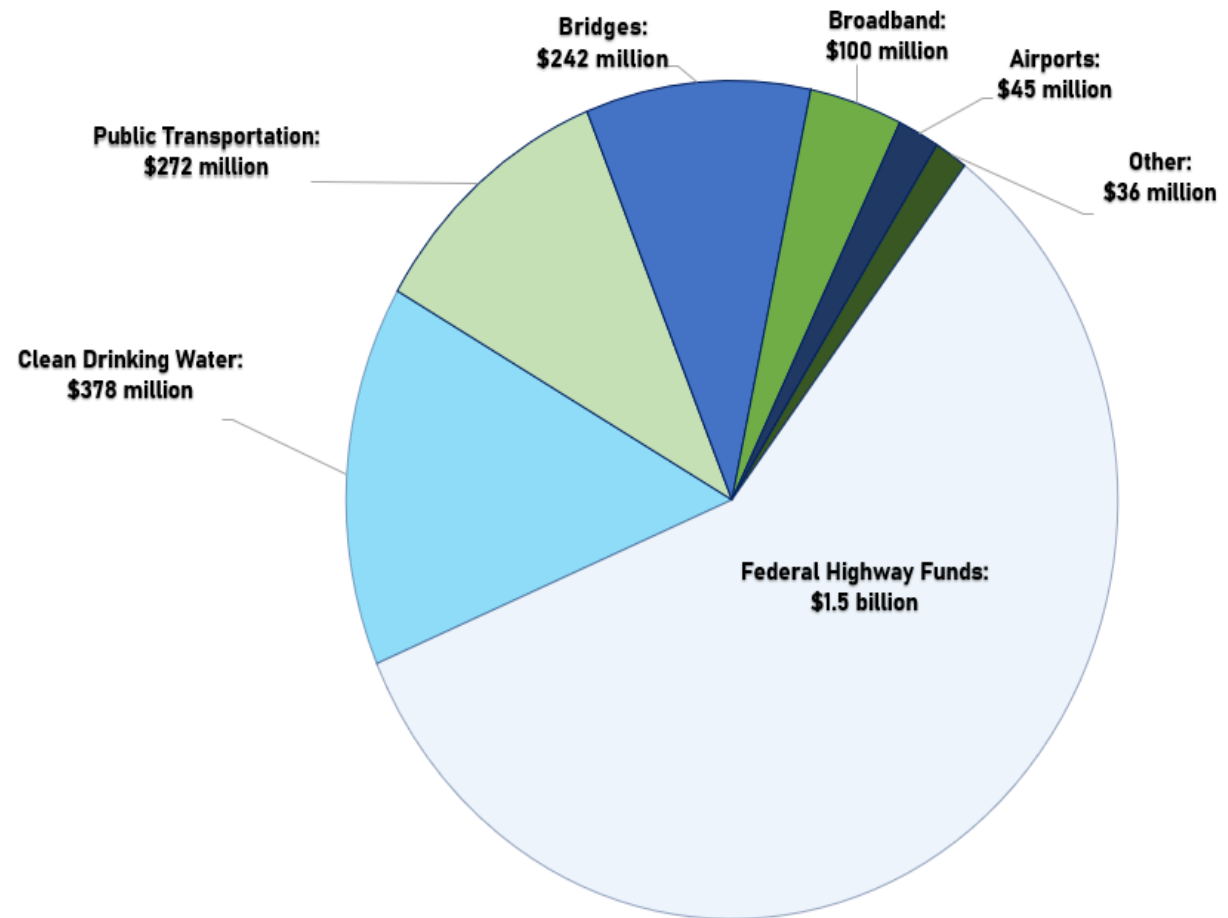


What's in the New Infrastructure Package for Rhode Island

- \$50 million/year in new federal formula funds for roads and bridges over the next 5 years –\$1.5 billion total through 2026
- \$48 million/year in new bridge formula funds
- \$4.5 million for Electric Vehicle (EV) charging infrastructure
- \$10 million for transit
- Additional discretionary grant opportunities

Rhode Island's Share of the Infrastructure Investment and Jobs Act (IIJA)

Rhode Island is expected to receive about \$8.5 billion over five years, with the potential to secure additional funds through competitive grant programs



SOURCE: White House

- RIDOT's 10-Year Plan started as a way to stimulate economic growth and rebuilding the state's crumbling infrastructure.
- Road, bridge, active and other transportation projects are programmed into the plan using a data-driven, asset-management methodology as a result of RhodeWorks legislation.



RIDOT's 10-Year Plan is the Major Component of the STIP

State Transportation Improvement Program (STIP)

- Federally required
- The means of allocating transportation resources among the various capital, management, and operating investment needs of the State
- Projects reflect investment priorities and performance targets outlined by the State planning process
- Includes all projects receiving Federal funding
- First 4 years must be fiscally constrained

RIDOT Pavement Program

TIP ID: 1290 PTSIDs: 0082N
 Project Name: RI-114, Wampanoag Trail (East Shore Expressway to Federal Rd) Responsible Agency: RIDOT

MUNICIPALITIES	DESCRIPTION
Barrington, East Providence	This line item involves resurfacing the roadway, complete sidewalk replacement and handicapped ramp installation.

DESIGN											
Funding	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	TOTAL
NHPP	\$0.320	\$0.640	-	-	-	-	-	-	-	-	\$0.960
RICAP Match	\$0.080	\$0.160	-	-	-	-	-	-	-	-	\$0.240
SUBTOTAL	\$0.400	\$0.800	-	-	-	-	-	-	-	-	\$1.200

CONSTRUCTION											
Funding	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	TOTAL
AugRed	-	\$7.200	-	-	-	-	-	-	-	-	\$7.200
RICAP Match	-	\$1.800	-	-	-	-	-	-	-	-	\$1.800
SUBTOTAL	-	\$9.000	-	-	-	-	-	-	-	-	\$9.000

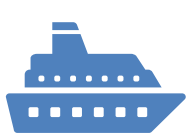
OTHER											
Funding	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	TOTAL
AugRed	-	-	\$0.080	\$0.080	-	-	-	-	-	-	\$0.160
RICAP Match	-	-	\$0.020	\$0.020	-	-	-	-	-	-	\$0.040
SUBTOTAL	-	-	\$0.100	\$0.100	-	-	-	-	-	-	\$0.200
TOTAL	\$0.400	\$9.800	\$0.100	\$0.100	-	-	-	-	-	-	\$10.400

ASSETS WITHIN RI-114, Wampanoag Trail (East Shore Expressway to Federal Rd)						
Asset Type	Asset ID	Asset Name	Facility Carried	Municipality	Treatment	SLR
Pavement	Pave_54	RI-114N (East Shore Expressway to Barrington T/L)	RI-114N Wampanoag Trail	East Providence	Level and Overlay	No
Pavement	Pave_5501	RI-114N (County Rd to East Providence T/L)	RI-114N Wampanoag Trail	Barrington	Level and Overlay	No
Pavement	Pave_56	RI-114S (East Shore Expressway to Barrington T/L)	RI-114S Wampanoag Trail	East Providence	Level and Overlay	No
Pavement	Pave_57	RI-114S (East Providence T/L to County Rd)	RI-114S Wampanoag Trail	Barrington	Level and Overlay	No

Transportation Projects Included in the STIP

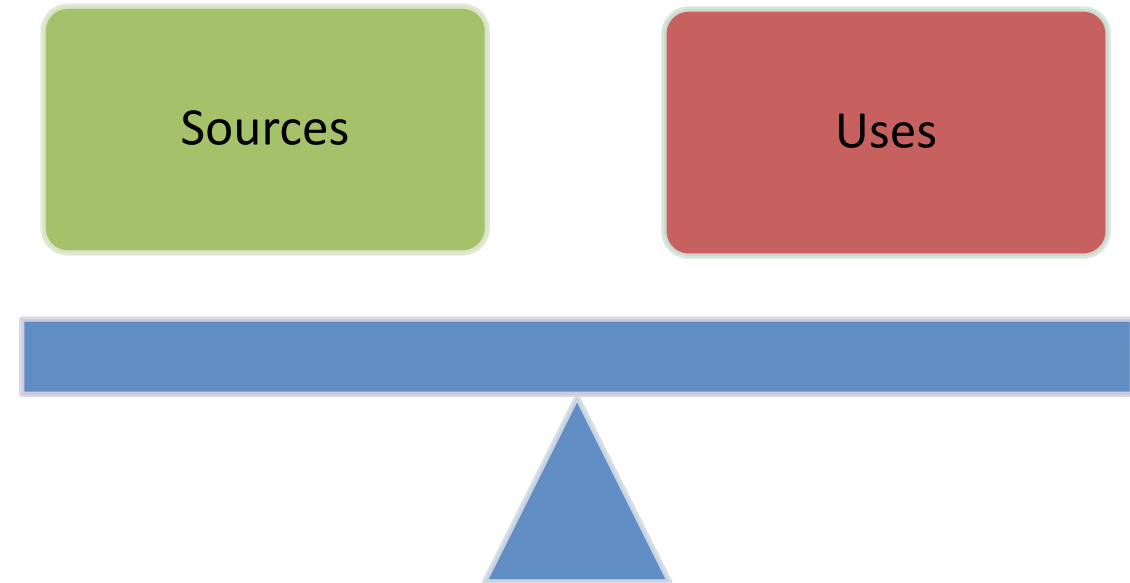
- Roads
- Bridges
- Bicycle & Pedestrian
- Highway Safety
- Highway Operations
- Highway Maintenance
- Drainage / Stormwater
- American with Disabilities Projects (ADA)
- Intelligent Transportation System (ITS)
- Transportation Air Quality programs (CMAQ)
- Freight Rail
- Rail Safety / Grade Crossings
- Transit Commuter Rail
- Transit Bus
- Ferries

Not included: Airport Facilities, municipal projects or non-federal aid eligible roads and RI Turnpike & Bridge Authority assets



Overview—Sources and Uses

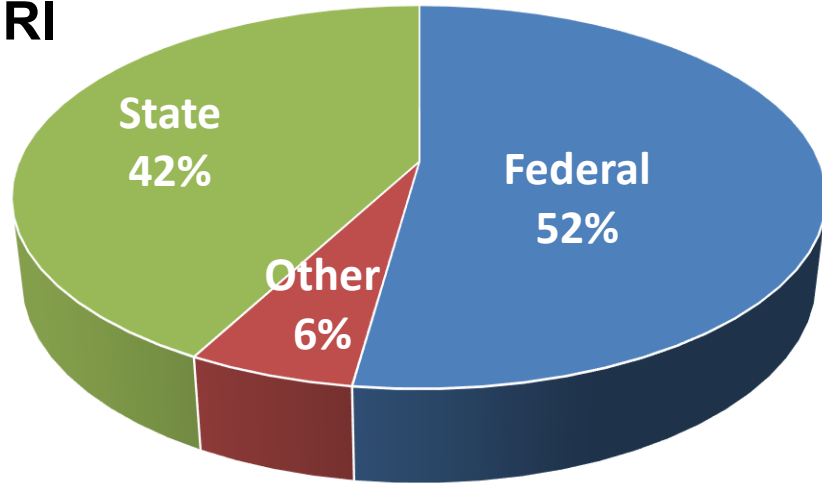
- The STIP consists of Sources and Uses
 - Sources
 - Reasonably expected to be available
 - All federal funds and required state match
 - Uses
 - Listed by phase within projects
 - Projects are grouped by Program
- Fiscal Constraint
 - First 4 Years are the “Constrained Period”
 - Constrained Period sources and uses balance



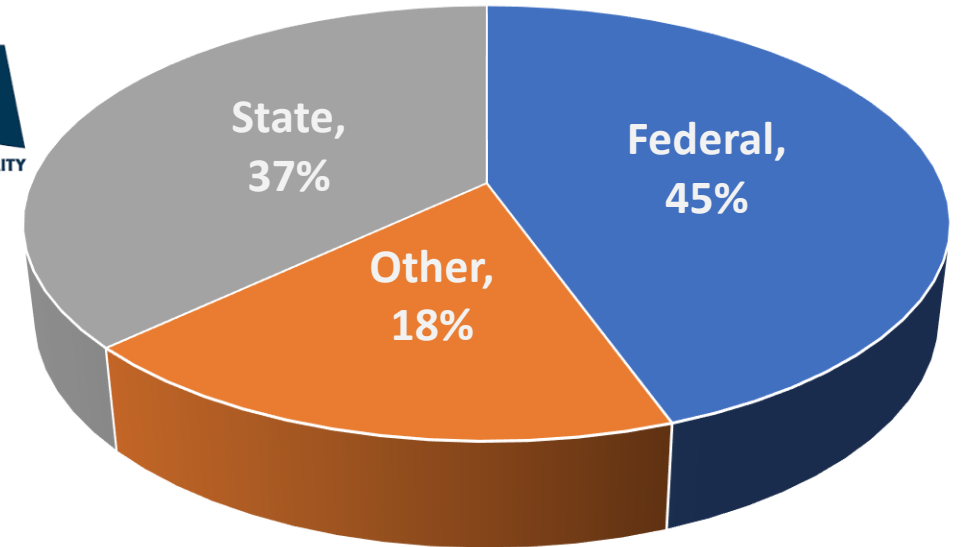
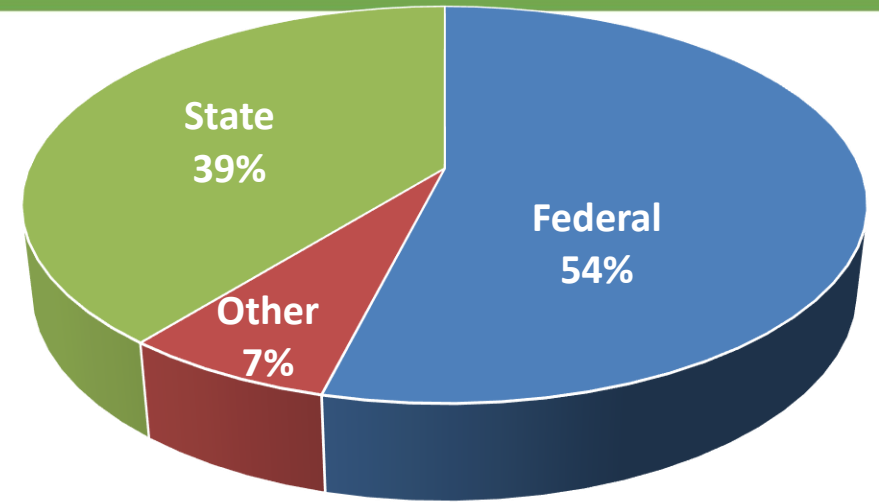
FFY 2022-2025 STIP Funding Sources



STIP Overall for RI



Federal - \$1.85 billion
State - \$1.49 billion
Other Non-highway- \$199 million
Total = \$3.55 billion



Projects by the Numbers



Addressing Safety

- Fix **391** number of Bridge Structures
- **106** miles of sidewalks
- **404** miles of pavement
- **31** intersection improvements
- **77** Safety Improvements in **27** municipalities (and counting)



Adding Capacity and Access

- **14** miles to the sidewalk network
- **54** projects improve intermodal connections or access to transit



Geographic Distribution



County	Project Count
Bristol	17
Kent	48
Newport	37
Providence	159
Washington	58

STIP Online Project Mapping Application



FFY2022-2031 STIP Project Dashboard

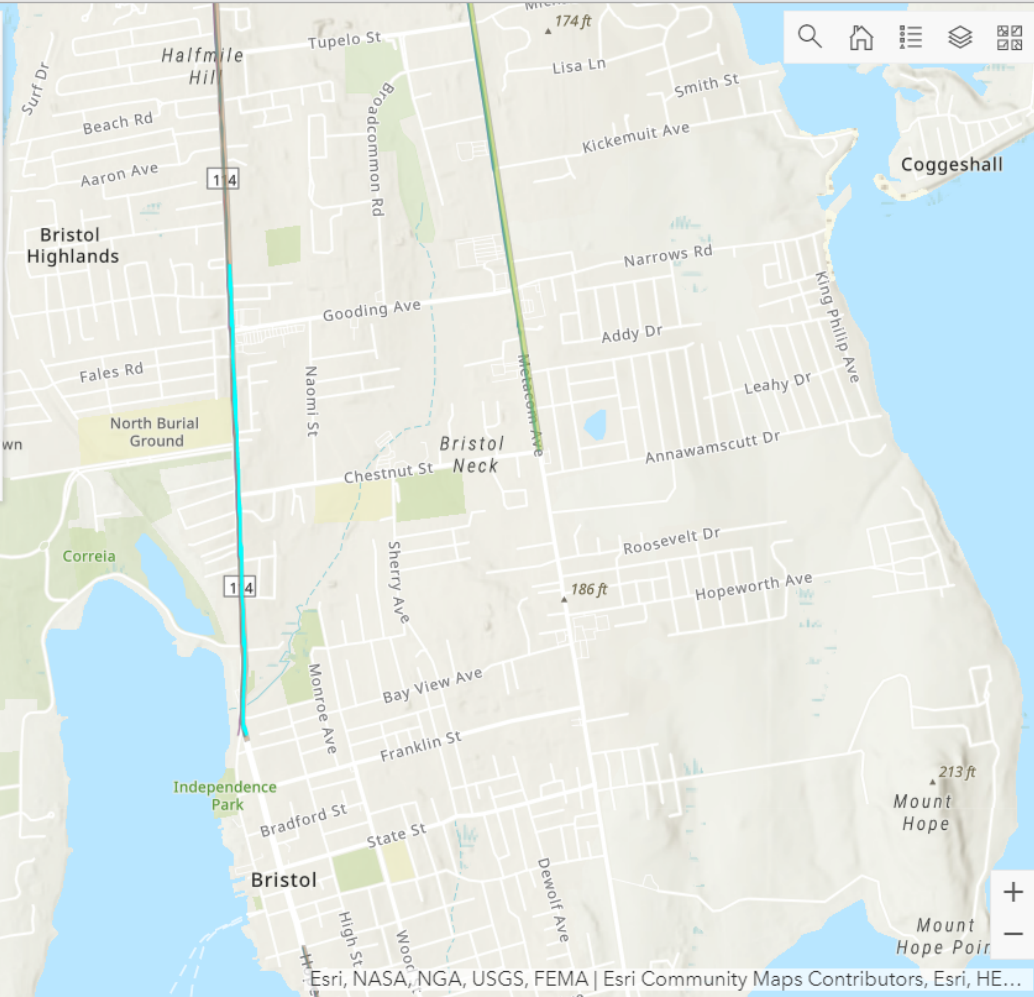
Select Your Town: Bristol



Showing 1

Asset Information

TIP ID 1,300
Asset Type Sidewalk
Asset ID SDW_41
Asset Name SDW RI-114N Hope St (Washington St. to Donna Ct.)
Facility Carried RI-114N
Municipality Bristol
Asset Treatment Rehabilitation



Infrastructure Improvements Coming to Your Town

- Pavement: RI-136, Metacom Ave. (Chestnut St. to Warren T/L)
- Pavement: RI-114, Wood St. to Constitution St.
- Sidewalk: SDW RI-114N Hope St (Washington St. to Donna Ct.)
- Sidewalk: SDW RI-114S Hope St (N Farm Dr. to Washington St.)
- Sidewalk: SDW SPC Hope St S (Constitution to Union)

Last update: a few seconds ago

Project Information

STIP Program Active Transportation Program
TIP ID 1300
Project Name Hope and Main Street Sidewalks - Phase 1 (Washington St. to Dyer St.)
Project Description This project will repair and replace sidewalks along RI-114 from Washington Street to Dyer Street in Bristol and Warren. This project will be coordinated with TIPIID 1299, Hope Street and Ferry Road Resurfacing and Sidewalks - Phase 2.

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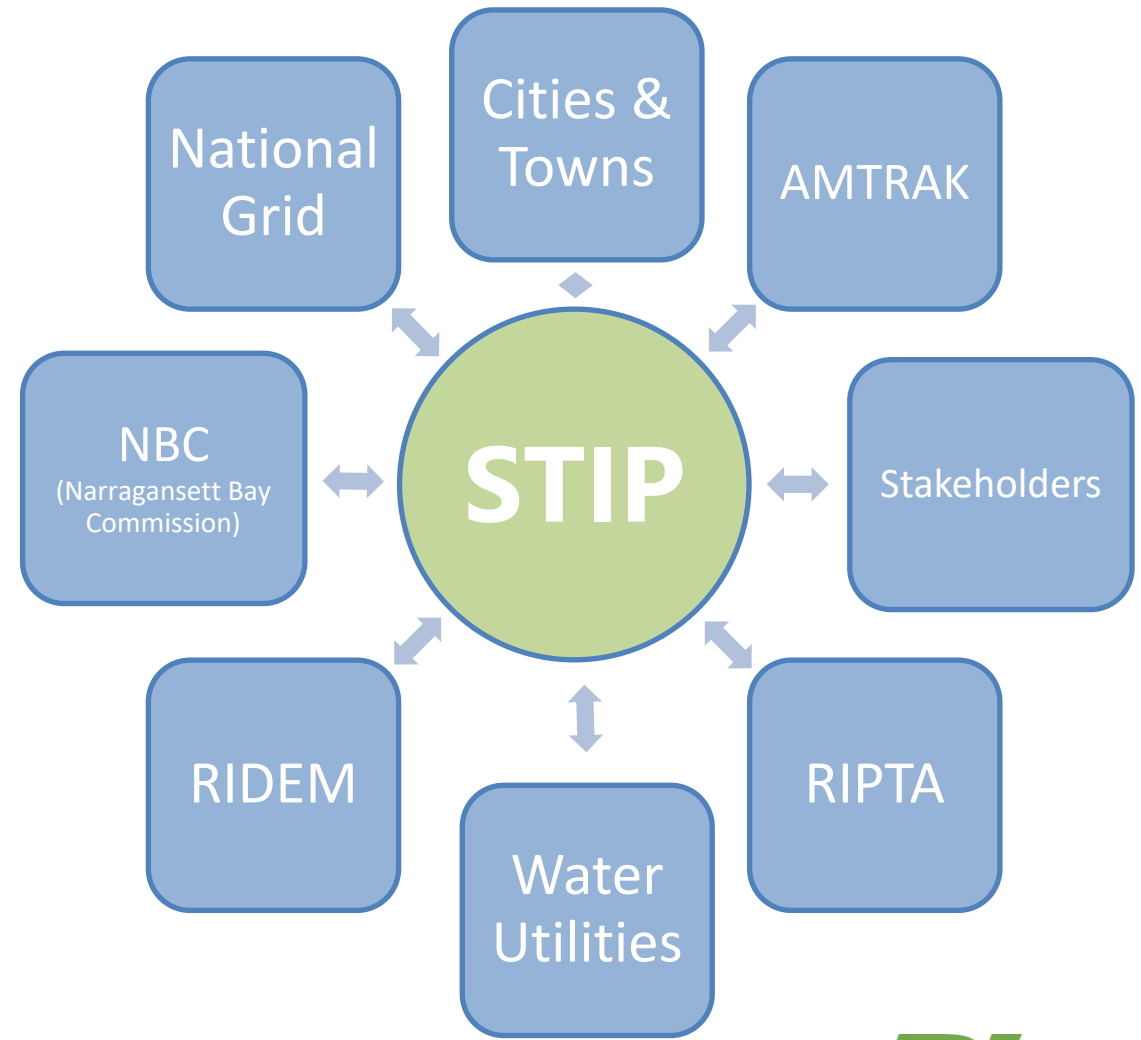


Benefits of a Transparent 10-Year Plan

The 10-Year Plan is a public document that is available on the STIP Website for everyone in Rhode Island to reference.

The draft STIP, map and project tables is found at:

<http://www.planning.ri.gov/planning-areas/transportation/tip.php>

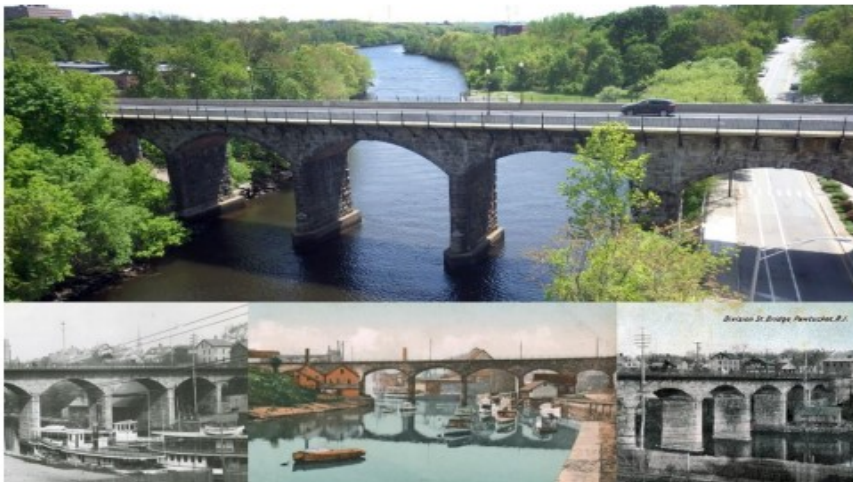


Asset Management Informs the TIP



TRANSPORTATION ASSET MANAGEMENT PLAN Rhode Island Department of Transportation

August 28, 2019



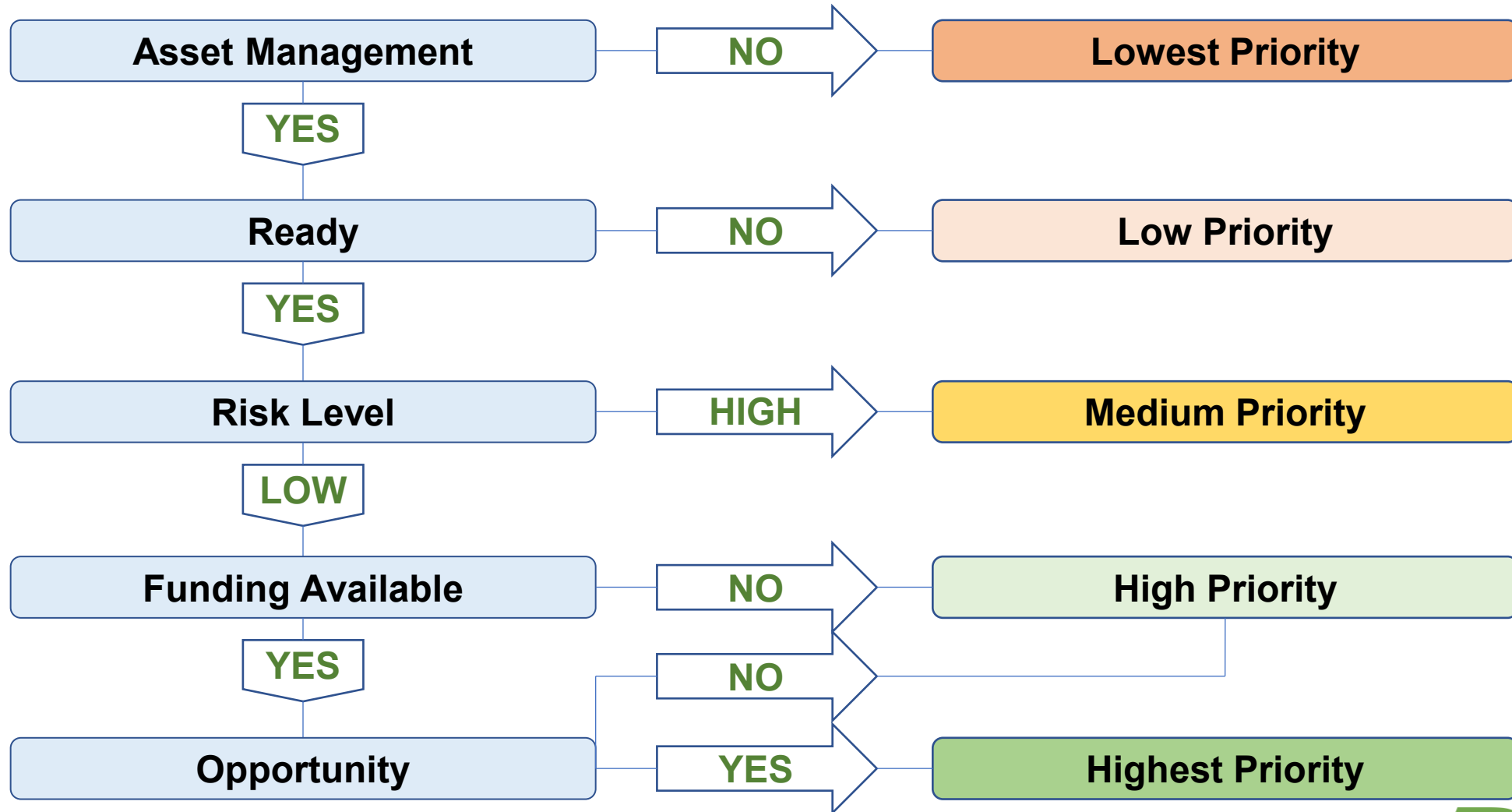
Peter Alviti Jr, P.E.
Director, Rhode Island Department of Transportation

- The 10-year plan incorporates approximately 600 projects strategically scheduled and funded according to defined metrics and needs incorporated into our federally approved [TAMP](#).



The FFY2022-2031 STIP— How Projects are Prioritized

One Process, Informed by the TAMP



The FFY2022-2031 STIP - Program Investments

- 13 Programs, including 4 new additions:
 - Major Capital Projects Program—Transformative, special funds **\$1,081M over 10 years**
 - Corridor Projects Program—Multidisciplinary, efficient, holistic **\$ 125M over 10 years**
 - NHTSA Program—Highlighting important outreach efforts **\$ 91M over 10 years**
 - Study and Development Program—Developing the pipeline **\$ 75M over 10 years**
- Prioritizing investments in bicycle/pedestrian infrastructure
 - Active Transportation Program (formerly known as TAP) **\$ 177M over 10 years**
 - Sidewalk, pedestrian, bike improvements in other programs **\$ 50M+ over 10 years**

- **TIPID 1300 – Hope and Main Street Sidewalks – Phase 1**

- Repair sidewalks, other ADA improvements
- Invest in Revolutionary Heritage Byway
- \$9M beginning in 2023



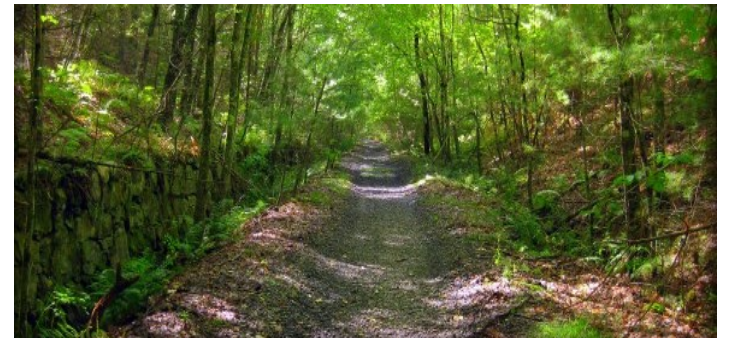
- **TIPID 5107 – Bellevue Avenue ADA Sidewalk / Access Improvements**

- Sidewalk repair and replacement, ADA accessibility improvements
- Improve walkability near retail and dining, Newport Mansions
- \$11.5M beginning in 2025



- **TIPID 9002 – Trestle Trail – West Section - Paving**

- 5 miles of new bike path from the CT state line to Old Summit Rd.
- Commitment to RI's component of the East Coast Greenway
- \$5.5M beginning in 2027



Pavement Program

- **TIPID 9536 – RI-117, Centerville Road (Quaker Lane to I-95 SB Ramp)**
 - 1.2 miles of resurfacing with new sidewalks
 - Access for schools, retail, recreation centers
 - \$7.5M beginning in 2022
- **TIPID 1298 – RI-103, Willett Ave (Bullocks Point Ave. to Wampanoag Trail)**
 - Full roadway resurfacing from Providence River to Barrington River
 - Sidewalk repairs and extension, ADA ramps
 - \$9M beginning in 2023
- **TIPID 1329 – RI-94, Reynolds Rd. (Foster T/L to US-44)**
 - Reclaim 5½ miles of roadway
 - Improve access to FM Global Research Campus
 - \$6.4M beginning in 2024



- **TIPID 9994 - Bridge Group 47_R -- Pawtucket/Central Falls Amtrak Bridges**
 - Rehabilitate or replace five bridges spanning Amtrak's Northeast Corridor
 - Maintain links to transit, freight connections in Pawtucket and Central Falls
 - \$29M beginning in 2023

- **TIPID 3231 - Bridge Group 24C_H -- Ashton Viaduct**
 - Rehabilitate historic bridge, including 50,000 square feet of deck area
 - Preserve Kelly House bridge link to Blackstone River Bikeway
 - \$27M beginning in 2025



- **TIPID 3207 – Corridor - Woonsocket**

- Preserve and rehab 8 bridges and culverts
- Resurface 1.2 miles of roadway
- Repair / replace 100,000 square feet of sidewalk
- \$16M beginning in 2023



- **TIPID 3346 – Corridor – Saylesville**

- Rehab or replace of 6 bridges, including 2 historic structures
- Resurface 4.5 miles of road
- Repair / replace 110,000 square feet of sidewalk
- \$12.5M beginning in 2025



- **TIPID 9998 – Bridge Group 97 – East Avenue Corridor**

- Rehab and replace 50,000 sq ft of bridge deck area
- Resurfacing, Active Transportation, transit and safety improvements
- \$27.8M beginning in 2023

- **TIPID 9999 - Bridge Group 16D – Route 6 Corridor Improvements**

- Rehab 3 bridges, safety improvements, 5¼ miles resurfacing
- Complete link between I-295 and new 6/10 Connector
- \$23M beginning in 2022



STIP TABLES

EXAMPLE

STIP Program Name: **RIDOT Major Capital Projects Program**

STIP Project ID (number is unique to each project): TIP ID: 3007 PTSIDs: 2603M

Project Name: Bridge Group 04_R-Huntington Viaduct Responsible Agency: RIDOT

Municipalities where the project is located: **MUNICIPALITIES** Cranston, Providence

Project description: **DESCRIPTION** Bridge #065801: Fill in and replace with an embankment or concrete arch; Bridge #066001: Replace superstructure, eliminate end spans, and rehabilitate center pier. Bridge #066201: Major rehabilitation, partial deck replacement. Bridge #066501: Major rehabilitation, some deck replacement over highway portion, rehabilitate substructure, additional strengthening, steel repairs, and replace superstructure over railroad. Bridge #066701: Deck over backwall, repaint, repairs to steel, concrete, and deck. Bridge #066301: Preservation, partial deck replacement.

Federal Fiscal Year

DESIGN											
Funding	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	TOTAL
2020 Bridge	\$2,400	-	-	-	-	-	-	-	-	-	\$2,400
RIDOT	\$0,600	-	-	-	-	-	-	-	-	-	\$0,600
RIHMA	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	\$3,000	-	-	-	-	-	-	-	-	-	\$3,000

Funding source

CONSTRUCTION											
Funding	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	TOTAL
2020 Bridge	-	\$12,000	-	-	-	-	-	-	-	-	\$12,000
2021 Bridge	-	-	\$20,000	-	-	-	-	-	-	-	\$20,000
OutYear	-	-	-	-	\$20,000	-	-	-	-	-	\$20,000
RIDOT	-	\$3,000	\$5,000	\$5,000	-	-	-	-	-	-	\$13,000
RIHMA	-	-	-	-	-	-	-	-	-	-	-
STBG	-	-	-	\$20,000	-	-	-	-	-	-	\$20,000
SUBTOTAL	-	\$15,000	\$25,000	\$25,000	\$20,000	-	-	-	-	-	\$85,000

Project phase

OTHER											
Funding	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	TOTAL
OutYear	-	-	-	-	-	\$2,500	\$2,500	-	-	-	\$5,000
SUBTOTAL	-	-	-	-	-	\$2,500	\$2,500	-	-	-	\$5,000
TOTAL	\$3,000	\$15,000	\$25,000	\$25,000	\$20,000	\$2,500	\$2,500	-	-	-	\$93,000

OutYear funding FFY 2026-2031

Funds in millions by project phase

Municipality location of asset

Asset Treatment

Sea Level Rise vulnerability

Individual assets the comprise the project

Asset Type	Asset ID	Asset Name	Facility Carried	Municipality	Treatment	SLR
Bridge	066701	Elmwood Ave South	RI 10 HUNTINGTN EXP	Providence	Preservation	No
Bridge	066501	Huntington Viaduct	RI 10 HUNTINGTN EXP	Cranston	Major Rehab	No
Bridge	065801	Narragansett Electric Co	I-95 NB & SB	Providence	Removal	No
Bridge	066301	Ramp B-EL	I-95 RAMP B-EL	Cranston	Minor Rehab	No
Bridge	066201	Ramp CB	I-95 RAMP CB	Cranston	Major Rehab	No
Bridge	066001	West Elmwood RR	I-95 NB & SB	Providence	Replace	No

Unique asset ID number

Amendment Version: 28 Date Published: 06/08/2021

Amendment Version Individual asset name Facility carried (typically a roadway) Date this project table was published



Thank You



Pamela Cotter
Acting Administrator of Planning
RIDOT



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Thank you for
joining us!

