

Draft SNHPC FY 2023-2026 Transportation Improvement Program (TIP)

SNHPC TAC Meeting
January 19, 2023

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How does the TIP fit into the Project Development Process?

Construction



Year 1-4

Transportation Improvement Program (TIP)

- Comprised of projects in the first four years of the TYP.
- Encompasses all federally funded projects in the region.
- Fiscally constrained in accordance with known revenues.
- Updated every two years at the conclusion of the TYP process.

Federal Requirement

Year 5-10

Ten-Year Transportation Improvement Plan (TYP)

- State-level funding commitment for listed projects.
- Encompasses all surface and air transportation projects in NH.
- Fiscally constrained against known and anticipated revenues.
- Regions are provided funding allocations for new projects.

State Requirement

Year 11-20+

Metropolitan Transportation Plan (MTP)

- Identifies long-term project needs to meet regional goals.
- Inclusion in the MTP does not constitute a funding commitment.
- Fiscally constrained against known and anticipated revenues.
- Projects in the MTP form the "pipeline of projects" for the TYP.

Federal Requirement

Concept



FY 2023-2026 SNHPC Transportation Improvement Program (TIP)

- **The SNHPC has been coordinating with the NHDOT on an update to the region's Transportation Improvement Program (TIP). The update covers FY 2023-2026.**
 - The Draft TIP was released for public review and comment on January 19, 2023.
 - A 30-day comment period will be held from January 19, 2023 to February 20, 2023.
 - TAC will have an opportunity to provide additional feedback at the February 16, 2023 meeting.
 - The SNHPC MPO will hold a public hearing to consider adoption of the TIP on February 21, 2023.



FY 2023-2026 TIP - Key Projects in the SNHPC Region

- **Auburn (29316)**
 - Bridge Rehabilitation- Griffin Mill Rd. over Maple Falls Brook
- **Bedford (24217)**
 - Bridge Replacement- Beals Rd. over Baboosic Brook
- **Francestown (42709)**
 - Bridge Rehab/Replacement- Old County Rd. North over Collins Brook
- **New Boston (14771)**
 - Bridge Replacement- Gregg Mill Rd. over South Br. Piscataquog River
- **New Boston (15505)**
 - Bridge Replacement- Tucker Mill Rd. over Mid. Br. Piscataquog River

These projects are all local bridges that are appearing in the TIP because State Aid Bridge funding previously programmed for CON phase work has been swapped with (Federal) MOBIL funding to accelerate the schedules.



FY 2023-2026 TIP - Key Projects in the SNHPC Region

- **Bedford (40664)**

- Scope of Work: U.S. Route 3 Widening from Hawthorne Drive to Manchester Airport Access Road
- Total Funding in TIP: \$9,813,190
- Construction Schedule: Start in FY 2026 (and continue beyond TIP horizon)
- Changes from Last TIP: Project is fully funded and is proceeding as expected.



FY 2023-2026 TIP - Key Projects in the SNHPC Region

- **Bedford-Merrimack (16100)**
 - Scope of Work: Improvements to Bedford Mainline Toll Plaza to Institute All Electronic Tolling.
 - Total Funding in TIP: \$11,250,021
 - Construction Schedule: FY 2023-2024
 - Changes from Last TIP: The All Electronic Tolling (AET) option has been selected for implementation (versus the Open Road tolling option).



FY 2023-2026 TIP - Key Projects in the SNHPC Region

- **Bow (29641)**
 - Scope of Work: NH Route 3A Corridor Safety Improvements (This project is in the CNHRPC Region, but occurs within part of the Manchester Urbanized Area. Thus, the project must be included in the SNHPC TIP.)
 - Total Funding in TIP: \$3,822,018
 - Construction Schedule: FY 2023-2024
 - Changes from Last TIP: The project was originally scheduled for construction in FY 2022 but is now scheduled for FY 2023-2024.



FY 2023-2026 TIP - Key Projects in the SNHPC Region

- **Candia (41592)**

- Scope of Work: Safety and Operational Improvements on NH Route 27, NH Route 43, and Raymond Road
- Total Funding in TIP: \$500,259
- Construction Schedule: FY 2028 (Beyond the TIP Horizon)
- Changes from Last TIP: Initial PE phase work will now begin in FY 2023.



FY 2023-2026 TIP - Key Projects in the SNHPC Region

- **Derry-Londonderry (Exit 4A)**
 - Scope of Work: The former Project #13065 has been split into multiple projects encompassing different components of the Exit 4A scope of work, including:
 - **Project #13065A**- Final Design and Construction of a New Interchange and (a portion of the) Connecting Roadway
 - **Project #13065B**- Construction of the Connecting Roadway from the end of Project #13065A east
 - **Project #13065C**- Construction of Tsienneto Road from Project 13065B east to NH Route 102
 - **Project #13065E**- Building Demolitions on Folsom Road for the Construction of Exit 4A



FY 2023-2026 TIP - Key Projects in the SNHPC Region

- **Derry-Londonderry (Exit 4A)**
 - Total Funding in TIP:
 - **Project #13065A-** \$17,159,128
 - **Project #13065B-** \$33,493,733
 - **Project #13065C-** \$22,139,915
 - **Project #13065E-** \$533,500
 - Construction Schedule:
 - **Project #13065A-** FY 2023-2024
 - **Project #13065B-** FY 2024-2026
 - **Project #13065C-** FY 2025-2026
 - **Project #13065E-** FY 2023
 - Changes from Last TIP: Project changed from Design-Build to Design-Bid-Build with phased construction.



FY 2023-2026 TIP - Key Projects in the SNHPC Region

- **Hooksett (29611)**

- Scope of Work: Reconstruction and Widening of US Route 3/NH Route 28 from NH 27/Whitehall Road/Martin's Ferry Road to Alice Avenue
- Total Funding in TIP: \$6,439,506
- Construction Schedule: Start in FY 2026 (and continue beyond the TIP horizon)
- Changes from Last TIP: Construction schedule now begins in FY 2026.



FY 2023-2026 TIP - Key Projects in the SNHPC Region

- **Hooksett (43851)**

- Scope of Work: Reconstruct two intersections: NH 3A/Hackett Hill Road and NH 3A/Main Street
- Total Funding in TIP: \$4,000,000
- Construction Schedule: FY 2026
- Changes from Last TIP: New project in the TIP.



FY 2023-2026 TIP - Key Projects in the SNHPC Region

- **Londonderry (41593)**

- Scope of Work: Safety and Operational Improvements at the Intersection of NH Route 28/NH Route 128
- Total Funding in TIP: \$1,348,911
- Construction Schedule: FY 2027 (Beyond the TIP Horizon)
- Changes from Last TIP: No change from last TIP.



FY 2023-2026 TIP - Key Projects in the SNHPC Region

- **Londonderry (41715)**

- Scope of Work: Operational and Capacity Improvements at the Intersection of NH Route 28/Stonehenge Road
- Total Funding in TIP: \$4,710,000
- Construction Schedule: FY 2024
- Changes from Last TIP: Construction delayed to FY 2024 to allow for ROW acquisition to accommodate MS4 stormwater control measures.



FY 2023-2026 TIP - Key Projects in the SNHPC Region

- **Manchester (15837)**
 - Scope of Work: Bridge Rehabilitation- U.S. Route 3 (Elm Street) over B&M Railroad
 - Total Funding in TIP: \$5,737,274
 - Construction Schedule: FY 2025
 - Changes from Last TIP: New project in the TIP.



FY 2023-2026 TIP - Key Projects in the SNHPC Region

- **Manchester (16099)**
 - Scope of Work: PE and ROW for Reconstruction of I-293 Exit 6 and Exit 7
 - Total Funding in TIP: \$11,432,879
 - Construction Schedule: Beyond TIP Period
 - Changes from Last TIP: Project delayed significantly due to COVID-related turnpike revenue impacts.



FY 2023-2026 TIP - Key Projects in the SNHPC Region

- **Manchester (24212)**
 - Scope of Work: Amoskeag Eastbound Bridge- Salmon Street over Road, Railroad, and Merrimack River
 - Total Funding in TIP: \$12,940,003
 - Construction Schedule: FY 2024-2026
 - Changes from Last TIP: New project in the TIP.



FY 2023-2026 TIP - Key Projects in the SNHPC Region

- **Manchester (41594)**
 - Scope of Work: Operational Improvements at the I-293 Exit 1 Interchange
 - Total Funding in TIP: \$433,435
 - Construction Schedule: FY 2028 (Beyond TIP Horizon)
 - Changes from Last TIP: Initial PE phase work is scheduled to begin in FY 2024.



FY 2023-2026 TIP - Key Projects in the SNHPC Region

- **Manchester (42881)**

- Scope of Work: Construct a Northbound Right Turn Lane and Modify Lane Utilization at South Willow Street/Weston Road Intersection
- Total Funding in TIP: \$902,302
- Construction Schedule: FY 2025
- Changes from Last TIP: No change from last TIP.



FY 2023-2026 TIP - Key Projects in the SNHPC Region

- **Manchester (42886)**
 - Scope of Work: Construct a Roundabout at Entrance of Derryfield School at River Road/Bicentennial Drive Intersection
 - Total Funding in TIP: \$201,960
 - Construction Schedule: FY 2027-2028 (Beyond TIP Horizon)
 - Changes from Last TIP: No change from last TIP.



FY 2023-2026 TIP - Key Projects in the SNHPC Region

- **Manchester (43826)**
 - Scope of Work: Manchester Millyard Projects funded by a RAISE Grant
 - Total Funding in TIP: \$27,463,899
 - Construction Schedule: FY 2024-2027 (Partially Beyond TIP Horizon)
 - Changes from Last TIP: No change from last TIP.



FY 2023-2026 TIP - Key Projects in the SNHPC Region

- **Manchester (43850)**

- Scope of Work: Eddy Road/Exit 6 SB On Ramp Intersection Safety Improvements
- Total Funding in TIP: \$2,684,224
- Construction Schedule: FY 2026
- Changes from Last TIP: New project in the TIP.



FY 2023-2026 TIP - Key Projects in the SNHPC Region

- **Nashua-Merrimack-Bedford (13761 and 13761E)**
 - Scope of Work: Widening two lane sections of F.E. Everett Turnpike from Exit 8 (Nashua) to I-293 (Bedford)
 - Total Funding in TIP: \$6,000,000 (Project 13761) and \$19,272,752 (Project #13761E)
 - Construction Schedule: FY 2023-2025
 - Changes from Last TIP: All work in the SNHPC region related to this project is expected to be completed in the TIP horizon. A portion of the work in the NRPC region may extend past the TIP horizon.



FY 2023-2026 TIP - Key Projects in the SNHPC Region

- **Remaining Salem to Manchester (I-93 Expansion) Debt Service Projects During TIP Period**
 - Project 14633
 - \$29,990,706 in TIP Period (State Funded)
 - Debt Service for Northern I-93 Expansion Projects
 - Project 14800B
 - \$14,298,412 in TIP Period
 - Debt Service for Exit 5 Reconstruction
 - Project 14800C
 - \$4,871,485 in TIP Period
 - Debt Service for Project 13933N (Exit 3 Area)
 - Project 14800F
 - \$1,482,383 in TIP Period
 - Debt Service for Project 13933H (Exit 3 Mainline)



FY 2023-2026 TIP - Key Projects in the SNHPC Region

- **Weare (41471)**

- Scope of Work: Address Bridge Carrying NH Route 77 over Canal 2 of Choate Brook (#159/178)
- Total Funding in TIP: \$232,581 (PE Phase Work Only)
- Construction Schedule: 2028 (Beyond TIP Horizon)
- Changes from Last TIP: No change from last TIP.



FY 2023-2026 TIP - Key Projects in the SNHPC Region

- **Wilton-Milford-Amherst-Bedford (13692D and 13692E)**
 - Scope of Work: Traffic and Safety Improvements Consistent with the Intent of the 2002 Corridor Study
 - Total Funding in TIP: \$9,117,428 (Project 13692D) and \$7,390,342 (Project 13692E)
 - Construction Schedule: FY 2023-2024 (Project 13692D) and FY 2026 (Project 13692E)
 - Changes from Last TIP: Addition of Project 13692E as an additional project to implement improvements on the NH Route 101 Corridor



FY 2023-2026 TIP - Key Projects in the SNHPC Region

- **Windham (40665)**
 - Scope of Work: Intersection Improvements at NH Route 28/Roulston Road
 - Total Funding in TIP: \$1,772,970
 - Construction Schedule: FY 2026
 - Changes from Last TIP: No change from last TIP.



FY 2023-2026 TIP - Transit Projects in the SNHPC Region

- **Manchester Transit Authority (MTA) Section 5307 Urbanized Area Formula Grant Funding**
 - Scope of Work: Operating, ADA Paratransit, Preventative Maintenance, and Planning for MTA and CART Services
 - Total Funding in TIP: \$22,717,518 (\$14,993,562 Federal and \$7,723,956 Local)
 - Changes from Last TIP: Funding increased to reflect current Section 5307 apportionment levels under the IIJA.



FY 2023-2026 TIP - Transit Projects in the SNHPC Region

- **Manchester Transit Authority (MTA) Section 5310 Funding for Seniors and Individuals with Disabilities**
 - Scope of Work: Annual Section 5310 Apportionment for Transportation of Seniors and Individuals with Disabilities in CART Service Area.
 - Total Funding in TIP: \$646,281 (\$517,025 Federal and \$129,256 Local)
 - Changes from Last TIP: No changes of significance from current TIP.



FY 2023-2026 TIP - Transit Projects in the SNHPC Region

- **Manchester Transit Authority (MTA) Section 5339 Bus and Bus Facilities Funding**
 - Scope of Work: Annual Section 5339 Apportionment for Capital Vehicles and Equipment in CART Service Area.
 - Total Funding in TIP: \$208,490 (\$177,217 Federal, \$15,637 State, and \$15,637 Local)
 - Changes from Last TIP: No changes of significance from current TIP.



FY 2023-2026 TIP- Statewide Programs Benefitting the SNHPC Region

- **The draft FY 2023-2026 TIP also includes all Statewide Programs that may benefit the SNHPC Region, including:**

- *ADA Improvements*
- *High Investment Bridges*
- *Tier 1&2 Bridge Maint. and Preservation*
- *Tier 3&4 Bridge Maint. and Preservation*
- *Complex Bridge Inspection*
- *Corridor Study Program*
- *Culvert Replacement/Rehabilitation*
- *Disadvantaged Business Enterprise*
- *Post-construction Env. Monitoring*
- *Federal Lands Access Program*
- *Statewide FTA Section 5307 Activities*
- *Statewide FTA Section 5310 Activities*
- *Statewide FTA Section 5339 Activities*
- *Guardrail Replacement*
- *Highway Safety Improvement Program*
- *Local Technology Assistance Program*
- *MOBIL and MOBRR Programs*
- *National Summer Transportation Institute*
- *NEVI Program Charging*
- *On-the-Job Training*
- *Tier 1 Highway Resurfacing*
- *Tier 2 Highway Rehabilitation*
- *Tier 2 Highway Resurfacing*
- *Pavement Marking Program*
- *Recreational Trails Program*
- *Railroad Crossing Improvement Program*
- *Safe Routes to School Program*
- *State Transportation Innovation Council Program*
- *STBG to FTA Funding Transfer*
- *Transportation Alternatives Program*
- *Transportation and Civil Engineering Program*
- *Training Program*
- *Truck Weight Safety Inspection Program*
- *Transportation Systems Management and Operations Program*
- *Underwater Bridge Inspection program*
- *Statewide Signage Upgrade Program*



FY 2023-2026 TIP- Statewide Programs Benefitting the SNHPC Region

- In some cases, the “child” projects to be conducted under each “parent” program during the TIP period are known.
- **Appendix D** of the draft FY 2023-2026 TIP disaggregates these statewide programs to identify child projects that are planned in the SNHPC region.
- TAP projects are now listed programmatically, but as detailed in **Appendix D** of the TIP, the five TAP projects in the region are all still programmed and moving forward.
 - Derry 43736, Londonderry 42508, Manchester 40428, Manchester 42509, and Manchester 43730



FY 2023-2026 TIP - Performance Measures

- The draft SNHPC FY 2023-2026 TIP also incorporates updated performance targets for the following categories:
 - **PM1 (Safety)**
 - **PM2 (Pavement and Bridge Condition)**
 - **PM3 (System Performance)**
 - Proposed PM1, PM2, and PM3 targets will be reviewed later in today's meeting.
 - **Transit Asset Management**
 - Updates are to incorporate Boston Express coach fleet.
 - **Public Transportation Safety**
 - Updates are to incorporate Boston Express safety targets.



Questions?