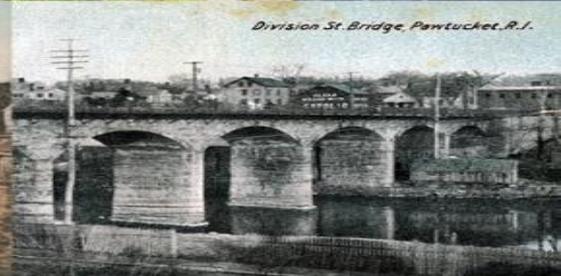




# State Transportation Improvement Program Major Amendment

July 18, 2019

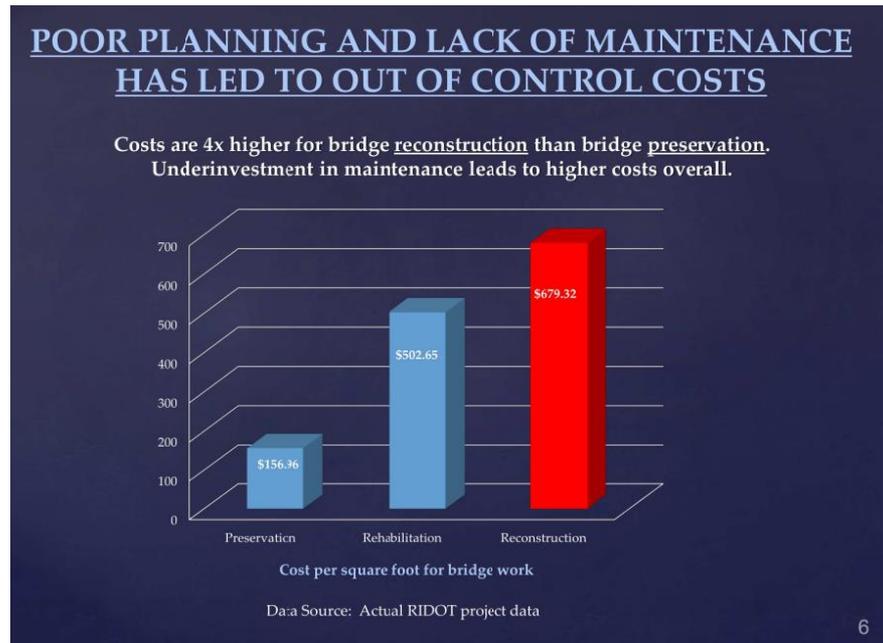


## Implementing RhodeWorks

- Rhode Island is last in overall bridge condition
- Critical problem
- RIDOT's core mission: *fix this problem*
- Target: 90% bridge sufficiency rating by 2025
- 10-Year Plan (STIP) created to address the problem

## Implementing RhodeWorks

- Fix 150+ structurally deficient bridges
- Make repairs to 500 more
- Repairs Now → Savings
- Waiting → Increased Costs



## Implementing RhodeWorks

- **84** projects completed since 2016
- Construction ongoing on more than **70** projects, totaling more than \$700M
- Construction to start on more than **40** projects over the next 12 months

## Financial Circumstances Have Changed

- STIP is a living document
- Project Management process has improved
- Must change to fit changing finances
- STIP must reflect additional funding received
- STIP must reflect funding never realized

## Henderson Bridge



- RIDOT is “slimming down” the 50-year-old Henderson Bridge spanning Providence and East Providence
- **\$54.5M** of new federal funding allotted to the project; **total cost = \$70M**
- *Will decrease statewide structurally deficient bridge deck area by 12 percent*

## Rhode Island Capital Funds (RICAP)

- \$20M per year
- Programmed for pavement projects
- Did *not* receive funds annually in 2016 – 2019
- Removed as a funding source in this Amendment

## Source-Level Changes

- Obligation Limit established as new ceiling for federal funds
- Added new 2019 GARVEE Bonds **(\$200M)** for Providence Viaduct
- Added remaining 2016 GARVEE Bonds **(\$93M)** for other bridge projects
- Added BUILD Grant **(\$20M)** for Pell Bridge ramps
- Added CRISI Grant **(\$2.8M)** for intercity Amtrak service at TF Green
- Added Carry-Forward State Funds **(\$60M)** to match federal funds



## Use-Level Changes:

- **SCOPE:** Revised project scopes to reflect the latest available information
- **BUDGET:** Amended project costs and cash flows
- **SCHEDULE:** Customized and updated project permitting timelines

## Bridge Capital Program



- **118** bridge project budgets and schedules adjusted
- 6/10 Project & Bridge Maintenance line items consolidated into Bridge Capital Program
- **\$197.2M** added over 10 years

## Traffic Safety Capital Program

- **34** traffic safety project budgets and schedules adjusted
- **\$24.1M** added over 10 years



## Transportation Alternatives Program



- **67** TAP project budgets and schedules revised
  - 6 projects accelerated
  - 19 projects delayed
  - 23 projects on schedule
- Program evaluation resulted in **\$37.47M** funding shift over 10 years, including:
  - **\$ 6.18M** shifted to DEM (GEB projects)
  - **\$ 6.39M** deferrals for further study
  - **\$ 7.20M** consolidated into Pell project
  - **\$ 2.78M** removed per request
  - **\$ 2.09M** advanced to construction or completion
- NET reduction of **\$12.83M** over 10 years

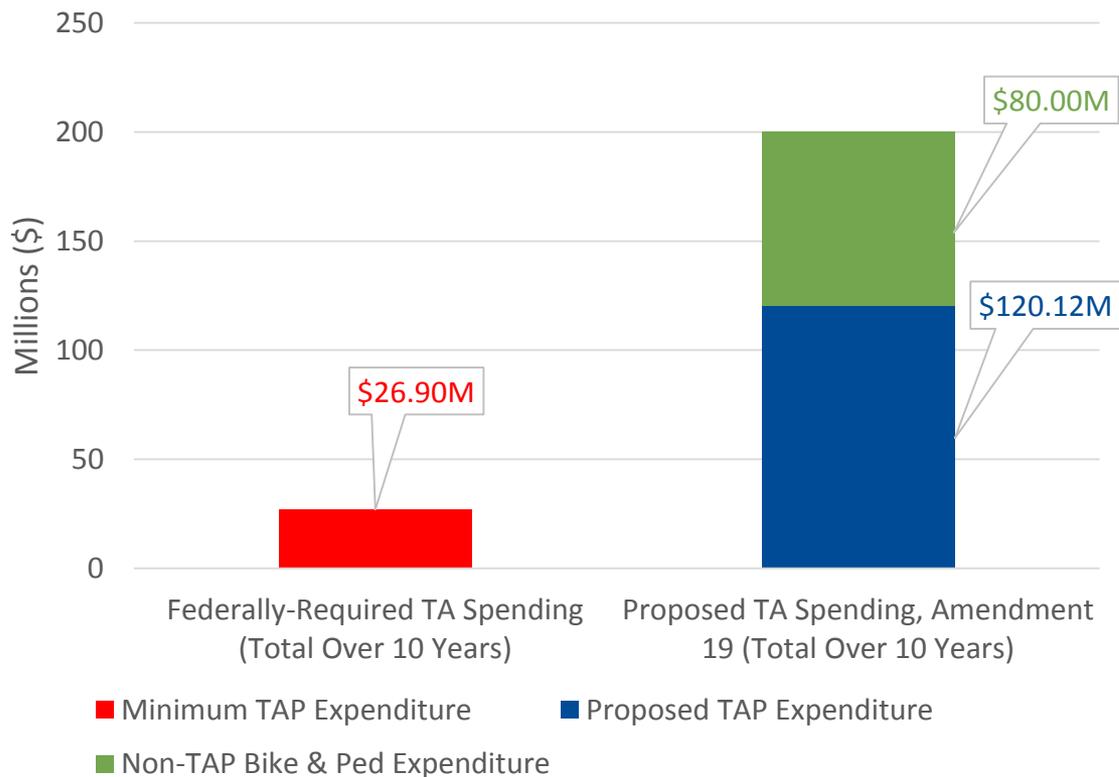
## Bike and Pedestrian Improvements in the STIP



- More than just TAP
- Between 2017 and 2027...
  - **37** miles of bike improvements
  - **70** pedestrian crossing improvements
  - Average annual investment: **\$20M+**

## FAST Act Federal Apportionments for Transportation Alternatives (TA)

### TAP Funding Breakdown



- Net Minimum TA Expenditure: **\$2.69M/year**
- FFY2018-2027 Minimum TA Expenditure: **\$26.90M Over 10 Years**
- ***Proposed TAP Funding in STIP Amendment 19 (2018-2027):***  
**\$120.12M Over 10 Years**
- ***Proposed Non-TAP Bike & Pedestrian Improvements in Amendment 19:***  
**\$80.00M Over 10 Years**

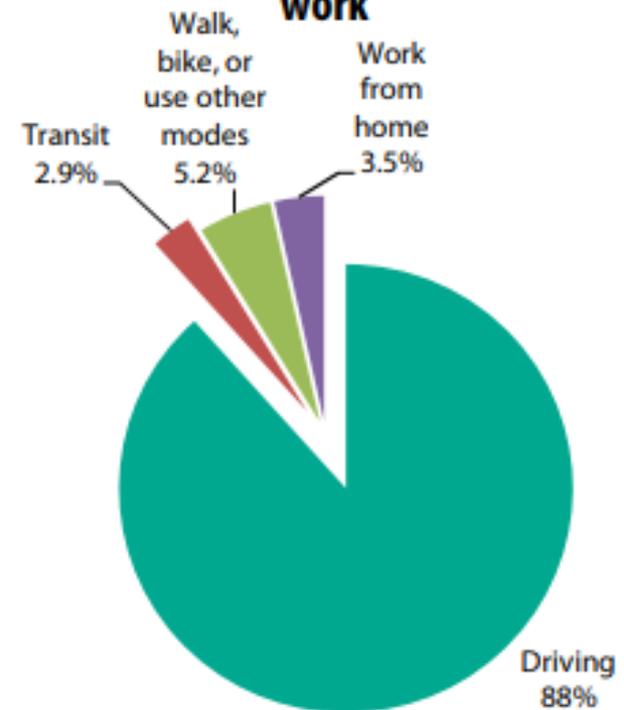
## Pavement Capital Program

- **208** pavement project budgets and schedules revised
- Pavement Maintenance line items consolidated into Pavement Capital Program
- **\$61M** funding shift over 10 years



- Investments based on federally-mandated Transportation Asset Management Plan (TAMP)
- Must maintain *State of Good Repair* and *structural sufficiency* for bridges
- Amendment proposes **\$200M+** in bicycle and pedestrian infrastructure investments

**How Rhode Island drivers get to work**



Source: American Community Survey

## RIDOT is Supplementing Revenues with Found Sources

- **TIGER Grant: \$20M** for Rt. 37
- **BUILD Grant: \$20M** for Pell Bridge Ramps
- **CRISI Grant: \$2.8M** for preliminary engineering of Amtrak service to TF Green
- More than **\$100M** in potential grant awards under federal review or state development



**Route 37 Corridor Safety Sweep Project**

- Accelerates a key component of "RhodeWorks," Rhode Island's comprehensive plan to achieve 90% structural sufficiency for its bridges by 2025.
- Multiple 50-year-old bridges are in dire need of reconstruction or rehabilitation to efficiently handle today's travel demands.
- Yields immediate improvements in mobility and safety.
- Benefits to a substantial portion of the traveling public clearly justify the investment.

RIDOT TIGER  
FY2017 Discretionary  
Grant Application

October 18, 2017  
Contact Information:  
Peter Alvisi, Jr., Director  
Rhode Island Department of Transportation  
Peter.Alvisi@dot.ri.gov  
Two Capitol Hill, Providence, RI  
401.222.2481 x4000



SIMPLE, SMARTER ROADS for the NEWPORT INNOVATION CORRIDOR



**BUILD FY2018 Discretionary Grant Application**  
July 19, 2018

**Project Summary**

- Project is eligible for BUILD funds.
- Applicant Limited is a vital corridor for Rhode Island.
- Local matching funds have been allocated.
- Project listed in the State TDP.
- Favorable benefit-cost ratio.
- Addresses existing structural deficiencies.
- Improves safety and mobility.
- Ensures continued economic growth.

Contact Information:  
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Transforming the Providence I-95 Northbound Viaduct



Bringing a critical interstate segment up to a state of good repair and improving the flow of freight throughout Rhode Island and The Northeast Megaregion



The Washington Bridge Rehabilitation and Redevelopment Project  
Repairing and Improving a Critical Connection to Southern New England



FY2019 BUILD GRANT APPLICATION  
RHODE ISLAND DEPARTMENT OF TRANSPORTATION (RIDOT)  
Two Capitol Hill, Providence, RI



- *RI's STIP is on course, and improving*
- Additional state capital funds are needed
- This Major Amendment:
  - Keeps RI on pace to meet bridge sufficiency mandate by 2025
  - Will ease task of future STIP updates

## QUESTIONS?

# Thank You



Thomas Queenan  
Administrator  
RIDOT Division of Planning



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