

Transportation Improvement Program (TIP) and Long Range Transportation Plan (LRTP)

Adopting the 2021-2024 TIP & Updating the 2045 LRTP



Lexicon

- CMAQ = Congestion Mitigation & Air Quality Program
- DES = Department of Environmental Services Air Resources Division
- FHWA = Federal Highway Administration
- FTA = Federal Transit Administration
- GACIT = Governor's Advisory Commission on Intermodal Transportation
- HSIP = Highway Safety Improvement Program
- LRTP = MPO/RPC Long Range Transportation Plan
- STIP = State Transportation Improvement Program
- TA or TAP = Transportation Alternatives Program
- TIP = MPO/RPC Transportation Improvement Program
- TYP = State Ten Year Plan

2021-2024 Transportation Improvement program (TIP) & 2045 Long Range Transportation Plan

- **30 Day Public Comment Period** began on February 8 and concludes on March 9, 2021
- **Public Hearing** on March 10, 2021 at the start of the MPO meeting
- Once all MPO TIPs are approved the State TIP (STIP) is submitted for Federal approval
- MPO TP & LRTP must be *consistent* in that TIP projects must be shown with similar cost and timing in the LRTP.

<https://publicinput.com/2021TIP>

Regional Projects

The funding allocated to regional projects included in the TIP for implementation is summarized in **Figure 7-3** and each of the projects are listed individually in **Figure 7-4**. Projects are sorted by community/location and project numbers and represent all projects that are either federally funded or are considered regionally significant and thus require federal action as part of the TIP approval. Figure 7-4 includes all individually listed projects in the region with the exception of the FTA funding for the regional transit agencies. Each of these agencies (CART, COAST, and UNH Wildcat Transit) show a single project for each of their FTA funding allocations. Further details on the transit projects are included in Section 7.4 and the accompanying figures. The project details incorporated into Figure 7-4 include project name and number, location, general scope, programmed cost by phase and year inflated to year of construction costs for each year after 2019. Total costs for each project are also shown and this includes costs accrued for the years before and that may be programmed after the TIP timeframe.

Figure 7-3: Total Funding for Individually Listed TIP Projects by Fiscal Year and Source

Fiscal Year	Federal	State	Other	Total
2019	\$ 43,444,947	\$ 36,367,659	\$ 19,534,037	\$ 99,346,642
2020	\$ 45,781,722	\$ 35,319,458	\$ 2,044,896	\$ 83,146,076
2021	\$ 25,185,619	\$ 25,029,858	\$ 6,858,004	\$ 57,073,480
2022	\$ 34,691,404	\$ 7,041,264	\$ 1,238,535	\$ 42,971,204
	\$ 149,103,692	\$ 103,758,560	\$ 29,675,471	\$ 282,537,402

Please Provide any comments regarding **Figure 7-4: Regional Projects**. Include all comments on Figure 7-4 as a single response. Make sure to click "Comment" below when you are done with your response for your input to be saved.

Share your thoughts and ideas...

Your name (optional)

David Walker

Comment

MPO Long Range Transportation Plan

State Ten Year Plan

MPO TIP

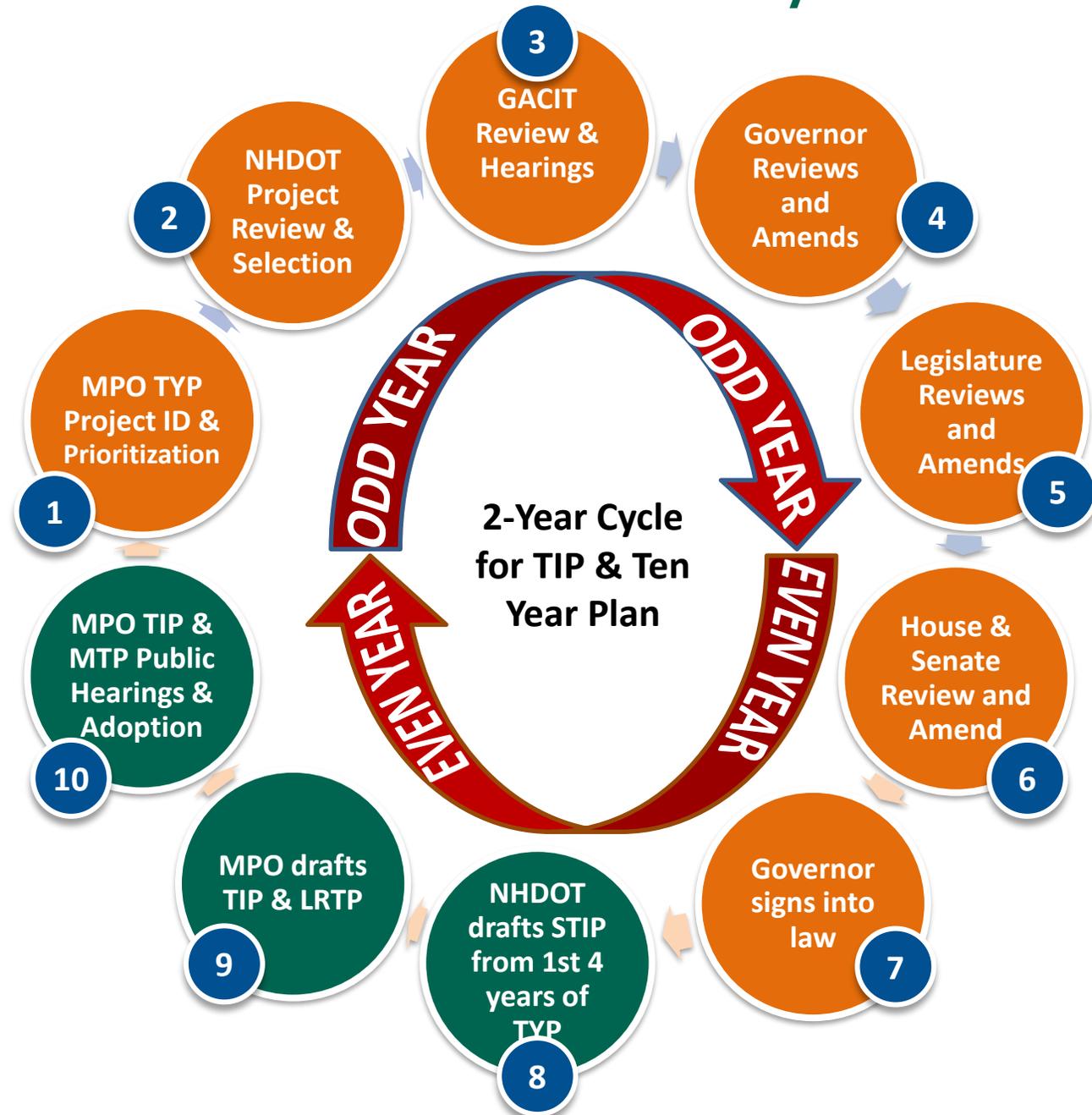
4 Years	10 Years	20+ Years	Planning Horizon
2 Years	2 Years	4-5 Years	Update Cycle
Federal Funding Dedicated	State Commitment to Funding Project	MPO Identifies Funding Available	Funding Commitment
Fiscally Constrained By Federal Rule	Fiscally Constrained by State Law	Fiscally Constrained by Federal Rule	Fiscal Constraint
Project Implementation	Project Development	Project Concept	Project Stage
Federally Funded & Regionally Significant	Federal and State Funded	Federally Funded & Regionally Significant	Project Types included
Projects Designed and Implemented	Projects queued by year but advance to TIP when ready	Provides Candidates for State Ten Year Plan Project Prioritization	Project Advancement
Regional TIPs are combined to create State TIP (STIP)	Regions have "Target" funding allocations to set priority projects	Establishes MPO Goals, objectives, and priorities	Other
2021 2022 2023 2024	2025 2026 2027 2028 2029 2030	2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045	

L RTP Process



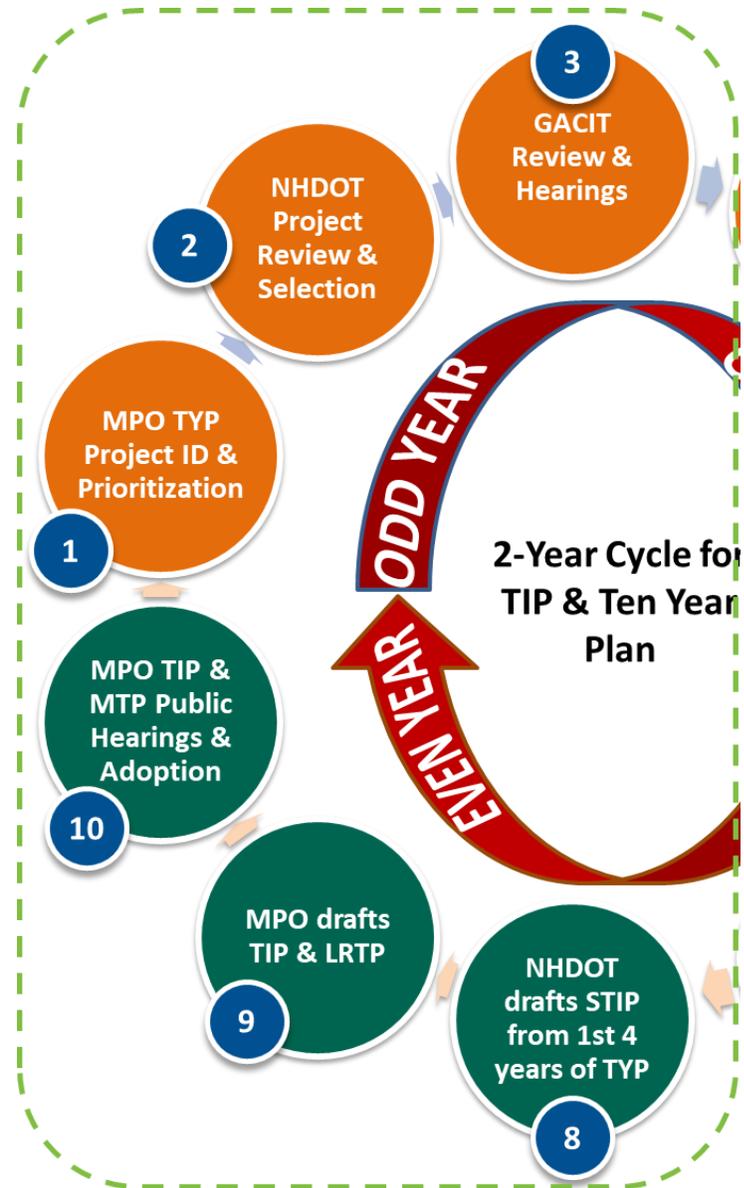
- Major Updates of all components every 4 years
- Update Project list every two years in coordination with Ten Year Plan process
- L RTP provides initial list of projects for the Ten Year Plan
- Prioritization process determines when a project is “scheduled” in the L RTP

Ten Year Plan & STIP/TIP Process



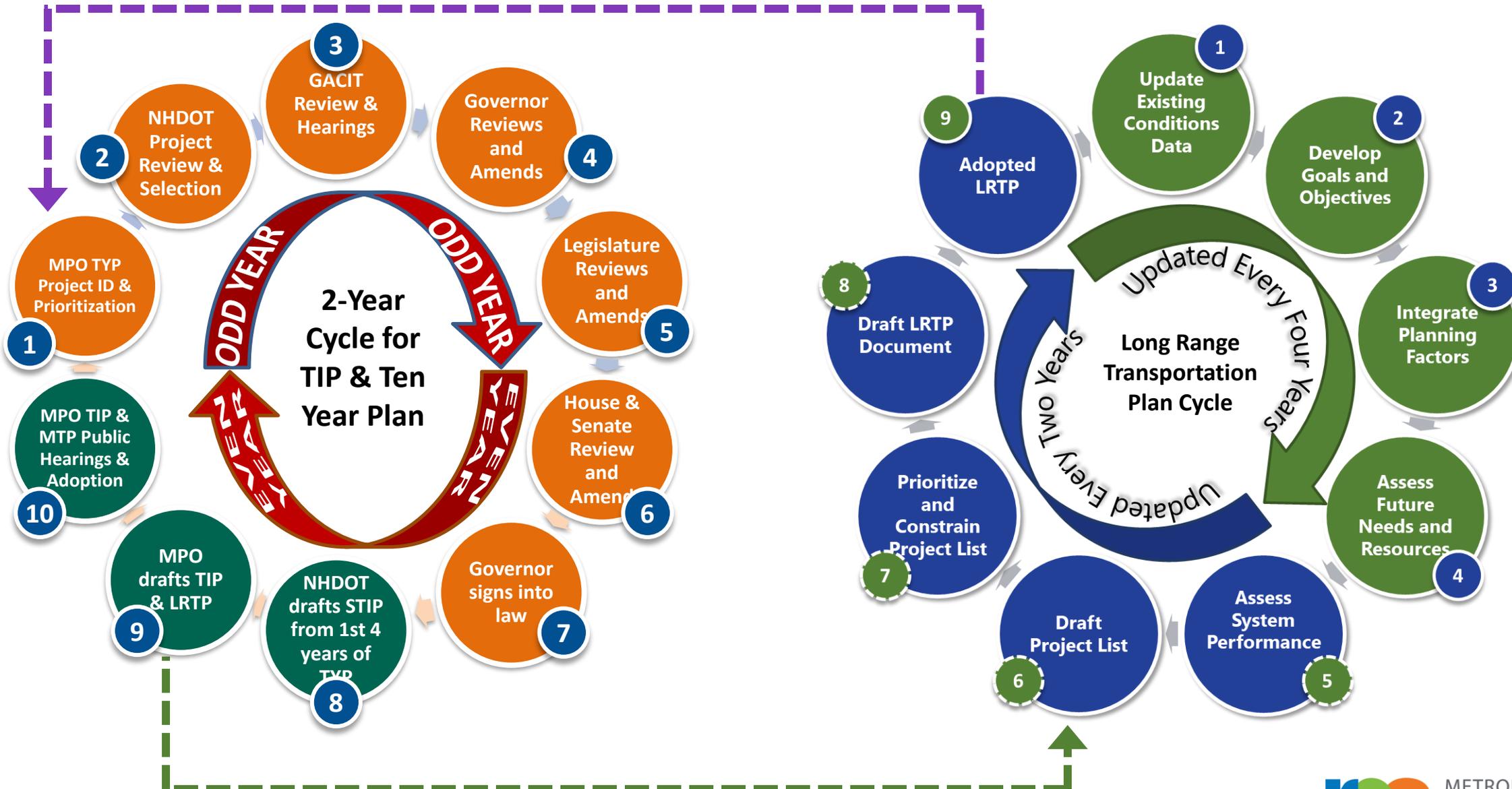
- 2-Year Cycle
- MPO involved at beginning and end of process
- Governor Signing Ten Year Plan starts STIP development
- DOT builds STIP from first 4 years of Ten Year Plan and ongoing projects
- MPO builds TIP from Draft STIP released by NHDOT

MPO ROLE IN THE STATE TEN YEAR PLAN



1. Identify regional transportation project priorities
2. MPO provides feedback to NHDOT on initial draft of Ten Year Plan
3. Provide Input to GACIT (District 3) on the contents of the draft Ten Year Plan. Present MPO Planning Process and Priorities at public hearings.
8. Review draft STIP and provide feedback to NHDOT regarding projects included (or not)
9. Draft Regional TIP and update Long Range Plan project listing based on approved TYP contents
10. Approve new 4-year TIP and updated LRTP

L RTP → Ten Year Plan → TIP Interaction

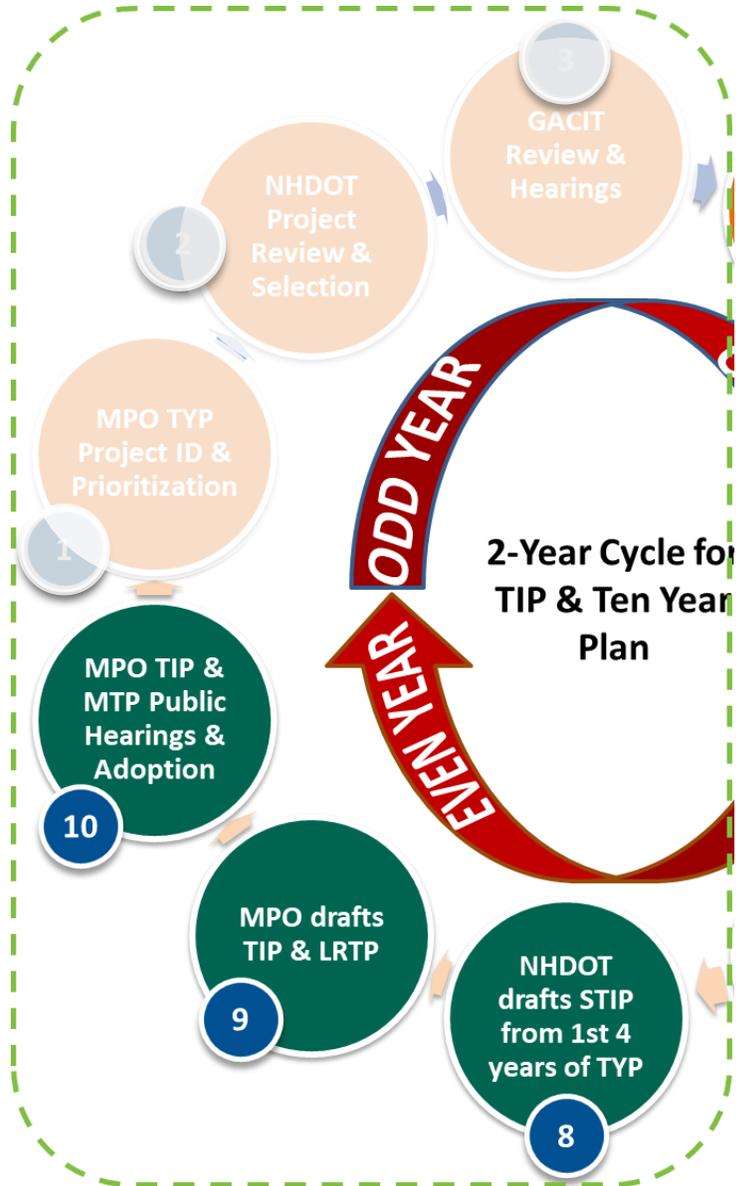


Transportation Improvement Program (TIP)

Adopting the 2021-2024 TIP



2021-2024 TIP Update



- Builds off 2021-2030 Ten Year Plan signed by the Governor
- Incorporates information on ongoing projects
- Adds new projects for two outer years (2023-2024)
- Becomes first four years of Long Range Transportation Plan
- More stringent fiscal constraint requirements than the Ten Year Plan

2021-2024 TIP Update

What is included in the update:

- ✓ Project listing and information
- ✓ Fiscal constraint documentation
- ✓ Public Involvement section
- ✓ MPO System Performance Report
- ✓ Technical updates to other components



Status of Projects in the 2019-2022 TIP

Status of Projects Scheduled for 2019 or 2020 from the 2019-2022 TIP (Figure 10 From TIP)

Status	#	% of Total		Funding	% of Total
Completed/In Progress	11	46%		\$ 169,983,085	74%
Delayed to 2021 or later	12	50%		\$ 60,894,545	26%
Dropped	1	4%		\$ 275,000	0.1%
Total	24	100%		\$ 231,152,630	100%

Status of Projects in the 2019-2022 TIP

Projects Completed or In Progress (TIP Figure 11)

Project Number	Project Name	Route	Scope	Total Cost	Status
41744	COAST	COAST	COAST - capital/oper for Newington-Dover infrastructure project support. CMAQ-to-FTA transfer.	\$9,930,559	Completed
29609	Hampton	NH 1A	Engineering study / design for Ocean Blvd improvements	\$275,000	Completed
29610	Hampton Falls	US 1	Intersection improvements to enhance traffic operations and safety	\$275,000	Study in progress
11238Q	Newington-Dover	Spaulding Turnpike	Reconstruct Spaulding Tpk from LBB to Dover Toll Booth & Exit 6 interchange (incl. new soundwalls)	\$70,643,719	Completed
13455D	Portsmouth	US 1 Bypass	US 1 Bypass: Replace Woodbury Avenue and Stark Street bridges over US 1 Bypass	\$7,059,481	Completed
27690	Portsmouth	US 1 Bypass	Culvert Rehabilitation, US 1 By-Pass over Hodgson Brook Br No 192/106	\$1,802,329	Completed
16189	Portsmouth, NH – Kittery, ME	I-95	Rehabilitation of Bridge Over Piscataqua River (High Level Bridge)	\$33,913,000	In Progress
12334A	Salem	NH 28	Phase 1 roadway and building demo for Salem #12334 Depot Project at intersection of NH28 & NH97	\$580,000	In Progress
12334	Salem	NH 28	Reconstruct Depot Intersection NH28 (Broadway) and NH 97 (Main Street) Add Turn Lanes on NH28 MUPCA	\$12,229,780	In Progress
13933A	Salem to Manchester	I-93	Mainline, State Line to Exit 1 NB & SB	\$22,055,019	Completed
14633J	Salem to Manchester	I-93	Exit 1 to Exit 5 - Construct 4th lane northbound and southbound	\$11,935,000	Completed
42292	Statewide Tier 2(S) Resurfacing	Various Tier 2 South	Resurfacing of various Tier 2 roadways in the Southwest region for Maintenance & Preservation	\$5,746,184	Completed
42293	Statewide Tier 2(SE) Resurfacing	Various Tier 2 Southeast	Resurfacing of various Tier 2 roadways in the Southeast region for Maintenance & Preservation	\$3,743,573	Completed

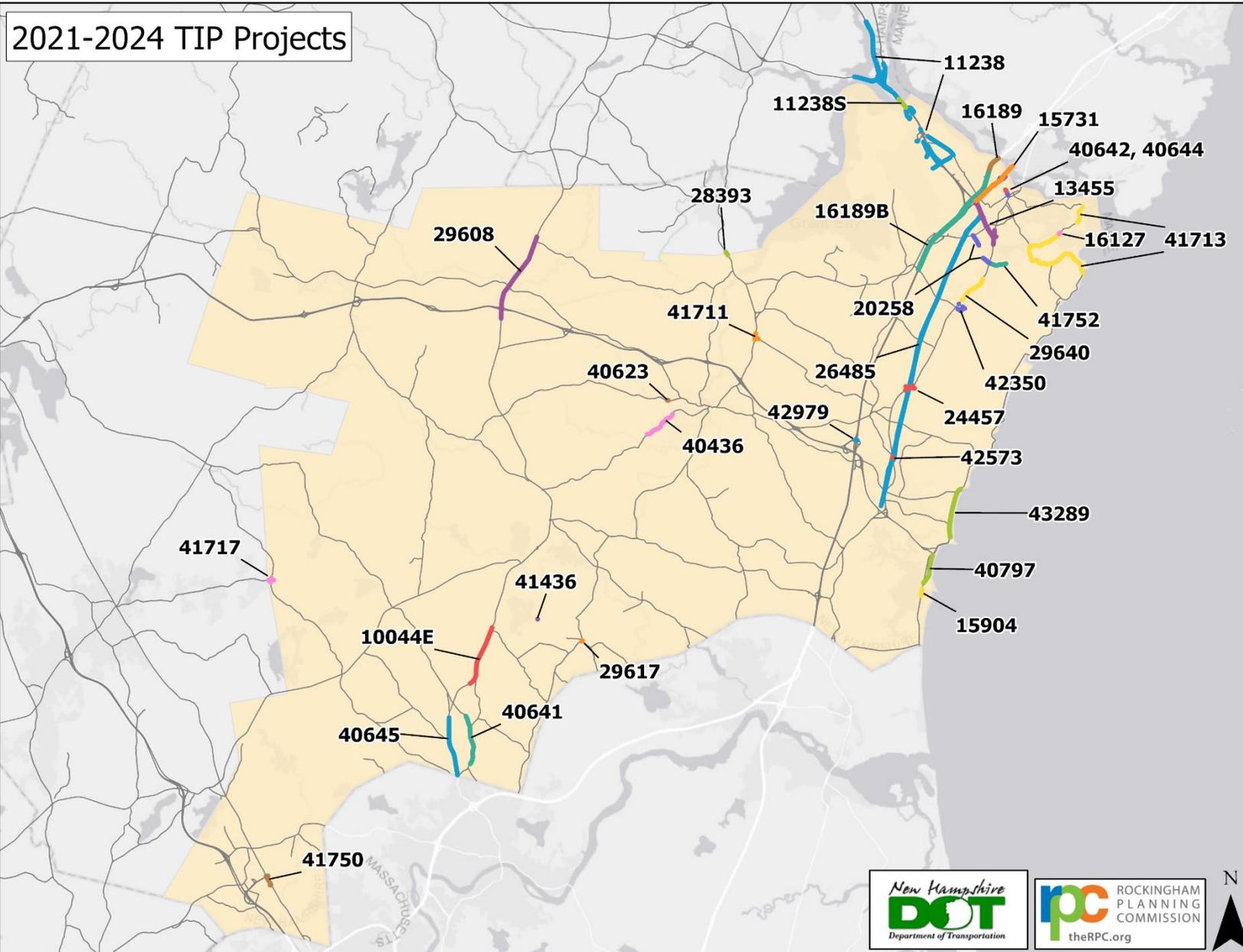
Status of Projects in the 2019-2021 TIP (Figure 11)

Projects Delayed or Discontinued (TIP Figure 11)

Project Number	Project Name	Route	Scope	Total Cost	Status
41743	Exeter	Rockingham Control Siding	Rehabilitate the Rockingham Control Siding	\$1,600,000	Delayed to 2022
40436	Exeter	NH 111	Widen shoulders to 5' on Kingston Road (NH Route 111) for approximately 1.1 miles. (14-26TAP)	\$1,072,008	Delayed to 2023
26485	Hampton – Portsmouth	Hampton Branch Rail Corridor	Purchase rail corridor from Hampton to Portsmouth approximately 9.7 miles and improve trail surface.	\$4,400,000	Delayed to 2022
16127	New Castle-Rye	NH 1B	Bridge replace, Single Leaf Bascule Bridge, NH 1B over Little Harbor (Red List) Br No 066/071	\$2,132,505	Delayed to 2022
11238S	Newington-Dover	Spaulding Turnpike	Remove the superstructure General Sullivan Br & provide the most cost effective bike/ped connection	\$33,809,996	Delayed to 2024
41752	Portsmouth	Elwyn Road	Add a multi-use path for bike/ped along Elwyn Rd extending from Rt1 to Harding Rd.	\$1,024,353	Delayed to 2021
42350	Portsmouth	Lang Rd/ Longmeadow Rd /US 1	Realign Lang Road to connect to Longmeadow Road	\$1,081,489	Delayed to 2021
20258	Portsmouth	Peverly Hill Road	Const. new sidewalk and striped bicycle shoulders and associated drainage along Peverly Hill Road.	\$1,738,036	Delayed to 2022
40893	Portsmouth	Grafton Road	Study the long-term needs of the Portsmouth Transportation Center	\$275,000	Dropped
41750	Salem	M&L Rail Line	Add .3 miles to Salem Bike-Ped Corridor which runs along abandoned Manchester & Lawrence rail line.	\$867,978	Delayed to 2021
41712	Seabrook	US 1	Capacity improvements on US 1 between New Zealand Road and the Hampton Falls Town Line	\$2,962,621	Delayed to 2023

2021-2024 TIP Projects & Funding

2021-2024 TIP Projects



- 42 Regional Project/Contract Listings (\$237 Million)
- Transit funding grouped by agency and funding source
- 34 "Statewide" programs totaling approximately \$345 Million



Regional Projects Summary

Source	2021	2022	2023	2024	Total	% of Total
Federal	\$41,926,763	\$54,590,548	\$37,826,451	\$36,786,794	\$171,130,556	72.3%
State	\$13,100,821	\$6,048,008	\$20,892,260	\$14,960,141	\$55,001,230	23.2%
Local/Other	\$3,292,532	\$2,261,523	\$2,996,426	\$2,119,685	\$10,670,166	4.5%
Total	\$58,320,116	\$62,900,079	\$61,715,137	\$53,866,620	\$236,801,952	100%

Phase	2021	2022	2023	2024	Total	% of Total
PE	\$7,536,688	\$5,025,642	\$1,008,509	\$377,800	\$13,948,640	5.9%
ROW	\$16,127,783	\$6,994,762	\$372,849	\$232,492	\$23,727,887	10.0%
CON	\$19,715,542	\$38,133,632	\$49,938,289	\$42,655,201	\$150,442,664	63.5%
OTHER	\$14,940,103	\$12,749,654	\$10,395,490	\$10,601,126	\$48,686,373	20.6%
Total	\$ 58,320,116	\$ 62,900,079	\$ 61,715,137	\$ 53,866,620	\$ 236,801,952	100%

2021-2024 TIP: 5 Largest Projects

Project	Total in TIP	Total Cost	
Replacement of NH 1A Bridge over Hampton Harbor (Seabrook-Hampton 15904)	\$ 21,058,191	\$63,695,665	
I-93 Debt Service (Salem to Manchester 14800A)	\$20,813,225	\$49,770,743	
Sarah Long Bridge (Portsmouth-Kittery 15731)	\$15,620,000	\$225,735,087	
General Sullivan Bridge Replacement/Rehabilitation (Newington-Dover 11238S)	\$14,388,114	\$32,643,977	
Plaistow-Kingston NH 125 Improvements (Plaistow-Kingston 10044E)	\$13,705,520	\$16,340,020	
	Total "Big" Projects	\$85,585,050	\$388,185,491
	% of Regional Funding	39.5%	

Transit System Funding

Project	Total in TIP
COAST FTA 5307 small urban system operating funding (COAST5307)	\$ 11,114,704
MTA FTA 5307 small urban system operating funding(MTA5307)	\$17,452,545
MTA FTA 5310 funding for seniors and individuals with disabilities (MTA5310)	\$621,184
MTA FTA 5339 funding for vehicles and equipment(MTA5339)	\$199,367
Boston Urbanized Area 5307 (FTA5307) [Intercity service & other uses]	\$19,298,573
Total Transit Projects	\$48,686,373

COAST and MTA/CART would also expect to receive a portion of the statewide funding for FTA 5307, FTA5310, FTA5339, and the CMAQ to FTA transfer.

Other Regional Projects

- Epping - NH 125 Expansion between NH 27 & 87
- Exeter – Kingston Road Shoulders
- Exeter – NH 111A Bridge replacement
- **Hampstead – NH121/Derry Rd/Depot Rd intersection (TYP)**
- Hampton – Ocean Blvd Reconstruction
- **Hampton – US 1 Bridge over Pan-Am RR (Bridge Program)**
- Hampton Branch Rail Corridor Purchase & Rail Trail
- New Castle-Rye NH 1B Bridge Replacement (Delayed due to need to coordinate with Seabrook-Hampton Bridge replacement)

Other Regional Projects

- New Castle-Rye – NH 1A and 1B bicycle and pedestrian improvements (TYP)
- Newfields-Newmarket – Bridge rehabilitations of NH 108 over B&M RR
- Newington-Dover – Continued work on the Spaulding Tpk expansion
- Newton – Rowe's Corner (NH 108) improvements
- Newton – Pond Street Bridge Rehabilitation/Replacement (TYP)
- North Hampton – Superstructure replacement of US 1 bridge over B&M RR
- Plaistow – Main Street Traffic Calming
- Plaistow – NH 125 Signal coordination and control improvements (TYP)

Other Regional Projects

- Portsmouth – Peverly Hill Road Sidewalks/Bike Lane
- Portsmouth – US 1 Capacity expansion from Ocean Blvd to Wilson Rd
- Portsmouth – Realign Lang Road with Ocean/Longmeadow roads
- Portsmouth – Complete Streets improvements on Maplewood Ave
- Portsmouth – Multi-use path along Elwyn Rd
- Portsmouth – Right turn lane at intersection of NH Ave and Arboretum Drive (Pease Development Authority) (CMAQ)
- Portsmouth – Electric Vehicle Charging Stations at PDA (CMAQ)
- Portsmouth – Market Street RR Crossing improvements (RR Crossing)

Other Regional Projects

- Salem – Signal operation and coordination improvements (CMAQ)
- Salem – Salem Depot expansion (NH 28 & NH 97)*
- Salem – Manchester & Lawrence RR bike path from Cluff Crossing to Rockingham Park Blvd.
- Salem – Construct 1 mile of Manchester & Lawrence RR bike path (CMAQ)
- Stratham – NH 108/Bunker Hill Avenue intersection improvements

* Not in Draft TIP but expected to be included with first Amendment

Programmatic Projects

- ADA
- BRDG-HIB-M&P
- BRDG-T1/2-M&P
- BRDG-T3/4-M&P
- CBI
- CMAQ-FTA
- CORRST
- CRDR
- DBE
- ENV-POST-CON
- FLAP
- FTA5307
- FTA5310
- FTA5339
- GRR
- HSIP
- LTAP
- MOBRR
- NSTI
- OJT/SS
- PAVE-T1-RESURF
- PAVE-T2-REHAB
- PAVE-T2-RESURF
- PVMRK
- RCTRL
- RRRCS
- SRTS
- STIC
- TA
- TRAC
- TRCK-WGHT-SFTY
- TSMO
- UBI
- USSS

- 34 “Statewide” programs totaling approximately \$345 Million
- “Grouped Projects” that are not required to be listed individually in TIP
 - Holding “Pots” for funds programmed through other methods (HSIP, TAP, etc.)
 - Statewide Preservation, Maintenance & Operations programs

Statewide Projects Summary

Source	2021	2022	2023	2024	Total	% of Total
Federal	\$85,486,109	\$67,666,042	\$72,093,519	\$78,430,130	\$303,675,800	88.1%
State	\$7,248,207	\$7,258,921	\$7,147,314	\$7,168,460	\$28,822,901	8.4%
Local/Other	\$3,144,627	\$3,164,890	\$2,929,971	\$2,951,052	\$12,190,540	3.5%
Total	\$95,878,943	\$78,089,853	\$82,170,804	\$88,549,642	\$344,689,241	100%

Phase	2021	2022	2023	2024	Total	% of Total
PE	\$4,564,105	\$3,152,848	\$2,645,950	\$2,375,950	\$12,738,853	3.7%
ROW	\$550,150	\$529,350	\$477,650	\$472,650	\$2,029,800	0.6%
CON	\$73,770,517	\$58,408,983	\$65,015,781	\$71,508,481	\$268,703,762	78.0%
OTHER	\$16,994,171	\$15,998,672	\$14,031,423	\$14,192,561	\$61,216,826	17.8%
Total	\$95,878,943	\$78,089,853	\$82,170,804	\$88,549,642	\$344,689,241	

RPC Projects within the Statewide Programs

Project Name	Project Number	Location	Scope	2021-2024 Funding
Candia-raymond	43221	NH 27	Address Preservation needs on 3 bridges in Candia & Raymond on NH 27	\$792,000
Central Turnpike Drainage Rehabilitation	40042	F.E. Everett Turnpike	Turnpike Drainage Rehabilitation along Eastern and Central Turnpike facilities	\$676,342
Danville (Hand)	43140C	NH 111A	Replace Hand salted well.	\$29,325
Eastern Turnpike Paving	41822	I-95 & NH 16	I-95 & NH 16	\$8,800,842
Eastern Turnpike Resurfacing	42264	I-95, Spaulding Turnpike	Eastern Turnpike Resurfacing of I-95 and Spaulding Turnpike	\$6,149,600
Exeter	43254	NH Route 85	Rehabilitation of a 42" cmp carrying Rocky Hill Brook under NH 85 located just north of NH 101.	\$410,300
Exeter	14090A	PARK STREET	BRIDGE REPLACEMENT OVER B&M RAILROAD	\$1,057
Exeter-hampton	42848	NH 101	Pavement preservation on NH 101 from MP124.6 7.9 miles - Include Exits 10, 11, 12 & 13	\$8,681,448
Fremont	23793	MARTIN RD	Bridge Replacement-Martin Rd. over Piscassic River-Br. #155/133	\$669,240
Greenland (Miles)	43140B	NH 151	Replace Miles salted well.	\$30,750
Guardrail Repair South	42444	Blue Star, FEET & Spaulding Turnpike, I-93, Rt 101	Central, Eastern Turnpikes, I-93 and Rt. 101 guardail repair on as needed basis.	\$687,734
Hampstead	43275	NH 111	Rehabilitation of a 42" cmp connecting Johnson's Pond.	\$385,000

RPC Projects within the Statewide Programs

Project Name	Project Number	Location	Scope	2021-2024 Funding
Hampton-North Hampton-Portsmouth	42115	I-95	Hi-mast light replacement with LED lighting at Exits 2, 3 and 4 interchanges of I-95	\$760,884
Lee-Barrington/Plaistow	43056	NH 125	Pavement Preservation	\$2,677,840
New Castle	42517	Wentworth Road NH1B Beach Hill Road Neals Pit Lane	Construct bicycle shoulders and sw along Wentworth Rd, NH 1B from Beach Hill Rd. To Neals Pit Ln	\$421,682
North Hampton	43290	NH 111 and NH 151	Safety Improvements at NH111 and NH151 intersection in North Hampton	\$50,000
North Hampton Bridge Painting	42917	I 95	Turnpikes R&R Program Bridge Painting	\$2,065,417
Plaistow	23117	WESTVILLE ROAD	Bridge Replacement-Westville Road over Little River-Br. #122/072	\$10,901
Rye	43002	NH Route 1A	Replacement of 4 ft x 5.5 ft stone walled, concrete deck culvert just north of Locke Rd.	\$883,154
Statewide	42473	Signal Repairs-Variou Intersections	Repair to signals at various intersections including Nashua (2), Straham (2), Rochester, and others	\$139,702
Statewide Guardrail	41939	I-95, I-93, I-293, FEET and NH 16	Replacement and repair of guardrail systems along the Turnpike facilities	\$697,032
Statewide Pavement Leveling	BET-RL-HQ	All State Highways	Pavement Leveling of highways in advance of resurfacing the next Fiscal Year and frost heave damage	\$9,600,000
Statewide Signs	42921	Various	Replacement and upgrade of signs due to condition and improved compliance, I-93 Exits 25, 27 & 28.	\$73,224
Statewide Tier 2 (SE) Resurfacing	42292	Various Tier 2 Southeast	Resurfacing of various Tier 2 roadways in the Southeast region for Maintenance & Preservation.	\$1,949,030

Comments Received

- 28 View of public engagement portal but no comments to date.
- DES noted a technical edit needed for the Air Quality Conformity (Section 5.4)
 - The item listed does not qualify as a Transportation Control Measure and will be removed for the final version.
- Continuing to review project list and financials to ensure accuracy
- Awaiting feedback from NHDOT, FHWA, and FTA

Recommended Action

- Recommend adoption of the 2021-2024 TIP to the MPO Policy Committee (motion and vote after Long Range Plan presentation)
 - ✓ The TIP and Plan are Fiscally Constrained
 - ✓ The TIP and Plan reflect regional priorities
 - ✓ Transportation Conformity has been addressed as required
 - ✓ The TIP and Plan make progress towards achieving the region's performance targets.

Comments? Questions?

Long Range Transportation Plan (LRTP)

Updating the 2045 LRTP



PLANNING PROCESS IN NH

2045 Long Range Transportation Plan (LRTP)

20+ Year Horizon

- Long & Short Term Actions
- Regional Policies and Goals
- Regionally Significant Projects
- Fiscally Constrained
- Projects priorities for 10 Year Plan
- Major updates every 4-5 years
- Minor update with Ten Year Plan/TIP

2021-2030 State Ten Year Plan

10 Year Queue of Identified Needs

- Fiscally Constrained
- Statewide Project list
- State commitment to a project
- Regional funding "targets"
- Projects advance to TIP when ready
- Updated every 2 years

2021-2024 Transportation Improvement Program (TIP)

4 Year short-range project list

- Near-term implementation
- Federally Funded or Regionally Significant
- Dedicated Funding for listed projects
- Fiscally Constrained
- Regional TIPs together create State TIP
- Updated every 2 years

2045 Long Range Transportation Plan

- Interim update focused on maintaining consistency with the TIP and Ten Year Plan.
 - Updated **project listing & fiscal analysis** to reflect current projects in Ten Year Plan and TIP
 - Shifted **project timing** to reflect prioritized project list
 - Further incorporate **Performance Based Planning**
- Full update scheduled to be completed in 2023



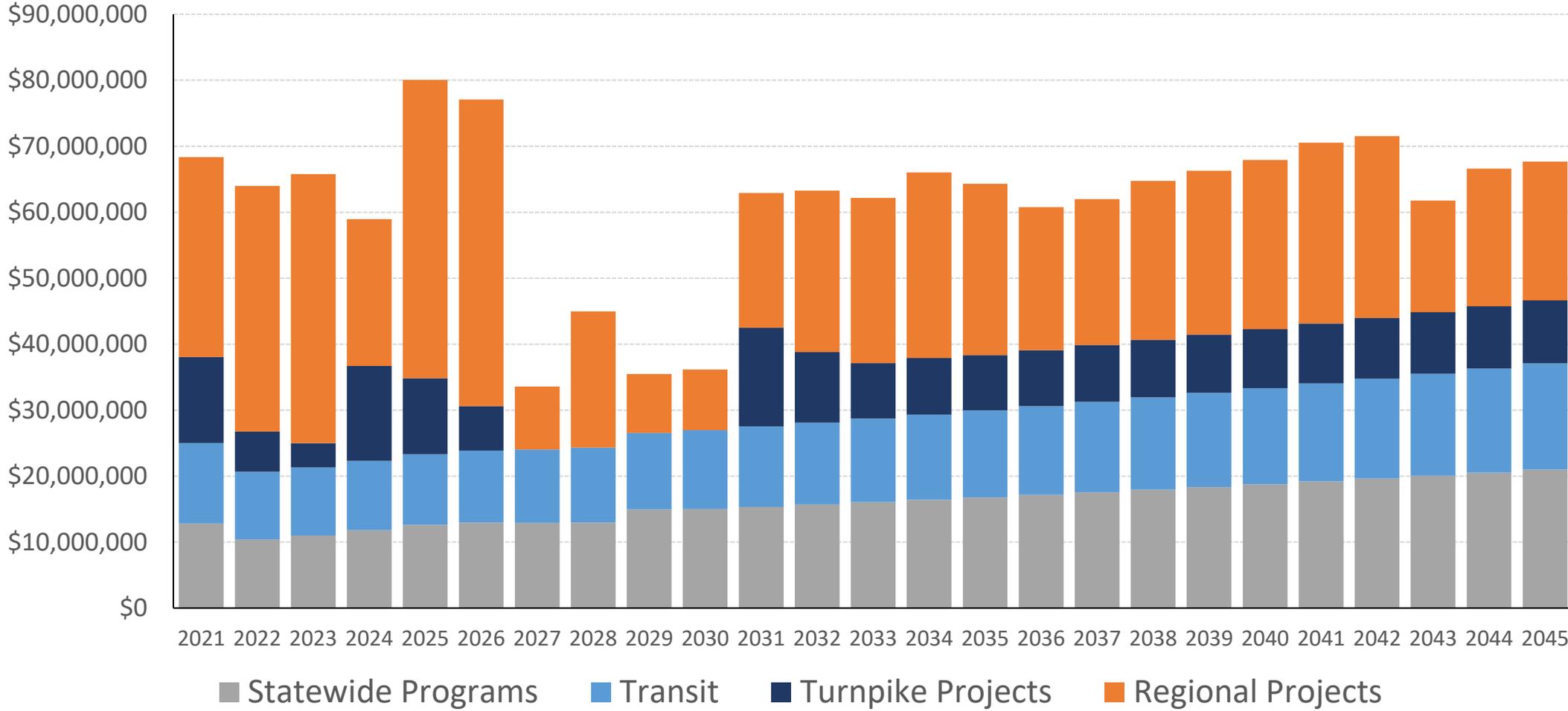
Long Range Plan Projects

88 Project listings(Plus 45 in TIP)

- All Surface Modes (Highway, Transit, Bike, and Pedestrian)
- Estimates of future Transit, Turnpike, and Programmatic expenditures
- Cost = Approximately **\$1.5 Billion** (including 2.8% inflation/year)

	2019-2022	2023-2028	2029-2045	Total
Regional Projects	\$ 130,600,000	\$ 140,000,000	\$ 356,000,000	\$ 626,600,000
Statewide Programs (share)	\$ 46,000,000	\$ 81,400,000	\$ 270,500,000	\$ 397,900,000
Transit	\$ 43,300,000	\$ 67,700,000	\$ 210,700,000	\$ 321,700,000
Turnpike Projects	\$ 37,200,000	\$ 18,300,000	\$ 141,200,000	\$ 159,100,000
Total	\$ 257,100,000	\$ 307,300,000	\$ 978,500,000	\$1,542,900,000

2045 LRTP Projects Programming

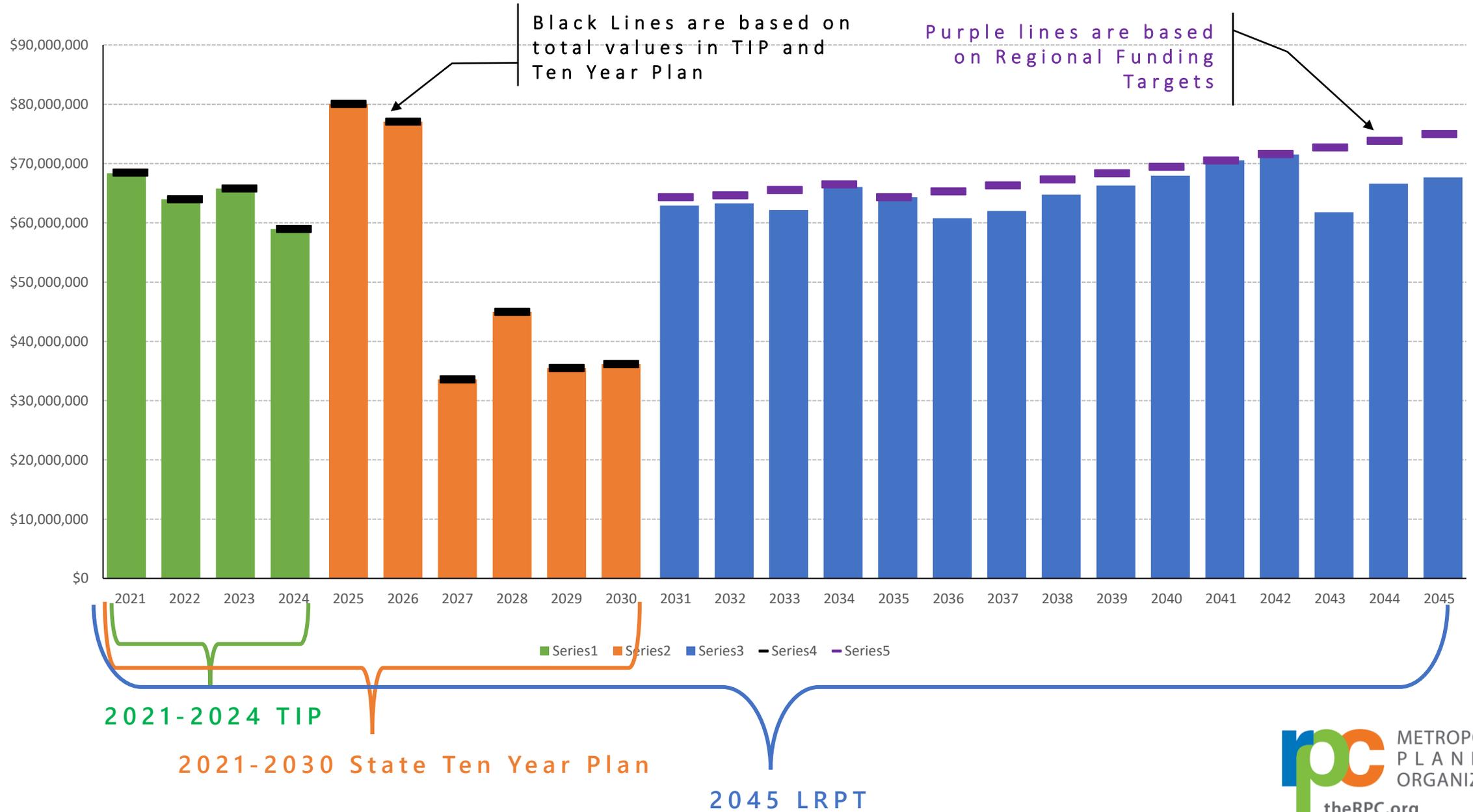


Fiscal Constraint Assumptions

- Estimate of Revenues from NH DOT based on agreed to methodology (consistent among MPOs)
- Funds in the STIP/TIP & Ten Year Plan equal the regional share for those years (2021-2030)
- Beyond the Ten Year Plan, the RPC “share” of revenues is 22.5% of Turnpike maintenance funds and 13.3% of all other resources.
- Revenues are assumed to be flat
- Costs inflated at 2.8% per year

Annual Revenues \geq Annual Project Costs
for each year of TIP and Plan

2021-2024 TIP & 2045 LRTP Constraint



Limited Updates to Plan Narrative

- **Chapter 1:** COVID summary,
CART/MTA merger
- **Chapter 2:** MPO project prioritization process
Performance measures update
- **Chapter 3:** Project updates, some demographic data
- **Chapter 4:** Project updates, transit funding data

Plan Comments/changes

- ✓ Need to update the System Performance Report
- ✓ Continue to check project info and fiscal constraint data for accuracy

2022-2023 Plan Update Preview

- Comprehensive Update
- Adoption target spring 2023
- Public input process beginning mid/late 2021
 - Individual and/or small group meetings with municipalities
 - Regional survey
 - Outreach at community events
 - Focus group meetings with key groups (demographic, modal)
- Revisit plan goals, objectives, policies
- Improve project information – solicitation summer 2022

Recommended Action

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 - ✓ The TIP and Plan are Fiscally Constrained
 - ✓ The TIP and Plan reflect regional priorities
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Comments? Questions?

Ten Year Plan Project Prioritization

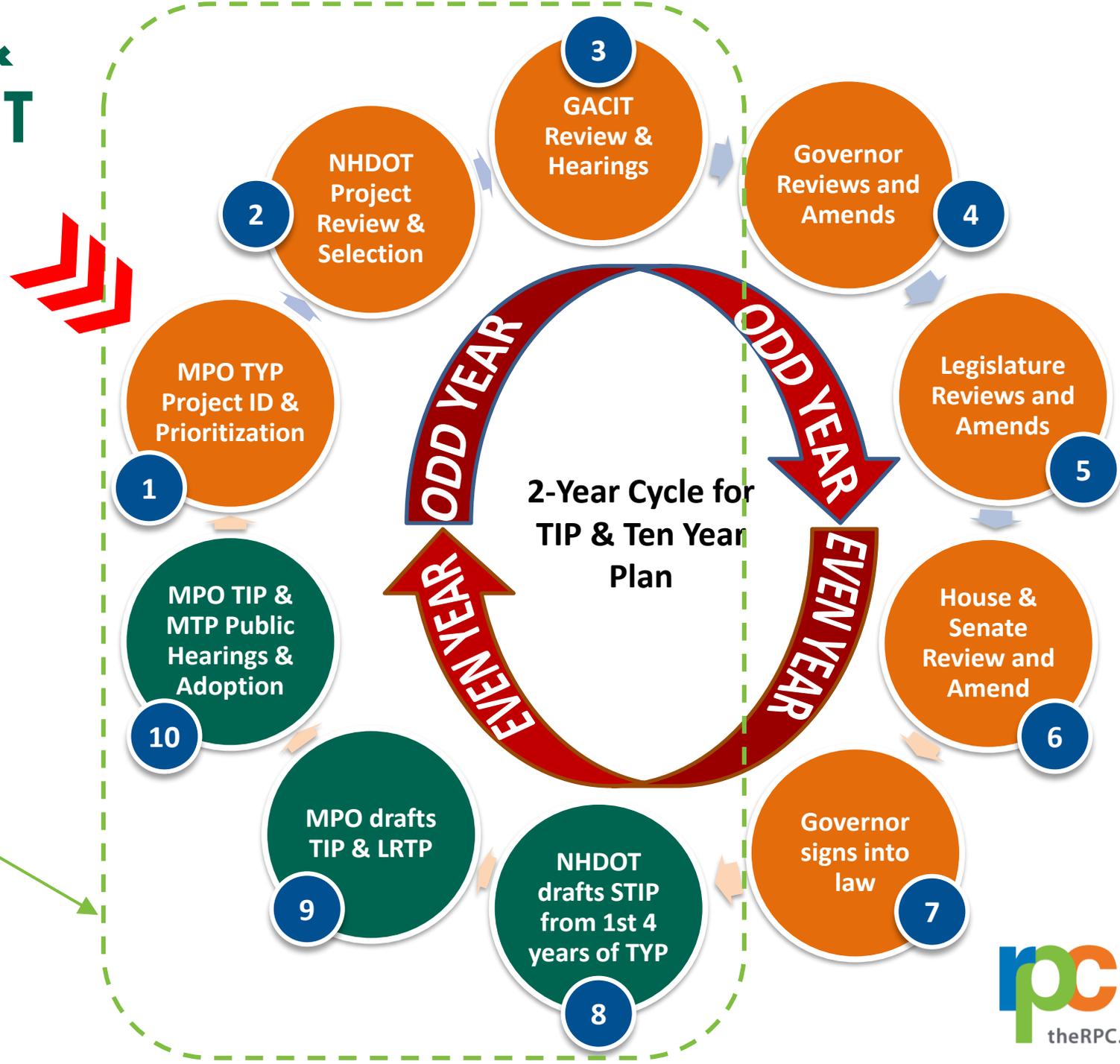
For the 2021-2032 Ten Year Plan



TEN YEAR PLAN & TIP DEVELOPMENT CYCLE

- State Driven
- Two Year Cycle
- Begins and Ends with MPO action

MPO Primary Involvement



PROCESS TIMELINE

	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Solicit Projects										
Project Dev & Classification										
Set Project Selection Process		TAC	POL							
Criteria Weighting Process		TAC	POL							
Discussions w/ NHDOT										
Draft Priorities				TAC	POL					
NHDOT for Eng. Review										
Finalize list of Priorities									TAC	POL
Finalize List to NHDOT										

- Candidate Projects due to NHDOT **November 6, 2020** for engineering/estimate review.
- Finalized prioritized list to NHDOT *due* by **March 31, 2021**
- DOT Required by statute to produce a draft plan by **July 1, 2021**

TEN YEAR PLAN GUIDANCE FROM NH DOT

- Adding CON phase to the last two years of the Ten Year Plan
- Target funding for the region is \$6,674,000
- Costs must include inflation at 2.8% per year and 10% indirect costs
- All RPCs and DOT use a common set of project selection criteria
- Projects must undergo engineering/cost review prior to being added to Ten Year Plan. Can submit projects up to budget target +2 for review.
- MPOs prioritized projects will be added to the draft Ten Year Plan as presented
 - Projects must still go through GACIT process

PROJECT SELECTION FOR STATE TEN YEAR PLAN

- 
- **Eligibility & Feasibility:** Ensure project is eligible for federal funding programs, is feasible, and is supported by community/region.
 - **Initial Scoring:** Projects are measured against the statewide project selection criteria as weighted by the MPO.
 - **Candidates List:** TAC Discussion produces draft Candidate Projects List from top projects in each category. Policy Committee approves final Candidate Projects List. Projects sent to NHDOT for review.
 - **Ten Year Plan Priorities:** TAC discussion produces fiscally constrained priorities for the Ten Year Plan, Policy Committee approves.

PROJECT SELECTION



73 — POTENTIALLY ELIGIBLE & READY FOR TEN YEAR PLAN.

24

27

22 — PROJECTS CLASSIFIED AS LOCAL, REGIONAL, OR INTER-REGIONAL & SCORED

15 — SHORT LIST OF 5 TOP PRIORITIES FROM EACH CLASS OF PROJECT

5 — FISCALLY CONSTRAINED "+2" PROJECTS SUBMITTED TO NHDOT FOR REVIEW

?

CONSTRAINED PROJECTS LIST ADDED TO DRAFT TEN YEAR PLAN

30 ALREADY IN TEN YEAR PLAN

24 NOT FEASIBLE AT THIS TIME

31 PROJECTS COMPLETED IN LAST FIVE YEARS

CANDIDATE PROJECTS LIST SENT TO NHDOT

	Proj #	Name	Scope	Initial Estimate	
Within Budget Target	6001019	ECG	Rail Trail over Hampton Marsh	\$5,475,209	← Top Scoring Project
	6147006	Epping	NH 155/NH 125 Intersection	\$431,016	← Addresses safe access to major regional corridor
	6379013	Portsmouth	Bartlett St. Bridge (Red List)	\$491,409	← Red List Bridge
				\$6,397,679	
+2	6383004	Raymond	NH 27/NH 156 Intersection	\$1,036,850	← Congested intersection in a community that hasn't received any projects
	6345011	North Hampton	US 1/NH 111 Intersection	\$1,075,528	
	Total			\$8,510,057	← Bottleneck on US 1. ← Bike/Ped Crossing issues.

CANDIDATE PROJECTS LIST SELECTION

Proj #	Name	Scope	Initial Estimate	NHDOT Revised Estimate	NHDOT Comments
6001019	ECG	Rail Trail over Hampton Marsh	\$5,475,209	\$5,475,209	Concern regarding environmental & historic resources challenges and access across a private right-of-way
6147006	Epping	NH 155/NH 125 Intersection	\$431,016	\$1,791,128	While a capacity analysis indicates some delay, not clear that it meets warrants for a traffic signal.
6379013	Portsmouth	Bartlett St. Bridge (Red List)	\$491,409	-	Not enough information to make an informed estimate.
6383004	Raymond	NH 27/NH 156 Intersection	\$1,036,850	\$1,854,502	Concern regarding purpose and need. Also concerned given proximity of adjacent development
6345011	North Hampton	US 1/NH 111 Intersection	\$1,075,528	\$5,060,497	Concerned regarding the narrow right-of-way
Total			\$8,510,057	\$14,135,292	

STAFF RECOMMENDATION

- Staff recommendation is to fund the region's top priority project:

Proj #	Name	Scope	Initial Estimate	NHDOT Revised Estimate	NHDOT Comments
6001019	ECG	Rail Trail over Hampton Marsh	\$5,475,209	\$5,475,209	Concern regarding environmental & historic resources challenges and access across a private right-of-way

- NHDOT did not adjust the estimate
- Would complete the ECG off-road segments in New Hampshire and connect to existing trail in Massachusetts
- Benefits for safety, economic development, and the environment
- Recommend adding remaining regional share to project budget to account for potential additional environmental/design costs due to complexity of site. NHDOT concurred with that option.

WHAT HAPPENS TO PROJECTS THAT DON'T MAKE THE CUT?

- All projects put forward by communities will continue to be included in the Long Range Transportation Plan
 - Considered for future Ten Year Plan cycles
 - Benefits for going after grant funding such as TA or CMAQ
- Regional analyses will be utilized to develop project ideas
 - Congestion Management Process
 - Regional Safety Analysis
 - Level of Traffic Stress Study
 - Sidewalk Analysis

CORRIDOR STUDY PROGRAM

Regional Priorities for NHDOT's Corridor Study Program will be sent to NHDOT as well as a reminder.

- NH 33 – From Stratham Circle to I-95 (Stratham-Portsmouth)
- NH 111 – From NH 125 to NH 28 (Kingston-Salem)
- NH 125 – From NH 111 to NH 101 (Kingston-Epping)
- NH 101 - Unsignalized Interchanges

MOTION NEEDED

- Questions or Comments?
- Need TAC endorsement of priorities for the Ten Year Plan and recommendation for the MPO Policy Committee
- TAC can follow staff recommendation or make a different one.