

# **Draft SNHPC FY 2021-2024 Transportation Improvement Program (TIP)**

SNHPC MPO Meeting  
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# How does the TIP fit into the Project Development Process?

Construction



FY 2021-  
FY 2024

**Transportation  
Improvement Program (TIP)**

Federal  
Requirement

FY 2021-  
FY 2030

**Ten-Year Transportation  
Improvement Plan (TYP)**

State  
Requirement

FY 2021-  
FY 2045

**Metropolitan  
Transportation Plan (MTP)**

Federal  
Requirement

Concept



# **FY 2021-2024 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 2021-2024.**
  - The draft TIP was released for public review and comment on January 22, 2021.
  - A 30-day comment period ended on February 22, 2021.
    - **NHDOT has updated their fiscal constraint analysis which is an appendix to the TIP.**
    - **NHDES provided a comment clarifying Transportation Control Measures in Section 4.4 of the draft TIP.**



# **FY 2021-2024 SNHPC Transportation Improvement Program (TIP)**

- Project changes in the draft FY 2021-2024 TIP were reviewed in detail at the January MPO meeting.
- **The SNHPC TAC has unanimously recommended adoption of the draft FY 2021-2024 TIP.**
- **We would welcome any questions or comments from MPO members or the public at this time.**
- **If there are no comments, we would welcome a motion to adopt the draft FY 2021-2024 TIP.**



# FY 2021-2024 TIP- Key Projects in the SNHPC Region

- **Bedford (13692C)**

- Scope of Work: Bridge Rehabilitation or Replacement of Bridge #090/065 Carrying NH Route 101 over Pulpit Brook.
- Total Funding in TIP: \$5,519,028
- Construction Schedule: 2021
- Changes from Last TIP: No significant change.



# FY 2021-2024 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: \$2,123,253
- Construction Schedule: 2026 (Beyond the TIP Horizon)
- Changes from Last TIP: Initial PE phase work will now begin in 2021.



# FY 2021-2024 TIP- Key Projects in the SNHPC Region

- **Bedford-Merrimack (16100)**

- Scope of Work: Improvements to Bedford Mainline Toll Plaza (F.E. Everett Turnpike) to Institute Open Road or All Electronic Tolling.
- Total Funding in TIP: \$4,007,797
- Construction Schedule: 2021
- Changes from Last TIP: Construction currently scheduled for 2021, but is likely to be delayed to 2023-2024 to allow time for the further development of the AET concept.



# FY 2021-2024 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: \$3,732,897
  - Construction Schedule: 2022
  - Changes from Last TIP: No significant change.





# FY 2021-2024 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: \$174,369
- Construction Schedule: 2028 (Beyond the TIP Horizon)
- Changes from Last TIP: First time project is appearing in the TIP. Initial PE phase work will now begin in 2022.



# FY 2021-2024 TIP- Key Projects in the SNHPC Region

- **Deerfield (24477)**

- Scope of Work: Replace Bridge #137/116 on NH Route 107 over Freese's Pond
- Total Funding in TIP: \$1,055,000
- Construction Schedule: 2022
- Changes from Last TIP: No significant change.



# FY 2021-2024 TIP- Key Projects in the SNHPC Region

- **Derry-Londonderry (13065 & 13065A)**

- Scope of Work: I-93 Exit 4A- Preliminary Design, Final Design, ROW, and Construction of New Interchange and Connecting Roadway
- Total Funding in TIP: \$76,141,707 (Total of Project 13065 and 13065A)
- Construction Schedule: 2022-2024
- Changes from Last TIP: Project changed from Design-Build to Design-Bid-Build, majority of construction funding programmed in new Project 13065A. **NHDOT will be providing a briefing on this project at the January 26, 2020 MPO Meeting. Interested TAC members are encouraged to attend.**



# FY 2021-2024 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: \$9,659,853
- Construction Schedule: 2024-2025 (Partially Beyond the TIP Horizon)
- Changes from Last TIP: No changes of significance from current TIP.



# FY 2021-2024 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: \$179,252 (Initial PE Work Only)
- Construction Schedule: 2027 (Beyond the TIP Horizon)
- Changes from Last TIP: First time project is appearing in the TIP. Initial PE phase work will begin in 2023.



# FY 2021-2024 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: \$1,648,309
- Construction Schedule: 2023
- Changes from Last TIP: Construction delayed to 2023 with the concurrence of the Town of Londonderry to allow for ROW acquisition to accommodate MS4 stormwater control measures.



# FY 2021-2024 TIP- Key Projects in the SNHPC Region

- **Londonderry (42508)**

- Scope of Work: Construct a 1 Mile Multi-use Path Along the Side of Harvey Road, Webster Road, and Grenier Field Road
- Total Funding in TIP: \$1,170,500
- Construction Schedule: 2022
- Changes from Last TIP: Construction advanced to 2022.



# FY 2021-2024 TIP- Key Projects in the SNHPC Region

- **Manchester (16099 and 16099B)**
  - Scope of Work: PE and ROW for Reconstruction of I-293 Exit 6 and Exit 7 (16099), Reconstruction of Exit 7 (16099B)
  - Total Funding in TIP: \$13,369,120
  - Construction Schedule: 2024-2026 (Partially Beyond the TIP Horizon) for Exit 7 and 2025-2028 for Exit 6 (Beyond the TIP Horizon)
  - Changes from Last TIP: No changes of significance from current TIP.





# FY 2021-2024 TIP- Key Projects in the SNHPC Region

- **Manchester (29811)**
  - Scope of Work: Construct Multi-Use Path from Gold Street to Perimeter Road (South Manchester Rail Trail Phase II)
  - Total Funding in TIP: \$1,544,810
  - Construction Schedule: 2021
  - Changes from Last TIP: This is a locally-managed project, and construction has been delayed to 2021.



# FY 2021-2024 TIP- Key Projects in the SNHPC Region

- **Manchester (41414)**
  - Scope of Work: Address Red List Bridge Carrying Huse Road over I-293 and NH Route 101 (#176/106)
  - Total Funding in TIP: \$2,915,000
  - Construction Schedule: 2021
  - Changes from Last TIP: Project now scheduled for construction in 2021.



# FY 2021-2024 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: \$179,252 (Initial PE Work Only)
  - Construction Schedule: 2028 (Beyond TIP Horizon)
  - Changes from Last TIP: First time project is appearing in the TIP. Initial PE phase work will begin in 2024.



# FY 2021-2024 TIP- Key Projects in the SNHPC Region

- **Manchester (41747)**

- Scope of Work: Implement Adaptive Signal Control System on Granite Street and Implement Signal Performance Measures on South Willow Street
- Total Funding in TIP: \$1,325,183
- Construction Schedule: 2022
- Changes from Last TIP: No changes of significance from current TIP.



# FY 2021-2024 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: \$1,042,549
- Construction Schedule: 2023
- Changes from Last TIP: First time project is appearing in the TIP. Project was funded in the last CMAQ program solicitation.



# FY 2021-2024 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: \$1,907,085
  - Construction Schedule: 2024
  - Changes from Last TIP: First time project is appearing in the TIP. Project was funded in the last CMAQ program solicitation.



# FY 2021-2024 TIP- Key Projects in the SNHPC Region

- **Nashua-Merrimack-Bedford (13761 and Child Projects)**
  - Scope of Work: Widening two lane sections of F.E. Everett Turnpike from Exit 8 (Nashua) to I-293 (Bedford)
  - Total Funding in TIP: \$131,520,880 Total (\$25,799,704 in the SNHPC Region)
  - Construction Schedule: 2021-2025 (Partially Beyond TIP Horizon)
  - Changes from Last TIP: This project has been split into five components, two of which affect the SNHPC Region. Project #13761 is for PE and ROW phase work and Project #13761D is for Exit 13 to the I-293 Diverge in Bedford.



# FY 2021-2024 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: \$119,501 (PE Phase Work Only)
- Construction Schedule: 2028 (Beyond TIP Horizon)
- Changes from Last TIP: First time project is appearing in the TIP. Initial PE phase work will begin in 2024.





# FY 2021-2024 TIP- Key Projects in the SNHPC Region

- **Windham (40665)**

- Scope of Work: Intersection Improvements at NH Route 28/Roulston Road
- Total Funding in TIP: \$131,151 (PE Phase Work Only)
- Construction Schedule: 2026 (Beyond TIP Horizon)
- Changes from Last TIP: First time project is appearing in the TIP. Initial PE phase work will begin in 2022.



# FY 2021-2024 TIP- Key Projects in the SNHPC Region

- **Remaining Salem to Manchester (I-93 Expansion) Projects During TIP Period**
  - Project 10418X
    - \$159,500 in TIP Period
    - Final Design and ROW efforts to end in FY 2021
  - Project 14633
    - \$8,735,093 in TIP Period
    - Debt Service for I-93 Capacity Improvements (Northern Projects)
  - Project 14800B
    - \$29,604,144 in TIP Period
    - Debt Service for Exit 5 Reconstruction



# FY 2021-2024 TIP- Key Projects in the SNHPC Region

- **Remaining Salem to Manchester (I-93 Expansion) Projects During TIP Period**
  - Project 14800C
    - \$10,086,165 in TIP Period
    - Debt Service for Exit 3 Reconstruction
  - Project 14800F
    - \$3,069,201 in TIP Period
    - Debt Service for NB Mainline and NH 111A Relocation work in Windham



# FY 2021-2024 TIP- Key Projects in the SNHPC Region

- **NH Route 101 Corridor Study Implementation Projects**
  - Project 13692D
    - \$8,132,943 in TIP Period
    - Construction scheduled for 2023 (delayed from 2021-2022)
    - Traffic and Safety Improvements in Wilton, Milford, Amherst, and Bedford Consistent with the Intent of the 2002 Corridor Study.
    - A series of potential improvements are being evaluated for this project, and the final scope of work has not yet been determined.



# FY 2021-2024 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: \$17,452,545 (\$11,518,680 Federal and \$5,933,865 Local)
  - Changes from Last TIP: No changes of significance from current TIP.



# FY 2021-2024 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: \$621,184 (\$496,947 Federal and \$124,237 Local)
  - Changes from Last TIP: No changes of significance from current TIP.



# FY 2021-2024 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: \$199,367 (\$169,462 Federal, \$14,953 State, and \$14,953 Local)
  - Changes from Last TIP: No changes of significance from current TIP.



# FY 2021-2024 TIP- Statewide Programs Benefitting the SNHPC Region

- **The draft FY 2021-2024 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*
- *CMAQ to FTA Funding Transfer*
- *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*
- *Municipal-owned Bridge Rehabilitation and Replacement Program*
- *National Summer Transportation Institute*
- *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*
- *Transportation Alternatives Program*
- *Transportation and Civil Engineering Program*
- *Statewide Training Program*
- *Truck Weight Safety Inspection Program*
- *Transportation Systems Management and Operations Program*
- *Underwater Bridge Inspection program*
- *Statewide Signage Upgrade Program*





**Questions?**