

Today's Agenda

1. **CALL TO ORDER & ROLL CALL**
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 - New York State Transportation Commissioner Marie Therese Dominguez
 - New York City Department of City Planning Director Dan Garodnick
3. **PRESENTATION:** Overview of the FFYs 2023-2027 Transportation Improvement Program
4. **PUBLIC PARTICIPATION**
5. **ACTION ITEMS**
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 - Adopt: Resolution #2022-5 – Council Adoption of a Transportation Conformity Determination for the FFYs 2023-2027 Transportation Improvement Program and FFYs 2022-2050 Regional Transportation Plan, As Amended
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6. **CONFIRM:** Next Council Meeting on Thursday February 23, 2023 @ 11:00 a.m.
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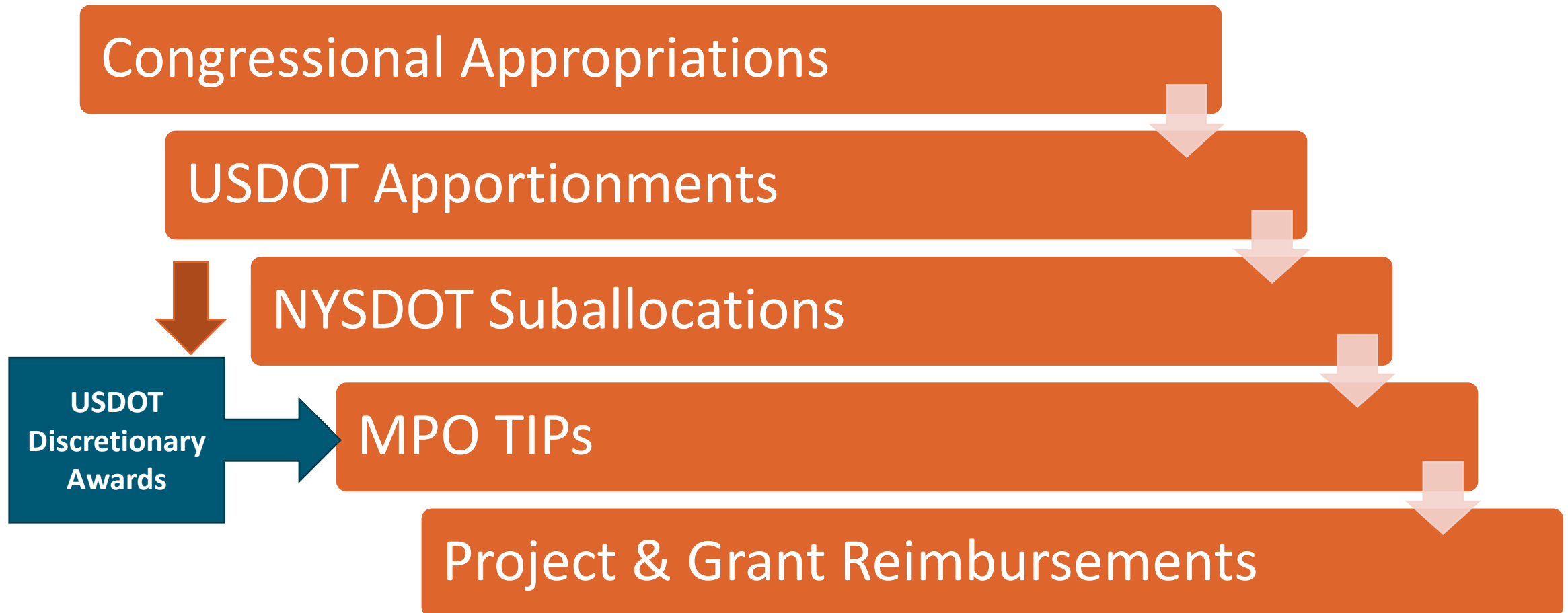
Transportation Improvement Program (TIP) and Transportation Conformity Determination

Gerry Bogacz and Debra Nelson, NYMTC staff

How Congress Funds Transportation

- Multi Year Authorization Act: Infrastructure Investment and Jobs Act (IIJA)
 - Signed into law on November 15, 2021
 - Reauthorizes surface transportation program for five years through federal fiscal year (FFY) 2026
 - Maintains current programs and adds new ones to address existing and new priorities
- Annual Appropriations Acts: Transportation, Housing and Urban Development (THUD)
 - Passed annually for each FFY

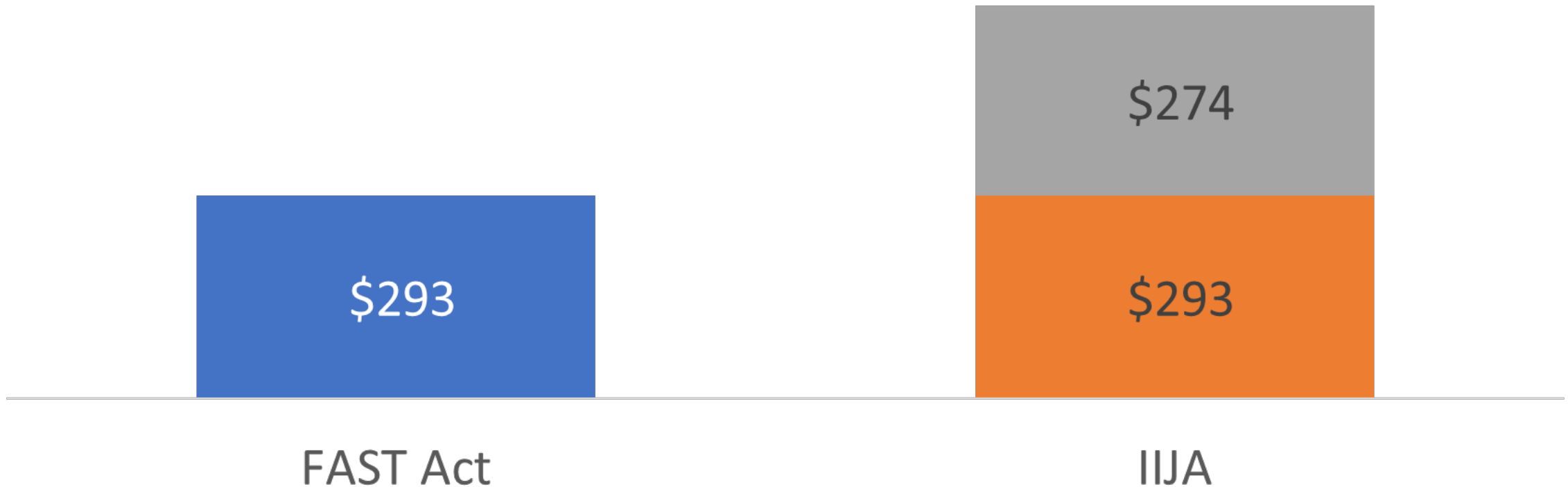
Federal Financing



USDOT Funding

Federal Authorizations (in billions)

■ Previous ■ Baseline ■ New



Title 23 Formula Funding Programs

Programs administered by the Federal Highway Administration

- National Highway Performance Program (NHPP)
- National Highway Freight Program
- Surface Transportation Block Grant Program (STBGP)
 - Transportation Alternatives Program (STBGP set aside)
- Congestion Mitigation-Air Quality Program (CMAQ)
- Highway Safety Improvement Program (HSIP)
 - Railway-Highway Crossings (HSIP set aside)
- Metropolitan Planning
- Carbon Reduction Program
- PROTECT Program
- National EV Infrastructure Program

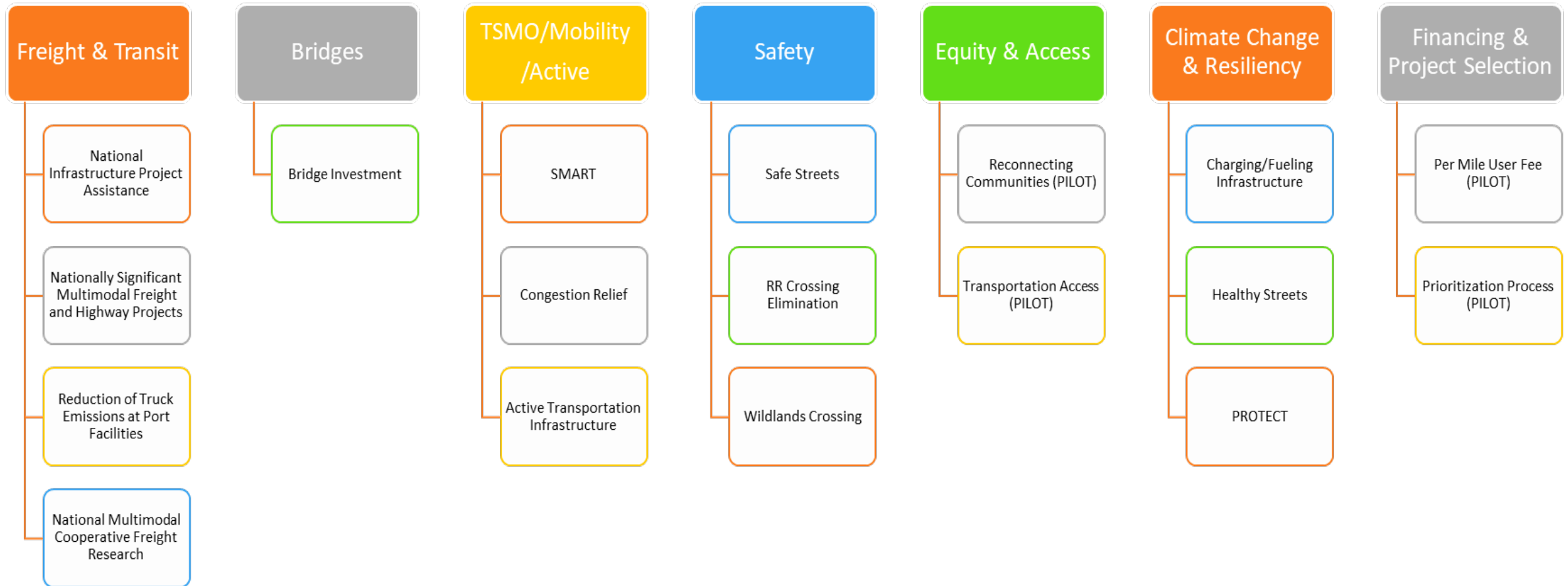
NEW IIJA

Title 49 Formula Funding Programs

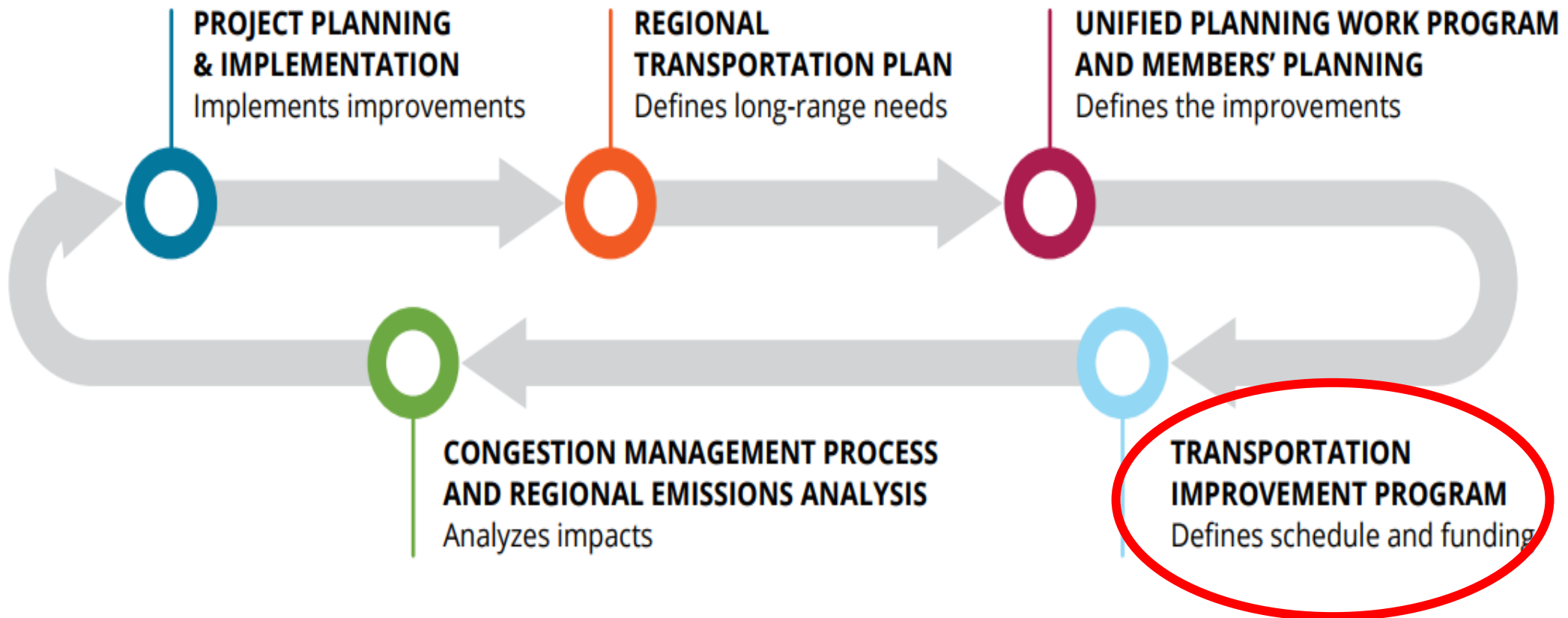
Programs administered by the Federal Transit Administration

- Section 5303 Metropolitan Transportation Planning
- Sections 5307/5340 Urbanized Area Formula
- Section 5309 Fixed Guideway Capital Investment
- Section 5310 Enhanced Mobility of Seniors and People with Disabilities
- Section 5337 State-of-Good Repair (fixed guideway and high intensity motorbus)
- Section 5339 Bus and Bus Facilities

IJA Discretionary (Competitive) & Pilot Programs



Metropolitan Transportation Planning Process



The Role of the TIP in the Planning Process

- The TIP is a multi-year, multi-modal program of **transportation improvement projects** drawn from the Regional Transportation Plan
 - It is a **five-year program** organized by federal fiscal year: October 1st - September 30th
 - The TIP **enables** project obligation and eventual federal reimbursement of costs
- The TIP includes:
 - Transit projects
 - Roadway and bridge projects
 - Bicycle/pedestrian projects
 - Safety projects
 - Systems & demand management projects
 - Operating and maintenance projects

TIP Development Cycles

A new TIP is usually developed every two-to-three years

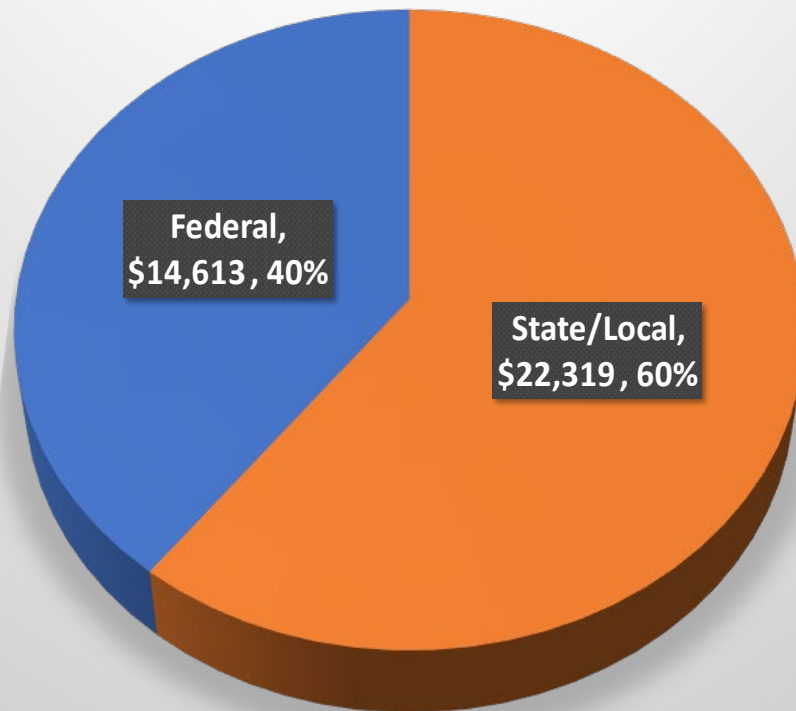
- Development cycles are coordinated with the **Statewide TIP development schedule**
- During each cycle:
 - Existing projects are updated; and
 - New projects are programmed and new fiscal years are added
 - Mobile source emissions are analyzed for **Transportation Conformity**

Fiscal Constraint and the TIP

- Fiscal constraint requires that revenues in transportation planning and programming are:
 - **Identified** and "**are reasonably expected to be available**" to implement the Regional Transportation Plan and the Transportation Improvement Program
 - **Provide for** the operation and maintenance of the existing highway and transit systems
- For the TIP, this means that programmed project costs cannot exceed the planning targets provided by NYSDOT for each federal funding program

Proposed Funding in the FFYs 2023-27 TIP

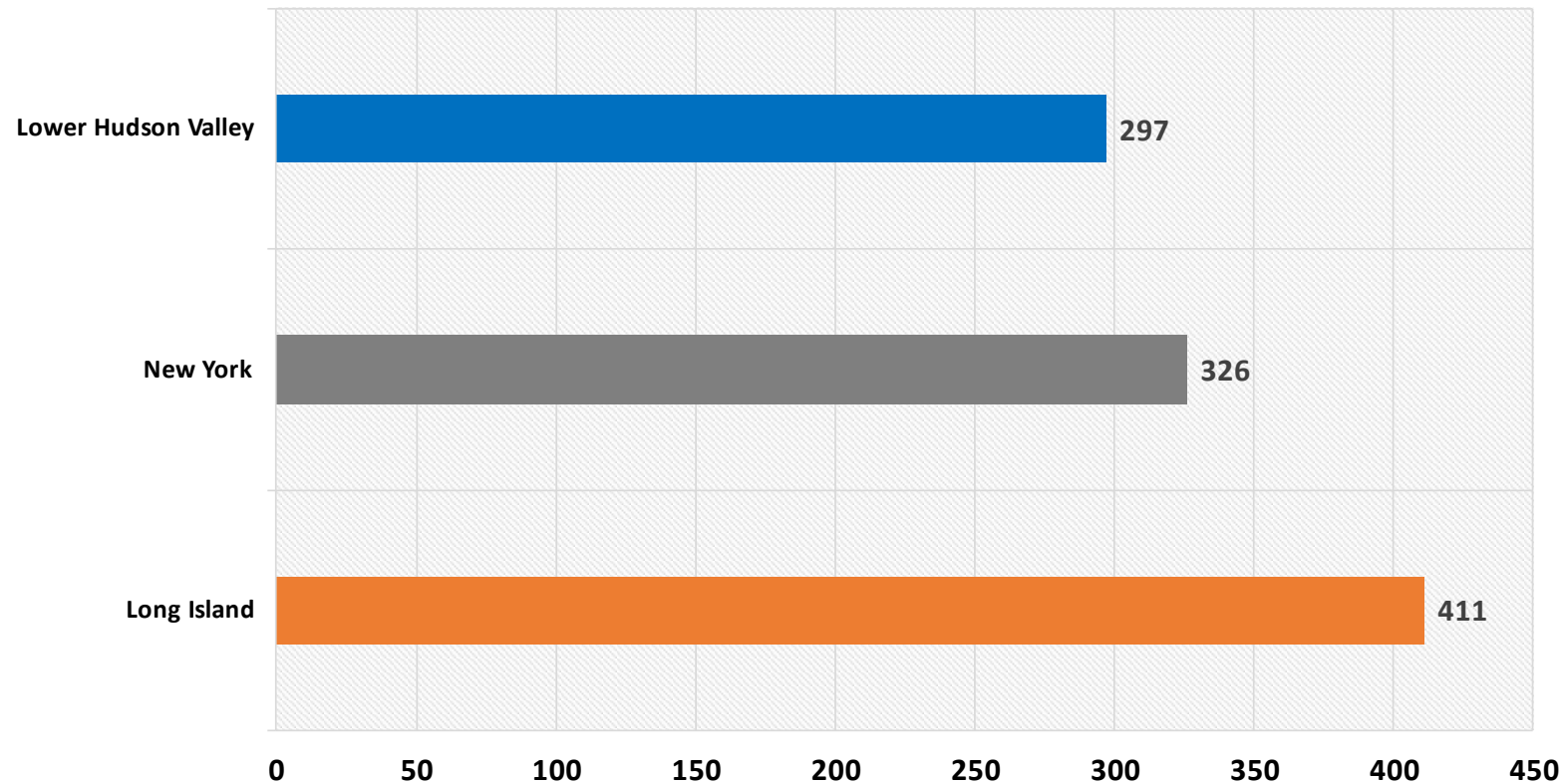
Proposed FFYs 2023-27 TIP: Program by Fund Source
(in millions of YOE \$)



**NYMTC Total:
\$36.9 billion**

Projects Defined in the FFYs 2023-27 TIP

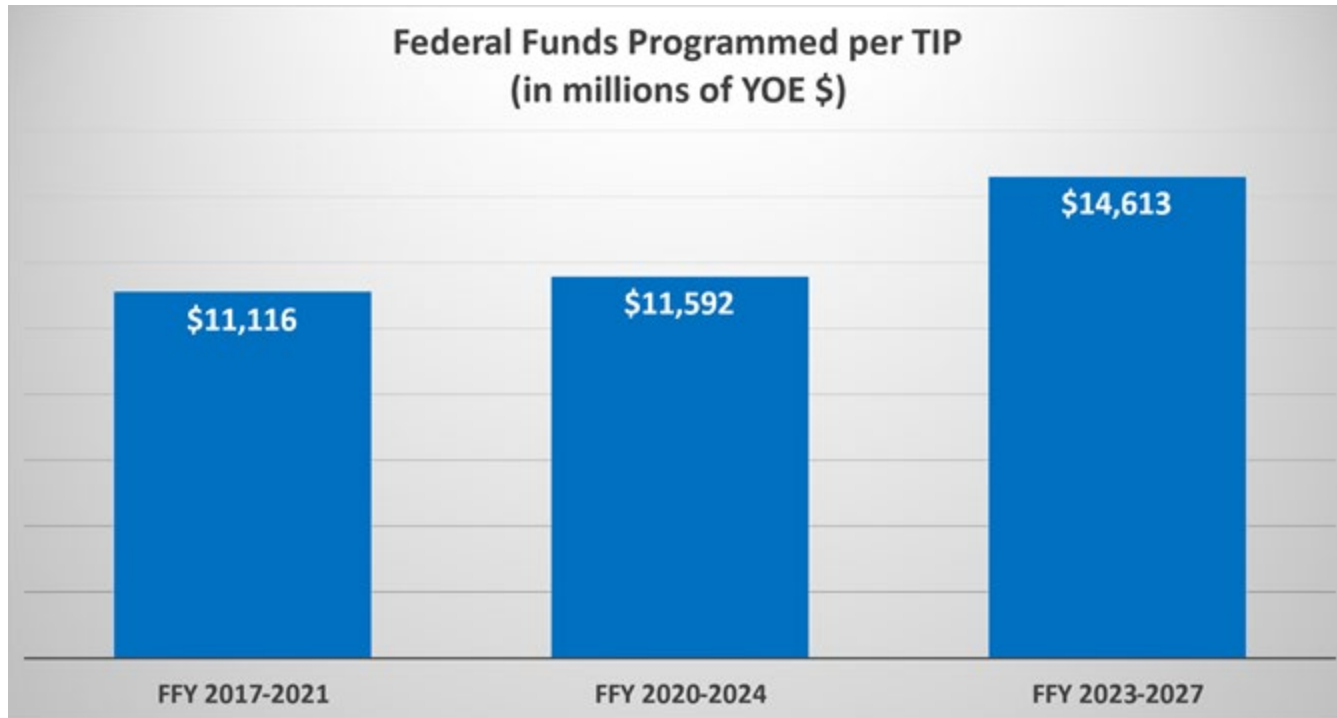
Proposed FFYs 2023-27 TIP: Number of Projects



**NYMTC Total:
\$36.9 billion**

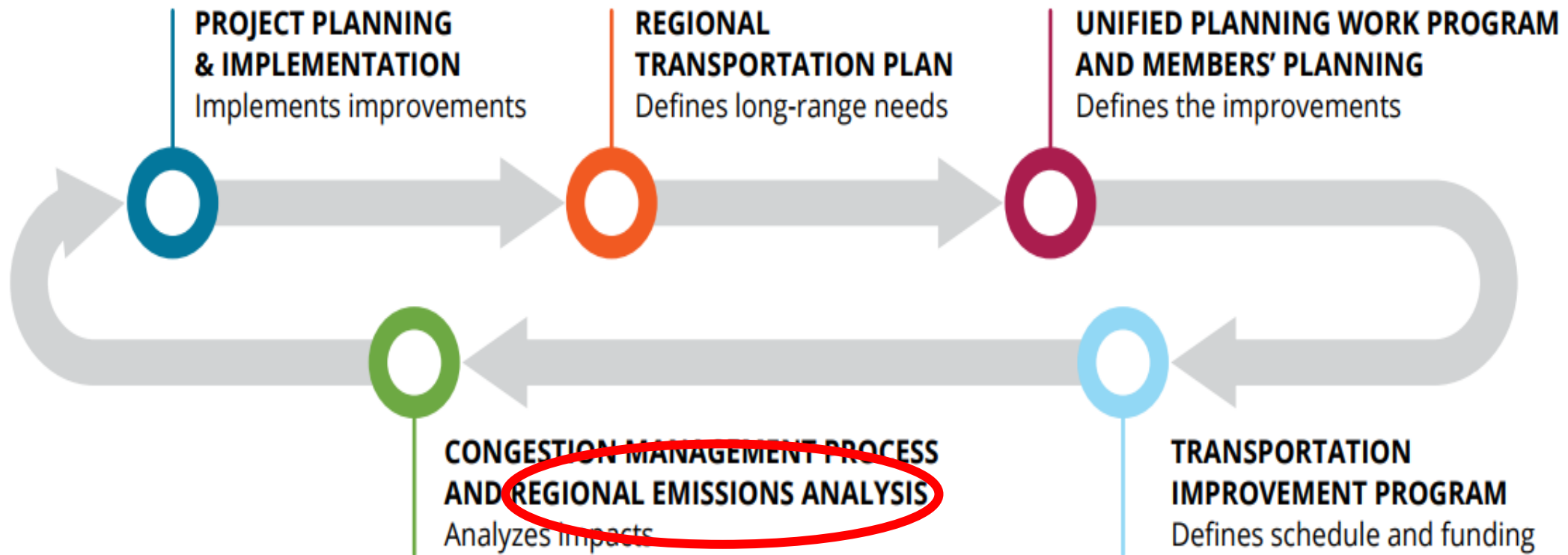
**1,034
projects**

Federal Funding Comparison

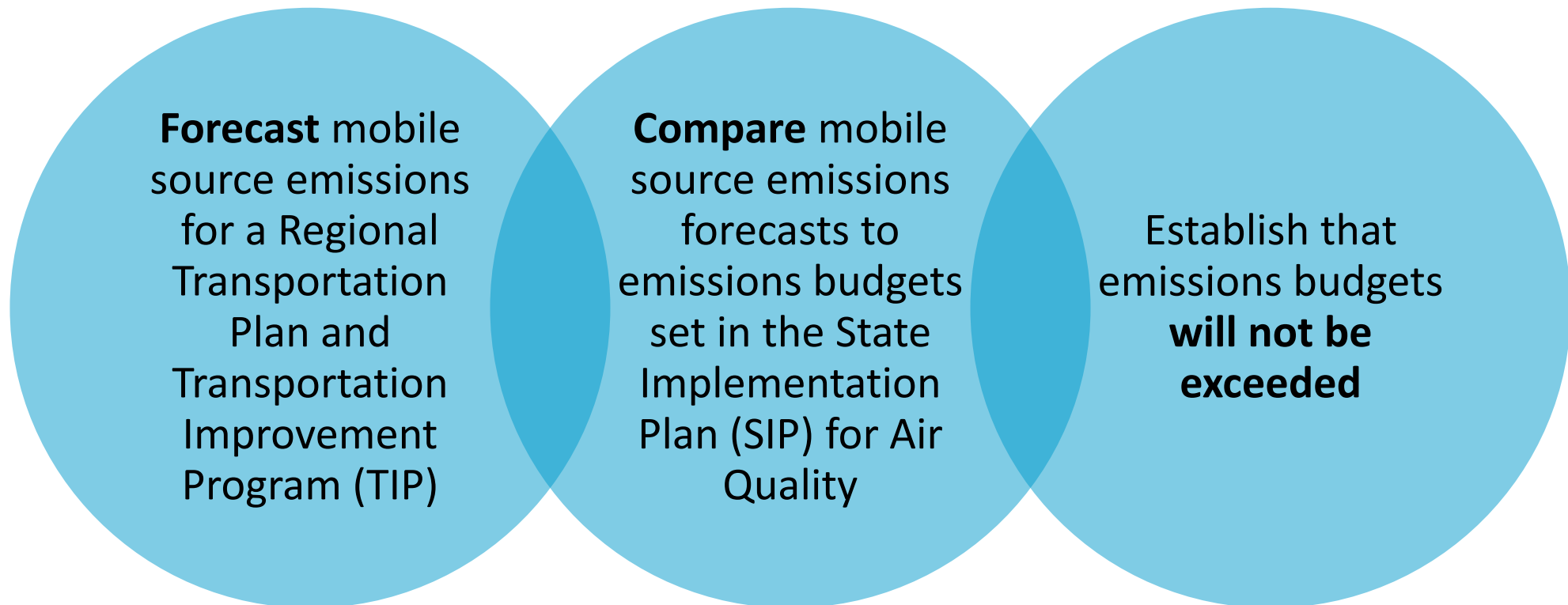


- **26% increase in programmed federal funds (over 20-24 TIP)**
- Three new formula programs have yet to be programmed
- Majority of the awarded discretionary funding (\$277 M) has yet to be programmed
- Other discretionary awards pending through FFY 2026

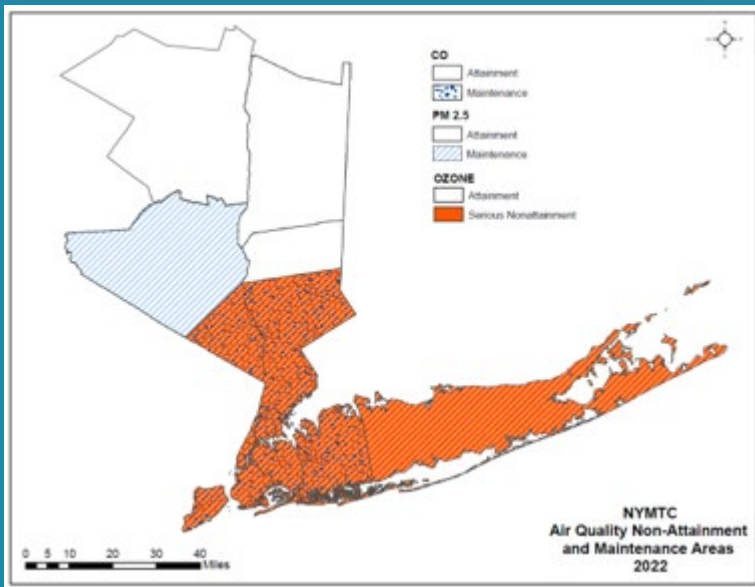
Metropolitan Transportation Planning Process



The goal of ***transportation conformity*** is to ensure that federal funding and approvals are given to highway and transit activities that are consistent with air quality goals



Regional Emissions Analysis



Ground-Level
Ozone (VOC,
NO_x)*

New York Metropolitan
non-attainment area – all
counties except Putnam

Fine
Particulate
Matter (PM_{2.5})

All counties except
Putnam, plus Orange
County

Under Maintenance Plan

Carbon
Monoxide
(CO)

Five NYC boroughs,
Westchester and Nassau
counties

Now in Limited Maintenance

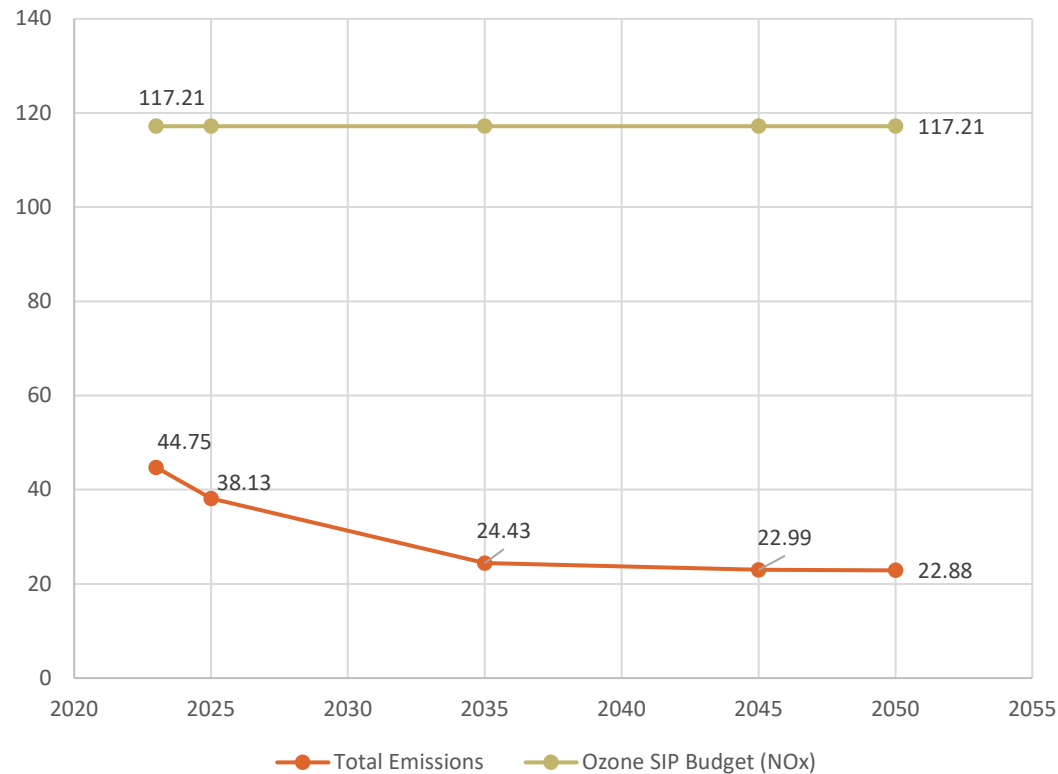
*Ozone precursors: VOC = Volatile Organic Compounds; NO_x = Oxides of Nitrogen

Results of the Regional Emissions Analysis

Nine County Mobile Source Emissions Analysis

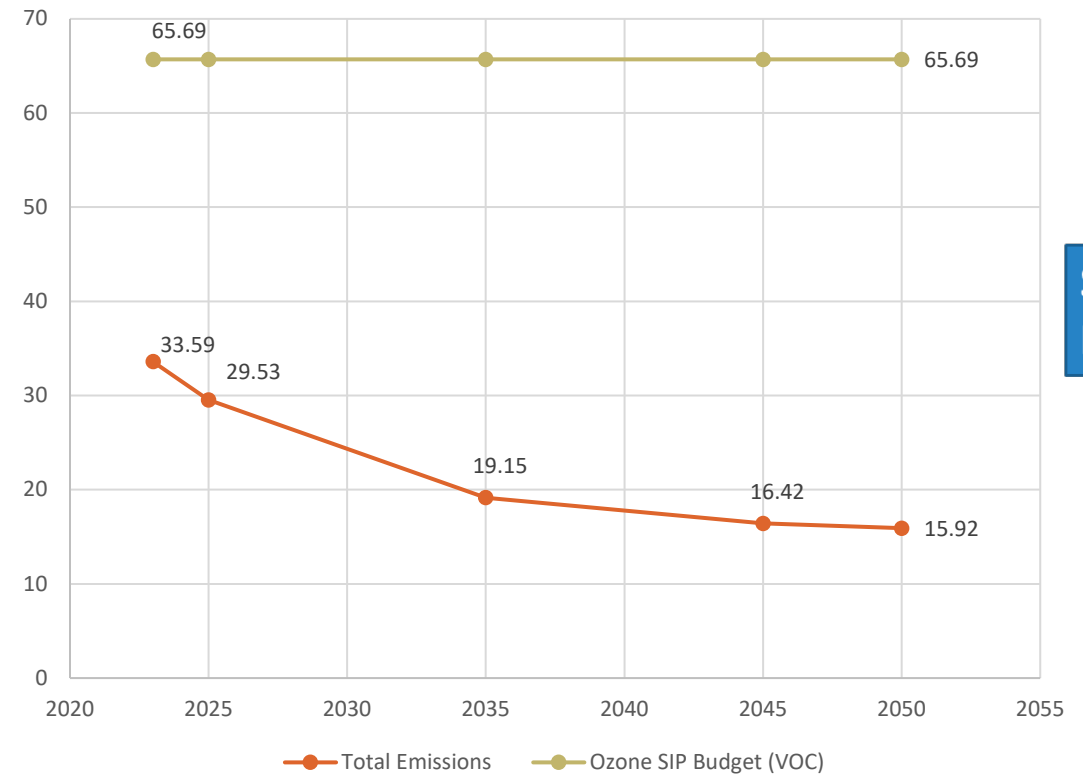
(tons per day)

Nine County NOx Mobile Source Emissions Analysis
(in tons per day)



NOx

Nine County VOC Mobile Source Emissions Analysis
(in tons per day)

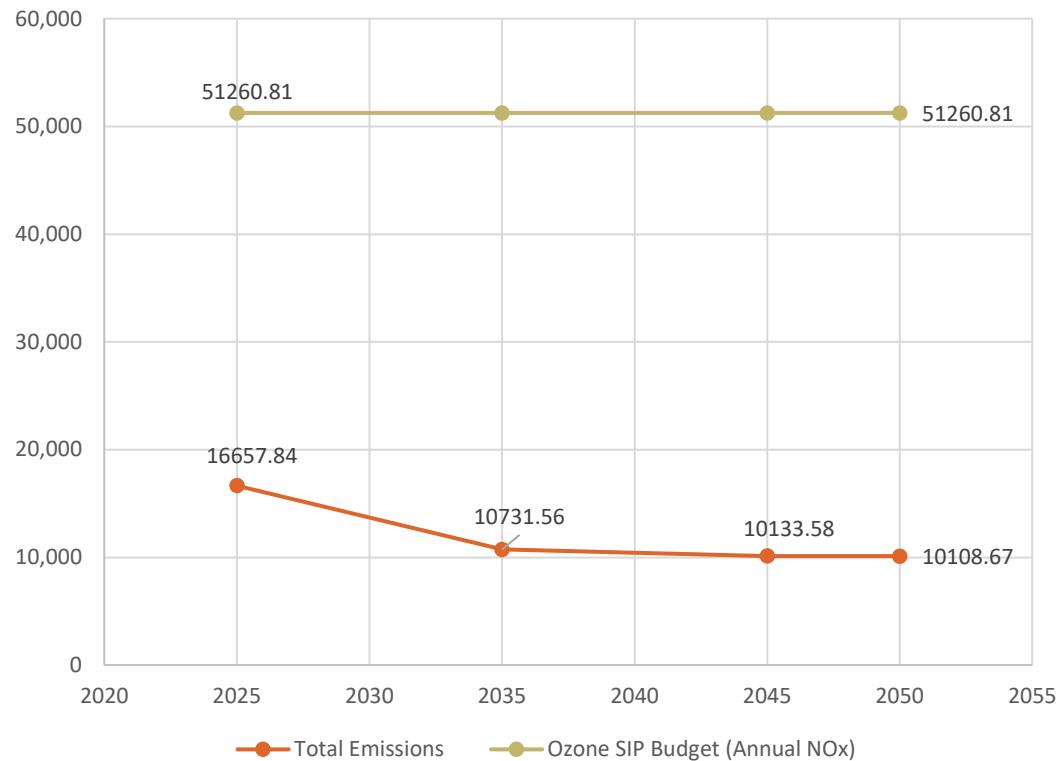


VOC

STATUS:
PASS

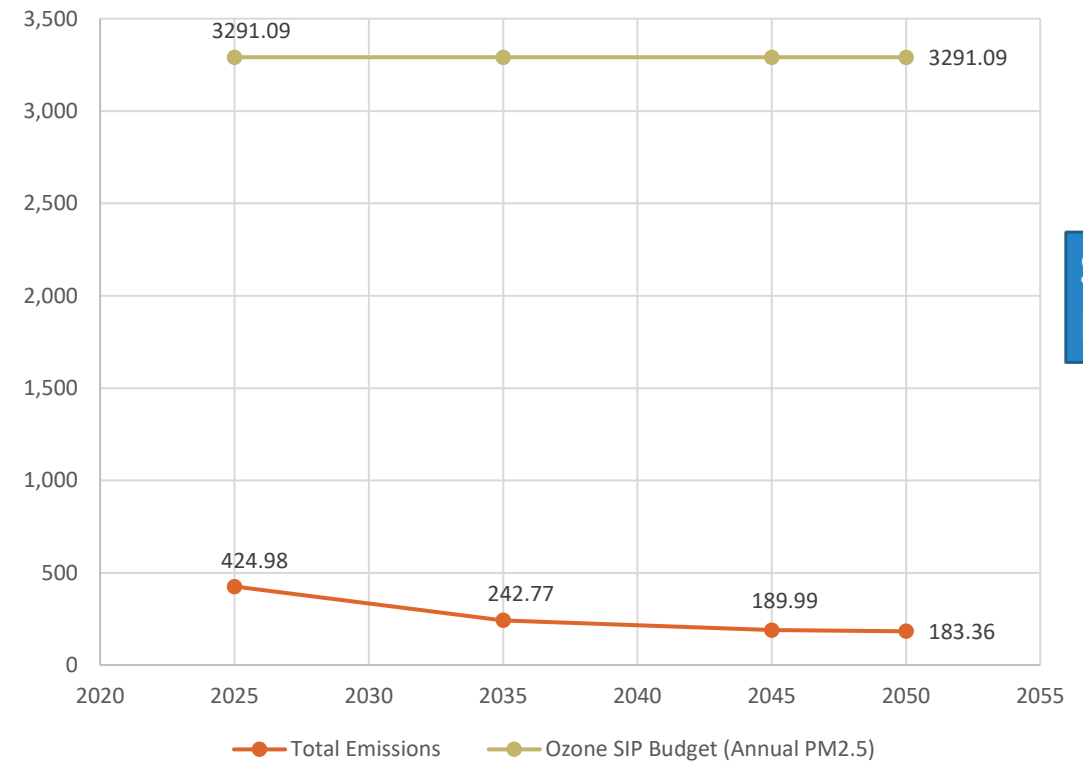
Nine County and OCTC Combined Annual Mobile Source Emissions Analysis (tons per year)

NYMTC Nine County and OCTC Combined Annual NO_x
Mobile Source Emissions Analysis (in tons per year)



NO_x

NYMTC Nine County and OCTC Combined Annual PM_{2.5}
Mobile Source Emissions Analysis (in tons per year)



PM_{2.5}

**STATUS:
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