# DRAFT - NRPC FY2O23-2O26 Transportation Improvement Program (TIP) DRAFT Minor Update - NRPC FY 2019-2045 Metropolitan Transportation Plan (MTP) (TTAC Meeting February 8<sup>th</sup>, 2023)



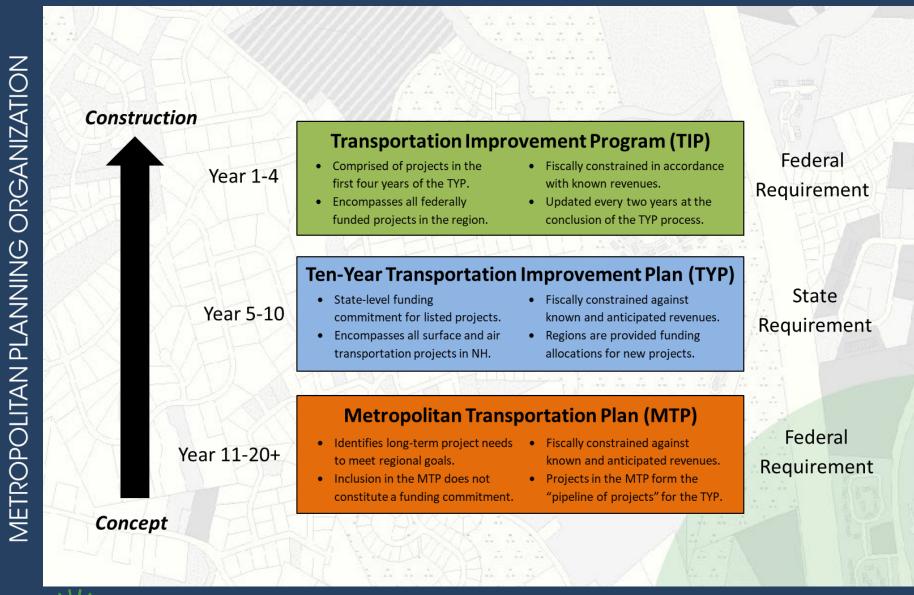
### FY 2023-2026 NRPC TIP

### **Today's Discussion**

- Required transportation planning documents
- Transportation Improvement Plan (TIP) development process
- Transportation Project list
  - New TIP projects
  - Completed projects
  - Ongoing projects
- Recommend adoption of TIP and minor update of MTP



## **Required Planning Documents**



NRPC

### FY 2023-2026 NRPC TIP

### **TIP Development Process**

- Begins when a new State Ten Year Plan (TYP) is adopted.
- ➤ 7/2022 Governor signed the 2023-2032 Ten Year Plan.
- 7/2022 11/2022 NHDOT assembled STIP from the first 4 years of the TYP.
- 11/2022 Initial project list was released to MPO's, RPC's, & other planning partners.
- > 12/2022 Interagency consultation & review.
- NHDOT incorporates comments & releases draft STIP along with fiscal constraint documentation.



### FY 2023-2026 NRPC TIP

### **TIP Development Process**

- 12/2022 1/2023 NRPC assembles TIP & prepare for approval process.
  - MTP project list & financial plan were also updated to maintain consistency with the TIP.
- 1/13/2023 30-day public comment period began.
- 2/8/2023 TTAC meeting to recommend adoption by NRPC MPO.
- 2/14/2023 Public comment period ends
- 2/15/2023 NRPC MPO public hearing to consider adoption of the TIP and minor MTP update.



### Amherst (40657)

Bridge Replacement – Thornton Ferry Rd. over Beaver Brook

### Merrimack (29174)

- Bridge Replacement US3 over Beaver Brook
- Pelham (29450)
  - Bridge Rehabilitation Old Bridge Street over Beaver Brook
- Wilton (15768)
  - Bridge Rehabilitation Old County Farm Road over Blood Brook

These local bridge projects have been added to the TIP because State Aid Bridge Funding previously programmed for Construction phase has been swapped with Federal (MOBIL, BRGBIL) to accelerate their schedules.



### Amherst (42593) – Baboosic Greenway

- Project Scope Rail trail between Baboosic Lake Road & Walnut Hill Road along abandoned railroad ROW
- Total Funding in TIP \$88,516 (preliminary engineering)
- Total Project Cost \$852,566
- Construction Schedule FY2029 (beyond TIP horizon)

### Changes from previous TIP:

- New Project
- PE added to FY2026



### Lyndeborough (41435) – NH Railroad

- Project Scope Address Red List bridge carrying Hillsborough Branch RR over Glass Factory Road
- Total Funding in TIP \$122,847
- Total Project Cost \$1,547,363
- Construction Schedule FY2028 (Beyond TIP horizon)

#### Changes from previous TIP: New Project

PE added to FY2026



### Hudson (42108) – Circumferential Highway

- Project Scope Plan, Eng. and Construct a roadway b/t NH3A & NH111, southern portion of Circ. Highway
- Total Funding in TIP \$884,661
- Total Project Cost \$54,679,257
- Construction Schedule FY2035 (Beyond TIP horizon)

#### Changes from previous TIP:

- New Project
- PE added to FY2024 & FY2025



### Nashua (42594) – F. E. Everett Turnpike

- Project Scope Realign Exit 5E southbound off-ramp & southbound on-ramp
- Total Funding in TIP \$61,144
- Total Project Cost \$1,115,362
- <u>Construction Schedule</u> FY2030 (beyond TIP horizon)

#### **Changes from previous TIP:**

- New Project
- PE phase added to FY2026



### Nashua (42717) – Broad Street Parkway

- Project Scope Construct a new interchange to connect to Franklin Street and Front Street
- Total Funding in TIP \$137,978
- Total Project Cost \$1,517,771
- Construction Schedule FY2028 (beyond TIP horizon year)

#### **Changes from previous TIP:**

- New Project
- PE phase added to FY2026



### Nashua (43509) – Various Streets Downtown

- Project Scope Installation of Rectangular Rapid-Flashing Beacons (RRFB), crosswalk visibility enhancements
- Total Funding in TIP \$525,000
- Total Project Cost \$565,000
- Construction Schedule FY2023

#### **Changes from previous TIP:**

- New Project
- PE, ROW, CON phases added to FY2023



### Nashua (44141) – Cotton Mill ADA Ramp

- Project Scope Cotton Mill Transfer Bridge across Nashua River near Front Street. Construction of an ADA compliant ramp providing full access to this pedestrian bridge.
- Total Funding in TIP \$ 2,935,050
- Total Project Cost \$2,935,050
- Construction Schedule FY2023

#### **Changes from previous TIP:**

- New Project
- Congressionally Designated Spending
- PE & CON phases added to FY2023



- Nashua-Merrimack-Bedford (13761, 13761 A, B, C, E) F.E. Everett Turnpike
  - Project Scope F.E.E. Turnpike widening of 2-lane sections from Exit 8 Nashua to I-293 Bedford
  - Total Funding in TIP
    - \$6,000,000 (Project 13761)
    - \$34,819,328 (Project 13761A; Exit 8-10),
    - \$13,070,754 (Project 13761B; Wire Rd & Baboosic Rd Bridges),
    - \$79,138,949 (Project 13761C; Exit 11-13),
    - \$19,272,752 (Project 13761E; Bedford Rd to Exit 13)
  - Construction Schedule FY2023-2026 (and beyond TIP horizon)

#### Changes from previous TIP:

Project 13761"E" has been added



Value yesterday. Enhance tomorrow. Plan today

EVERETT

### WIL-MILF-AMH-BED (13692D & 13692E) – NH101

- Project Scope Traffic and safety improvements consistent with the intent of the 2002 corridor study
- Total Funding in TIP \$9,117,428 (Project 13692D) & \$7,390,342 (Project 13692E)
- Construction Schedule FY2023-24 (13692D) & FY2025-26 (13692E)

### Changes from previous TIP:

- ✤ New Project 13692 "E" Blueberry Hill Rd. to Camp Rd.
- Existing Project "D" Approximately Phalen Rd to NH13
- Public Information Meetings
  - ✤ 3/6 Amherst Town Hall
  - ✤ 3/7 Milford Town Hall
  - ✤ Agenda item @ 3/8 TTAC meeting



### FY 2023-2026 NRPC TIP

### FY 2021-2024 TIP Projects Completed or Removed

Project ID	<u>Municipality</u>	Location and Scope	<u>Status</u>
41413	Amherst	Rehab of red list bridge carrying NH 122 Main St. over NH 101 (Bridge ID 135/109)	Completed
41727	Merrimack	F.E. Everett Turnpike - Exit 11 toll plaza removal	Completed
42883	Milford	Osgood Road & Armory Road - Construct 5' sidewalk & bicycle lane off of Osgood Road & Armory Road	Removed
42887	Milford	NH 101A, Nashua St Construct Sidewalks along Nashua St.	Removed
41745	Nashua	To expand Nashua Transit System(NTS) west along NH101A to Walmart in Amherst. CMAQ-to-FTA transfer	Operating/FTA funded
NTS5339B	Nashua Transit System	FTA 5339B Discretionary funds for Capital projects	Completed
NTS5339C	Nashua Transit System	FTA 5339C Discretionary funds for Low/No Emission Bus & Bus related facilities Capital Projects	Completed



- Bedford-Merrimack (16100) F. E. Everett Turnpike
  - Project Scope Improvement to Bedford Mainline Toll Plaza to Institute Open Road or All Electronic Tolling
  - Total Funding in TIP \$11,250,021
  - Total Project Cost 13,455,021
  - Construction Schedule FY2023-24

#### **Changes from previous TIP:**

- The All-Electronic Tolling option has been selected for implementation (versus Open Road Tolling option)
- Construction phase moved from FY2021 to FY2023-24
- 17% decrease in total project cost







### Brookline (40662) – NH 13

- Project Scope Construct southbound left turn lane onto Old Milford Road
- Total Funding in TIP \$782,597
- Total Project Cost \$892,597
- Construction Schedule FY2026

### Changes from previous TIP:

Construction phase has been added

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### Hudson (41754) – NH 3A

- Project Scope Construct a third southbound right turn lane from NH 3A/Lowell Road onto Sagamore Bridge
- Total Funding in TIP \$1,254,000
- Total Project Cost \$1,552,796
- Construction Schedule FY2023

#### Changes from previous TIP: PE, ROW, & CON phases moved to FY2023

### Merrimack (10136D) – NH 101A

- Project Scope Safety improvements at NH 101A / Continental Blvd & at Craftsman Lane / Boston Post Road
- Total Funding in TIP \$4,828,374
- Total Project Cost \$6,643,374
- Construction Schedule FY2023

#### Changes from previous TIP:

Construction phase moved to FY2023



### Milford (40300) – Milford Oval

- Project Scope Improvements to the oval area
- Total Funding in TIP \$1,861,251
- Total Project Cost \$2,032,346
- Construction Schedule FY2023

#### Changes from previous TIP: PE phase moved to FY2023

### Milford (41587) – Bridge Street

- Project Scope Rehabilitation of the Swing Bridge
- Total Funding in TIP \$839,228
- Total Project Cost \$899,728
- Construction Schedule FY2025

### Changes from previous TIP:

ROW & Construction phases added



### Nashua (10136A) – NH 101A

- Project Scope Capacity, pedestrian, bike, and transit improvements to NH 101A from Celina Avenue to Somerset Parkway
- Total Funding in TIP \$15,633,210
- Total Project Cost \$22,988,193
- Construction Schedule FY2025-2026

#### **Changes from previous TIP:**

- PE moved to FY2023-24
- ROW moved to FY2024-25
- Construction phase added



### Nashua (16314) – East Hollis Street

- Project Scope Intersection improvements at East Hollis Street and Bridge Street from C Street to the Hudson Town Line.
- Total Funding in TIP \$3,236,738
- Total Project Cost \$3,766,738
- Construction Schedule FY2024

#### **Changes from previous TIP:**

- PE & ROW phases moved to FY2023
- Construction phase moved to FY2024



### Nashua (40660) – East Hollis Street

- Project Scope Improvements along East Hollis Street from Main Street east to C Street (limit of project 16314)
- Total Funding in TIP \$3,831,282
- Total Project Cost \$3,831,282
- Construction Schedule FY2025

#### **Changes from previous TIP:**

- PE phase moved to FY2023
- Construction phase added to FY2025



### Nashua (41585) – D. W. Highway

- Project Scope D.W. Highway pedestrian safety improvements
- Total Funding in TIP \$127,670
- Total Project Cost \$575,888
- Construction Schedule FY2027 (beyond TIP horizon)

#### Changes from previous TIP: PE & ROW phases added to FY2025



### Nashua (41586) – Walnut St/Chestnut St/Central St

- Project Scope Safety, capacity and multimodal access improvements to the Walnut Street Oval intersection
- Total Funding in TIP \$2,507,110
- Total Project Cost \$2,507,110
- Construction Schedule FY2027 (beyond TIP horizon)

#### **Changes from previous TIP:**

- Congressionally Designated Spending
- PE & ROW phases added to FY2025



### Nashua (41742) – Heritage Rail Trail East

- Project Scope Construct the Heritage Rail Trail East
- Total Funding in TIP \$1,384,661
- Total Project Cost \$1,523,134
- Construction Schedule FY2024

#### **Changes from previous TIP:**

- PE phase moved to FY2023
- CON phase moved to FY2024



### Nashua (42882) – Main St/Canal St/Franklin St

- Project Scope Intersection and Roadway Improvements, Main St/Canal St/Franklin St
- Total Funding in TIP \$932,202
- Total Project Cost \$1,630,196
- Construction Schedule FY2026

#### **Changes from previous TIP:**

- PE phase moved to FY2023-24
- ROW phase moved to FY2024
- CON phase moved to FY2026



- Nashua Transit System (NTS5307) FTA Section 5307 Urbanized Area Formula Funding
  - Project Scope Operating, ADA paratransit, Fleet Replacement, Preventative Maintenance, and Planning for NTS services
  - Total Funding in TIP \$14,106,311 (\$7,053,156 Federal & \$7,053,156 Local)

#### Changes from previous TIP:

Funding reflects FTA apportionment levels



- Nashua Transit System (NTS5310) FTA Section 5310 Funding for Seniors and Individuals with Disabilities
  - <u>Project Scope</u> Annual Section 5310 Apportionment for Transportation of Seniors and Individuals with Disabilities.
  - Total Funding in TIP \$1,180,506 (\$944,405 Federal & \$236,101 Local)

#### Changes from previous TIP: Funding reflects FTA apportionment levels

- Nashua Transit System (NTS5339) FTA Section 5339 Bus & Bus Facilities
  - <u>Project Scope</u> NTS FTA 5339 Formula Funds for Capital Projects, including fleet replacement, rehabilitation, passenger amenities & construction/rehab of bus-related facilities
  - Total Funding in TIP \$699,279 (\$559,423 Federal & \$139,856 Local)

#### **Changes from previous TIP:**

Funding reflects FTA apportionment levels



### Pelham (16145) – Main Street

- Project Scope Main Street over Beaver Brook bridge replacement #110/090 and culvert replacement #111/090
- Total Funding in TIP \$2,078,310
- Construction Schedule FY2024

#### **Changes from previous TIP:**

- PE & ROW phases moved to FY2023
- CON phase moved to FY2024



### Pelham (41751) – NH128 & Sherburne Road

- Project Scope Intersection improvements at the intersections of NH 128/Sherburne Road & NH128/NH 111A
- Total Funding in TIP \$1,048,259
- Construction Schedule FY2026

#### **Changes from previous TIP:**

- PE & ROW phases moved to FY2023
- CON phase moved to FY2026



### The draft FY 2023-2026 TIP also includes all Statewide Programs that may benefit the NRPC 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

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### TBLE 6: FY 2023-2026 TIP Programmed Funds for Projects in the NRPC Metropolitan Planning Area

#### Estimated Share of Available Funding - NPC Region<sup>1</sup>

Fiscal Year	Federal	State <sup>2</sup>	Other	Statewide Programs <sup>3</sup>	Total Funding
2023	\$20,875,727	\$13,621,213	\$2,895,245	\$15,791,250	\$53,183,435
2024	\$18,568,965	\$52,593,811	\$2,435,969	\$12,520,976	\$86,119,722
2025	\$9,996,798	\$44,667,989	\$5,470,887	\$15,942,978	\$76,078,652
2026	\$16,911,473	\$36,722,147	\$3,047,475	\$16,166,118	\$72,847,214
	\$66,352,964	\$147,605,160	\$13,849,576	\$60,421,322	\$288,229,022

1 - Estimated based on STIP programming of projects in MPO region plus 12.35% share of statewide program funds

2 - Includes state funds for matching federal dollars as well as turnpike funds

3 - Calculated as 12.35% of funds programmed for "Statewide" projects and programs between 2023 and 2026



- The draft TIP also incorporates updated system performance targets:
  - PM1 (Safety) adopted at the December TTAC & MPO meetings motor vehicle crash targets
  - PM2 (Pavement & Bridge Condition)
  - PM3 (System Performance)
    - PM2 & PM3 will be reviewed later in today's meeting
  - Nashua Transit System
    - Transit Asset Management
    - Public Transportation Safety Targets



- Important Dates
  - December 8 February 17
    - MPOs/RPCs meetings & approvals
  - February 17 24
    - NHDOT Public Comment Period end date
  - February 27 March 3
    - DES approval
  - March 6 April 6
    - Federal Approval



### > Questions?

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