



TIP ACTIONS

Transportation Improvement Program

New Jersey TIP (FY2020-2023)

Pennsylvania TIP (FY2021-2024)

PHOTO CREDIT: PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

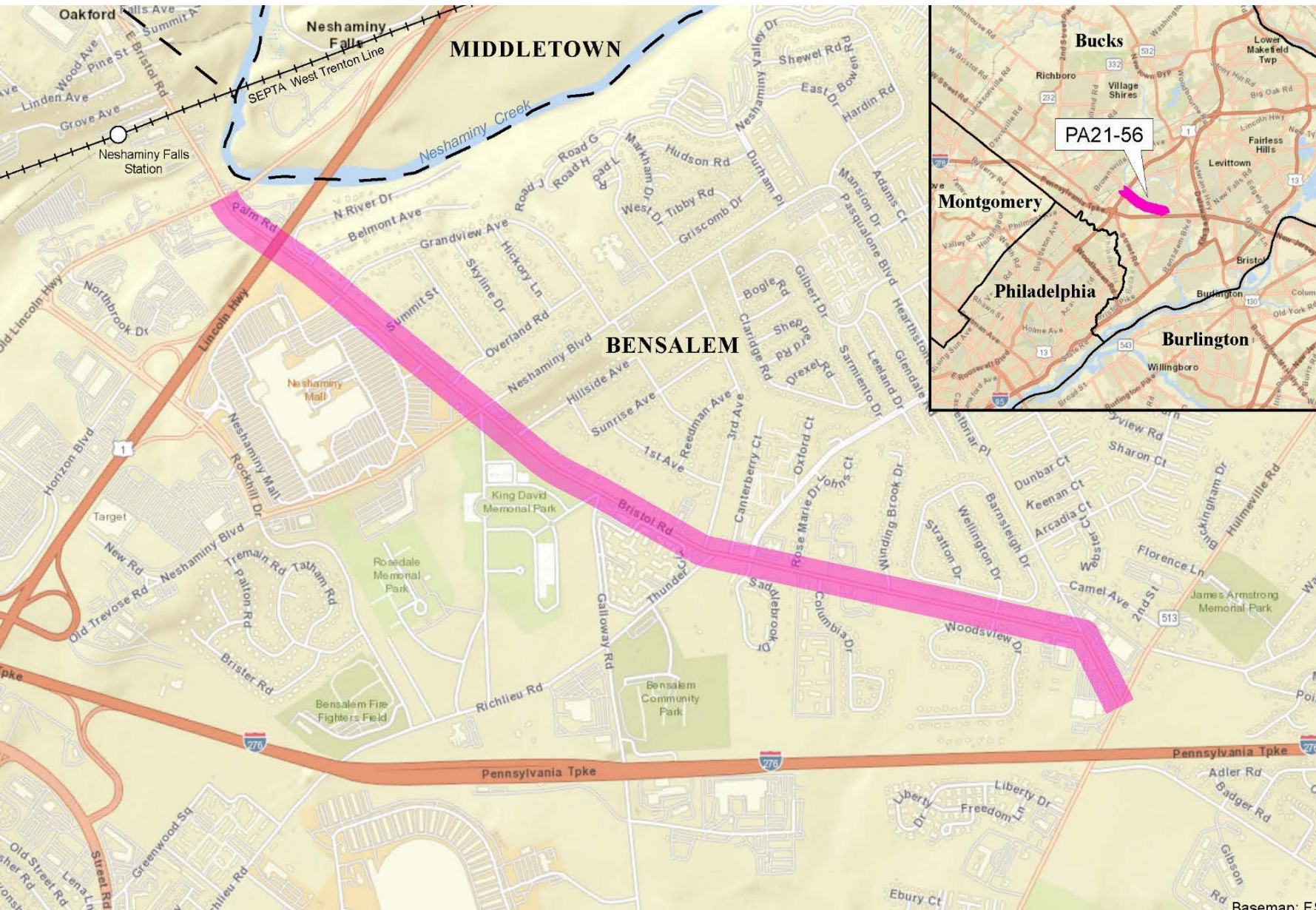
DVRPC RTC | September 2021



Bristol Road Intersection Improvements

Bucks County | Cost Increase

- **TIP Amendment**
- **Action:** Increase FY22 CON phase by \$6,810,000 STU/Toll Credit
- **Reason:** Additional funding to address increased scope resulting from coordination between Bensalem Twp., PennDOT District 6, and 60+ property owners involved in ROW negotiations
- **Background:**
 - *CON phase increasing from \$8,190,000 to \$15,000,000*
 - *Letting delayed due to impacts of COVID-19 restrictions on ROW negotiations, utility coordination*
 - *Cost increase needed to cover utility impacts, incr. traffic control measures, additional signal improvements, stormwater management, and drainage improvements*



Widening and rehabilitation of existing pavement for just over two miles of Bristol Road

- Milling and overlay of existing pavement
- Roadway widening
- Drainage improvements
- Intersection improvements
- Reconstruction of five existing traffic signals
- Installation of one new traffic signal

Includes a two-way center turn lane with additional improvements to intersections

Pedestrian accommodations will be provided from Neshaminy Mall to Pasqualone Blvd

TIP ACTION | Proposed - PA



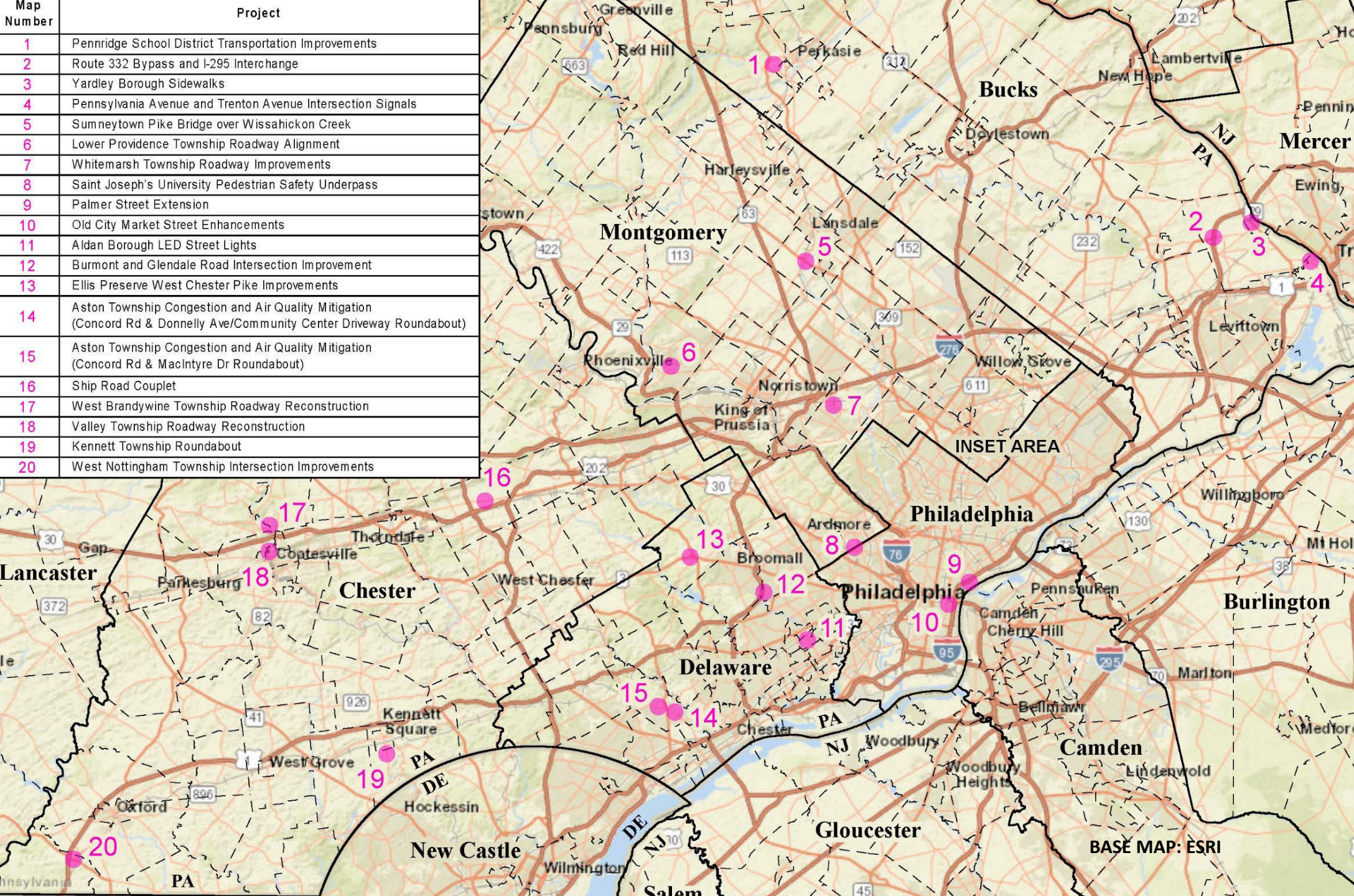
- **Request RTC Recommend Board Approval of TIP Amendment**
- **Bristol Road Intersection Improvements**
Increase FY22 CON phase by \$6,810,000 STU/Toll Credit

Statewide Multimodal Transportation Fund Projects

Various Counties | Accept New Projects into TIP

- **TIP Amendment**
- **Action:** Accept listed Statewide Multimodal Transportation Fund (MTF) projects and their additional funds into FY2021 TIP for PA
- 19 projects totaling \$28,217,000 State 411 will be added for CON
- **Reason:** MTF is a competitive statewide program established by Act 89 of 2013 that provides grants to improve transportation assets and enhance communities, pedestrian safety, and transit revitalization
- **Background:**
 - *Funds are additional to the region*

Map Number	Project
1	Pennridge School District Transportation Improvements
2	Route 332 Bypass and I-295 Interchange
3	Yardley Borough Sidewalks
4	Pennsylvania Avenue and Trenton Avenue Intersection Signals
5	Sumneytown Pike Bridge over Wissahickon Creek
6	Lower Providence Township Roadway Alignment
7	Whitemarsh Township Roadway Improvements
8	Saint Joseph's University Pedestrian Safety Underpass
9	Palmer Street Extension
10	Old City Market Street Enhancements
11	Aldan Borough LED Street Lights
12	Burmont and Glendale Road Intersection Improvement
13	Ellis Preserve West Chester Pike Improvements
14	Aston Township Congestion and Air Quality Mitigation (Concord Rd & Donnelly Ave/Community Center Driveway Roundabout)
15	Aston Township Congestion and Air Quality Mitigation (Concord Rd & MacIntyre Dr Roundabout)
16	Ship Road Couplet
17	West Brandywine Township Roadway Reconstruction
18	Valley Township Roadway Reconstruction
19	Kennett Township Roundabout
20	West Nottingham Township Intersection Improvements



Aston Township Congestion and Air Quality Mitigation has 2 locations mapped for 1 project.

There are only 19 total projects that are mapped

Bucks County

- Route 332 Bypass and I-295 Interchange (2021-22) (MPMS #116258) - \$3,000,000 State 411
- Pennridge School District Transportation Improvements (2021-22) (MPMS #TBD1) - \$303,000 State 411
- Pennsylvania Ave and Trenton Ave Intersection Signals (2021-22) Morrisville Borough (MPMS #TBD2) - \$228,000 State 411
- Yardley Borough Sidewalks (2021-22) (MPMS #TBD3) - \$312,000 State 411

Chester County

- Ship Road Couplet (2020-21) (MPMS #115755) - \$940,000 State 411
- Kennett Township Roundabout (2021-22) (MPMS #116264) - \$2,194,000 State 411
- West Brandywine Township Roadway Reconstruction (2021-22) (MPMS #TBD4) - \$1,697,000 State 411
- West Nottingham Township Intersection Improvements (2021-22) (MPMS #TBD5) - \$843,000 State 411
- Valley Township Roadway Reconstruction (2021-22) (MPMS #TBD6) - \$1,500,000 State 411

Delaware County

- Aston Twp. Congestion and Air Quality Mitigation (2020-21) (MPMS #115756) - \$1,800,000 State 411
- Ellis Preserve West Chester Pike Improvements (2021-22) (MPMS #116262) - \$2,251,000 State 411
- Burmont and Glendale Road Intersection Improvement (2021-22) (MPMS #TBD7) - \$1,000,000 State 411
- Aldan Borough LED Street Lights (2021-22) (MPMS #TBD8) - \$155,000 State 411

Montgomery County

- Whitemarsh Township Roadway Improvements (2021-22) (MPMS #TBD9) - \$1,108,000 State 411
- Sumneytown Pike Bridge over Wissahickon Creek (2021-22) (MPMS #TBD10)- \$1,244,000 State 411
- Lower Providence Township Roadway Alignment (2021-22) (MPMS #TBD11)- \$2,746,000 State 411

City of Philadelphia

- Old City Market Street Enhancements (2021-22) (MPMS #112203) - \$2,650,000 State 411
- Saint Joseph's University Pedestrian Safety Underpass (2021-22) (MPMS #TBD12) - \$3,000,000 State 411
- Palmer Street Extension (2021-22) (MPMS #TBD13) - \$1,246,000 State 411

TIP ACTION | Proposed - PA



- **Request RTC Recommend Board Approval of TIP Amendment**
- **Statewide Multimodal Transportation Fund Projects**
Accept listed Statewide Multimodal Transportation Fund (MTF) projects and their additional funds into the FY2021 TIP for PA
- 19 projects totaling \$28,217,000 State 411 will be added for CON
- Funds are additional to the region



Thank

Connect With Us!     

You!

PHOTO CREDIT: PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

www.dvrpc.org/TIP



Sean Greene
Regional Technical Committee Meeting
September 7, 2021

Transportation Conformity Demonstration: Draft *Connections 2050* LRP, FY 2021 PA TIP, and Draft FY 2022 NJ TIP

Presentation Overview

- ❖ What is Conformity?
- ❖ DVRPC Region
- ❖ Emissions Analysis Results
- ❖ Regional Air Quality Trends

What is Transportation Conformity?

There are three major sources of emissions:

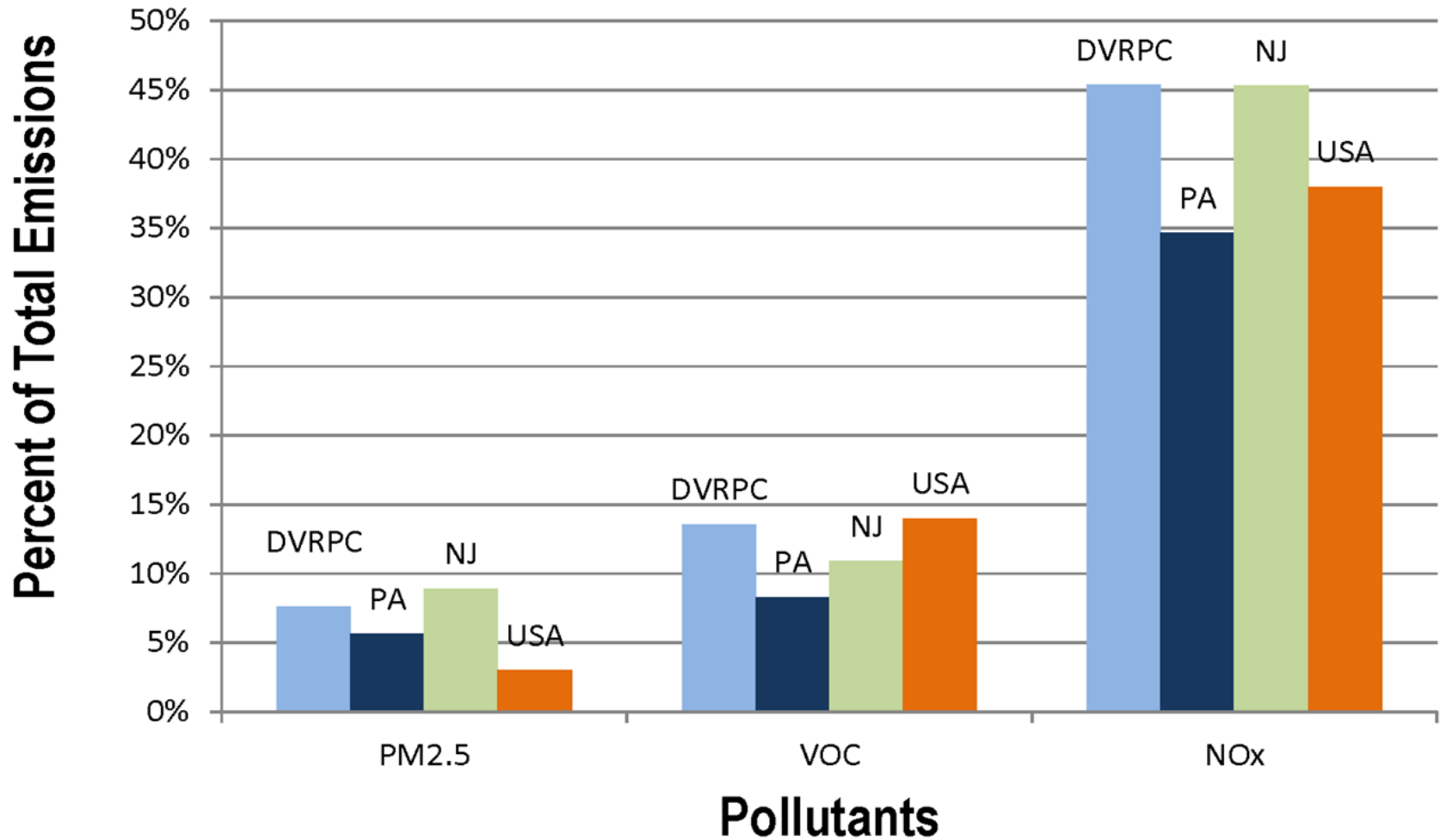
- ❖ Stationary – power plants, industrial boilers...
- ❖ Industry – petroleum refineries, cement kilns...
- ❖ Mobile sources
 - Off-road – trains, planes, construction equipment
 - On-road mobile sources – cars, trucks, buses
 - Accounts for 38% NO_x, 14% VOC, 3% PM_{2.5}

Combine to form Ozone

Source: FHWA Transportation Air Quality Selected Facts and Figures

AGENDA ITEM: CONFORMITY DEMONSTRATION

On-Road Mobile Emissions



Source: 2014 NEI

AGENDA ITEM: CONFORMITY DEMONSTRATION



What is Transportation Conformity?

Transportation Conformity is a federal requirement to control emissions of on-road, mobile sources in designated air quality non-attainment or maintenance areas.



Who Must Demonstrate Conformity?

Non-Attainment Areas

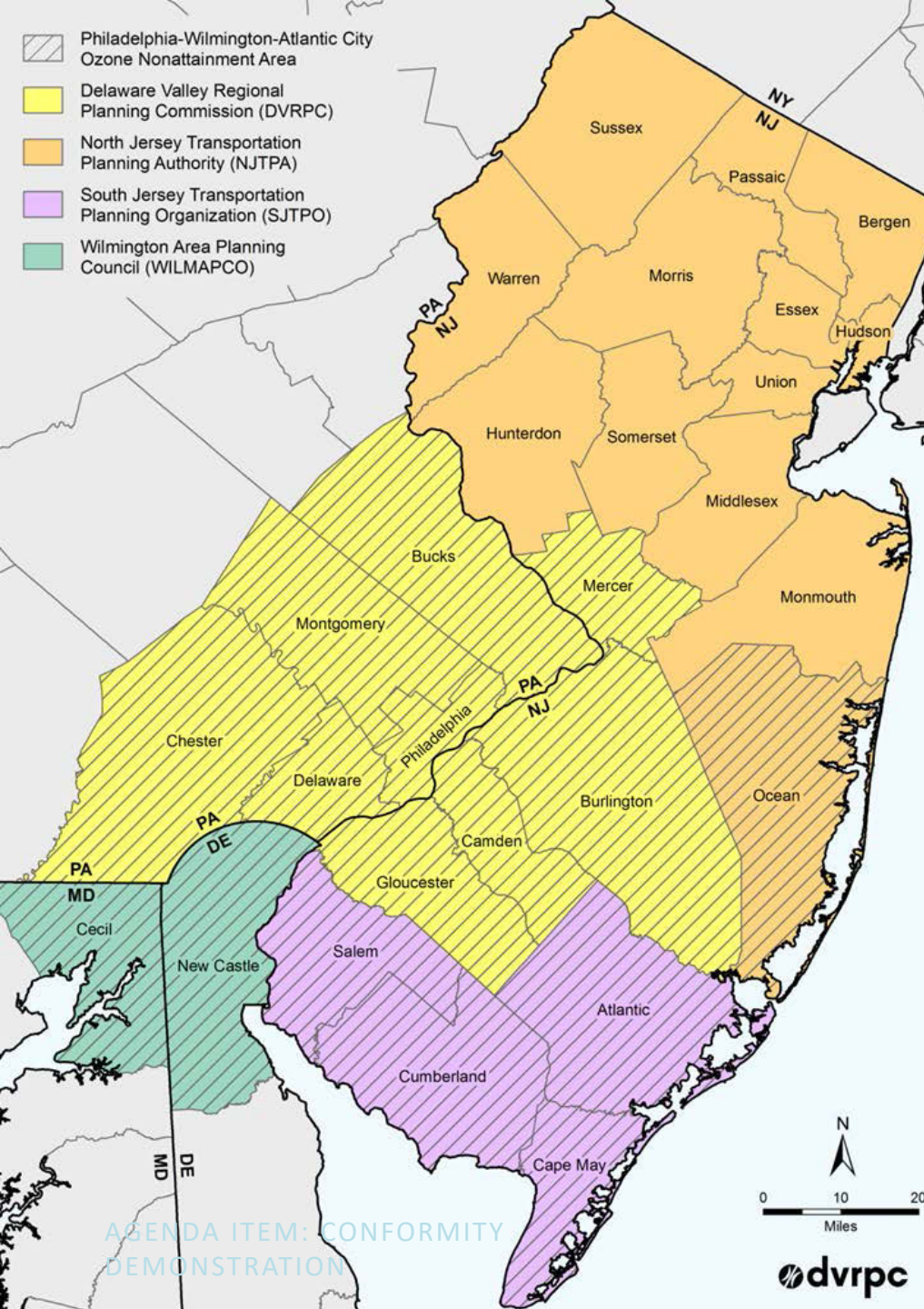
- ❖ Region not meeting federal air quality standards (NAAQS)

Maintenance Area








- ❖ Area that previously was in non-attainment

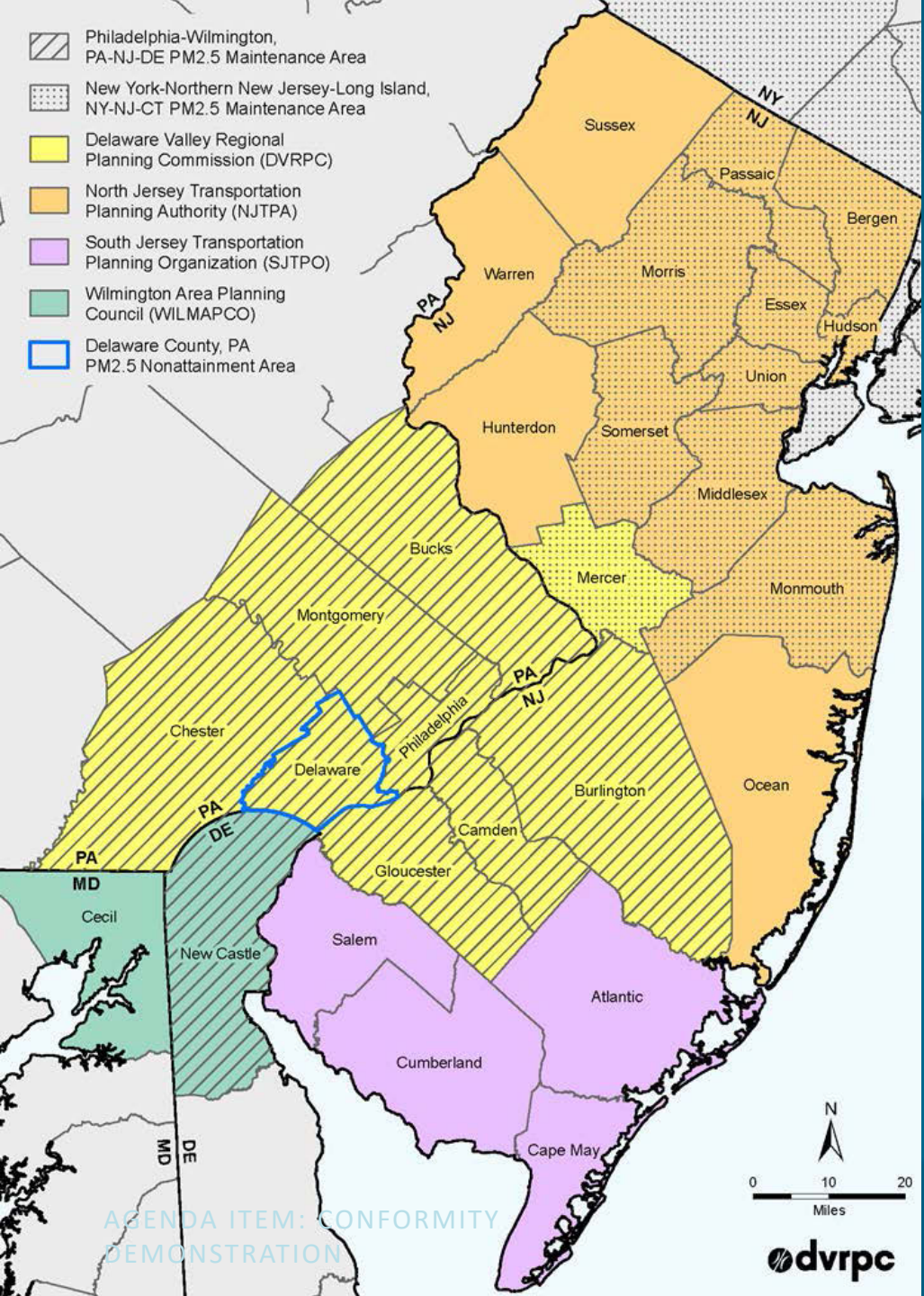
State Implementation Plans (SIPs)

- ❖ States must develop plans (SIPs) to meet or continue to maintain the NAAQS



Ozone Non-Attainment Area

-  Philadelphia-Wilmington, PA-NJ-DE PM2.5 Maintenance Area
-  New York-Northern New Jersey-Long Island, NY-NJ-CT PM2.5 Maintenance Area
-  Delaware Valley Regional Planning Commission (DVRPC)
-  North Jersey Transportation Planning Authority (NJTPA)
-  South Jersey Transportation Planning Organization (SJTPO)
-  Wilmington Area Planning Council (WILMAPCO)
-  Delaware County, PA PM2.5 Nonattainment Area



PM_{2.5} Maintenance Areas

What is Transportation Conformity?

Conformity triggers:

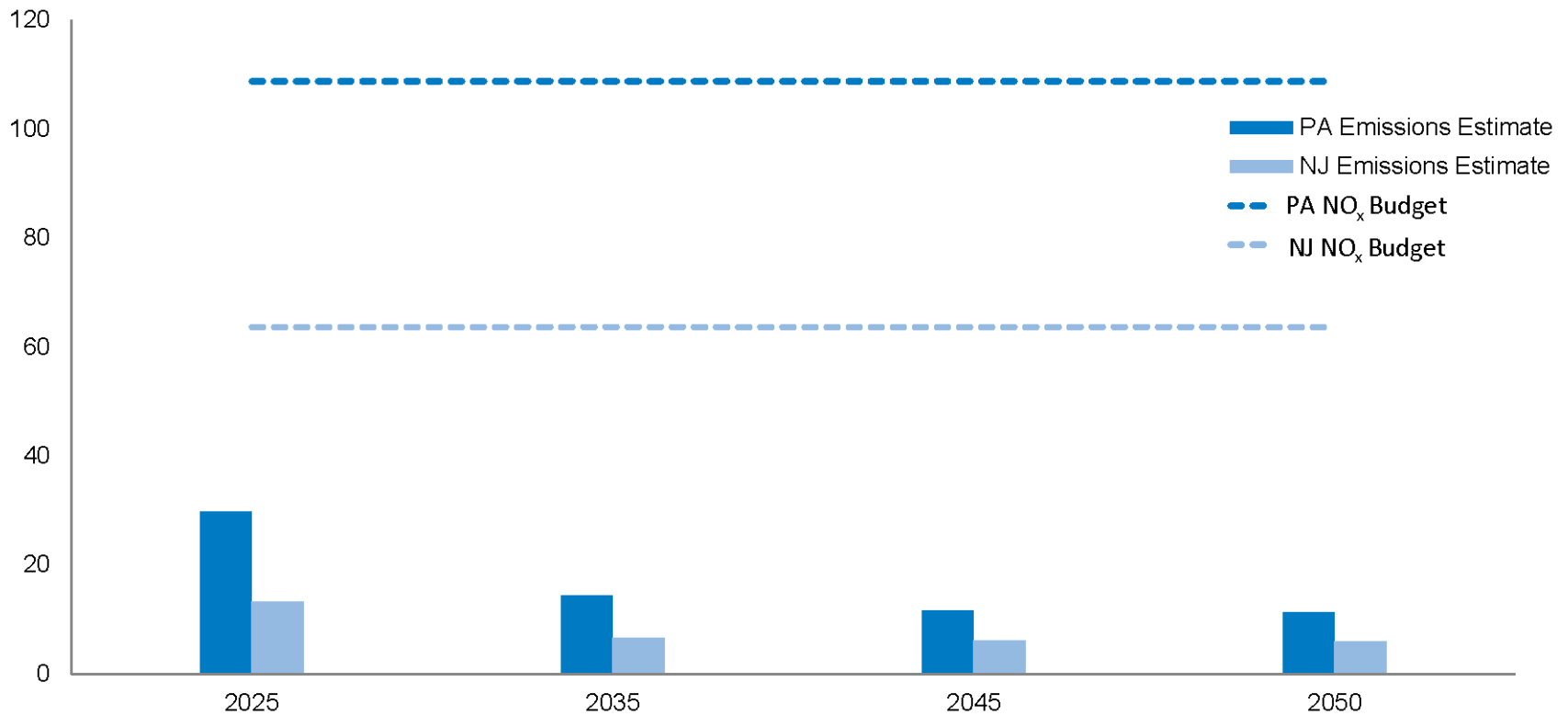
- ❖ A new *Connections 2050* LRP
- ❖ A new FY 2022 TIP for NJ
- ❖ Amendments to the FY 2021 TIP for PA

Conformity Test

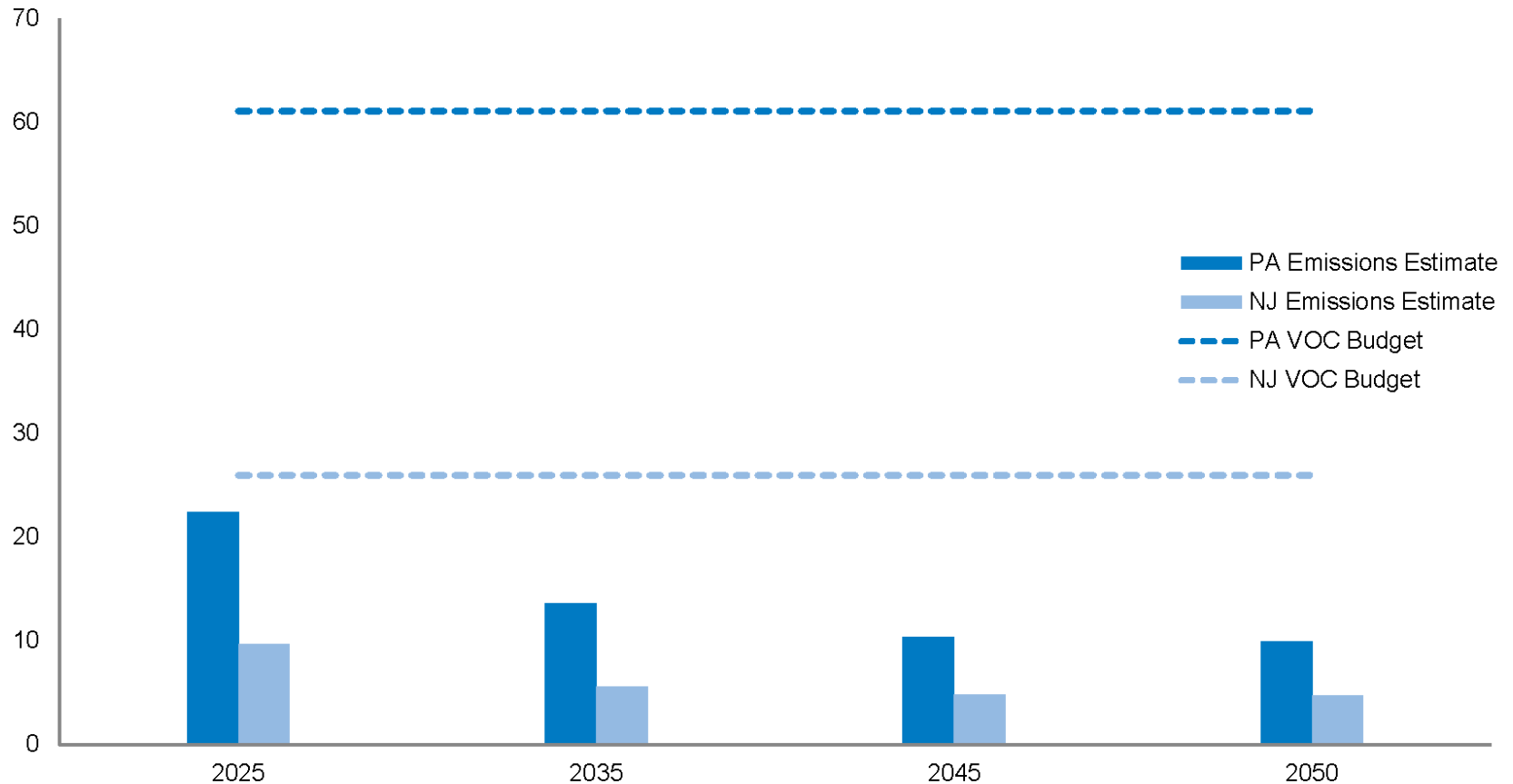
Conformity is tested against SIP “budgets”

- ❖ A budget is an emissions ceiling established in the SIP
- ❖ Projected emissions from projects in the TIP and Plan are compared to SIP budgets
- ❖ If projected emissions are less than budget, the TIP or Plan is conforming to the SIP

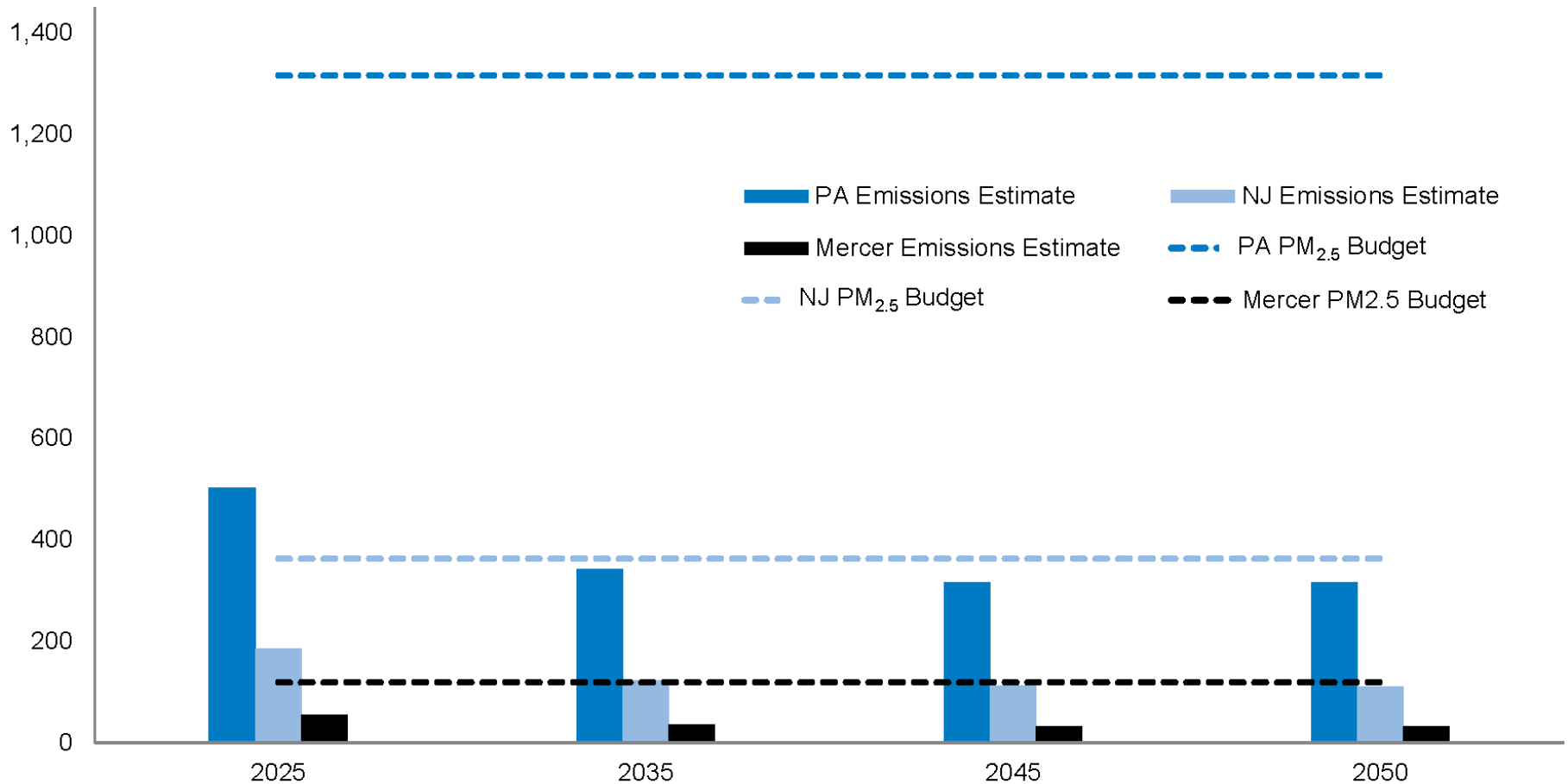
NO_x Emissions Results



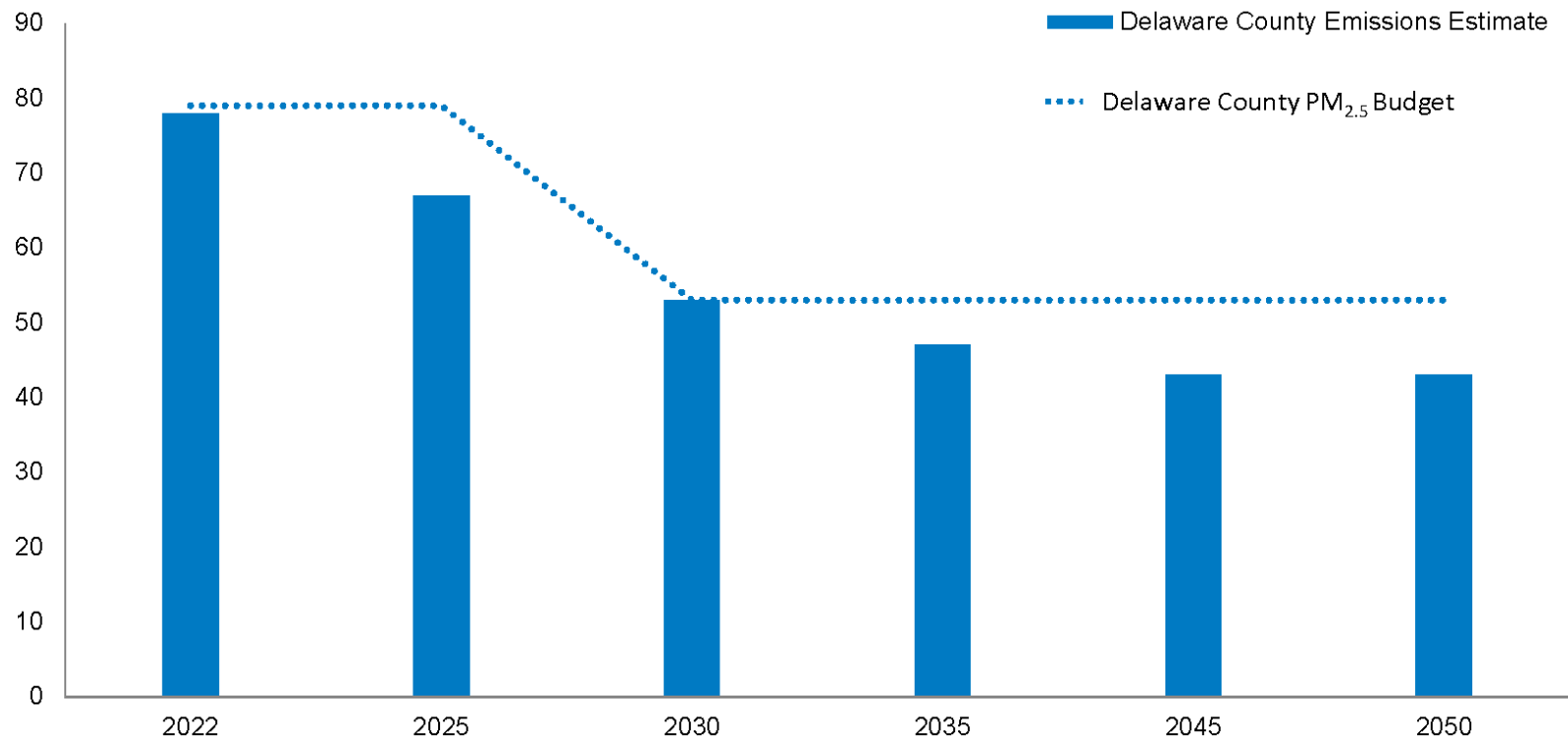
VOC Emissions Results



PM_{2.5} Emissions Results



PM_{2.5} Emissions Results – Delaware County



Emissions Analysis Results

FY 2021 PA TIP, Draft FY 2022 NJ TIP, and the *Connections 2050* LRP

- ❖ “Conform” to the corresponding SIPs and the current final conformity guidance under CAA including all applicable NAAQS requirements
- ❖ Transportation investments identified in the TIPs and the Plan do not impede efforts to attain NAAQS

Conformity Results

- ❖ Meet the 8-hour ozone, daily, and annual PM_{2.5} SIP requirements
- ❖ Replaces the existing conformity finding of July 2020

Public Comment

Public Comment Period

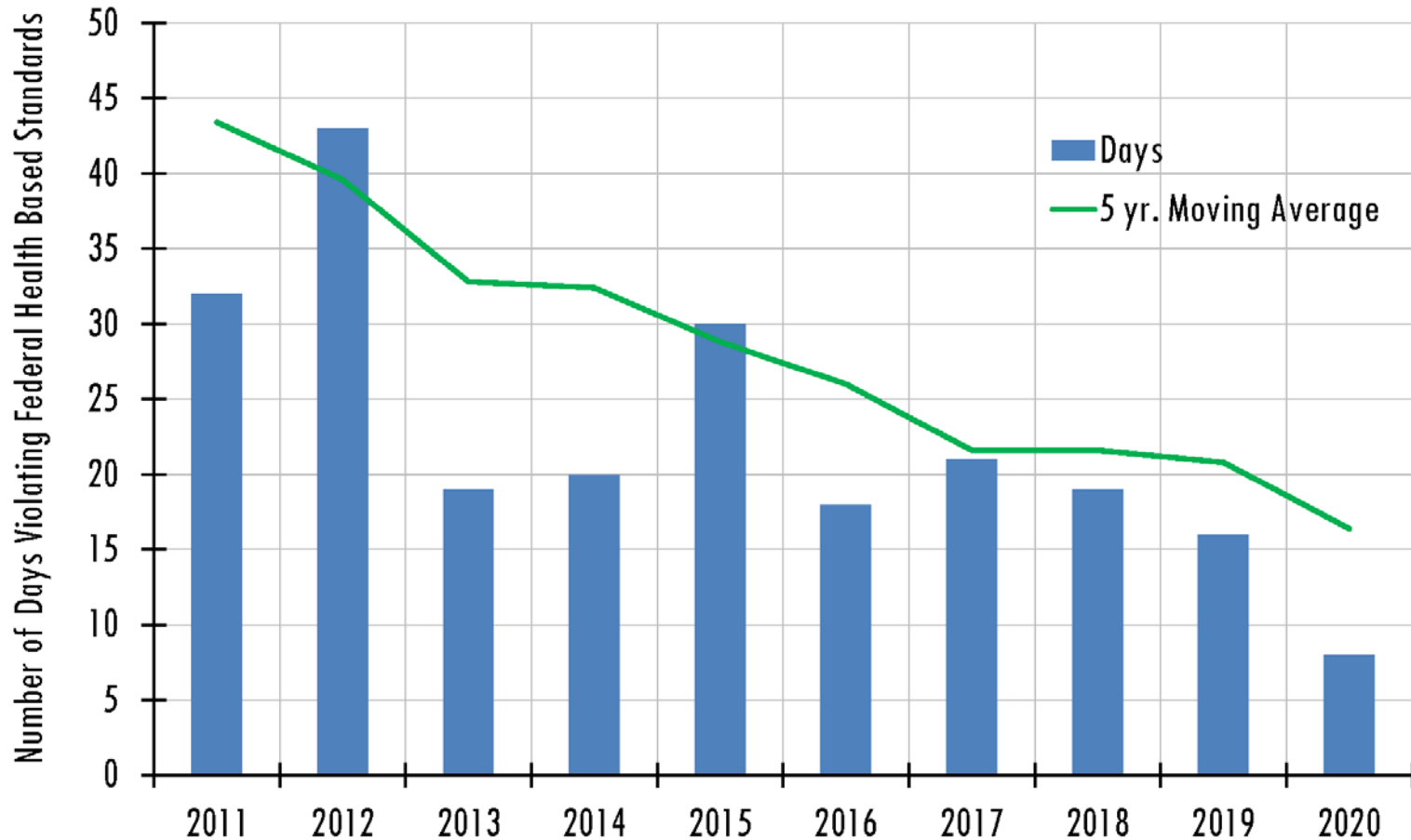
- ❖ August 6, through September 8, 2021
- ❖ Two virtual public meetings
 - August 11 at 2:00 PM and
 - August 18 at 7:00 PM

Comments were accepted:

- ❖ At Public Meeting
- ❖ Via email (airconformity@dvrpc.org)
- ❖ Online (www.dvrpc.org/AirQuality/Conformity/)
- ❖ Via mail

No Public Comments Received to Date

Regional Air Quality Trends



What Can We Do Better?

Regional air quality is improving but...

- ❖ Pockets of poorer air quality at the local level
 - Near transportation, goods movement hubs, and point sources
- ❖ Often times located within disadvantaged communities

What can we do?

- ❖ Identify sources of localized emissions
- ❖ Invest in improving operations, reducing congestion, and promoting alternative transportation options, modernize the fleet of vehicles

Action Proposed

That the RTC recommend that the DVRPC Board adopt the conformity findings of the Draft Connections 2050 LRP, FY 2021 TIP for Pennsylvania, and Draft FY 2022 TIP for New Jersey for Ozone and PM_{2.5} in the DVRPC planning area.

Thank You!



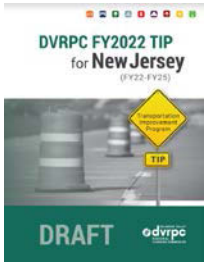
Questions?
Contact: Sean Greene
sgreene@dvrpc.org



Proposed Adoption of the Draft DVRPC FY2022 TIP for New Jersey (FY22-FY25)

RTC | September 7, 2021





FY2022 TIP for New Jersey Development Process

Review and discuss needs and project cost and schedule estimates

Start constraining the draft TIP & for new project candidates, TIP evaluation

Preliminary draft TIP & conclude TIP evaluation

Draft TIP and STIP public comment period

DVRPC staff presents draft TIP with Recommended Changes to the DVRPC Board

Federal review & approval



OCT- DEC 2020



DEC 2020- JAN 2021



MAR - JUNE 2021



JULY 21 - AUG 23, 2021



SEPT 2021



OCT- DEC 2021

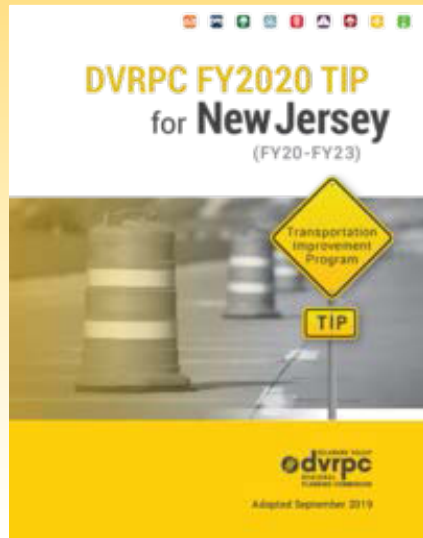
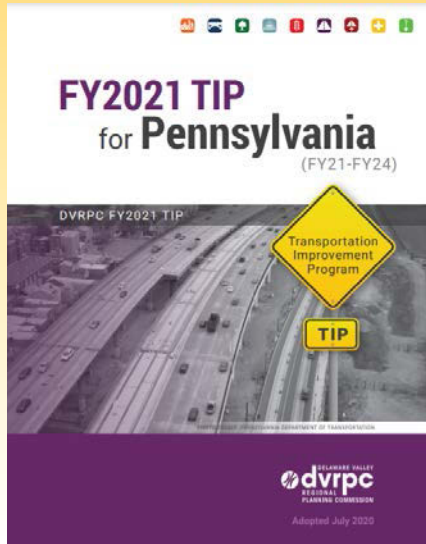
FALL
2020

Then make revisions to preliminary draft TIP, resulting in final draft TIP for public feedback

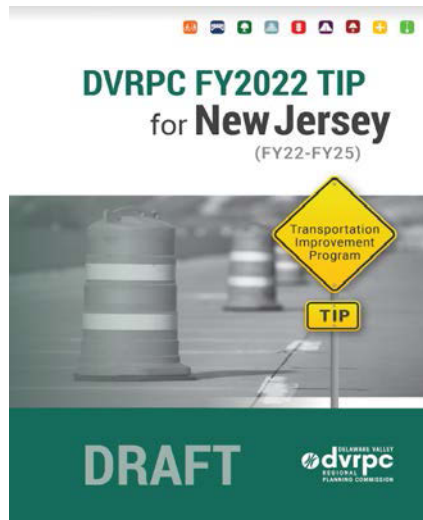
FALL
2021

current FY2020 S/TIP stays active until federal agencies approve the FY2022 S/TIP

TIP is a federal requirement



“Maintain”



“Develop/Update”

Developing and maintaining the TIP makes the region *eligible* to receive and spend federal transportation dollars

Programs

DVRPC Region

1. **Highway Program**
2. **Transit Program: NJ TRANSIT**
3. **Transit Program: DRPA/PATCO**

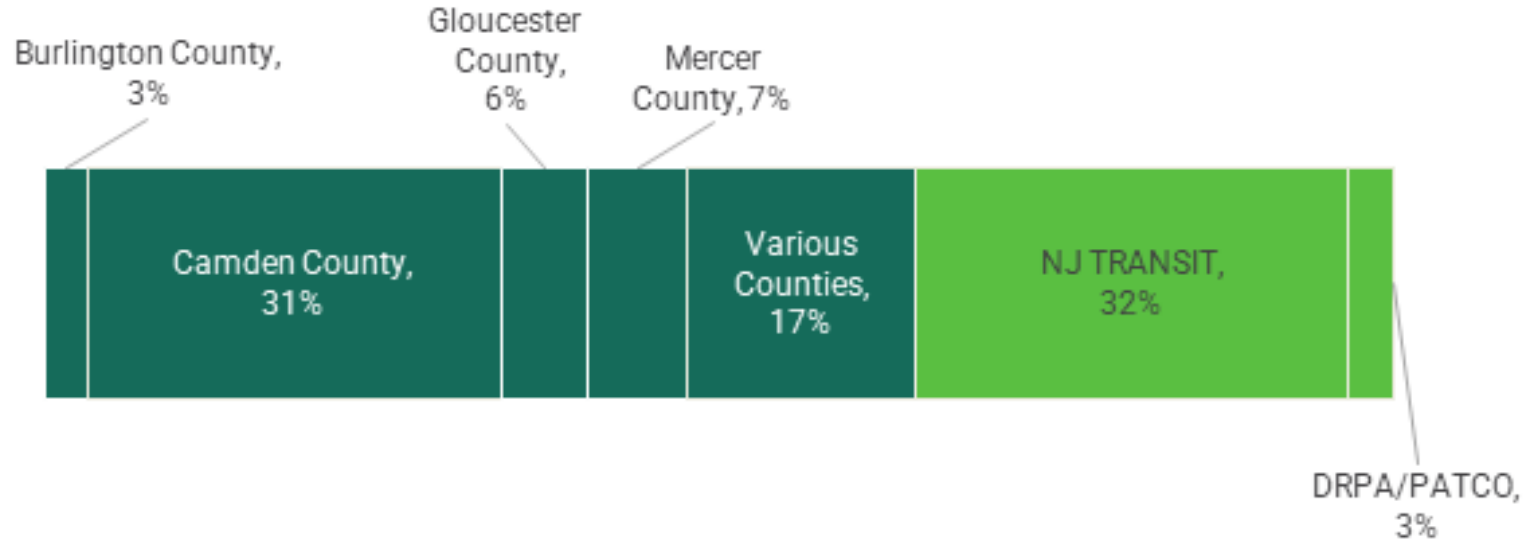
Displayed for Information Only:

Study and Development Program (“Pre-TIP”)

Statewide Program (NJDOT managed, mainly State funded)



% SUMMARY BY COUNTY AND TRANSIT OPERATOR

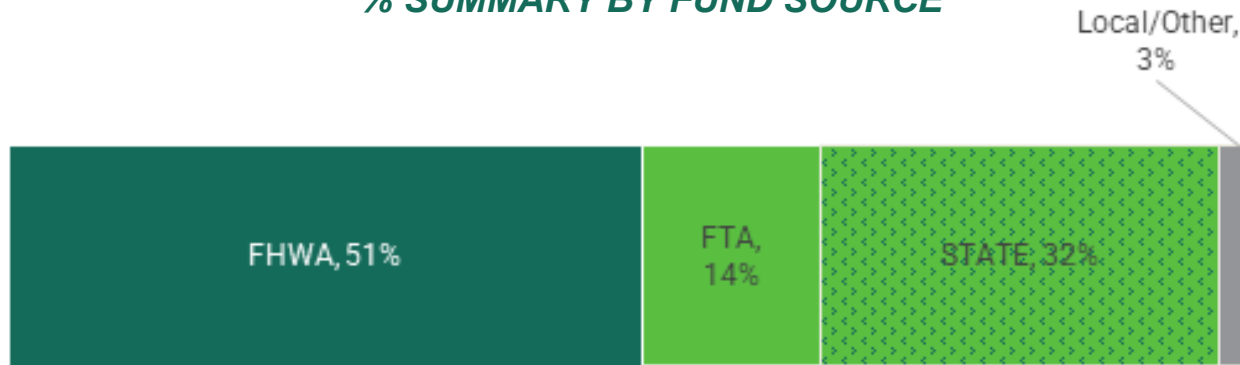


\$2.128 Billion Regional Highway and Transit Total (FY22-25)





Highway Program by County
\$1.373 Billion or 64.5% of both programs

Transit Program by Operator
Almost \$755 Million or 35% of both programs

% SUMMARY BY FUND SOURCE



\$2.128 Billion Regional Highway and Transit Total (FY22-25)

-  Federal Highway Administration (FHWA)
-  Federal Transit Administration (FTA)
-  State Transportation Trust Fund
-  Local or other non-federal sources

12 “New” Projects (Highway) - 9 local, 3 *NJDOT sponsored*

Italicized project title is NJDOT sponsored.

Burlington County

- County 2011 Guide Rail Design Project No. 1 (CR 600, CR 613 and CR 623)
- Rancocas Creek Greenway, Laurel Run Park (Circuit)

Camden County

- CR 544 (Evesham Rd), NJ 41 to Schubert Ave
- CR 758 (Coles Mill Rd), Farwood Rd to Grove St

12 “New” Projects (Highway) - 9 local, 3 *NJDOT sponsored*

Italicized project title is NJDOT sponsored.

Gloucester County

- CR 712 (College Drive) at Alumni Drive Roundabout and Multi-purpose Trail (Circuit)
- CR 654 (Hurffville-Cross Keys Rd), CR 630 (Egg Harbor Rd) to CR 651 (Greentree Rd)
- US 322/CR 536 (Swedesboro Rd), Woolwich-Harrison Twp Line to NJ 55
- *Rowan University Fossil Park Roadway and Intersection Improvement at Woodbury Glassboro Road (CR 553)*

Mercer County

- *Route 130, Bridge over Millstone River*
- *Route 27, Witherspoon Street*

DRPA

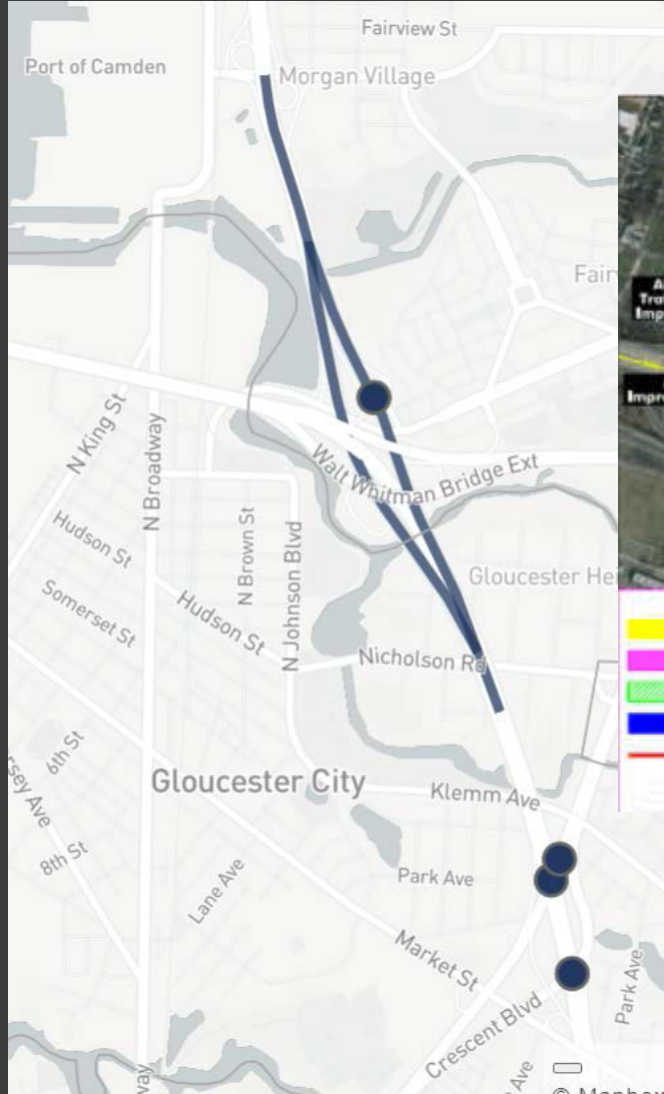
- Walt Whitman Bridge NJ Corridor Resurfacing
- DRPA Systemwide Crash Cushion Attenuating Replacement

Route 76, Bridges over Route 130 (DB #11326A)

Route 76, Nicholson Road, Advanced Utility Relocation, Contract 2 (DB #11326B)

Route 76/676 Bridges and Pavement, Contract 3 (DB #11326C)

Continuing



Credit: NJDOT Draft Financial Management Plan

I-295/I-76/Route 42 Direct Connection, Contract 4 (DB #355E)

Continuing



Credit: Stokes

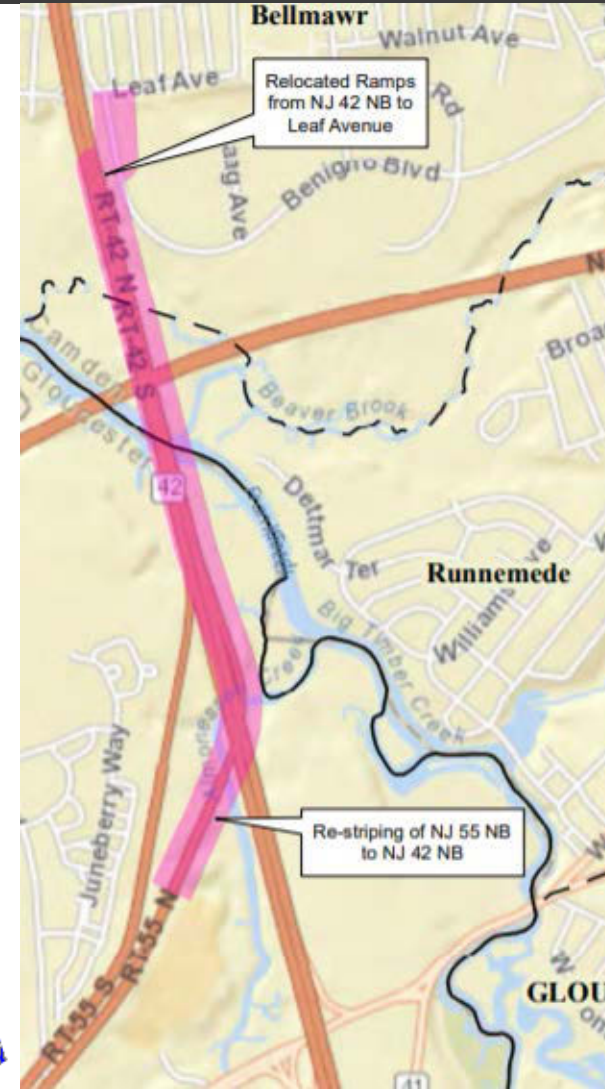
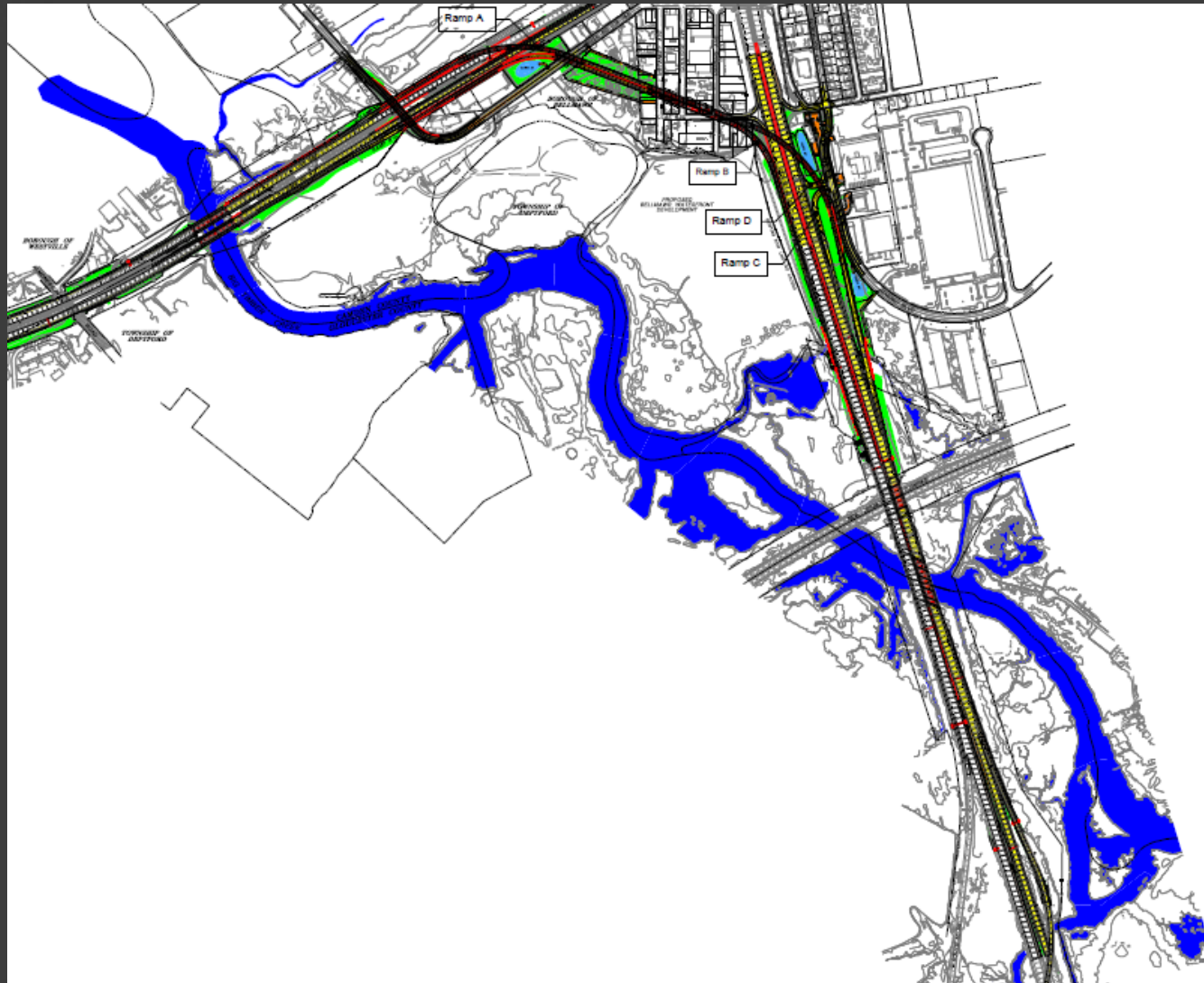
Credit: NJDOT

Visit project page for latest updates: www.state.nj.us/transportation/commuter/roads/rt295



Route 295/42, Missing Moves, Bellmawr (DB #355A)

Continuing



Credit: NJDOT
Credit: DVRPC

dvrpc



Study & Development “Graduates”

Italicized project title is NJDOT sponsored.

Burlington County

- Bridge No. C.4.13 over Parkers Creek on Centerton Road



Camden County

- *Route 30, Cooper Street to Grove Street*
- New or Upgraded Traffic Signal Systems at Intersections, Phase 1, 2, and 3

Gloucester County

- CR 706 (Cooper Street) Bridge over Almonesson Creek

Mercer County

- CR 622 (North Olden Ave), NJ 31 (Pennington Rd) to New York Ave
- Circulation Improvements around Trenton Transit Center  | 

8 “New” Study & Development Projects (Highway)

Italicized project title is NJDOT sponsored. Green is a recommended change to Draft TIP.

Burlington County

- CR 614 (Tom Brown Road), CR 603 (Riverton Road) and New Albany Road Intersection Improvement
- *Route 73, Granite Avenue to Route 41*
- *Route 130 SB, Bridge over Assiscunk Creek*
- *Route 130, CR 543 (Beverly Road) to Lagorce Blvd*

Camden County

- CR 551 (Broadway) Elevation, Little Timber Creek to Route 130
- Erial Rd and College Drive Intersection
- *Route 168, I-295 Interchange Improvements*
- **CR 670 (Burnt Mill Rd) and CR 673 (White Horse Rd) Intersection Improvements**

Gloucester County

- *Route 45, Bridge over Branch of Mantua Creek*

Transit programs continue to insure a safe, efficient, and reliable service to all riders

ADA--Platforms/Stations (DB #T143)
Bridge and Tunnel Rehabilitation (DB #T05)
Bus Vehicle and Facility Maintenance/Capital Maintenance (DB #T09)
Preventive Maintenance-Bus (DB #T135) and Rail (DB #T39)
Rail Rolling Stock Procurement (DB #T112)
NEC Improvements (DB #T44)
Electrical Cable Replacement (DB #DR008)
PATCO Track Resurfacing & Rail Profile Grinding (DB #D1911)
PATCO Interlocking & Track Rehabilitation (DB #DR1501)
etc.

PATCO Fare Collection Equipment Upgrades - recommended change

Public Comment Period (7/21 to 8/23/2021): Outreach


Documents posted online, in public libraries, and distributed to tribal nations

Outreach included:


- Social Media & LinkedIn
- Newspaper Ads (7 total) & Public Notice
- Email Blast (>3,500 individuals, organizations and DVRPC affiliated groups)
- DVRPC homepage announcement
- Mailing of draft TIP hardcopies to major regional public libraries
- 5/6/2021 PPTF Presentation
- 2 virtual public information sessions/meetings (Wed. 8/11 at 2 PM and Wed. 8/18 at 7 PM)

Submit comments

- online via the web map
- email TIP@dvrpc.org
- snail mail
- in-person



GUIDE TO COMMENTING ON THE DRAFT DVRPC FY2022 TIP FOR NEW JERSEY AND DRAFT FY2022 STATEWIDE TIP (STIP) FOR NJDOT AND NJ TRANSIT



Adapted from "Tips for Submitting Effective Comments," accessed from Regulations.gov on July 17th, 2017.

DVRPC, NJDOT, NJ TRANSIT, the DRPA/PATCO, the four counties (Burlington, Camden, Gloucester, and Mercer), the cities of Camden and Trenton, and other project sponsors are very interested in receiving comments from you about the projects and/or the overall multimodal Draft DVRPC FY2022 TIP for New Jersey and the Draft STIP. We believe that public participation is a fair way to ascertain the interests of a wide variety of residents across the region and that public involvement is important for sound decision-making.

[The Statewide TIP](#) (STIP) includes a listing of statewide line items and programs, in addition to three regional TIPs developed by the state's Metropolitan Planning Organizations (MPOs) — DVRPC, SJTPO, and NJTPA. NJDOT and NJ TRANSIT would like to receive your feedback on the Draft FY2022 STIP via DVRPC and the other two MPOs in NJ.

A comment can express simple support or opposition for/to a project. The public comment process is not a vote. However, a constructive, information-rich comment that is clearly communicated and supported with facts and local knowledge is more likely to have an impact on decision-making. The following questions and suggestions are intended to provide guidance about how to submit comments that will help sponsors deliver the best possible transportation projects.

Advice for Crafting Effective Comments:

- Read the description and understand the project you are commenting on. Is the project a study, operational improvement, enhancing a parking lot/bus stop, or creating a multi-use trail? What are its intended effects? For example, an operational improvement project, such as signal re-timing, may not be able to add another travel lane within its scope, but safety components like signage could be added to many kinds of projects.
- Be concise, but support your claims with sound reasoning, documented evidence, and/or how your community will be impacted. For example, have you observed the impacts of a new development on traffic patterns? Is there a study that supports your comment?
- Try to address trade-offs and opposing views.
- If you disagree with a project, suggest an alternative and include an explanation and/or analysis of how your alternative might meet the same objective or be more effective. A potential alternative to a project proposed with the project.

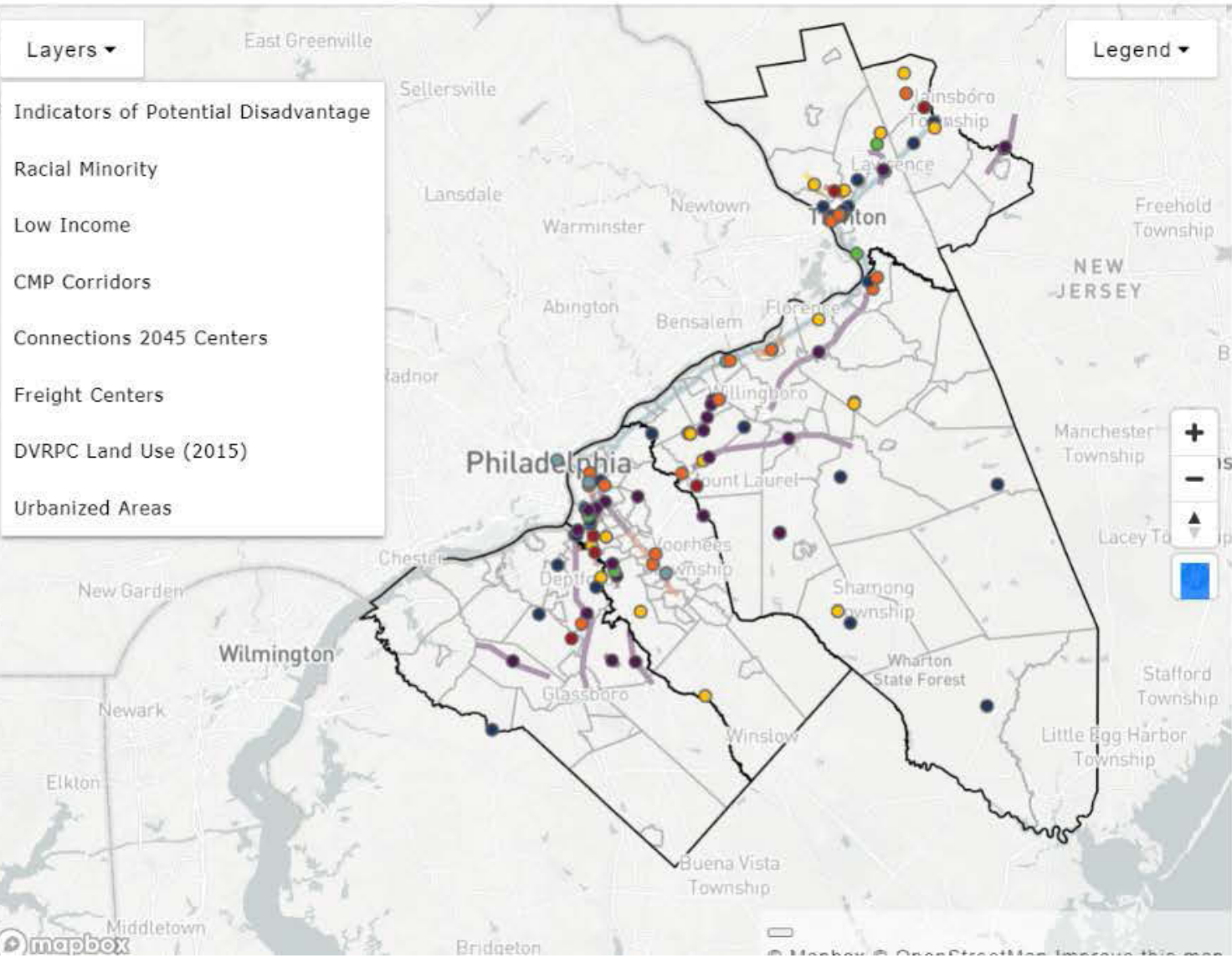


Search TIP by Project, Keywords, Fund or Address






[View Full TIP Map](#) | [More Information](#) ↓

[TIP Homepage](#)

Draft FY2022 Transportation Improvement Program for New Jersey (FY22—FY25)



All Categories 83 results. [List](#) / [Tiles](#)

-  CR 616 (Mill Street) Bridge over South Branch Rancocas Creek
DB #D2202
-  CR 614 (Tom Brown Road), CR 603 (Riverton Road) and New Albany Road Intersection Improvement - CR 603 (Riverton Road) and New Albany Road
DB #D2201
-  Route 38, Nixon Drive to Route 295 Bridge
DB #15385
-  Pavement Preservation - Route 38 from Route 295 to Route 206
DB #X51
-  Circulation Improvements Around Trenton Transit Center

Comments and Responses (3 Reports)

1. Index of Comments (summary and commenter)
2. Original Comments (full version of comments)

All comments received:

- Every issue has an “item ID #”
- From individuals (general public) and those on behalf of advocacy groups

1. Responses to Comments from the Appropriate Agency
(see updated report)

Public Comment Period: *Results*

- **85 individuals** submitted **124 written comments** primarily online, then email and airmail, commenting on **135 issues**.
- Issue types:
 - 62% - Combined requests for Circuit trail funding (CMAQ and TA Set-Aside), the inclusion of safety and bicycle/pedestrian elements in TIP projects, and support for certain TIP projects
 - 19% - Project concerns, questions, and/or suggestions
 - 17% - Supports project or other TIP related item
 - 5% - Requests for a new TIP project/line item/study
 - 3% - DVRPC Competitive CMAQ Program request or comment
 - 3% - General concerns, questions, and/or suggestions
 - 1% - Opposes project or other TIP related item

List of Recommended Changes

Recommended Changes –

Table of Changes that would become part of the final TIP document

Recommended Changes | Highway Program | Amendments

Gloucester County:

Gloucester County Multi-Purpose Trail Extension - Glassboro Elk Trail

- Add project back into the TP by displaying CON in FY23 for \$596,000 17-STATE-DVRPC and \$3.304 M 18-STATE-DVRPC totaling \$3.9 M and update the TIP project description to reflect this change.

Mercer County:

Trenton Amtrak Bridges

- Decrease \$3 M STBGP-TRENTON to zero for FY22 ROW. As CON is not programmed in the Draft TIP for this project due to lack of available funding, this action will essentially delete the project from the FY2022 TIP.

Recommended Changes | Highway Program | Modifications

Burlington County:

Route 38, South Church Street (CR 607) to Fellowship Road (CR 673), Operational and Safety Improvements

- Decrease the FY24 CON cost by \$2.799 M from \$19.8 M NHPP to \$17.001 M NHPP.

Camden County:

Sicklerville Road (CR 705) and Erial Road (CR 706) Systemic Roundabout

- Delay FY23 CON to FY24, decrease \$1.518 M HSIP to zero in FY23 for CON, and add \$1.018 M STBGP-PHILA and \$500,000 HSIP for FY24 CON. The overall \$1.518 M project CON cost will not change.

Recommended Changes | Highway Program | Modifications

Mercer County:

CR 622 (North Olden Ave), NJ 31 (Pennington Rd) to New York Ave

- Decrease FY22 PE by \$500,000 from \$1.5 M STBGP-TRENTON to \$1 M STBGP-TRENTON.

Lincoln Ave/Chambers Street (CR 626), Bridge over Amtrak & Assunpink Creek

- Delay the \$3.5 M STBGP-TRENTON funded DES from FY21 to FY22 and \$41 M OTHER-DVRPC funded CON from FY23 to FY24 (\$16.4 M STBGP-TRENTON), FY25 (\$16.4 M STBGP-TRENTON), and FY26 (\$8.2 M STBGP-TRENTON).

Recommended Changes | Highway Program | Modifications

Mercer County:

Parkway Avenue (CR 634), Scotch Road (CR 611) to Route 31 (Pennington Road)

- Delay the first year of CON from FY24 to FY25 with the following adjustments,
FY24 –from \$3 M HSIP to \$0 HSIP
FY25 –no change at \$3 M HSIP
FY26 –from \$735,000 HSIP to \$3 M HSIP
FY27 –from \$0 HSIP to \$956,000 HSIP,
and increase overall project CON cost by \$221,000 from \$6.735 M HSIP to \$6.956 M HSIP.

Recommended Changes | Highway Program | Modifications

Mercer County:

Route 1, Alexander Road to Mapleton Road

- Program 63% (\$23.769 M CMAQ) of the \$37.7 M total project costs in the DVRPC region instead of 100% and the remaining 37% (\$13.932 M CMAQ) of total project costs in the NJTPA region, accordingly:
 - FY22 ROW - \$7.5 M (\$5.83 M CMAQ DVRPC/ \$1.671 M CMAQ NJTPA)
 - FY25 UTL - \$11.2 M CMAQ in DVRPC region
 - FY29 CON - \$19 M (\$6.739 M CMAQ DVRPC/ \$12.261 M CMAQ NJTPA)

Recommended Changes | Highway Program | Modifications

Mercer County:

Route 130, Bridge over Millstone River

- Program 50% (\$4.2 M) of the \$8.4 M total project cost in the DVRPC region instead of 100% and the remaining 50% (\$4.2 M) of total project cost in the NJTPA region, accordingly:
 - FY22 ROW - \$100,000 (\$50,000 STATE DVRPC/ \$50,000 STATE NJTPA)
 - FY23 CON - \$8.3 M (\$4.15 M NHPP DVRPC/ \$4.15 M NHPP NJTPA region)

Route 130, Westfield Ave. to Main Street

- Program 52% (\$11.898 M) of the \$22.901 M total project cost in the DVRPC region instead of 100% and the remaining 48% (\$11.003 M) of total project cost in the NJTPA region for FY25 CON.

Recommended Changes | Highway Program | Modifications

Various Counties:

Transportation and Community Development Initiative (TCDI) DVRPC

- Decrease even years (FY22 to FY31) by \$550,000 from \$705,000 to \$155,000 STBGP-PHILA
- Increase odd years (FY22 to FY31) by \$650,000 from \$105,000 to \$755,000 STBGP-PHILA.

ADA South, Contract 4

- Replace/remove \$7.603 M STBGP-FLEX with \$6.171 M STBGP-FLEX and \$1.432 M DEMO-R in FY22 CON. No change to overall project cost.

Local CMAQ Initiatives

- Decrease \$496,000 total over the First-Four Years from \$5.778 M CMAQ to \$5.282 M CMAQ

Recommended Changes | Highway Program | Modifications

Various Counties:

DVRPC, Future Projects (due to various project adjustments)

- Increase the First-Four Years by \$988,000 STBGP-PHILA
- Decrease the Out-Years by \$300,000 STBGP-PHILA

Local Safety/ High Risk Rural Roads Program (due to various HSIP project adjustments)

- Increase the First-Four Years by \$4.018 M HSIP
- Decrease the Out-Years by \$3.221 M HSIP
- The action will also remove \$2.206 STBGP-PHILA from FY23.

Recommended Changes | Transit Program (NJ TRANSIT) | Amendments

Bus Vehicle and Facility Maintenance/Capital Maintenance Claims Support

Job Access and Reverse Commute Program

- Remove project listings as there are no funds programmed and should not have appeared in the Draft TIP.

Recommended Changes | Transit Program (DRPA/PATCO) | Amendments

PATCO Fare Collection Equipment Upgrades

- Add a new \$10 M (\$8 M SECT 5337/\$2 M DRPA) program/project for EC in FY22 (\$2 M SECT 5337/\$50,000 DRPA), FY23 (\$2 M SECT 5337/\$50,000 DRPA), FY24 (\$2 M SECT 5337/\$50,000 DRPA), and FY25 (\$2 M SECT 5337/\$50,000 DRPA).
- This is an air quality conformity exempt project (M1) that will upgrade all obsolete parts of PATCO's Fare Collection system to give the ability for PATCO riders to have "open payment" at all PATCO stations.

Reopening of Franklin Square

- Remove the project listing as there are no funds programmed and should not have appeared in the Draft TIP.

Recommended Changes | Transit Program (DRPA/PATCO) | Modifications

Various Projects/Programs:

Remove the FY21 amounts in the Unobligated Prior Year Funding table for the following projects as funds were obligated this FY21:

- PATCO Interlocking & Track Rehabilitation
- PATCO Rail Replacement - Ferry Avenue to Broadway
- PATCO Station Platform Rehabilitation
- PATCO Viaduct Preservation Project
- Preventive Maintenance
- Relocation of Center Tower/SCADA Modernization
- Smoke and Fire Control
- Subway Structures Renovation
- Transit Enhancements

Recommended Changes | Study and Development Program | Amendment

Camden County

CR 670 (Burnt Mill Rd) and CR 673 (White Horse Rd) Intersection Improvements

List a new local concept development project in the Study and Development Program.

Recommended Changes | Statewide Highway Program | Modifications

Bicycle & Pedestrian Facilities/Accommodations

- Increase FY23, FY24, and FY25 ERC by \$496,000 from \$4.126 M CMAQ to \$4.622 M CMAQ.

Bridge Deck/Superstructure Replacement Program

- Increase FY22 and FY23 ERC by \$6.24 M from \$4.501 M NHPP to \$10.741 M NHPP.

Delaware & Raritan Canal Bridges

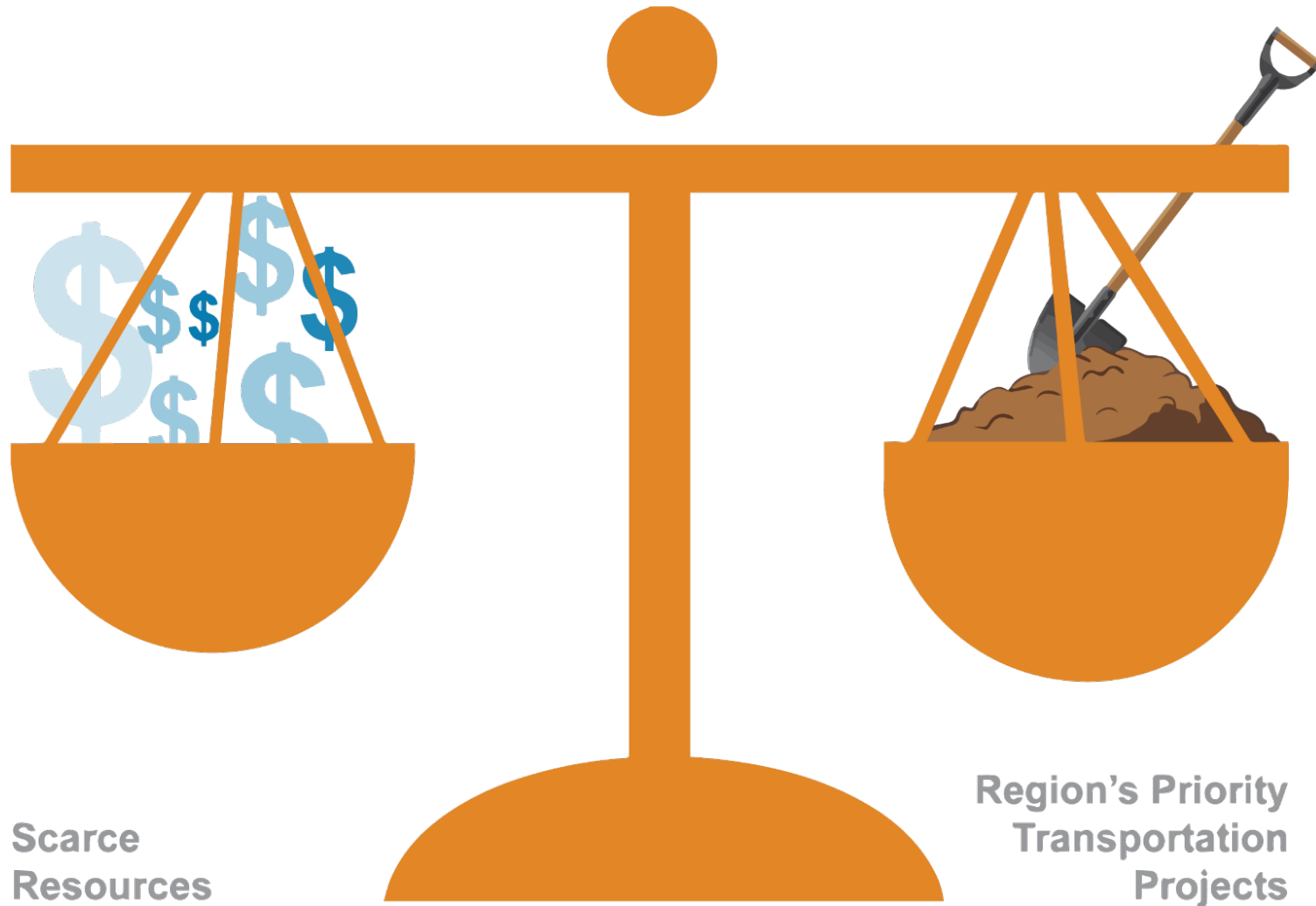
- Decrease FY22 ERC by \$19,000 STBGP-FLEX from \$776,000 STBGP-FLEX to \$757,000 STBGP-FLEX and add \$19,000 DEMO-R.
No change to the overall amount.

Unanticipated Design, Right of Way and Construction Expenses, State

- Increase FY22 ERC by \$2.8 M from \$33.673 M STATE to \$36.473 M STATE.

Recommended Changes | Technical (Minor)

- Modify the Draft TIP by defining “LOCAL-DVRPC” and improving the definition for “OTHER-DVRPC” in Chapter 6.
- Modify the Draft TIP by expanding TIP project descriptions on certain NJ TRANSIT line items in the DVRPC TIP:
 - *DB# T111 Bus Acquisition Program*
 - *DB# T08 Bus Support Facilities and Equipment*
 - *DB# T09 Bus Vehicle and Facility Maintenance/Capital Maintenance*
 - *DB# T135 Preventive Maintenance-Bus*



Scarce Resources

Region's Priority Transportation Projects






Regional Decision Making is Critical

RTC Action

That the RTC recommends Board approval of the Draft DVRPC FY2022 TIP for New Jersey (FY22-FY25) with recommended changes as the region's official selection of transportation projects for federal funding, by passing the appropriate Resolution.



Thank You!

Connect With Us!     

www.dvrpc.org/TIP



A large, white, stylized letter 'C' is positioned on the left side of the page. The 'C' is composed of several interlocking puzzle pieces, with a dark blue circular shape in the center. The background of the entire page is a high-tech, abstract map of the Delaware Valley region, overlaid with a network of glowing white lines and several bright, out-of-focus light spots in shades of blue and purple.

connections 2050

PLAN for GREATER PHILADELPHIA
Regional Technical Committee | September 7, 2021



Agenda

Public Outreach

2050 Vision

Key Strategies

Financial Plan

Public Comment Period

Plan Changes in Response to Public Comment

Recommended Action



Public Outreach

Futures Group

- Dispatches from Alternate Futures
- Preparing Greater Philadelphia for Highly Automated Vehicles

Visioning

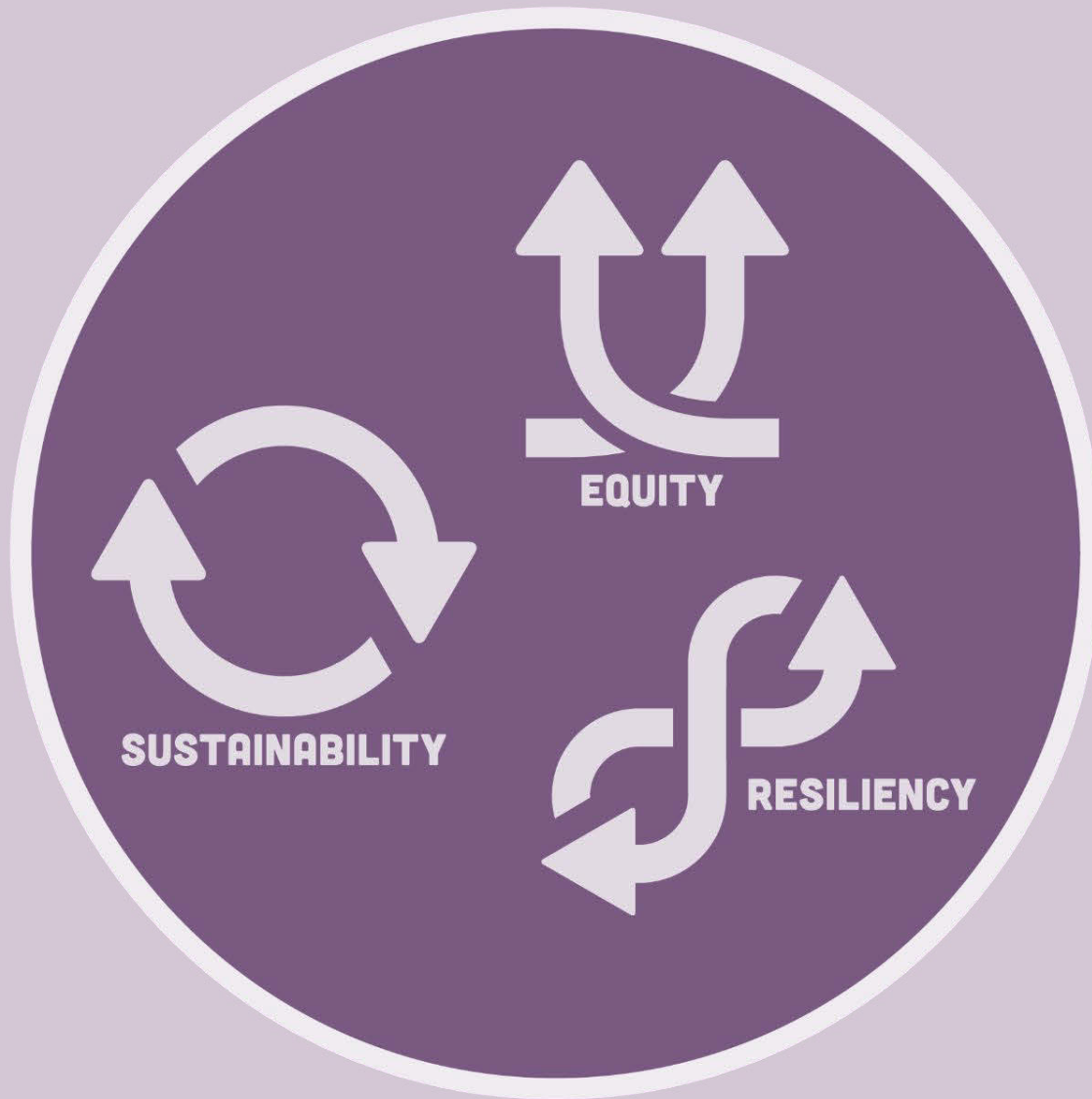
- 5 Public Workshops
- Online Survey
- 12 Community Conversations
- Youth Workshops

5 Strategy Workshops

30-Day Public Comment Period



Plan **PRINCIPLES**





Vision for 2050

An **EQUITABLE, RESILIENT**, and **SUSTAINABLE** Greater Philadelphia that:

Preserves and restores the natural **ENVIRONMENT**.

Develops inclusive, healthy, and walkable **COMMUNITIES**.

Maintains a safe, multimodal **TRANSPORTATION** network that serves everyone.

Grows an innovative and connected **ECONOMY** with broadly shared prosperity.



Key Strategies

	EQUITY	RESILIENCY	SUSTAINABILITY
ENVIRONMENT Strategies Goals	1 PRESERVE OPEN SPACE and FOCUS GROWTH in CENTERS 	2 REDUCE GREENHOUSE GAS EMISSIONS and IMPROVE AIR QUALITY 	3 EXPAND NATURE in the Built Environment, IMPROVE WATER QUALITY , and ADAPT TO CLIMATE CHANGE
COMMUNITIES Strategies Goals	4 UPLIFT EVERY VOICE to BUILD INCLUSIVE COMMUNITIES that Develop WITHOUT DISPLACEMENT 	5 DESIGN NEW and CELEBRATE HISTORIC High-Quality, WALKABLE, NEIGHBORHOODS 	Increase the SUPPLY and VARIETY of AFFORDABLE HOUSING Options and SUPPORT an AGING POPULATION
TRANSPORTATION Strategies Goals	7 MAINTAIN EXISTING Transportation INFRASTRUCTURE and Facilitate the EQUITABLE DEPLOYMENT of NEW MODES and TECHNOLOGIES 	8 SAFELY ACCOMMODATE TRANSIT, WALKING, and BIKING, and TRANSPORTATION NETWORK USERS of ALL ABILITIES 	9 PROMOTE EQUITABLE ACCESS to OPPORTUNITY
ECONOMY Strategies Goals	10 BOLSTER CONNECTIONS to the GLOBAL ECONOMY and ACCESS to COMMUNICATIONS TECHNOLOGIES 	11 EXPAND KEY ECONOMIC SECTORS 	12 SUPPORT SMALL BUSINESSES, ENTREPRENEURSHIP, and LIFELONG LEARNING
REGIONAL PLANNING Strategies All Goals	13 BE PREPARED to ADAPT to a RANGE of PLAUSIBLE FUTURES 	14 DECISION-MAKING that SUPPORTS the REGIONAL VISION 	15 Take INDIVIDUAL and MUNICIPAL ACTIONS

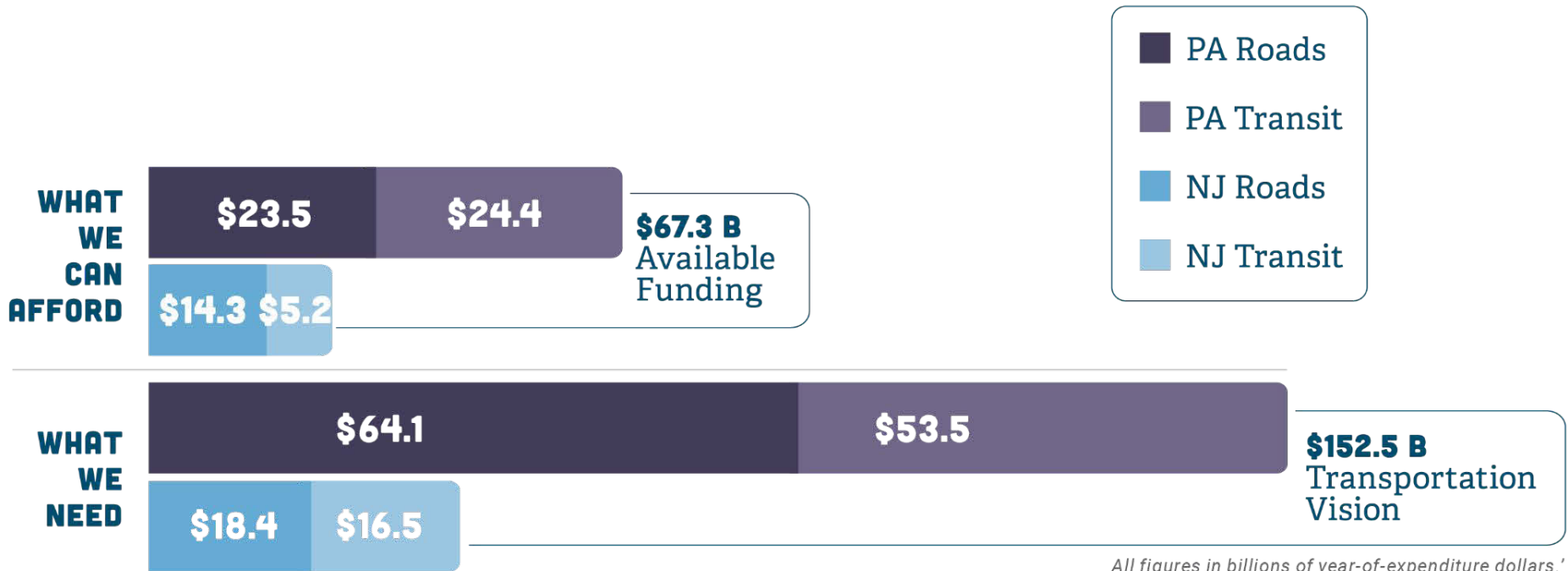


1. Preserve Open Space & Focus Growth in Centers





Regional Transportation Vision Compared to Available Funding

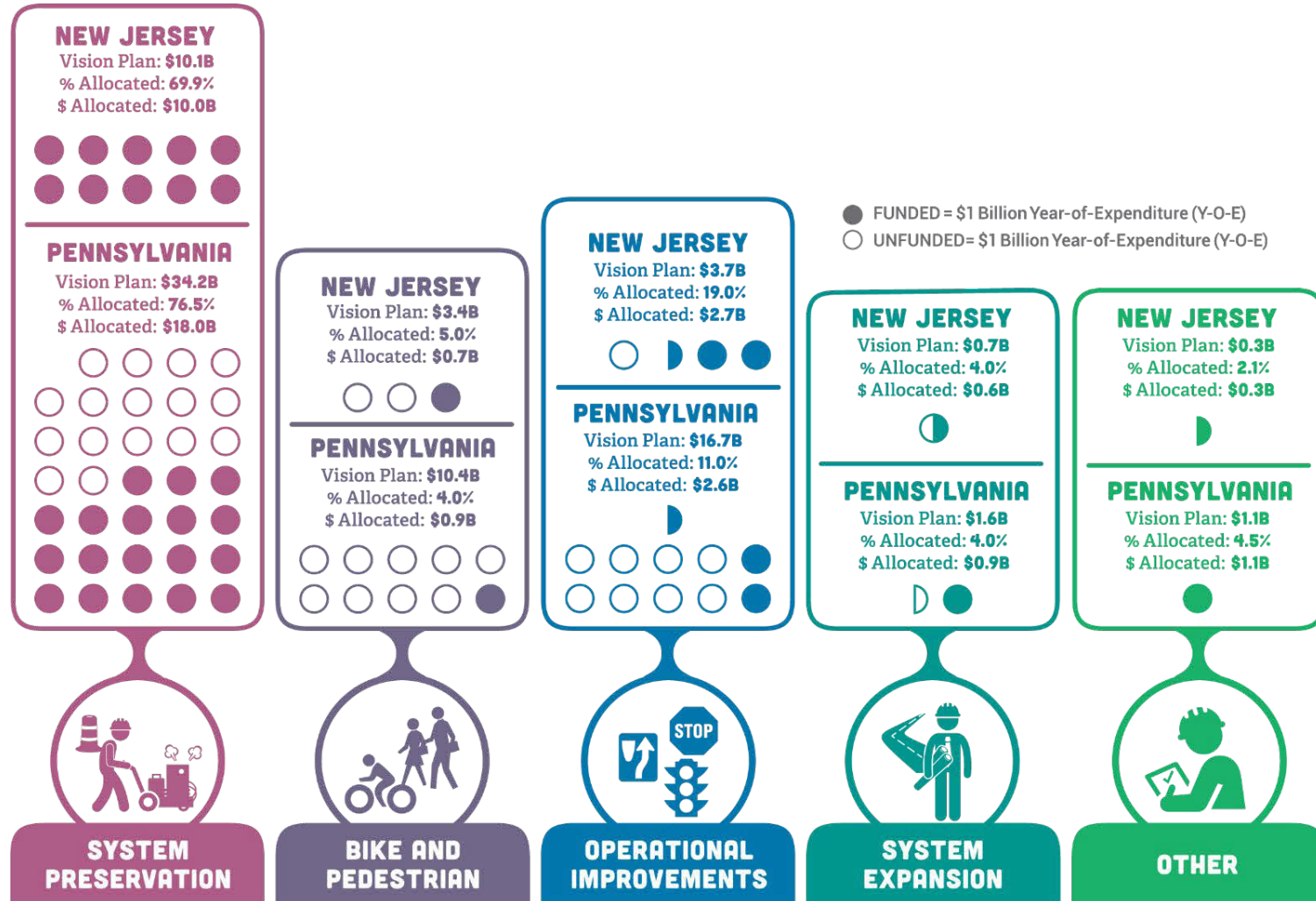


All figures in billions of year-of-expenditure dollars.

dvrpc | 2021

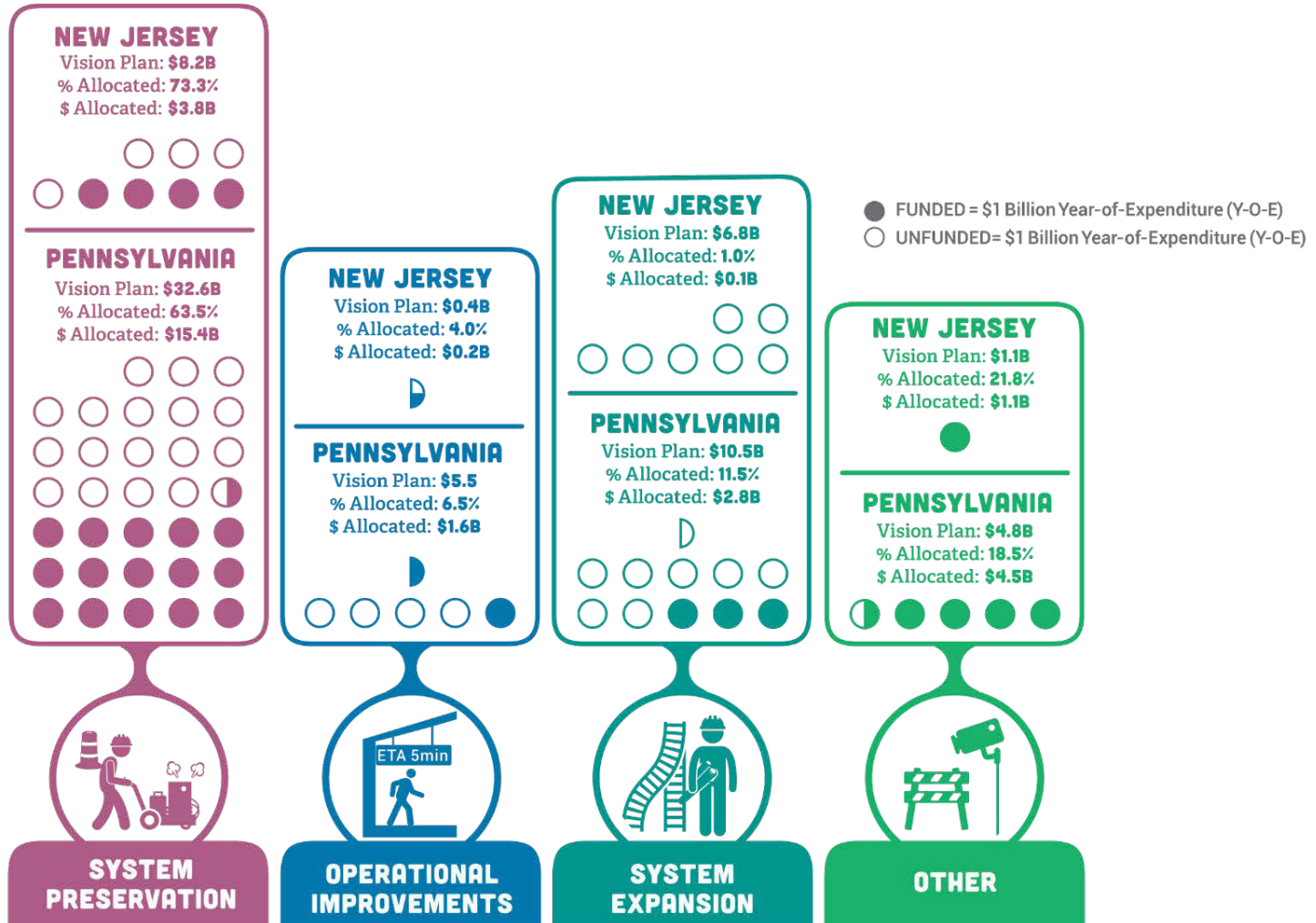


Allocating Roadway Funds by Project Category





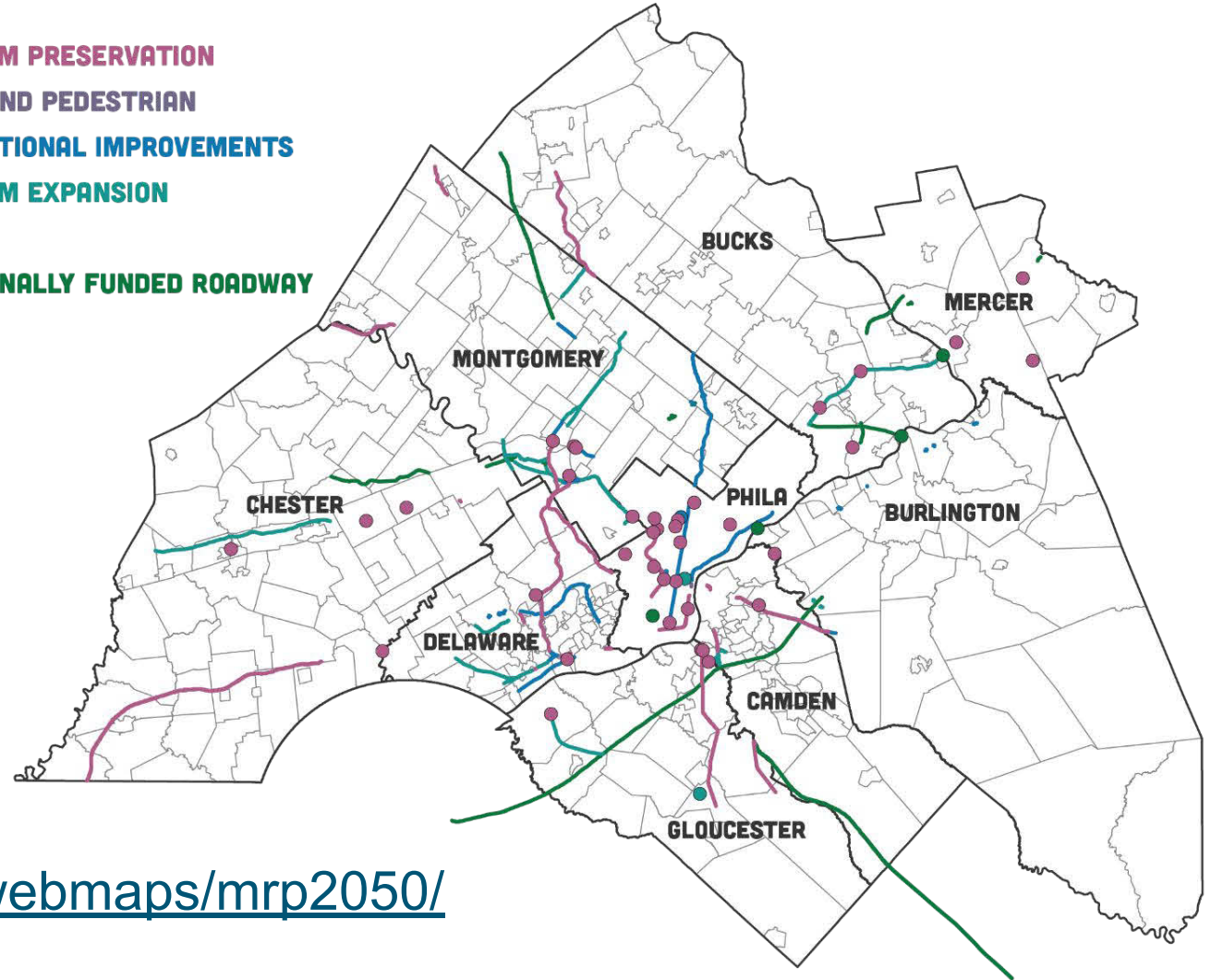
Allocating Transit Funds by Project Category





2050 Major Regional Projects

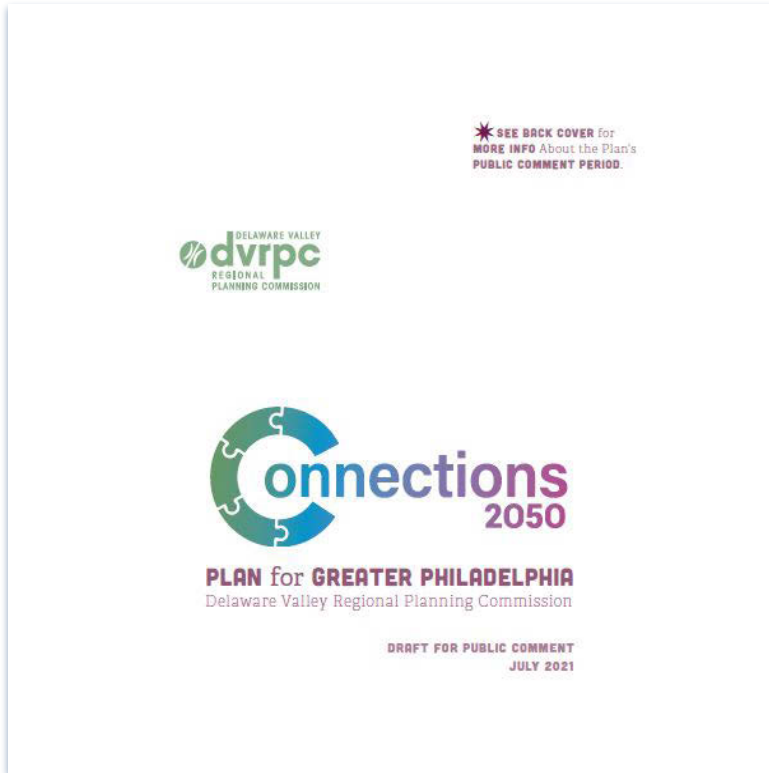
- SYSTEM PRESERVATION
- BIKE AND PEDESTRIAN
- OPERATIONAL IMPROVEMENTS
- SYSTEM EXPANSION
- OTHER
- EXTERNALLY FUNDED ROADWAY



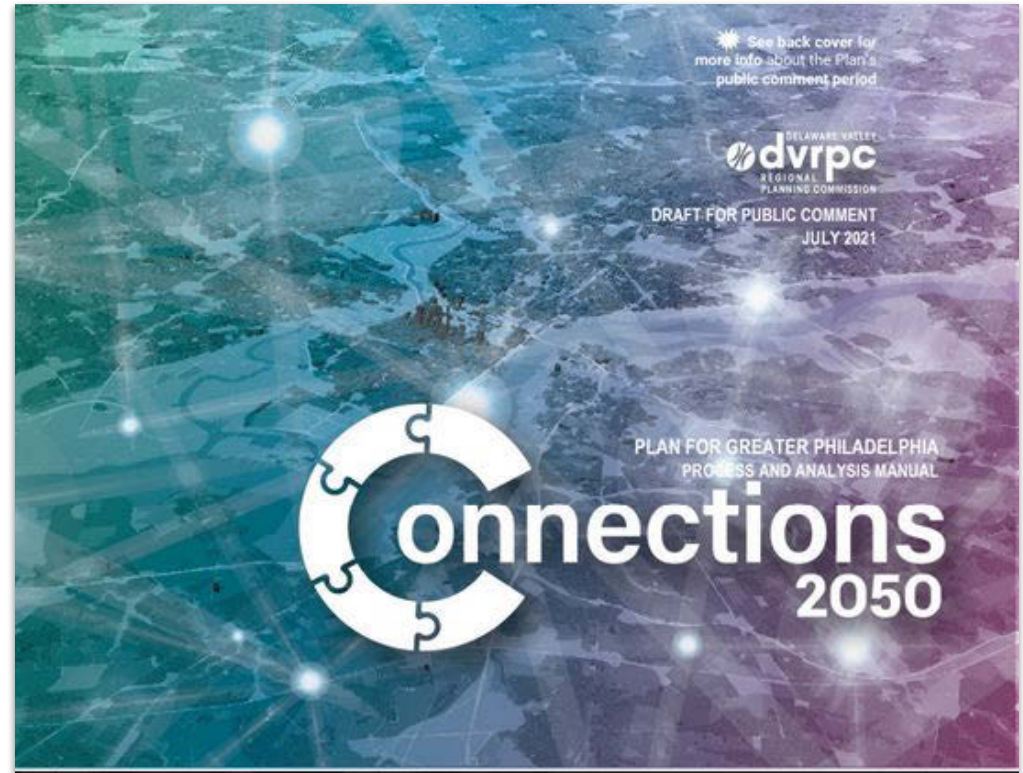
www.dvrpc.org/webmaps/mrp2050/



Connections 2050 Documents



Policy Manual



Process & Analysis Manual



Public Comment Period

- Held from July 28 to August 30, 2021.
- 2 public comment webinars (August 11 & 18).
- Comments via www.dvrpc.org/2050 form, email (lrp@dvrpc.org), mail, and during webinars.
- Advertised by:
 - Legal notice in area newspapers.
 - DVRPC website.
 - email to more than 12,000 recipients on DVRPC's distribution list.
 - Sent to tribal governments in the region.
- 'Submit' button issues



Public Comments Received

492 Total:

- 219 - Bicycle Coalition of Greater Philadelphia & the Circuit Coalition.
- 106 - No roadway widening.
 - 26 - Opposition to I-95 reconstruction (no widening).
- 87 - Plan projects do not support Environmental Justice & climate goals, particularly I-95 & US 30
- 70 - Other: Change funding priorities to transit, bike, ped; Stronger response to climate change and equity; Specific projects; and Anti-Vision Zero.
- 10 - flagged as inappropriate.



Bicycle Coalition & Circuit Coalition (219)

1. Explicit commitment to completing the Circuit & safe neighborhood connections to it.
2. Program \$60 million Surface Transportation Block Grant funds annually to bike and ped projects.
3. Commit to completing 500 miles of Circuit Trails by 2025.
4. Commit to spending 17% of transportation dollars on bike and pedestrian facilities.
5. Program the High Quality Bike Network on the TIP.
6. Support Vision Zero with concrete strategies & projects.
7. Create a bike/ped technical committee.*
8. Create a bike/ped expeditor unit.*

*Circuit Coalition request



No Widening (106)

- “Stop expanding highways and focus energy on EXPANDING PUBLIC TRANSIT.”
- “Any projects to widen highways should be seriously reconsidered in light of ... CO2 emissions and climate change ... focus on public transportation options and zero-emissions options such as bike lanes and greenspace.”
- “spending money to widen highways is never going to fix congestion ... induced demand means traffic will eventually fill all the capacity you build to the detriment of our city and the planet”
- “ ... Highway funds should focus on repair and maintenance, not expansion ...”



Environmental Justice Letter (87)

- *Transportation’s impacts on Black neighborhoods, historic resources, and induced demand in the Plan are “correct and welcome statements”:*
- *“Major Regional Projects list directly contradicts these principles.”*
 - *“At least 12 out of the 20 costliest transportation projects include highway widening ... displaying a total insincerity in addressing and combating the socioeconomic and climate-related issues identified in Connections 2050.”*
 - *“Other metropolitan areas are actively talking about removing highways through city centers and reversing the devastating environmental effects of urban renewal.”*
 - *“Yet the Delaware Valley’s long-term plan is reconstruction of I-95 in South Philadelphia for over \$4 billion dollars.”*
 - *“Is this representative of transportation equity and climate justice?”*
- *“The DVRPC Board [is urged] to reject Connections 2050 ... and revise the capital projects budget to identify real sources and cost estimates for transit and multimodal projects, while also scaling back highway projects to the minimum needed for rehabilitation only.”*



Comments on Specific Projects

More Support for:

- Roosevelt Boulevard Transit
- High-Quality Bike Network
- Trolley Modernization
- Spring Garden Greenway
- I-76 Active Traffic Management
- Cap over I-676
- Regional Rail Service Frequency & Bus Network Redesign
- Various other transit expansion (i.e. GCL, Broad St. Line extension)
- Putting I-95 below grade through South Philadelphia

Some Opposition To:

- KOP Rail
- US 30
- Any other highway expansion (i.e. US 1, US 202, US 322)



Alignment Between Frequent Comments & the Plan

Plan Builds Regional Consensus On:

- Focus on system preservation.
- Expansion of transit, bike, and pedestrian facilities.
- Very limited roadway system expansion.
- Linking land use and transportation.
- Vision Zero goal & strategies.
- Respond to climate change through reduction of greenhouse gas emissions and infrastructure resiliency.
- Focus on more equitable investments and transportation access.



Key Plan Changes

Process & Analysis Manual

- More clearly noting that Circuit Trail projects can advance into the TIP as 'illustrative' projects.
- Added description of all federal and state funding types and their eligible uses.
- Discussion about challenges in delivering bike and pedestrian projects.

Policy Manual

- Clarify the financial plan (non-major regional projects in TIP, separate roadway & transit budgets, year-of-expenditure \$s)
- Note that the Plan shapes the pipeline of projects and regional planning agenda.
- Notes where more work needs to be done.



8 Safely Accommodate Walking, Biking, Transit, and Transportation Network Users of All Abilities

Checklist:

- Design all projects with system safety principles**, and use traffic calming, reduced travel lane widths, roundabouts, road diets, lower speed limits, **automated traffic enforcement**, and FWHA's proven safety countermeasures to improve safety and operations, slow traffic, and enhance bikeability and walkability.



Some Final Thoughts

- Thanks again to everyone who took the time to review the Plan documents and make a comment!
- Long-Range Planning is a process.
- We will update again soon.
- These comments give us a lot to think about in preparing for the next update.



Action Requested

That the RTC recommend the Board adopt the *Connections 2050 Plan for Greater Philadelphia*, as the region's official Long-Range Plan, including its vision and goals, recommended key strategies, and financial plan, by adopting Resolution B-FY22-002.



Thank You!

www.dvprc.org/2050

Brett Fusco

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CONNECT WITH US
www.dvrpc.org





Move Over Law Seminar

Regional Technical Committee | September 7th, 2021

Justin Neff | Senior Transportation Planner | jneff@dvrpc.org

Move Over Law



- When approaching an emergency OR disabled vehicle, driver must MOVE OVER or SLOW DOWN
- Disabled vehicle must have two markings, such as flashers or flares
- Penalties have increased

Need for the law



Need for the law



- 44 responders have been struck and killed in 2021
 - Countless others injured (literally countless, because there is no database for this information)
- Disabled vehicle deaths aren't tracked
- Harris County, Texas study: 2 stranded motorists are killed each month in the county
- Extrapolated throughout the country: A lot

Move Over Seminar



- Todd Leiss, PA Turnpike
 - Stats and details of the law
- Lt. Christopher Daly, West Chester Police Department
 - Effectiveness of specific signage on driver behavior
- Sgt. David Bentz, Exeter Police Department
 - Enforcement detail and legal ramifications

Takeaways



- Law Enforcement is an often untapped resource for first-hand knowledge of roadway operations
- Violators of the law span ALL demographics
 - Intoxicated drivers responsible for 19% of struck-by fatalities
 - Distracted drivers responsible for 35% of struck-by fatalities
- Obtaining resources and support is often a challenge
- Struck-by death of Lower Merion Fire Fighter Thomas Royds proves more work is needed
- Seminar is going on the road: presenting at Tri-County TIMs meeting this month



Thank You!

Justin Neff | jneff@dvrpc.org