



**Transportation Conformity Demonstration:
Connections 2040 LRP, FY 2015 PA TIP, and
DRAFT FY 2016 NJ TIP**

Regional Technical Committee

September 8, 2015

Presentation

- ❖ Conformity Overview
- ❖ DVRPC Region
- ❖ Emissions Analysis Results
- ❖ Air Quality Trends

Conformity Overview

Conformity Triggers

- ❖ A new FY 2016 NJ TIP
- ❖ Addition of regionally significant and non-exempt projects to the FY 2015 PA TIP
- ❖ Amendments to *Connections 2040 LRP* that adds regionally significant and nonexempt projects in PA

Conformity Overview

Transportation Conformity is a federal requirement to control emissions of on-road, mobile sources in designated air quality Non-attainment or Maintenance Areas



Conformity Overview

There are four major sources of emissions

- ❖ Stationary – power plants, industrial boilers, etc.
- ❖ Industry – petroleum refineries, cement kilns, etc.
- ❖ Non-Road Mobile Sources – trains, planes, construction equipment
- ❖ On-Road Mobile Sources – cars, trucks, buses
 - Accounts for 33% NO_x, 23% VOC, 9% PM_{2.5}

Who Must Demonstrate Conformity?

Non-Attainment Areas

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

Maintenance Area

- ❖ Area that previously was in non-attainment
- ❖ Must develop a maintenance plan, and implement steps to continue meeting the air quality standard

DVRPC Region

Multiple Non-attainment and Maintenance Areas in Multiple Jurisdictions

❖ Non-Attainment

➤ Ozone

—Entire region in one NAA.

➤ PM_{2.5}

—Annual Std.

—Delaware County is stand-alone NAA

❖ Maintenance Areas

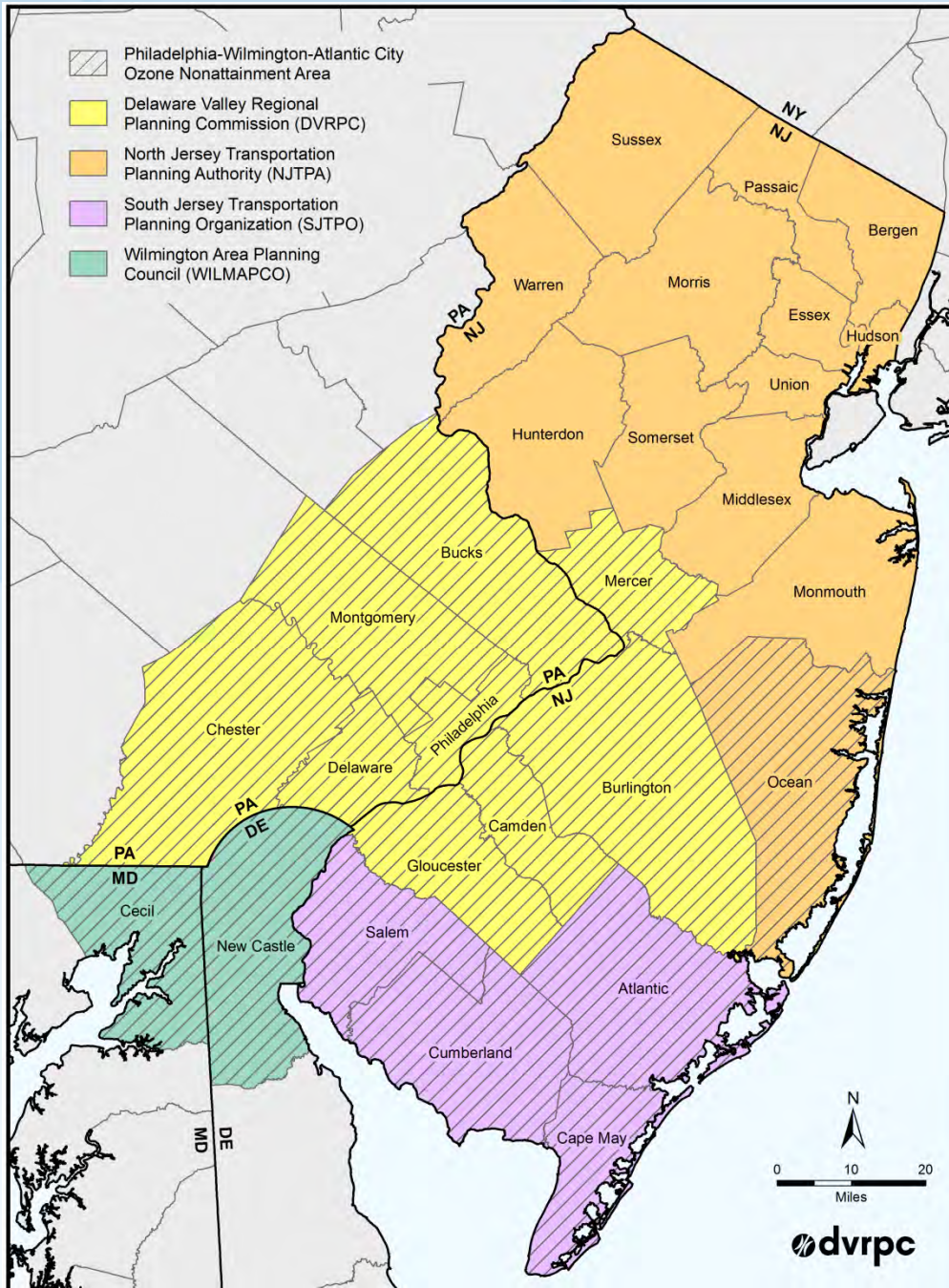
➤ PM_{2.5}

—Annual and 24-Hour Stds

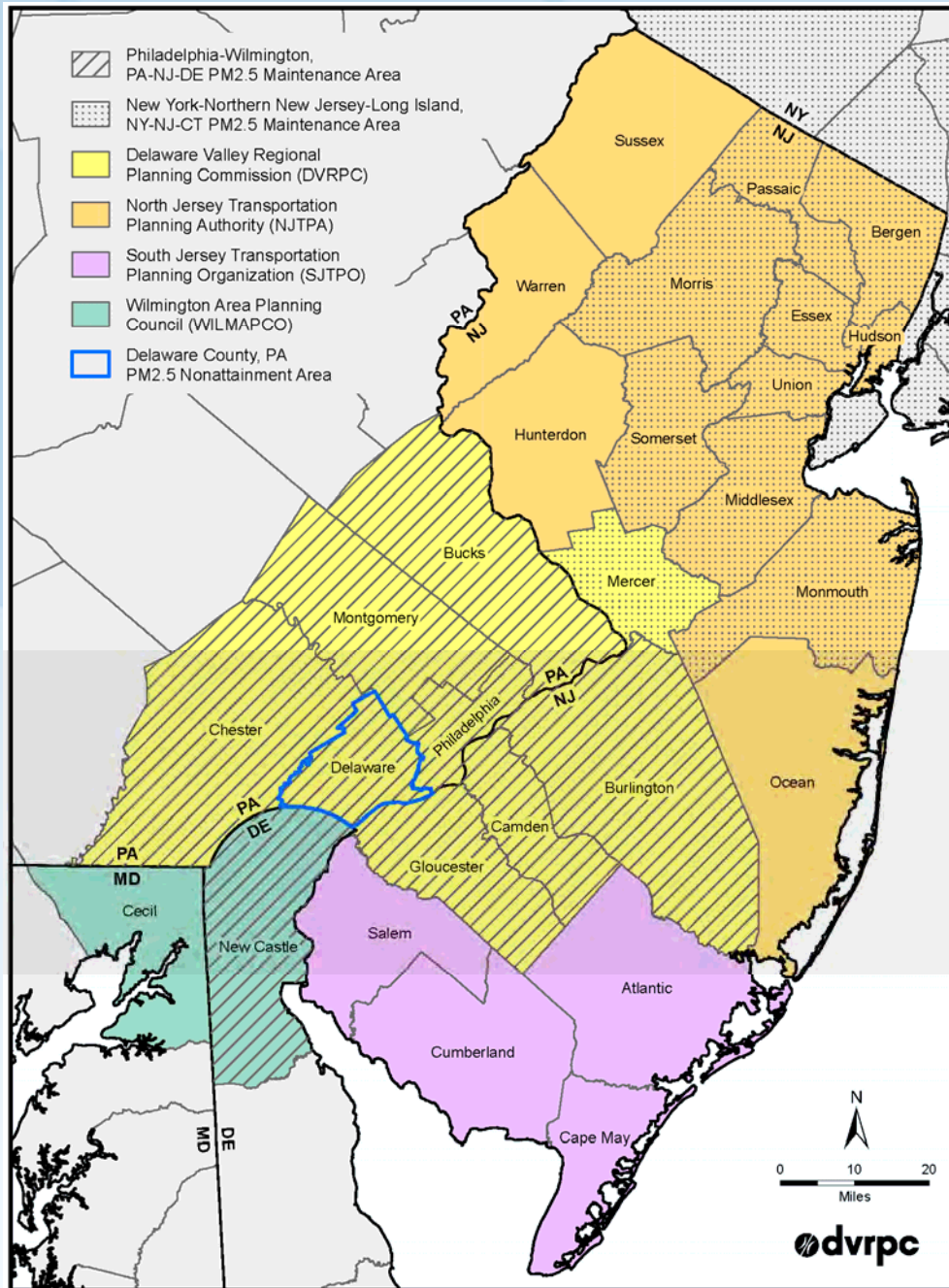
—Region is in two different Maintenance Areas

•Philadelphia – Wilmington (8 DVRPC Counties + NCC, DE)

•New York – Northern NJ – Long Island (Mercer County)



Ozone Non-Attainment Area



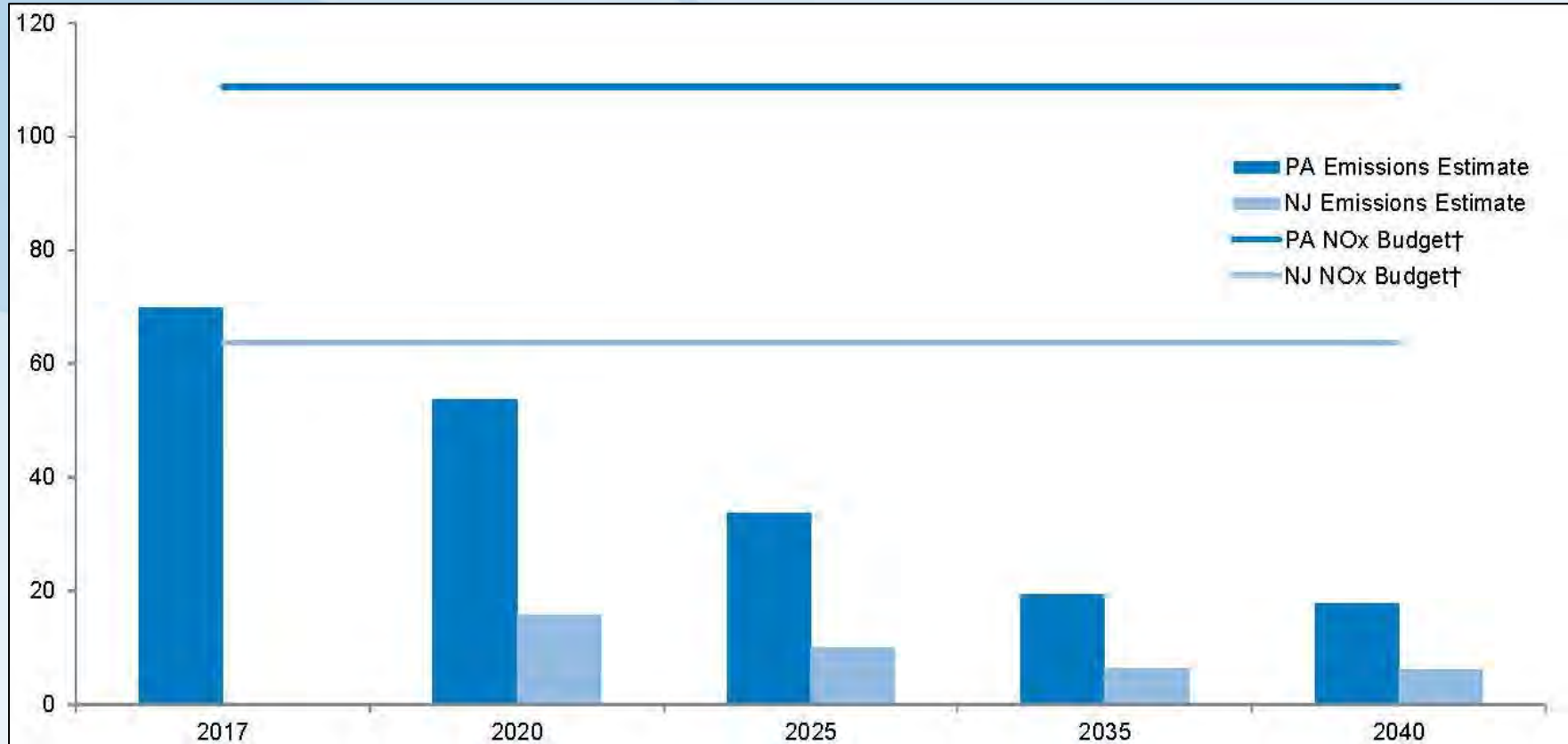
PM_{2.5} Maintenance Areas

Conformity Test

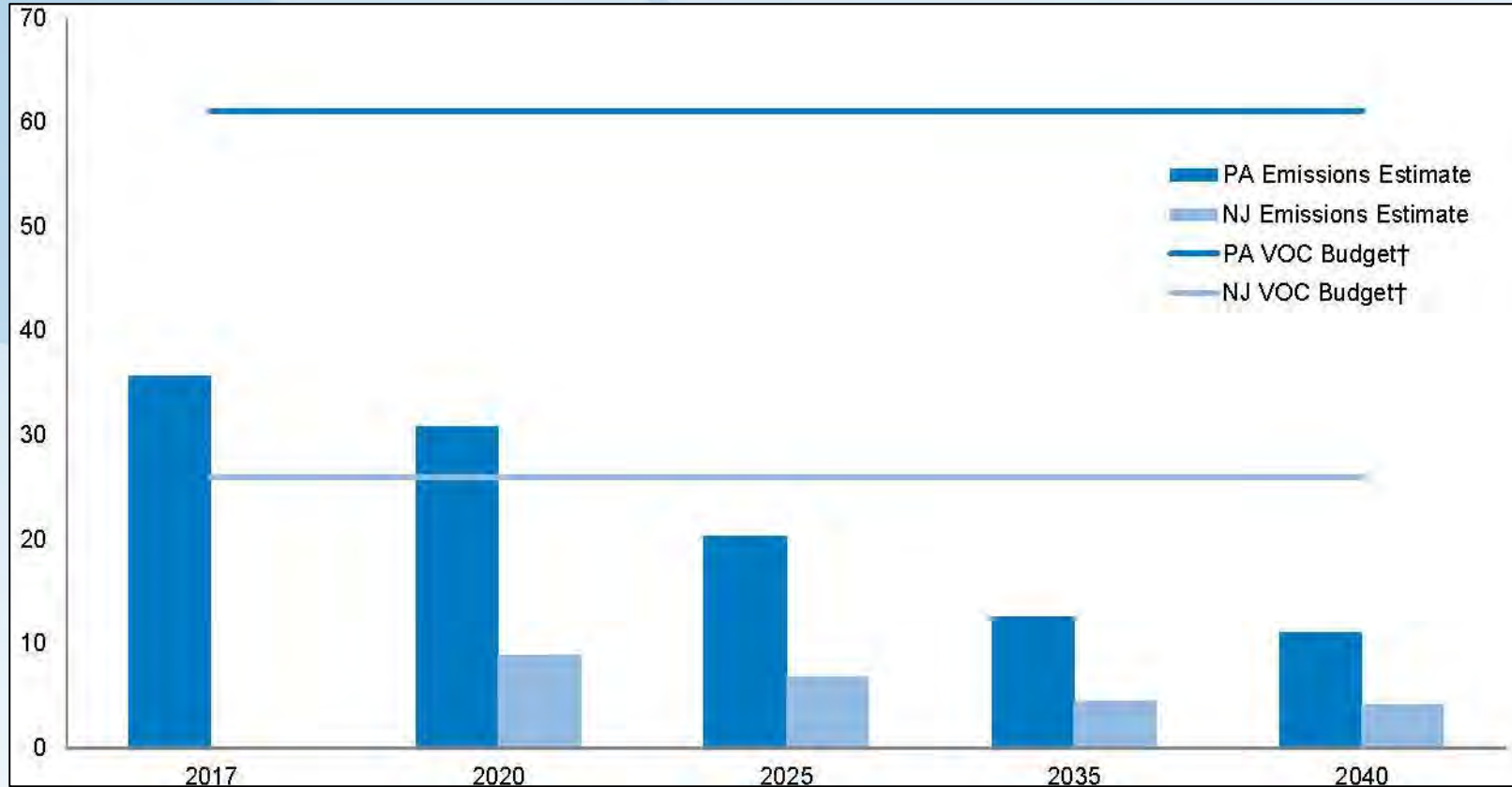
Conformity is tested against SIP “Budgets”

- ❖ 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

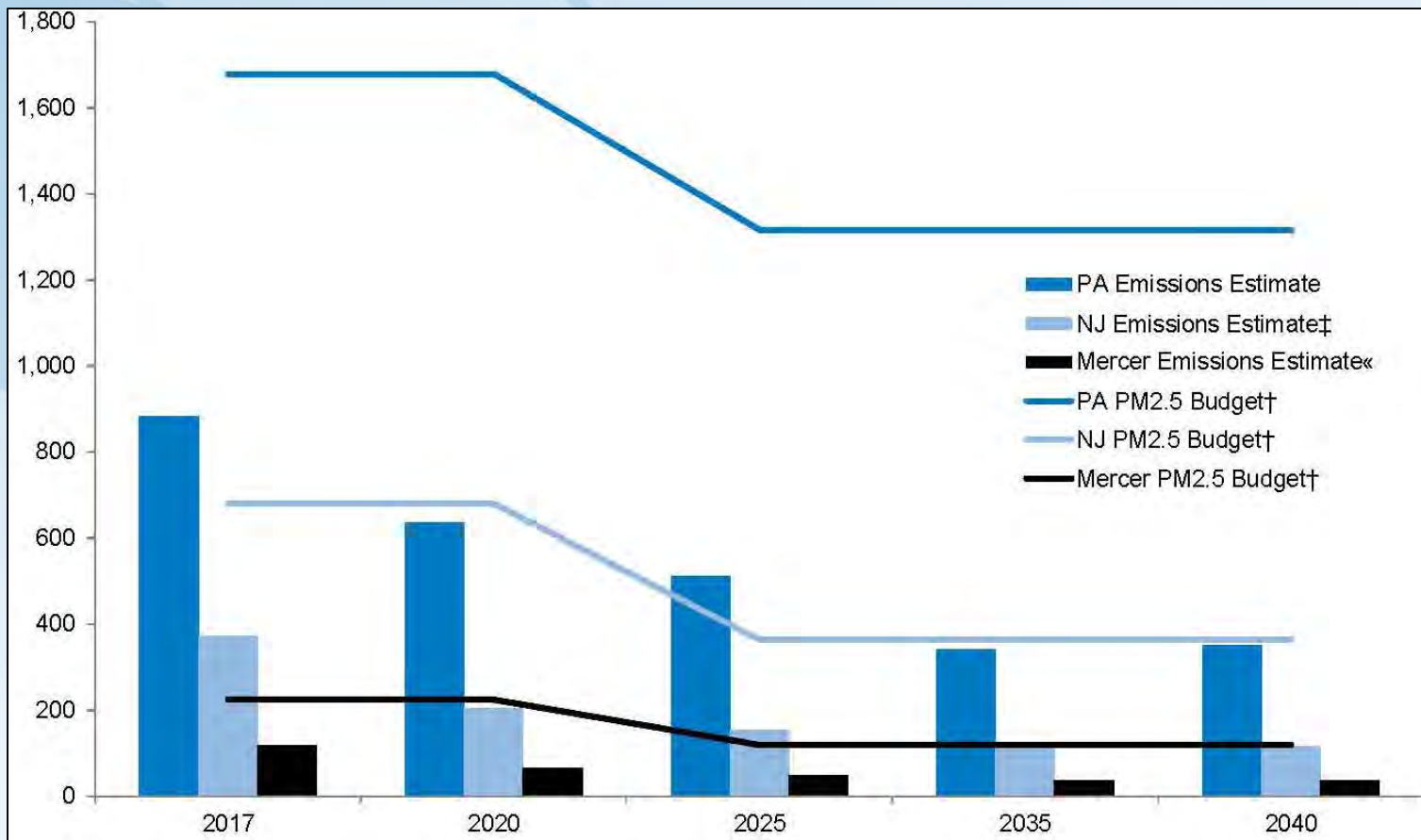
NO_x Emissions Results



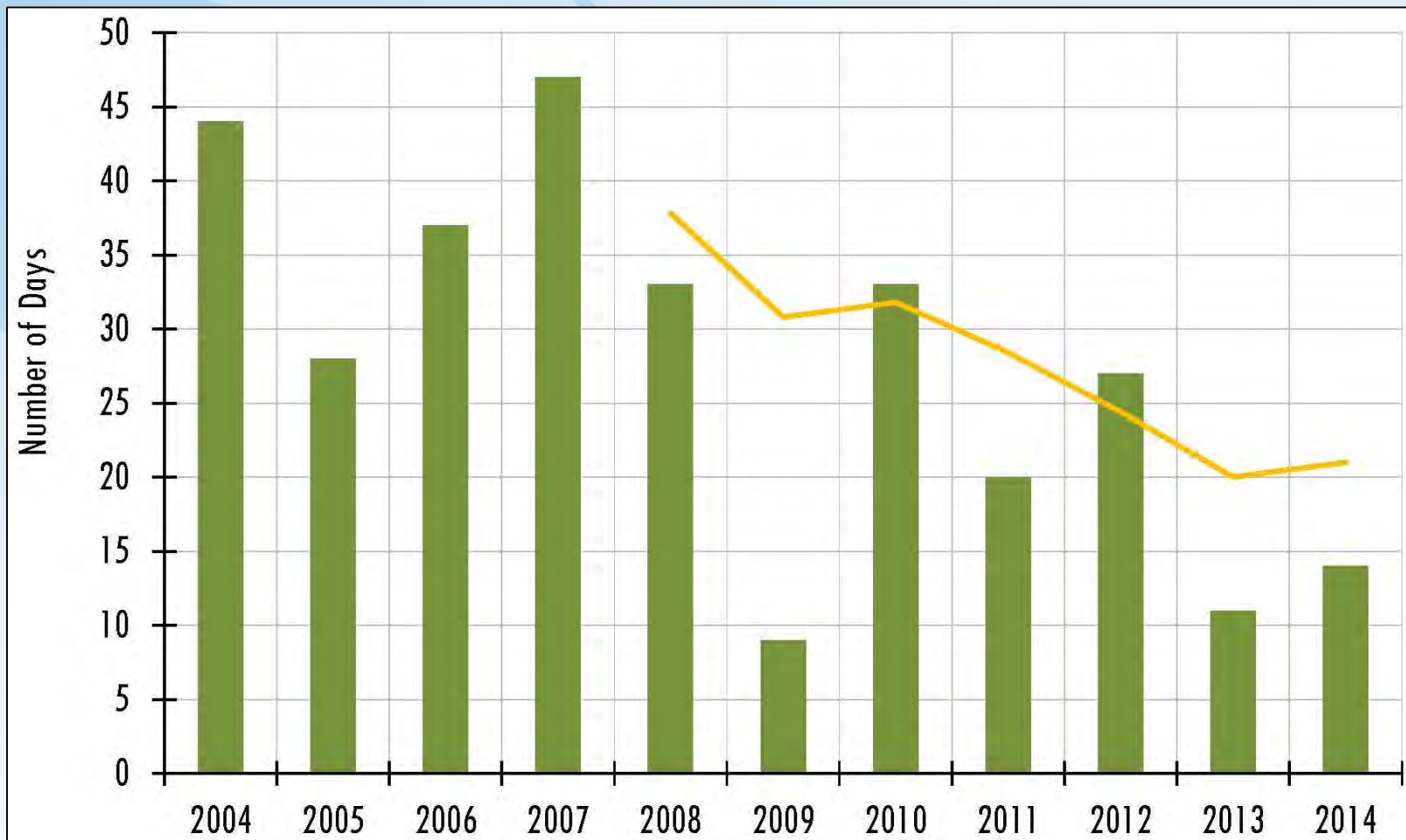
VOC Emissions Results



PM_{2.5} Emissions Results



Regional Air Quality Trends



Emissions Analysis Results

The *Connections 2040* LRP, and PA and NJ TIPs:

- ❖ “Conform” to the corresponding SIPs and the current final conformity guidance under CAAA including all applicable NAAQS requirements
- ❖ Transportation investments identified in the Plan and the TIPs 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 2014

Public Comment

Public Comment Period

- ❖ July 9 through August 10, 2015
- ❖ Two public meetings (July 23 and July 30)
- ❖ Documents were available at public 17 public libraries and online

Comments were accepted:

- ❖ At Public Meeting
- ❖ Via email at tip-plan-comments@dvrpc.org
- ❖ Online at www.dvrpc.org
- ❖ Via mail and fax

Requested Action

That the RTC recommend that the DVRPC Board adopt the conformity findings of *Connections 2040* LRP, FY 2015 Pennsylvania, and FY 2016 New Jersey TIPs for Ozone, PM_{2.5}, and CO in the DVRPC planning area.



Questions

Sean Greene
Manager, Air Quality Programs
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Proposed FY2016 Work Program Amendment: Camden Food Economy Strategy Implementation

- Builds on work started in Camden City in FY 2013.
- Proposal prepared at request of funder in August 2015.
- \$50,000 from Campbell Soup Company
- Major Tasks:
 - Disseminate “Cultivating Camden” report.
 - Plan and host four (4) capacity building workshops for Camden City Food System Stakeholders.
 - Support stakeholders’ implementation of recommendations

Proposed FY2016 Work Program Amendment: Camden Food Economy Strategy Implementation

- Action Proposed:
 - Amend the DVRPC Fiscal Year 2016 Work Program to include the “Camden Food Economy Strategy Implementation” project.

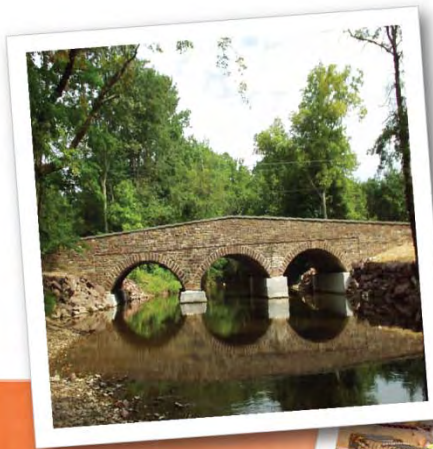


September 2015

★ TIP A-C-T-I-O-N-S

Transportation Improvement Program

New Jersey (FY2014-2017)
Pennsylvania (FY2015-2018)



50 DELAWARE VALLEY
dvrpc
REGIONAL 1965-2015
PLANNING COMMISSION



Add Proposed New Program to TIP - PA

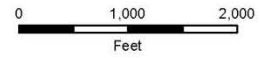
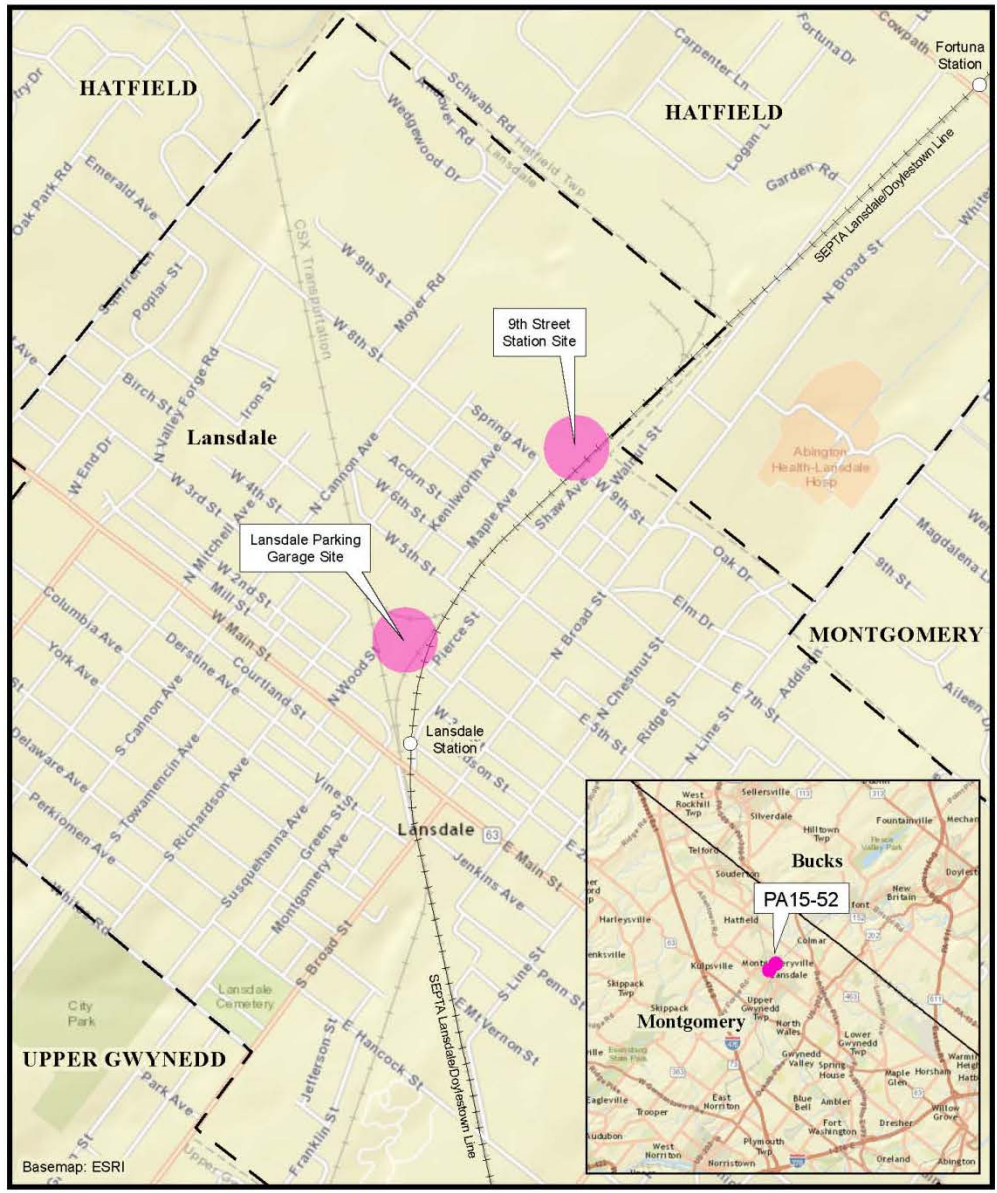
a. Lansdale Area Improvements, SEPTA

- ❖ Amend the PA TIP by adding a new \$45.8 M program, Lansdale Area Improvements, which includes the new 9th Street Station and shifts the Lansdale Parking Garage to this new program.

- ❖ **New 9th Street Station**
 - ❖ *Support increase ridership and future Transit Oriented Development,*
 - ❖ *Alleviate loss of parking during construction of Lansdale Station Parking Garage.*
 - ❖ *\$3.88 million for high level platforms*
 - ❖ *Borough will provide approximately 78 spots for parking*

- ❖ **Lansdale Parking Garage**
 - ❖ *Increase parking capacity by approximately 300 spaces*
 - ❖ *Improvements to station's main entrance*
 - ❖ *Provide pedestrian overpass for direct connection to Madison Avenue TOD*
 - ❖ *Previously included in Parking Improvements Program – MPMS# 60540*
 - ❖ *\$42 million*

PA15-52: Lansdale Area Improvements



a. Lansdale Area Improvements, SEPTA

Amend the PA TIP by adding a new \$45.8 M program, Lansdale Area Improvements, which includes a new 9th Street Station and the Lansdale Parking Garage and program as follows:

FY15: \$3,919,000 State Section 1514/\$131,000 Local,

FY16: \$7,684,000 State Section 1514/\$256,000 Local,

FY17: \$18,387,000 State Section 1514/\$613,000 Local,

FY18: \$14,419,000 State Section 1514/\$481,000 Local.



Add Proposed New Projects - PA

b. Statewide Transportation Alternatives Program (TAP), Montgomery County

- ❖ Amend the TIP for PA by adding The First Avenue Road Diet project (\$430,856 TAP) and – Virginia Drive Road Diet and Trail project (\$1,000,000 TAP) for construction in FY17.

- ❖ First Avenue Road Diet
 - ❖ *Upper Merion Township*
 - ❖ *4 through lanes with no turning lane to 3 lanes with center two-way turning lane*
 - ❖ *Bicycle lanes on each side of roadway*

- ❖ Virginia Drive Road Diet and Trail
 - ❖ *Upper Dublin Township*
 - ❖ *4 lanes to 3 lanes*
 - ❖ *Construction of multi-use trail*
 - ❖ *Replace two undersized culverts*

- ❖ Additional funds to the region.

b. Statewide Transportation Alternatives Program (TAP), Montgomery County

Amend the TIP for PA by adding two new TAP funded projects for construction in FY17.

- ❖ First Avenue Road Diet (\$430,856 TAP)
- ❖ Virginia Drive Road Diet and Trail (\$1,000,000 TAP)



Add Proposed New Projects - PA

c. Statewide Multimodal Transportation Funded Projects, Various Counties

- ❖ Amend the PA TIP by adding 17 new Statewide Multimodal Transportation Funded projects in the amount of \$44,014,000 (\$16,137,112 MTF (State 411 funds)/\$27,877,024 Local) for FD and CON in FY15.

- ❖ Competitive statewide program established by Act 89
- ❖ Ensures safe & reliable system of transportation is available for residents
- ❖ PennDOT made \$91.1 million available for 93 projects statewide
- ❖ DVRPC region received \$29.4 million for 24 projects
- ❖ 17 projects totaling \$18.8 million proposed to be added to TIP
 - ❖ *Remaining projects in DVRPC region will be added to Statewide TIP due to not being highway/bridge or bike/ped projects.*

County	Project Sponsor	Title	Statewide Awarded
Bucks	Lower Makefield	Lower Makefield Quiet Zone	\$350,000
	Northampton Twp	Richboro Pedestrian Improvements	\$165,000
	New Hope Borough	Rt. 32 Pedestrian Improvements	\$126,700
Chester	Malvern Borough	Malvern Signals & Pedestrian Access	\$160,000
	Urban Outfitters, Inc.	Devon Pedestrian/Bike Facilities	1,500,000
Delaware	Institute for Economic Development	Chester Safety Cameras	\$750,000
	Chadds For Investors, LP	US 202 & US 1 Connector Road	\$3,000,000
Montgomery	Lower Providence Twp	Crawford Rd/Eagleville Rd & Park Ave Realignment	FD: \$300,000 CON: \$700,000
	Plymouth Twp	Germantown Pike Sidewalks	\$83,675
	King of Prussia Business Improvement District	First Ave Linear Park/Streetscape	\$1,200,000
	Upper Dublin Twp	Commerce Rd Narrowing/Trail	\$2,853,000
Philadelphia	Lansdale Borough	TBD	\$2,708,017
	Philadelphia Water Dept.	Yorktown Complete Streets	\$511,836
	Philadelphia Streets Dept.	Kensington Ave LED Lights	\$1,000,000
	MOTU	Convention Center Lighting	\$1,536,901
	Schuylkill River Development Corp.	Bartram's Mile Trail	\$1,700,000
	Delaware River Waterfront Corp.	Spring garden Connectore Ped. Improvements	\$200,000
		TOTAL	\$18,845,129

c. Statewide Multimodal Transportation Funded Projects, Various Counties

Amend the PA TIP by adding 17 new Statewide Multimodal Transportation Funded projects in the amount of \$44,014,000 (\$16,137,112 MTF (State 411 funds)/\$27,877,024 Local) for FD and CON in FY15.

★ Scope Change - PA

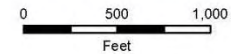
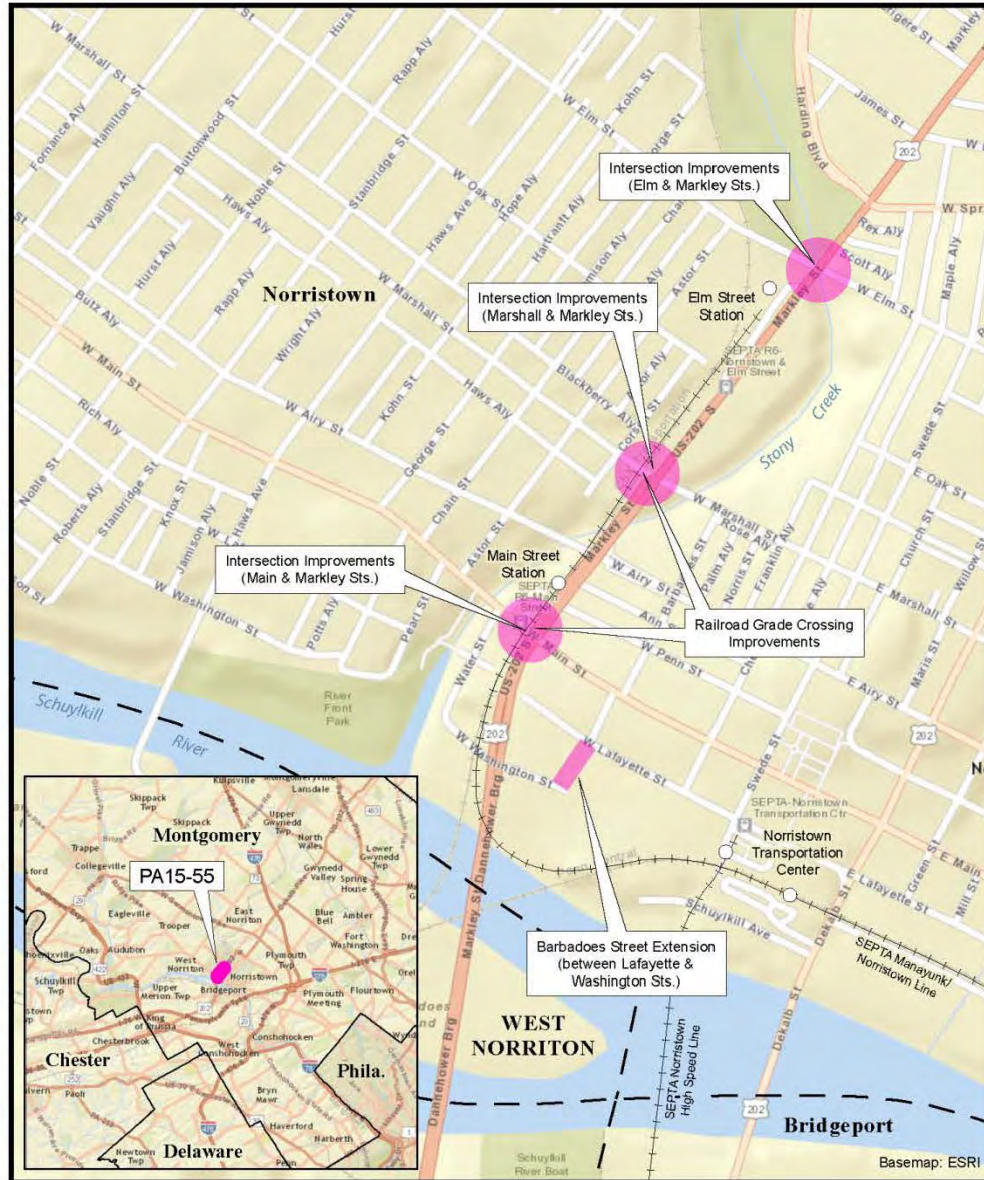
d. US 202, Markley Street Southbound (Section 500), Montgomery County

- ❖ Modify the PA TIP by increasing the project scope and final design (FD) phase by \$600,000 (\$454,000 State 581 in FY15 and \$146,000 State 581 in FY16).

❖ New Operational Improvements

- ❖ *Extension of Barbadoes Street between Lafayette & Washington Streets*
 - ❖ *Alleviate truck turning conflicts at Water and Main Streets*
- ❖ *Upgrade to railroad crossing on Markley Streets*
 - ❖ *Main Street - new gates, signals, crossing surfaces, replace traffic signals*
 - ❖ *Marshall Street - new gates, signals, crossing surfaces, replace traffic signals*
 - ❖ *Elm Street - replace traffic signals*

PA15-55: US 202, Markley Street Southbound (Section 500)



d. US 202, Markley Street Southbound (Section 500), Montgomery County

Modify the PA TIP by increasing the project scope and final design (FD) phase by \$600,000 (\$454,000 State 581 in FY15 and \$146,000 State 581 in FY16).

★ Federalize Projects - PA

e. Willits Road Bridge Over Wooden Bridge Run, (MPMS #69909), City of Philadelphia

- ❖ Modify the PA TIP by federalizing (add federal funds), by replacing \$234,000 State 581 funds with federal STP funds for the UTL phase in FY15.
- ❖ FHWA is lead agency for environmental review.
- ❖ No cost change
- ❖ Extend service life of existing structure
- ❖ Replace or rehab existing superstructure

★ Federalize Projects - PA

f. PA 29, Main Street Bridge Over Reading Railroad Tracks (Removal), Montgomery County

- ❖ Modify the PA TIP by federalizing (add federal funds), by replacing \$105,000 State 581 funds of the FY15 right-of-way (ROW) phase with \$84,000 federal STU funds and \$21,000 State 581 funds for ROW in FY16.
- ❖ FHWA is lead agency for environmental review.
- ❖ No cost change
- ❖ Narrow bridge constrains traffic and restricts sight distance

e & f. Willits Road Bridge Over Wooden Bridge Run, City of Philadelphia & PA 29, Main Street Bridge Over Reading Railroad Tracks (Removal), Montgomery County

e. Willits Road Bridge over Wooden Bridge Run - Modify the PA TIP by federalizing (add federal funds), by replacing \$234,000 State 581 funds with federal STP funds for the UTL phase in FY15.

f. Main Street Bridge Over Reading Railroad Tracks (Removal) - Modify the PA TIP by federalizing (add federal funds), by replacing \$105,000 State 581 funds of the FY15 right-of-way (ROW) phase with \$84,000 federal STU funds and \$21,000 State 581 funds for ROW in FY16.



Add Proposed New Project - PA

g. Langford Run Road (PA3/I-476/Lawrence Rd), Delaware County

- ❖ Amend the PA TIP by adding a new Transportation Infrastructure and Investment Fund (TIIF) project, for CON in FY15 in the amount of \$2,961,000 (\$2,000,000 TIIF/\$961,000 Other – Private Funds)
- ❖ Additional funds to the region
- ❖ Roadway improvements for planned Langford Run Road development
- ❖ Reconfigure SB I-476 off-ramp with PA 3
- ❖ Signalizing & reconstructing PA 3/Langford Run Road intersection
- ❖ Signalizing & reconstructing Lawrence Rd/Langford Run Rd intersection

Langford Run Road Development:

-66.86 Acre

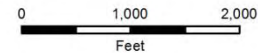
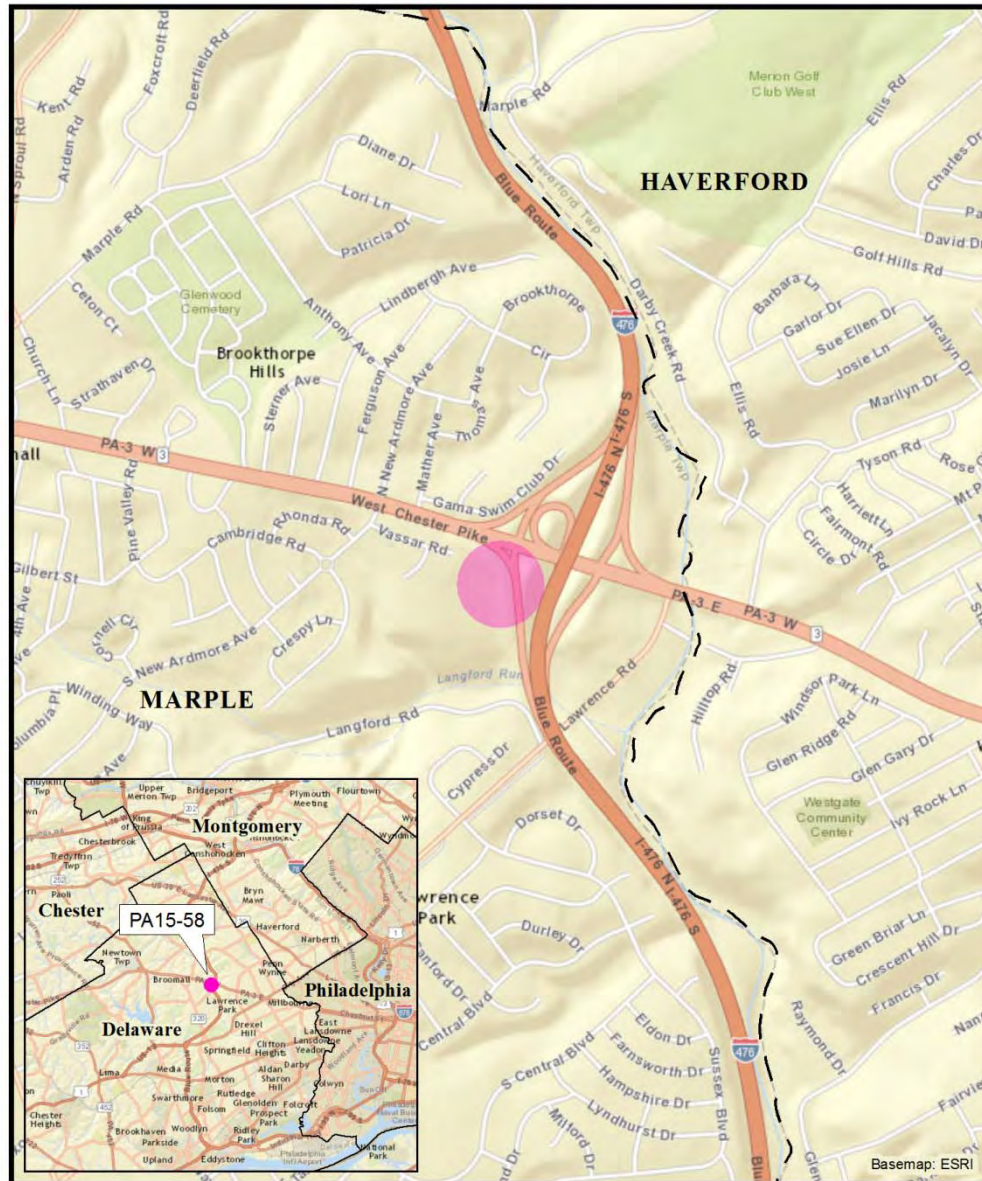
-New Retail Commercial Space

-Hotel with Restaurant

-New Town Homes

- Est. \$121,400,000

PA15-58: Langford Run Road (PA3/I-476/Lawrence Rd)



***g. Langford Run Road (PA3/I-476/Lawrence Rd),
Delaware County***

g. Amend the PA TIP by adding a new Transportation Infrastructure and Investment Fund (TIIF) project, for CON in FY15 in the amount of \$2,961,000 (\$2,000,000 TIIF/\$961,000 Other – Private Funds)

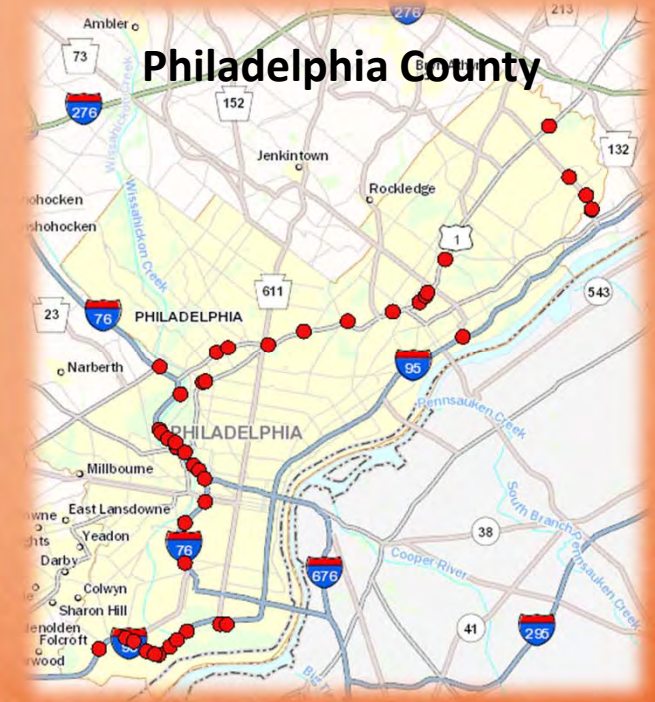
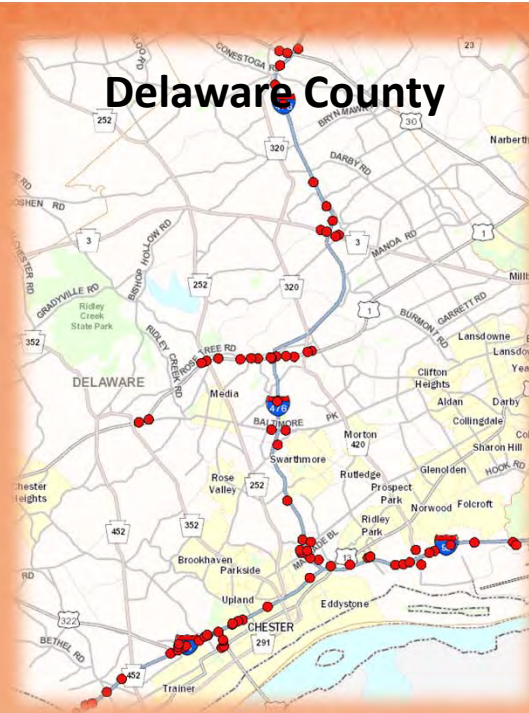
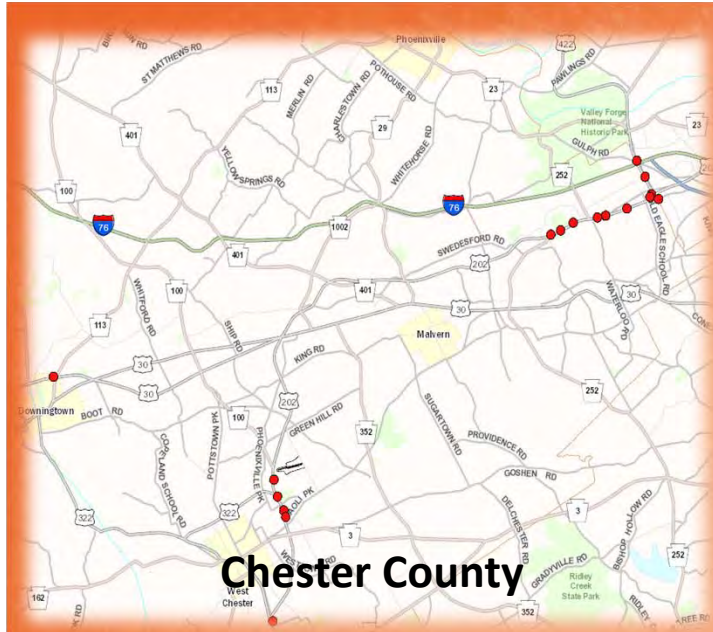
*These are additional funds to the region



Add Proposed New Projects - PA

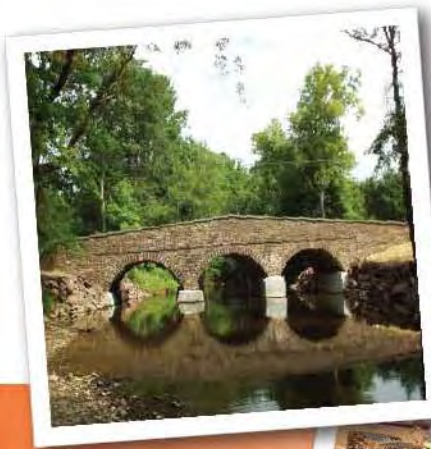
h. Large Sign Structure Priority Repairs 1 & 2, Region-wide

- ❖ Amend the PA TIP by adding two new projects for FY15 construction: Large Sign Structure Priority Repairs 1 & 2, \$1,146,000 STU/ Toll Credit match for construction in FY15 for Repairs #1 and \$1,254,000 STU/Toll Credit match for construction in FY15 for Repairs #2.
- ❖ Repair all outstanding high priority sign structures to preserve public safety
- ❖ Repairs could not be made utilizing county maintenance funds due to lack of funding.
- ❖ Type of work include but not limited to: replace rusted sign clips, repair bent support angles, close gaps between sign panels, remove graffiti and debris at foundation, replace anchor bolts and missing U-bolts.



***h. Large Sign Structure Priority Repairs 1 & 2,
Region-wide***

g. Amend the PA TIP by adding two new projects for FY15 construction: Large Sign Structure Priority Repairs 1 & 2, \$1,146,000 STU/ Toll Credit match for construction in FY15 for Repairs #1 and \$1,254,000 STU/Toll Credit match for construction in FY15 for Repairs #2.



THANK YOU



CONNECTIONS *2040*

PLAN FOR GREATER PHILADELPHIA

fostering sustainability, equity and innovation

Transportation Investment Amendments to the Long-Range Plan

LONG-RANGE PLAN

- Contains a **Vision Plan** of transportation investments for the region based on anticipated needs
- Identifies projects for funding with available revenue in a **Fiscally-Constrained Plan**
- Allocates funding to categories of projects but also identifies **Major Regional Projects**

CONSISTENCY WITH LONG-RANGE PLAN GOALS

- Support Land Use Vision
- Invest in Designated Plan Centers
- Improve Mobility and Accessibility
- Reduce Congestion
- Limit Transportation Impacts on the Natural Environment
- Fiscal Constraint and Air Quality Conformity

PATCO FRANKLIN SQUARE STATION

- Originally opened in 1936; Last open in 1979
- Response to increased activity in area
- Project Components: Updated structural, electrical, plumbing, communication, signal, and security systems
- ADA compliant
- Restore Race Street underpass; Construct architectural headhouse
- \$26.3 Million; Opening in June 2018

SEPTA DOYLESTOWN LINE 9TH STREET STATION

- New station, north of Lansdale station, to support increased ridership, future TOD, and alleviate loss of parking during construction of Lansdale garage
- Cooperative effort between SEPTA, Lansdale borough, and Lansdale Parking Authority
- ADA-compliant, high-level concrete boarding platforms, heated passenger shelter, entry canopy with bike parking and parking fare kiosks.
- Separate components include a 78-space asphalt parking lot and a 125-space temporary lot; extending 9th Street from Shaw to Kenilworth
- Cost for SEPTA portion is \$3.89 Million; Opening October 2015

PUBLIC COMMENT

- Public comment period from July 9th to 5 PM on August 10th
- Advertised in local newspapers, and via website, email blast, stakeholder partners, and social media
- Two Public Information Sessions
 - July 23rd at DVRPC Offices (with a webinar option)
 - July 30th at Cherry Hill Public Library
- Comments could be submitted:
 - In person at a public comment meeting, on-line, e-Mail, fax, or mail
- 2 comments were submitted

ACTION REQUESTED

- **Recommend that the DVRPC Board amend the Connections 2040 Plan to include the PATCO Franklin Square Station and SEPTA Doylestown Regional Rail Line 9th Street Station in the set of fiscally-constrained projects in the long-range plan.**



CONNECTIONS *2040*

PLAN FOR GREATER PHILADELPHIA

fostering sustainability, equity and innovation

WWW.DVRPC.ORG/CONNECTIONS2040

*Thank
You*

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Activity-Based Travel Model Status



Regional Technical Committee Meeting

9/8/2015

Matt Gates

Travel Models - Overview

☞ TIM1.0

- First VISUM model, completed in 2009

☞ TIM 2.0

- Best-in-class 4-step model
- Used for all current studies

☞ Tim 3.0

- Fully disaggregate microsimulated activity based



Travel Demand Model Comparison

∞ TIM 2.0

- Groups households in traffic zones
- 3,400 traffic zones
- Discreet trips

∞ TIM 3.0

- Individual households
- 100,000 microzones
- Trips “chained” into tours

New Requirements and Challenges

∞ New policy questions to answer:

- Congestion pricing
- Operations planning: highway and transit
- Effects of bicycle and pedestrian improvements
- Effect of mixed-use, transit oriented development
- Climate change impacts of travel patterns
- Emergency and evacuation planning

∞ Advances in the tools and in the practice of MPO modeling

- Faster, better assignment algorithms
- New data sources for model development and testing
- Non-motorized travel demand models

Current Status

- ∞ TIM3.0 Development started in 2012
- ∞ Built with data from new Household Travel Survey
- ∞ Milestones
 - ✓ Population Synthesizer
 - ✓ DAYSIM/VISUM integration
 - ✓ Model Estimation
 - Model Validation - ongoing

Next Steps

- ✎ RSG finishes validation for 2010 base year
- ✎ DVRPC staff reviews validation
- ✎ Steering Committee update, review, and comment
- ✎ Back-casting exercises
 - US 202 Section 700 Parkway
 - NJ Transit RiverLINE
- ✎ Re-validation for 2015 base year
- ✎ Code TIP and LR Plan projects
 - 2025, 2035, 2045 analysis years
- ✎ Use TIM3.0 for all new studies & conformity determinations



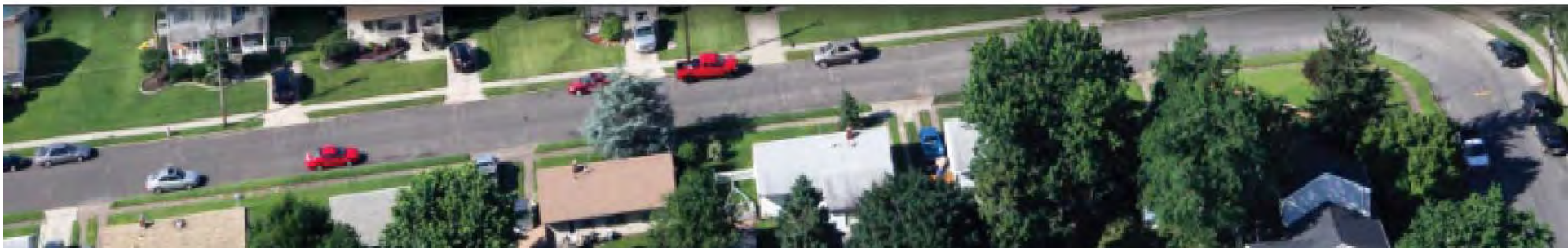
Transportation
Improvement
Program

TIP

Draft Transportation Improvement Program (TIP) for New Jersey

September 2015

FY2016 - 2019



What is the TIP?

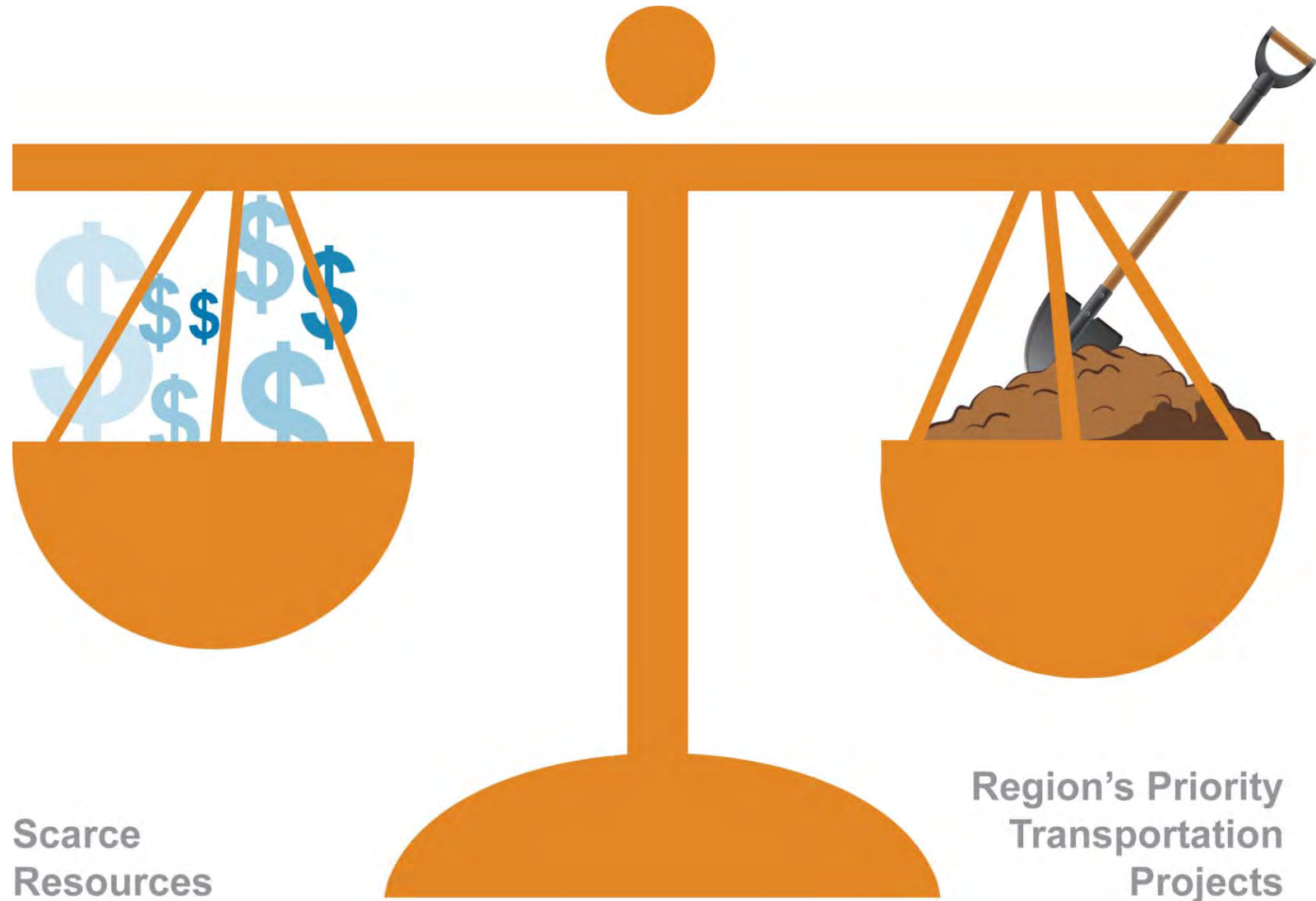


- ▶ Required by federal legislation
Developing and maintaining the Transportation Improvement Program makes the region eligible to receive and to spend federal transportation dollars.

PA and Draft NJ TIP = \$6.9 Billion over 4 years



Regional Decision Making



What is the TIP?



- ▶ Financially constrained program
- ▶ The near-term expression of the Long-Range Plan
- ▶ Multi-year program updated every two years (we show 10)
- ▶ Not a grant of money; based on reimbursements



Coming Soon!

Roadway Improvements as part of Haddon Avenue Transit Village



Proposed



Existing

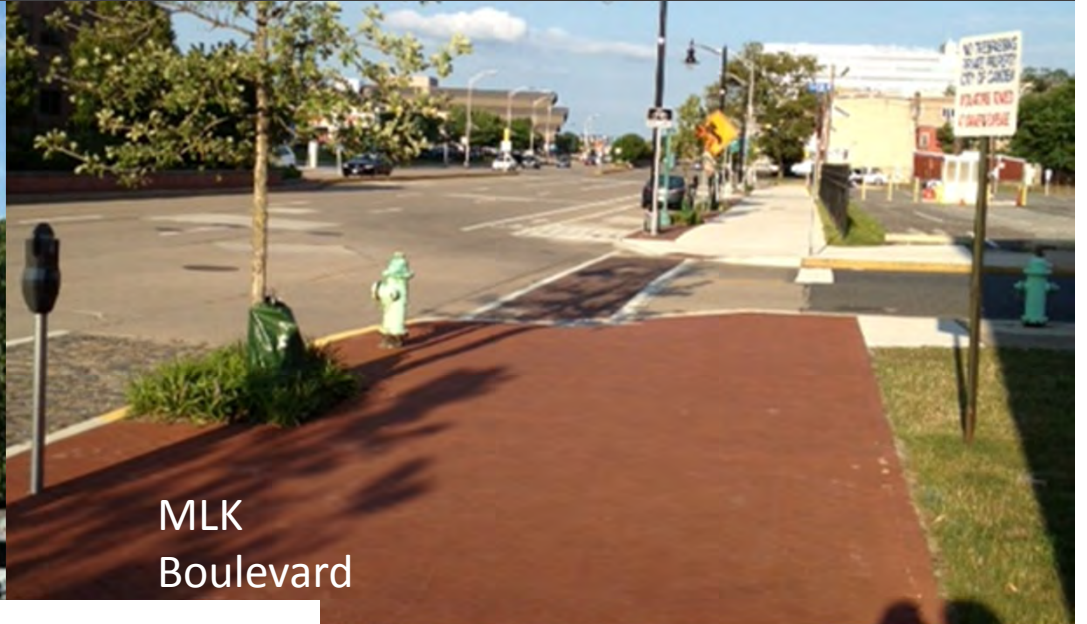


Proposed

City of Camden



Pearl Street



MLK
Boulevard

Completed!



Pine Street

NJ TRANSIT in Camden County

PENNSAUKEN TRANSIT CENTER

Completed!



"WHERE THE PENNSAUKEN WATERS FLOW"

DIGITALLY PRINTED GLASS BY J. KENNETH LEAP

OPENING COLUMBUS DAY OCT 14, 2013

What is the TIP? (Continued)

- ▶ Multi-modal program
- ▶ Best estimate of project schedule and costs;
- ▶ Not a guarantee of funds or implementation

DVRPC FY2016-2019 TIP for NJ

New Jersey Highway Program

Draft Version

Burlington

DB# 91315

New Bridge over Happy Creek

LRPID: 13

NEW

AQCODE: S19

This project will replace the decks of the New Bridge over Happy Creek structure. Substructure repair will be performed on the latter structure. New sidewalks and bike lanes will be added. Pavement resurfacing will be included within project limits.

CMP:

Not SOV Capacity Adding

Municipalities:

Palmyra Borough

DVRPC Planning Area: Developed Community

CIS Program Subcategory:

Bridge Preservation

CIS Program Category: Bridge Assets

Project Manager:

Nawk, Andrew

Indicators of Potential Disadvantage: 0

Mileposts:

9.13

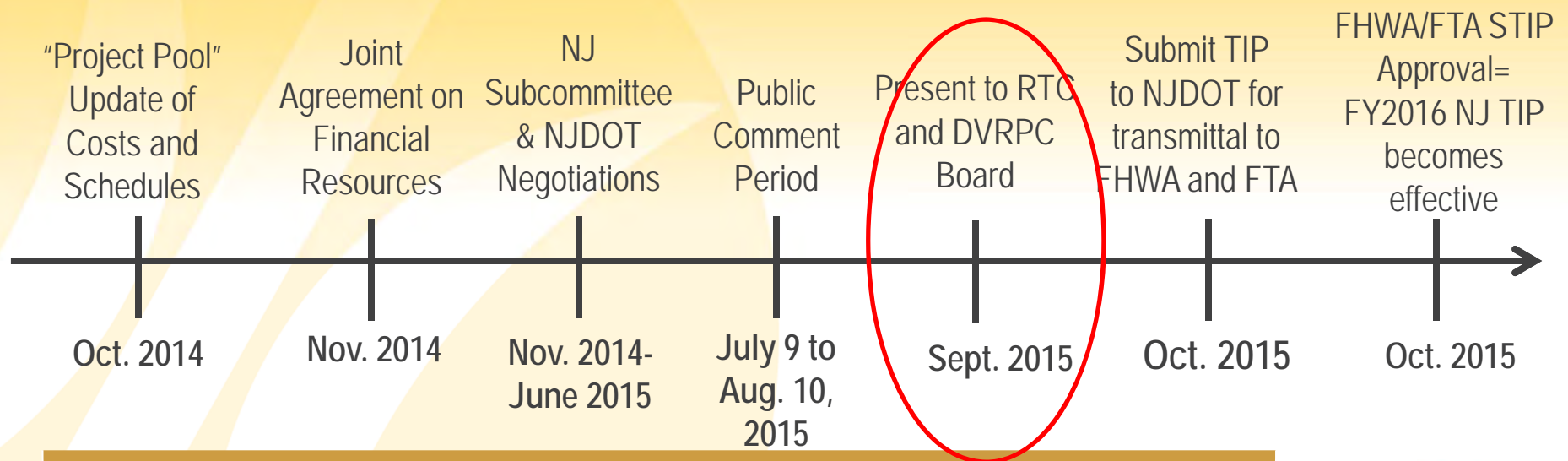
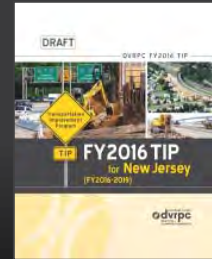
Sponsor: NJDOT

Improvement Type:

Bridge Repair/Replacement

Phase	Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON	STP-Stu	2.000									
Fiscal Year Total		2.000									
		Total FY2016-2019				Total Later FY2020-2025					
		2.000									

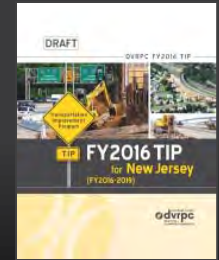
Development Process of the Draft FY2016 TIP for NJ



THE CURRENT FY2014 NJ TIP REMAINS EFFECTIVE
WHILE THE FY2016 NJ TIP IS UPDATED/DEVELOPED



Draft FY2016 TIP for NJ — ALMOST \$1.9 BILLION! —



+ 129 Highway and Transit projects in the DVRPC NJ region

➤ 83 Highway Projects (totaling just over \$1 Billion)

➤ 46 Transit Projects (totaling \$850 million)

❖ 35 NJ TRANSIT projects totaling almost \$780 million

❖ 11 DRPA/PATCO projects totaling \$70 million

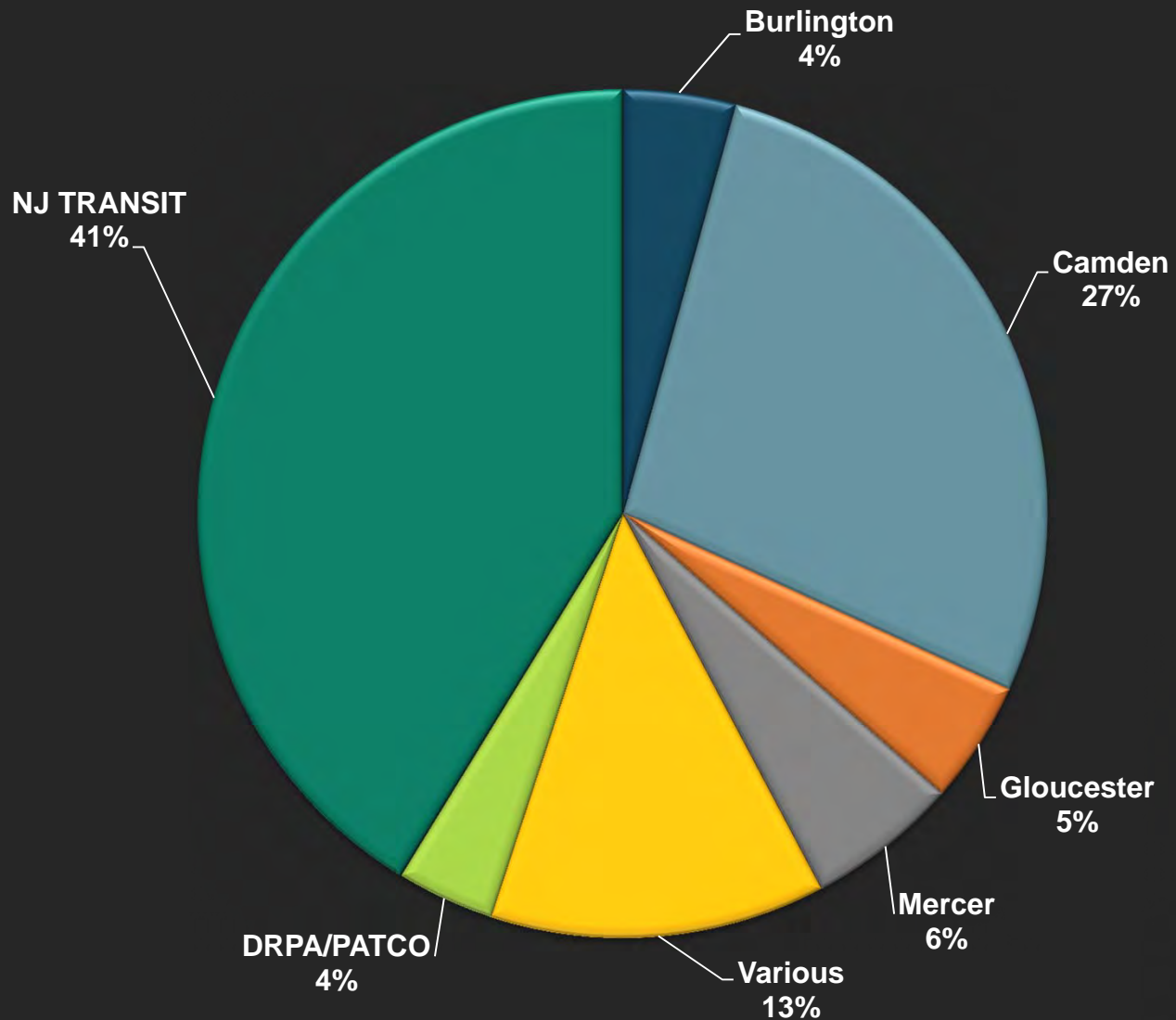
+ 23 "Study and Development" projects
(in the DVRPC Region & Statewide)

+ 108 in NJDOT Statewide Program > \$3 Billion



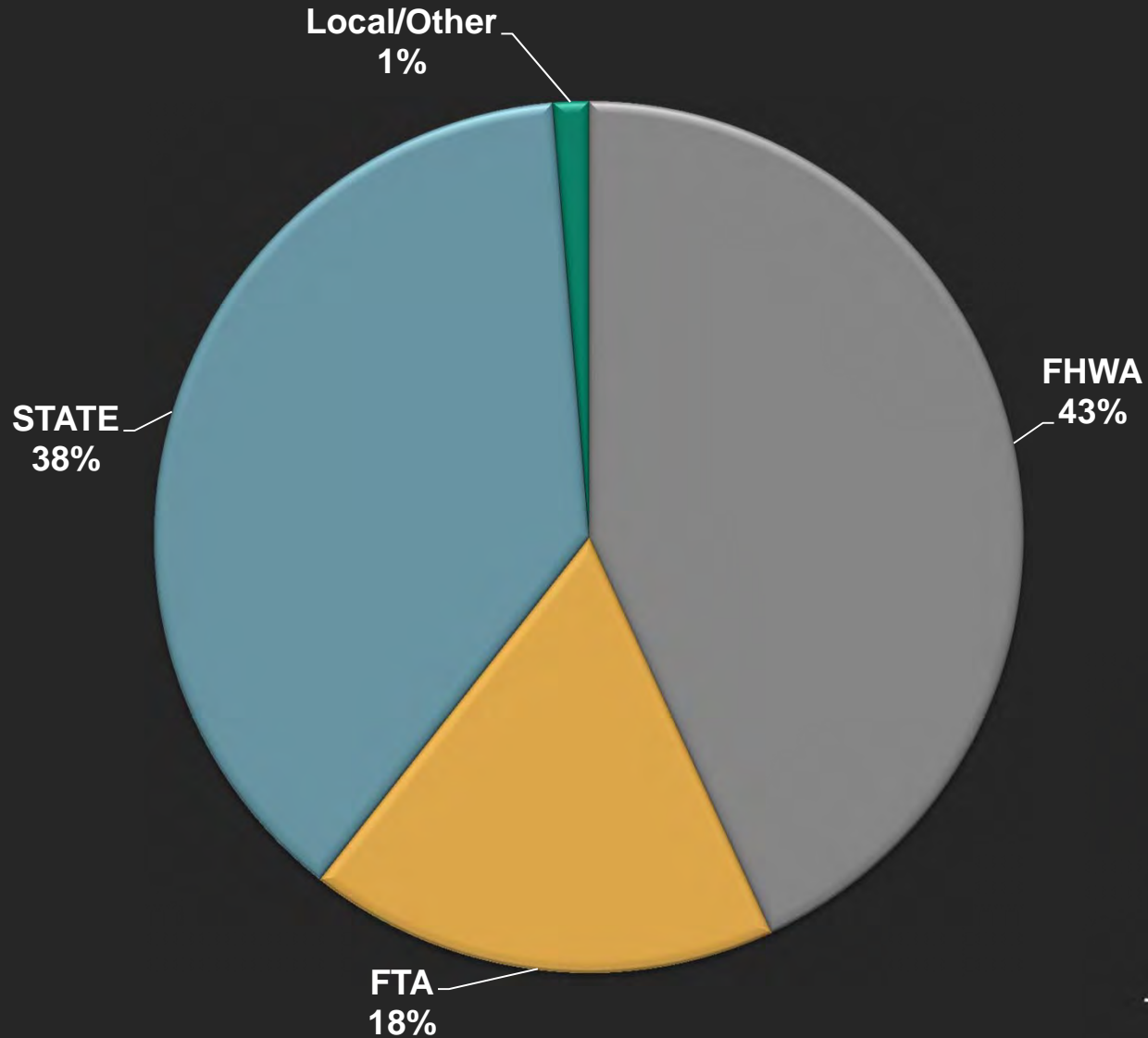
Draft FY2016 TIP for NJ

By County and Operator



Draft FY2016 TIP for NJ

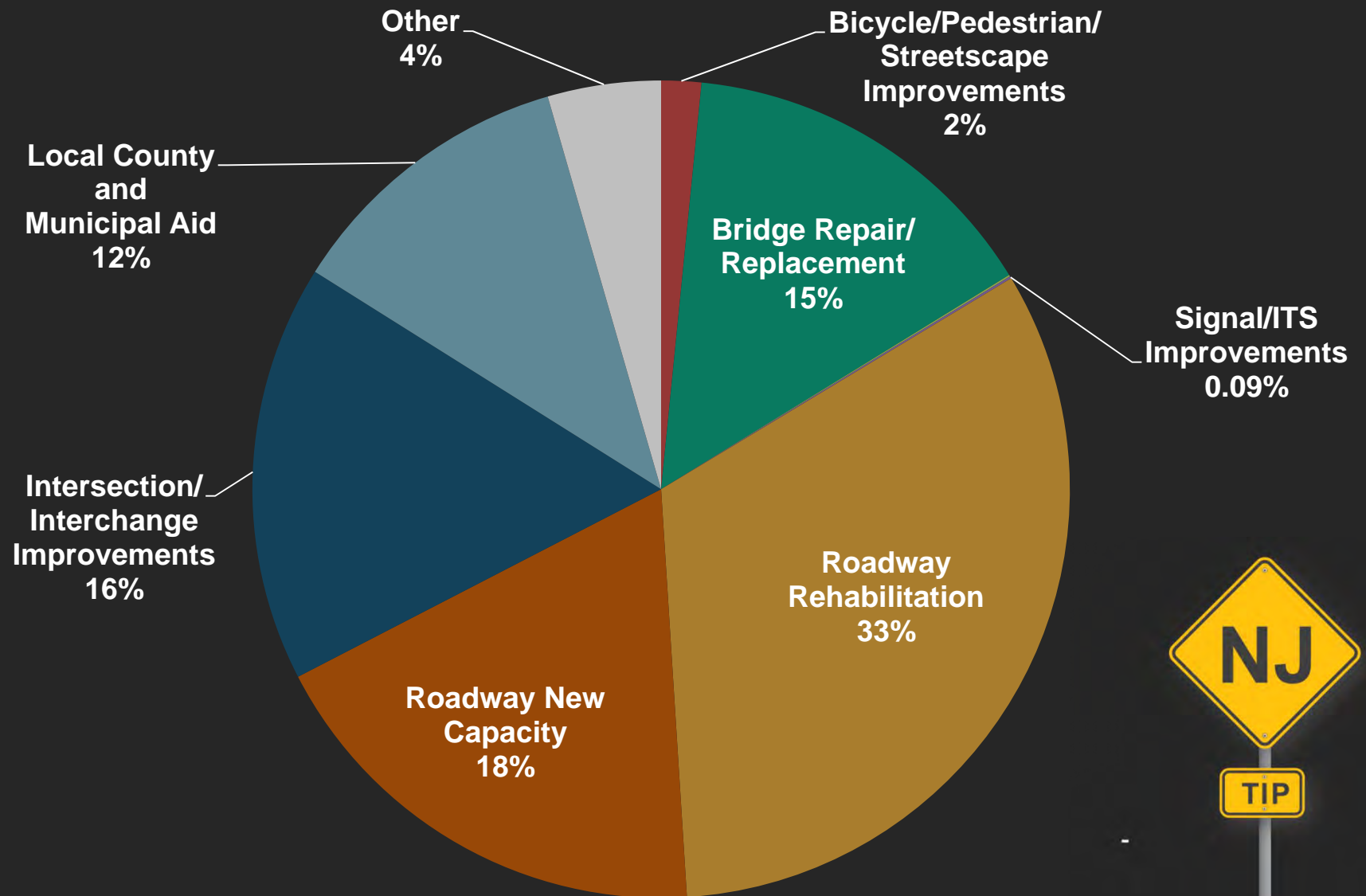
By Funding Source



Draft FY2016 TIP for NJ

FY2016-2019 DVRPC Highway Program

BY PROJECT CATEGORY



What's New with I-295/I-76/Route 42 Direct Connect?

✓ **Advanced ITS
Contract
Completed.**

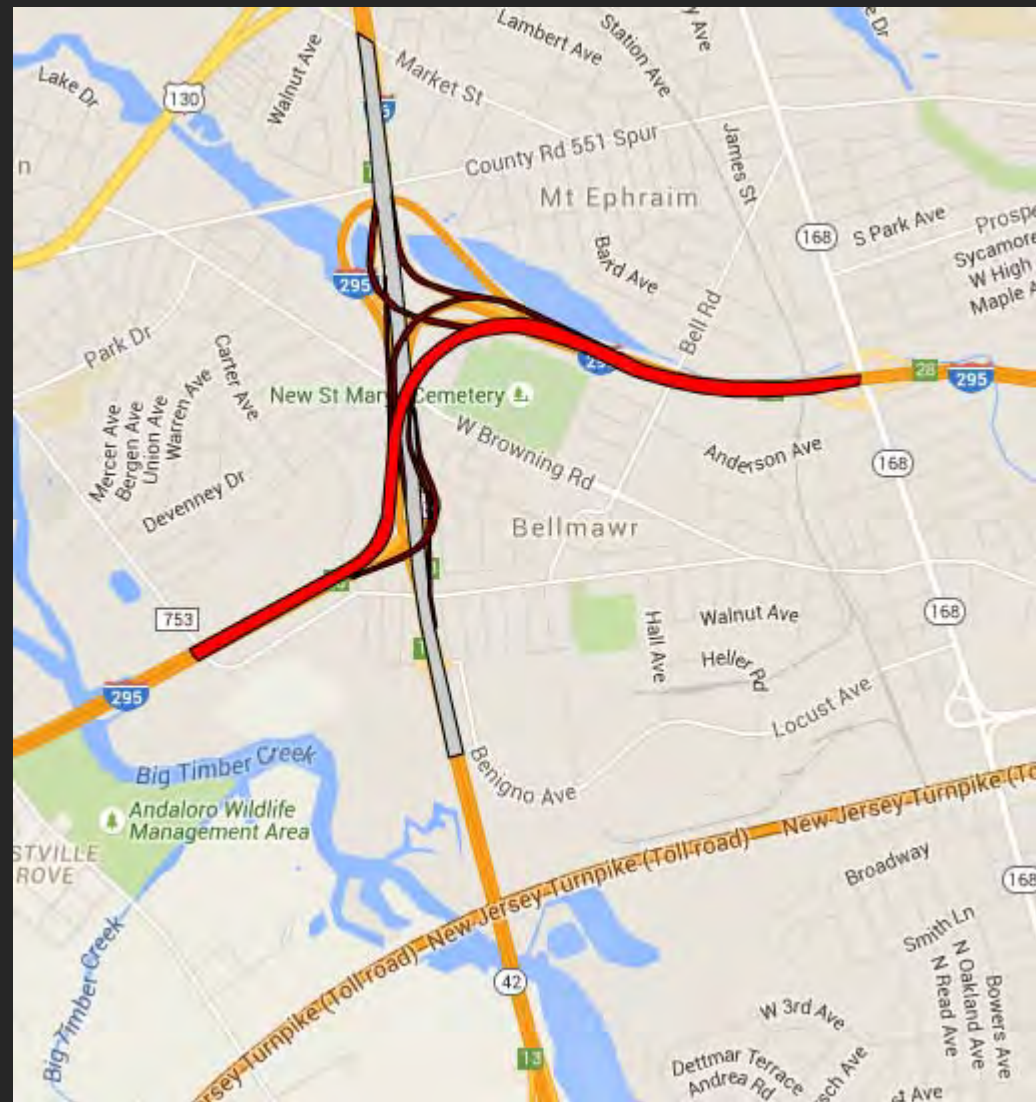
4 Main Contracts:

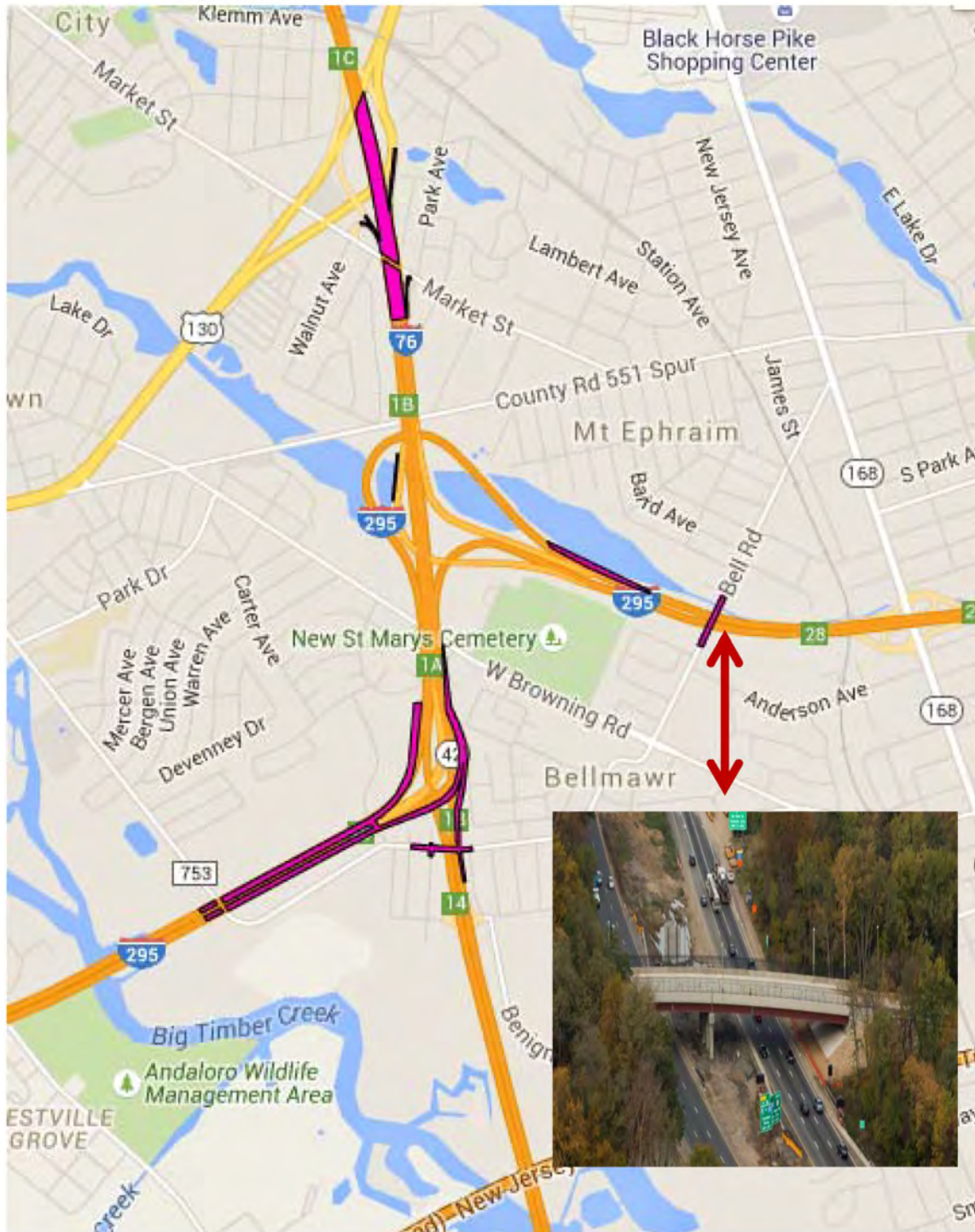
✓ **Contract 1 in CON**

✓ **Contract 2 in CON**

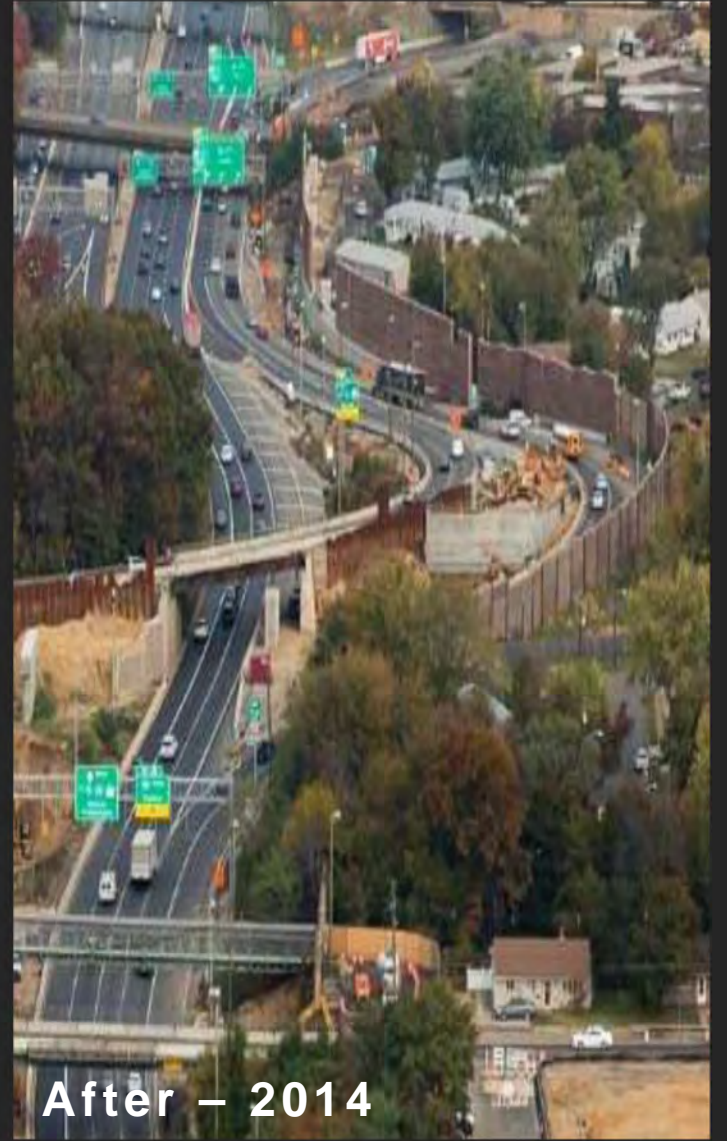
• **Contract 3 – CON
Programmed FY16-19**

• **Contract 4 – CON
Programmed FY19-21**





✓ Contract #1



After – 2014

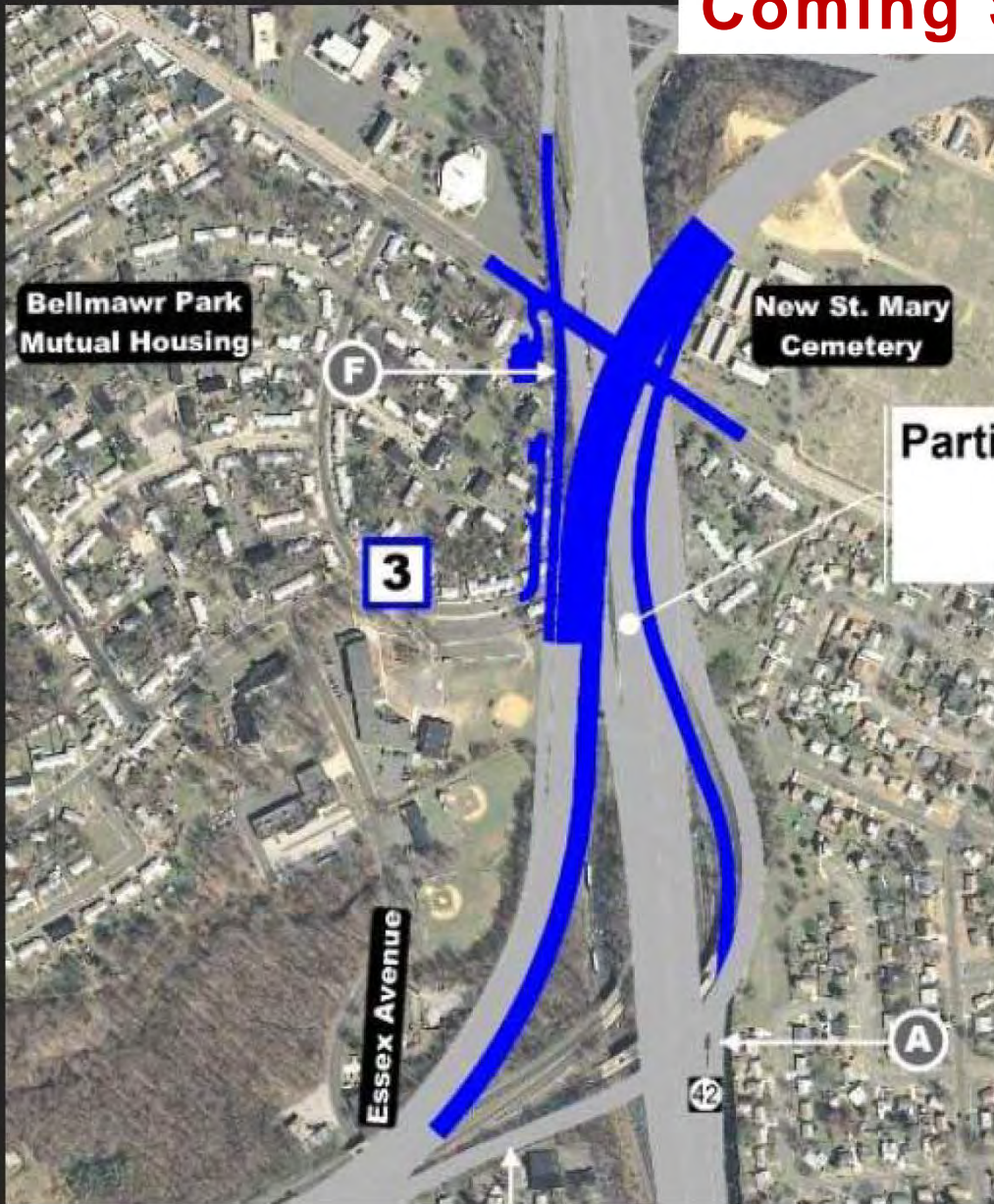
✓ Contract #2

Future Temp. Ramp to I-295 NB from I-76/NJ 42 SB



Fall 2014

Coming Soon!



Contract #3



Contract #4

Coming Soon!

**I-676/76 Bridges over Newton Creek
and over Route 130**



Camden County (City of Camden, Gloucester City)

Coming Soon!

**Route 42 NB & SB Bridges over
Blackwood Trail**

**ROUTE 42 NB
STRUCTURE NO. 0411-161**

**ROUTE 42 SB
STRUCTURE NO. 0411-162**



Coming Soon!



Coming Soon!



Burlington County



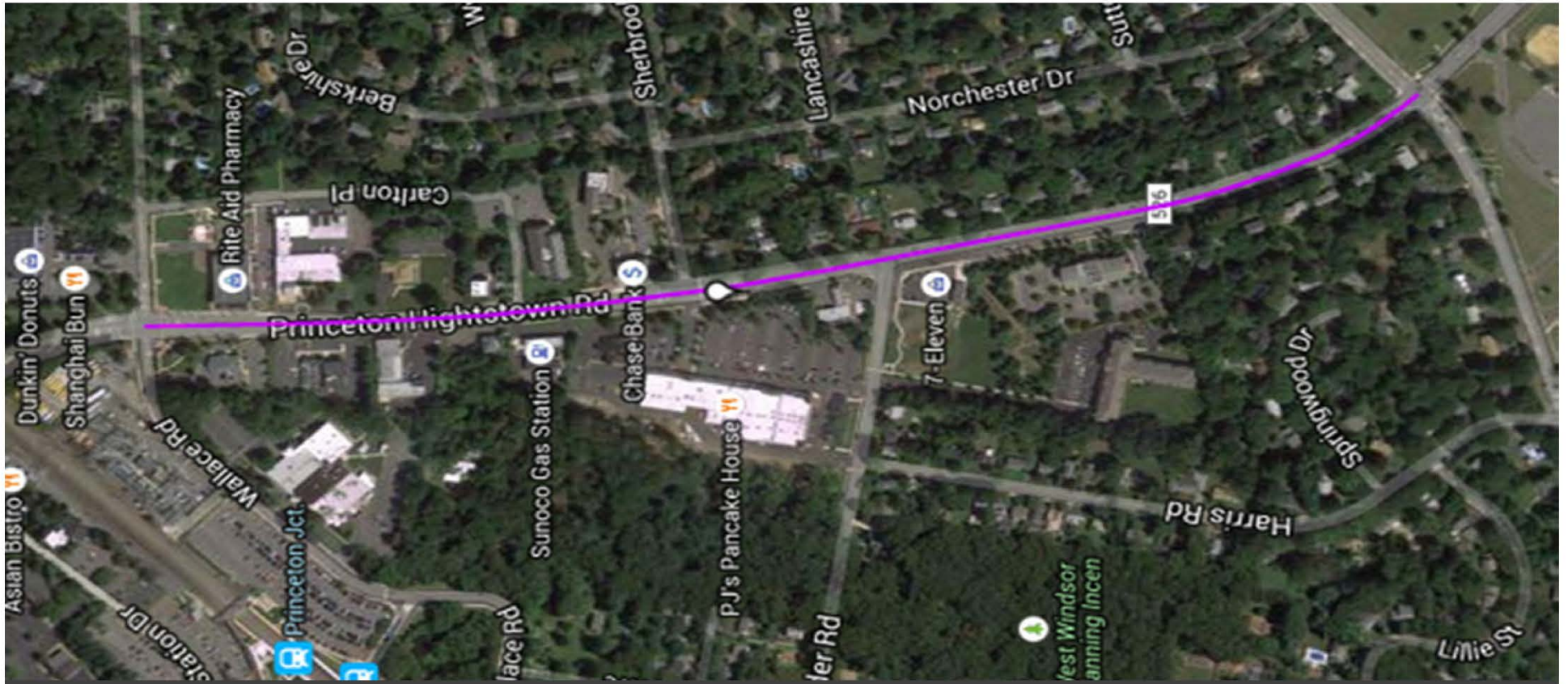
Coming Soon!

Glassboro-Elk Multipurpose Trail



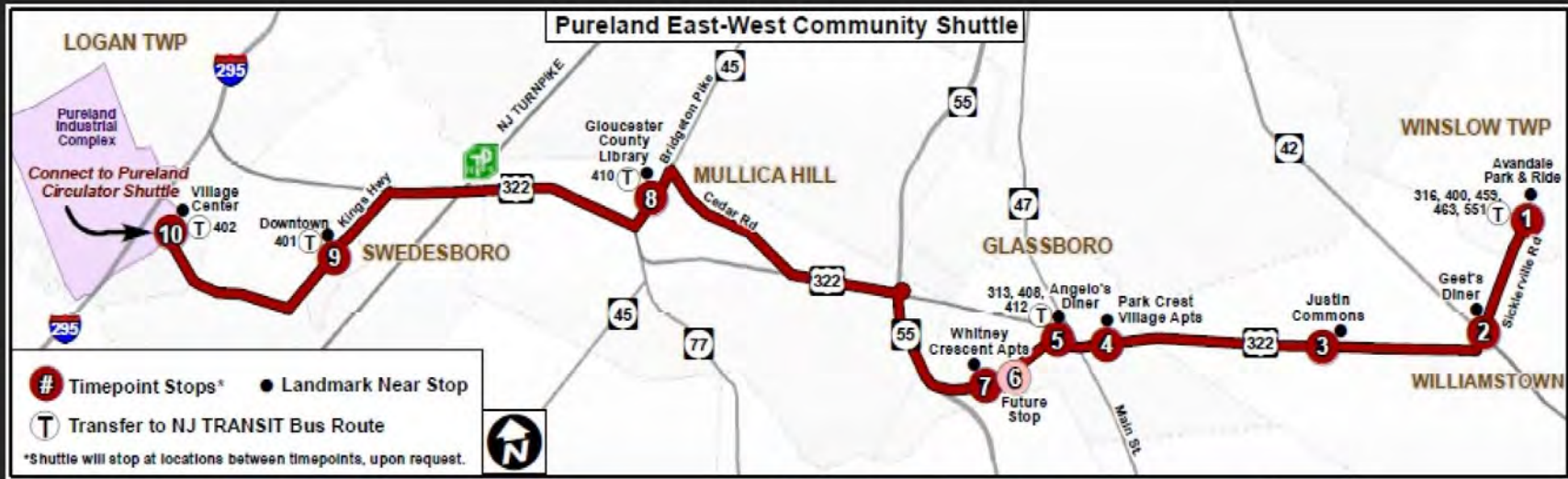
Coming Soon!

Princeton-Hightstown
Road Improvements,
CR 571



Mercer County

Transit





Coming Soon!
PATCO/DRPA

Public Comment on Draft TIP

▶ **Public Comment Period**
July 9, 2015 to August 10, 2015

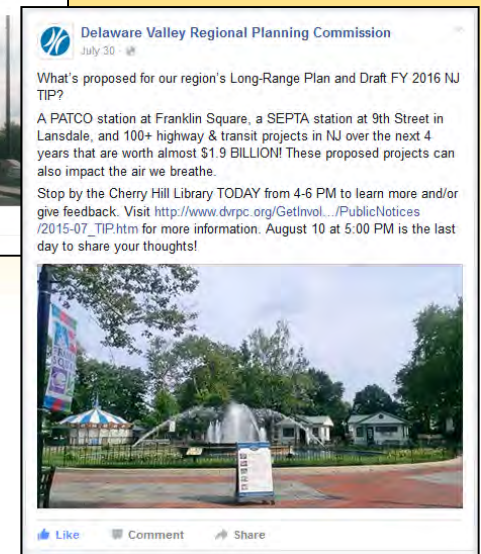
▶ **2 Public Meetings from 4 - 6 p.m.**

July 23rd with web conferencing available at DVRPC

July 30th at the Cherry Hill Public Library

▶ **Social Media Posts, DVRPC Newsletter, and Draft TIP documents**
available at various public libraries

▶ **Only written comments would receive a response from the**
appropriate agency.



Public Comment Submission

The screenshot shows a web browser window with the URL www.dvrpc.org/asp/TIPsearch/2016/NJ/. The page header includes the DVRPC logo and the title "DRAFT FY2016 Transportation Improvement Program (TIP) for NJ". Navigation links for "What is the TIP?", "Purpose", and "How To Use" are visible. The main content area features a map of New Jersey with various project locations marked by colored pins. A sidebar on the right contains a "Submit Comments Here" section with instructions: "To add a comment for a **specific TIP project**, please select that project on the map and then click on the Submit Comment icon to submit a comment." Below this, there are links for "Submit a general comment for Draft DVRPC FY2016 TIP for New Jersey" and a "Search" field. At the bottom of the sidebar, there are buttons for "Project Categories" and "Zoom to".

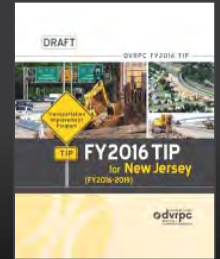
📱 DVRPC TIP Web Map app

📧 Email to tip-plan-comments@dvrpc.org

Or by snail mail, fax, or submit in person at public meetings 



Public Comment Results



- ▶ 137 individuals submitted over 200 written comments on 214 issues during the comment period via various means.
- ▶ 8 Issue Types:
 - Requests for a new TIP project/line item (61%)
 - Supports project (21%)
 - Bicycle/pedestrian improvement requests (6%)
 - Current line item/project suggestions (3%)
 - Requests for additional funding and/or staff to line item/project (3%)
 - General requests, concerns, and/or questions (3%)
 - Not supportive of project (1%)
 - Project concerns and/or questions (1%)
- ▶ Responses will be posted online after adoption at www.dvrpc.org/tip



Proposed Recommended Changes



▶ Highway Program

- Add a \$5.5 million DEMO funded FY16 CON phase to a project, DB #355A
- Add two projects, DB #D1408 and #D1507, back into the TIP for FY16 CON

▶ NJDOT Statewide Program

- Remove \$5 million TCSP funded project, DB #02393 (TCSP)
- Increase STP funds by \$4 million overall (DB #X07A)
- Decrease STP funds by \$4 million overall (DB #04364)

▶ Various Technical Corrections





Transportation
Improvement
Program

TIP

Thank You!

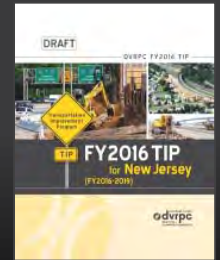
View TIP documents at www.dvrpc.org/TIP



Office of Capital Programs
190 N. Independence Mall West
Philadelphia, PA 19106

☎ (215) 592-1800 📠 (215) 238-2938

Proposed Action



Recommend the Board to adopt the DVRPC FY2016 Transportation Improvement Program (TIP) for New Jersey (FY2016-FY2019) with the proposed Recommended Changes as the region's official selection of transportation projects for federal funding



CELEBRATING

50

1965-2015

YEARS

fy2016

PLANNING WORK PROGRAM

DELAWARE VALLEY
50 **dvrpc**
REGIONAL PLANNING COMMISSION
1965-2015

What is the Work Program?

- UPWP (Unified Planning Work Program) +
- Includes both required and discretionary tasks, as well as funding for partners
- Required by federal legislation annually for all MPOs
- Serves as a basis for contract with DOTs



Why Care about the Work Program?

- Provides the “Vision” that guides our work
- The most important document we produce, in the least amount of time
- Documents how we use our formula based federal funding
- Passes funding through to our partners



Key Points

- Board ultimately sets the priorities
- Coordination between Board staff and DVRPC staff is essential
- The flavor of the money is critical
- The timing of the money is critical

How the UPWP Supports Member Governments

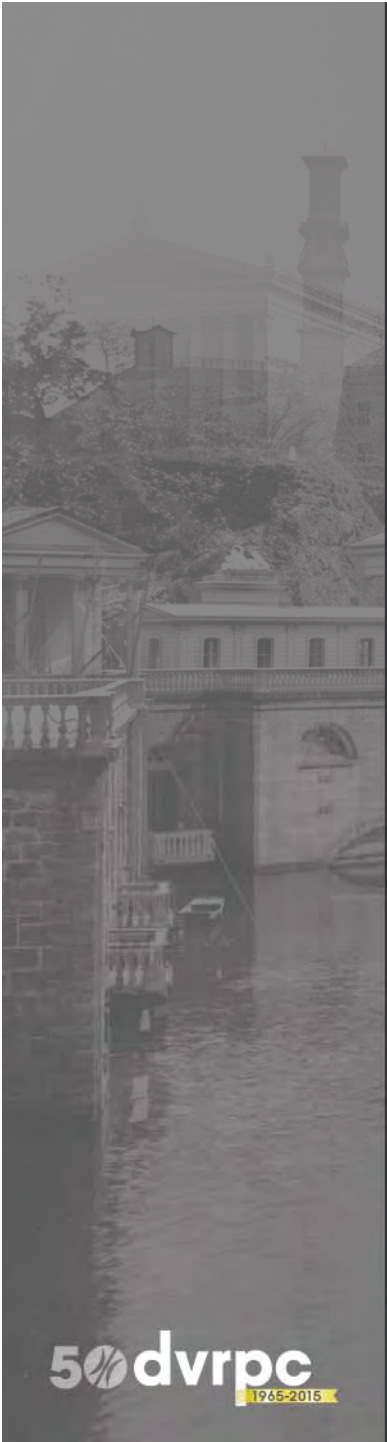
- Consistent with Federal and State Policies
- Passes Through Direct Funding for Counties/Cities

How the UPWP Supports Member Governments

- MAP 21
 - Transportation Improvement Program (TIP)
 - Long Range Plan (LRP)
 - Congestion Management Process (CMP)
 - Metropolitan Planning Process Must Address these 8 Planning Factors
 - Economic Vitality
 - Safety
 - Security
 - Accessibility and Mobility of People and Freight
 - Environmental and Energy Sustainability
 - Enhanced Integration and System Connectivity
 - Efficient System Management and Operation
 - Preservation of the Existing System

How the UPWP Supports Member Governments

- Clean Air Act Amendments - 1990
 - Responsible for Development of Programs to Reach AQ Attainment
 - Projects in the TIP and LRP Must Not Degrade Region's AQ
 - Must Improve AQ to Meet Federal CAA Standards



How the UPWP Supports Member Governments

- FHWA/FTA joint letter on Emphasis Areas
- FHWA NJ Division Planning Emphasis Areas
- NJ DOT Planning Priorities
- FHWA PA Division/PennDOT Actions and Procedures

How the UPWP Supports Member Governments

- Performance Based Planning
- Models of Regional Planning Cooperation
- Ladders of Opportunity
- Traffic Operations/ITS
- Improved Freight Access
- Complete Streets Implementation
- Traffic Counting
- Sustainability

How the UPWP Supports Member Governments

- Pass-Through Programs
 - Supportive Regional Highway Program
 - Transit Support Program
- Core Work
 - SRHP approx \$1M
 - TSP approx \$1.2M
- Special Studies
 - SRHP approx \$300K
 - TSP approx \$430K
- Transportation GIS approx \$300K

What is a Program Area

- Multiple individual initiatives related to a discipline (Safety), mode (Transit) or type (Smart Growth) of planning work
- FY08 UPWP consolidated many individual projects of similar type into Program Areas.
- Provides for continuity, ownership, and flexibility of work within a unit
- Many Program Areas have a direct link to our organization chart
- Support Long Range Plan goals

What is an Amendment

- A request from a member government, partner, or stakeholder for DVRPC staff to perform additional work
- Grant awards
- Request comes in to DVRPC after the UPWP has been approved
- The request **Comes With its Own Funding Source** and is in addition to our formula funds
- Must be approved by the Board to insure that it is an appropriate type of work for DVRPC

FY17 UPWP Schedule

Key Milestones

- RTC Workshop - September 8th
- Project proposals due – early October
- Board WP Committee meeting to review proposals – mid-October
- Board WP Committee meeting to finalize project list – October Board meeting
- Board authorizes draft WP for public comment – December Board meeting
- Board Adopts final WP – January Board meeting

FY 2016 WORK PROGRAM FUNDING



SEPTEMBER 08, 2015



TOM MCGOVERN

TABLE B DELAWARE VALLEY REGIONAL PLANNING COMMISSION
FY 2016 PLANNING WORK PROGRAM
2/25/2015 PROJECT FUNDING BY SOURCE

PROJECT NUMBER	PROGRAMS/PROJECTS	FY 2016 BUDGET	HIGHWAY PLANNING	TRANSIT PLANNING	COMPREHENSIVE PLANNING	OTHER
Two-Sect. A	DVRPC PROGRAM AREAS					
16-21-010	Technical Assistance to Member Governments	\$ 404,093	298,056	\$ 71,037	\$ -	\$ 35,000
16-22-020	RideECO Marketing	312,500	-	-	-	312,500
16-23-010	Regional Forum	240,000	193,608	46,392	-	-
16-23-020	Work Program Administration	240,000	193,608	46,392	-	-
16-23-040	Title VI and Environmental Justice	210,000	169,407	40,593	-	-
16-41-010	Regional Congestion Management Process	230,000	230,000	-	-	-
16-41-020	Transportation Operations	300,000	242,010	57,990	-	-
16-41-030	Corridor Planning	810,000	532,422	127,578	20,000	130,000
16-41-040	Regional Transit Planning Program	710,000	-	401,250	26,750	282,000
16-41-050	Bicycle and Pedestrian Planning Program	430,000	266,211	63,789	20,000	80,000
16-41-060	Delaware Valley Freight Planning	350,000	282,345	67,655	-	-
16-41-090	Transportation Safety & Security	550,000	322,680	77,320	20,000	130,000
16-43-010	Travel Monitoring	765,000	645,000	-	-	120,000
16-44-010	Smart Growth	610,000	282,345	67,655	42,000	218,000
16-44-020	Economic Analysis and Coordination	200,000	129,072	30,928	40,000	-
16-44-030	Strategies for Older Communities	470,000	169,407	40,593	40,000	220,000
16-44-040	Energy and Climate Change Initiatives	240,000	164,027	39,304	36,669	-
16-44-050	Long Range Plan	510,000	411,417	98,583	-	-
16-44-060	Air Quality Planning	280,000	225,876	54,124	-	-
16-44-070	Environmental Planning	304,000	204,000	-	100,000	-
16-44-080	Data Exchange and Analysis	260,000	209,742	50,258	-	-
16-44-090	Transportation Improvement Program (TIP)	520,000	419,484	100,516	-	-
16-44-100	Performance Based Planning & Asset Management	220,000	177,474	42,526	-	-
16-51-010	Travel and Land Use Modeling	500,000	403,350	96,650	-	-
16-52-020	Competitive Program and Project Management	860,000	50,000	-	-	810,000
16-53-010	Geographic Information Systems	380,000	306,546	73,454	-	-
	Subtotal	\$ 10,905,593	\$ 6,528,087	\$ 1,694,587	\$ 345,419	\$ 2,337,500
Two-Sect. B	DVRPC PROJECTS					
14-51-100	Norristown High Speed Line Modeling Assistance **	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000
15-41-100	FFY 2015 Regional Aviation System Planning **	40,000	-	-	-	40,000
15-44-111	William Penn -- Regional Trail Technical Assistance Program **	119,735	-	-	36,400	83,335
15-44-200	NJ FHWA SRHP2 C16 - Planning and Policy Assessment Tool **	20,000	-	-	-	20,000
15-44-210	PA FHWA Greenhouse Gas and Energy Analysis Demonstration Project **	40,000	-	-	-	40,000

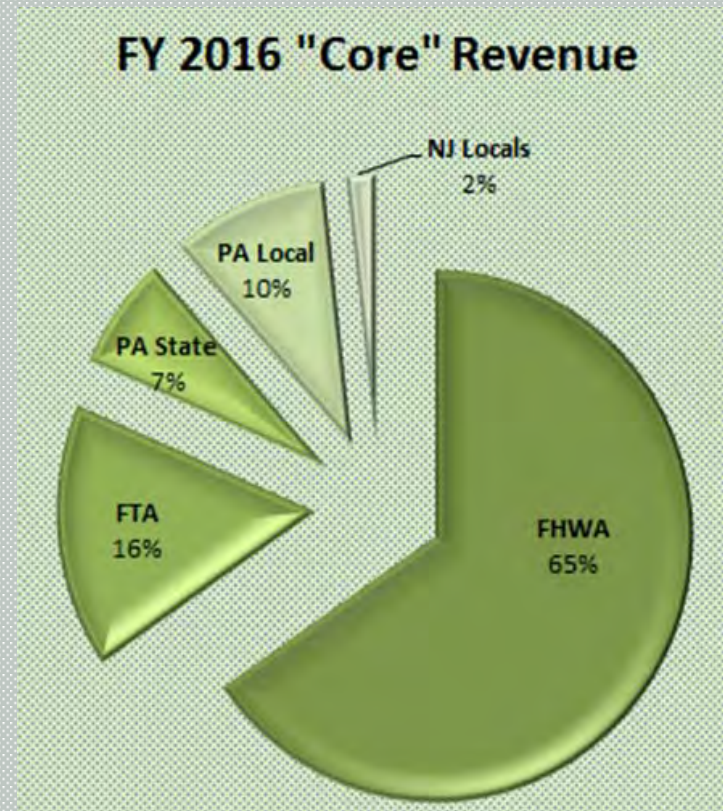
TABLE B DELAWARE VALLEY REGIONAL PLANNING COMMISSION
FY 2016 PLANNING WORK PROGRAM
2/25/2015 PROJECT FUNDING BY SOURCE

PROJECT NUMBER	PROGRAMS/PROJECTS	FY 2016 BUDGET	HIGHWAY PLANNING	TRANSIT PLANNING	COMPREHENSIVE PLANNING	OTHER
16-41-130	Hard Shoulder Running on I-76, Phase 1	140,000	-	-	-	140,000
16-41-140	Ivy Ridge Station Intermodal Study	100,000	-	-	20,000	80,000
16-43-020/25	HPMS and Functional Classification System (PA & NJ)	200,000	200,000	-	-	-
16-43-030	PennDOT District 6-0 Traffic Volume Data	250,000	-	-	-	250,000
16-44-140	Darby TOD and TRID	70,000	-	-	14,000	56,000
16-44-150	PA Ozone Action Supplemental Services	125,000	-	-	-	125,000
16-44-160	NJ Ozone Action Supplemental Services	50,000	-	-	-	50,000
16-44-180	Pennsylvania Coastal Zone Management Implementation Program	100,000	-	-	50,000	50,000
16-44-190	Delaware Valley Regional Food System Plan	100,000	80,670	19,330	-	-
16-44-200	PA/NJ Local Planning Initiatives	200,000	-	-	13,600	186,400
16-51-020	Update DVRPC Travel Simulation Model	640,000	-	-	-	640,000
16-51-130	Fast Turn Around Traffic Analysis	50,000	-	-	-	50,000
16-51-140	Demographic/Market Analysis-Zoo Regional Rail Study	80,000	-	-	16,000	64,000
16-53-020	Regional Transportation GIS Coordination	400,000	-	-	-	400,000
16-53-040	Local Asset Data Collection-Chester County	100,000	-	-	-	100,000
16-56-700	Member Government Special Projects	1,001,372	-	-	-	1,001,372
16-56-700	Carryover of PennDOT Highway Needs Studies **	650,000	-	-	-	650,000
	Subtotal	7,515,089	587,216	92,784	150,000	6,685,089
	SUBTOTAL DVRPC PROGRAM	\$ 18,420,682	\$ 7,115,303	\$ 1,787,371	\$ 495,419	\$ 9,022,589
	** Carryover Projects					
	MEMBER GOVERNMENT / TRANSIT OPERATING AGENCIES / OTHER PASS-THROUGH					
Chpt. Three	Supportive Regional Highway Planning Program					
0-000/16-61-000	PA/NJ Supportive Regional Highway Planning Program	\$ 1,266,250	\$ 785,000	\$ -	\$ -	\$ 481,250
Chpt. Four	Transit Support Program					
16-63-000	PA/NJ Transit Support Program	1,608,250	-	1,608,250	-	-
Chpt. Five	Other Member Government Projects					
15-44-300	William Penn -- Planning, Design & Construction of Priority Trails Re-Grant Program**	3,500,000	-	-	-	3,500,000
16-53-300	PA/NJ Regional GIS Implementation Coordination	300,000	-	-	-	300,000
16-62-000	NJ Local Concept & Development	430,000	-	-	-	430,000
16-62-000	NJ Pavement Management System	2,000,000	-	-	-	2,000,000
16-65-000	HISP Design Assistance Program	500,000	-	-	-	500,000
	SUBTOTAL MEMBER GOVERNMENTS AND OPERATING AGENCIES	\$ 9,604,500	\$ 785,000	\$ 1,608,250	\$ -	\$ 7,211,250
	GRAND TOTAL	\$ 28,025,182	\$ 7,900,303	\$ 3,395,621	\$ 495,419	\$ 16,233,839

\$ 9,398,093
(51%) CORE

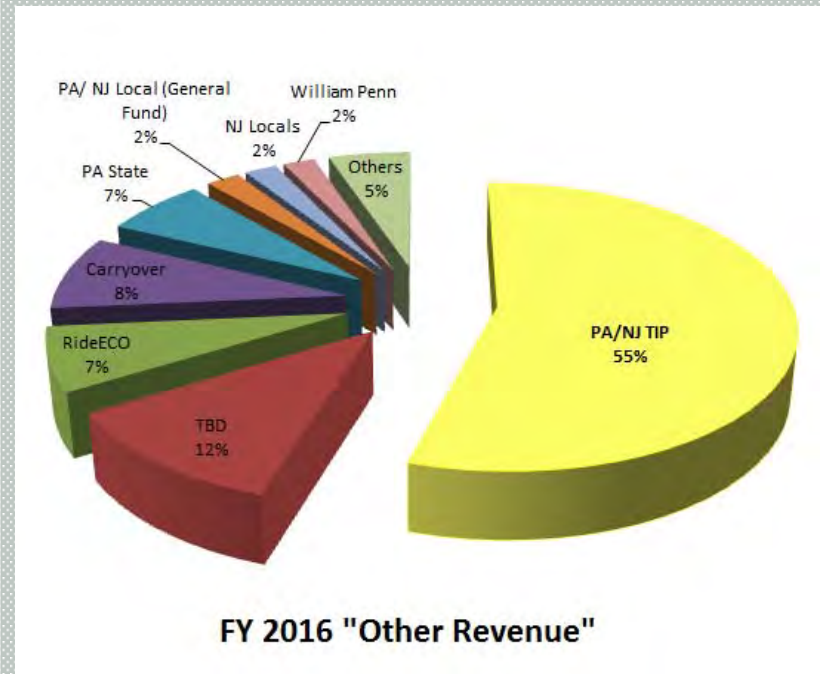
"CORE" REVENUE

FHWA	\$	6,147,303
FTA		1,512,371
PA State		650,000
PA Local (Highway, Transit Match, Comp. PL.)		923,345
NJ Locals (Comp. PL.)		165,074
Total	\$	9,398,093



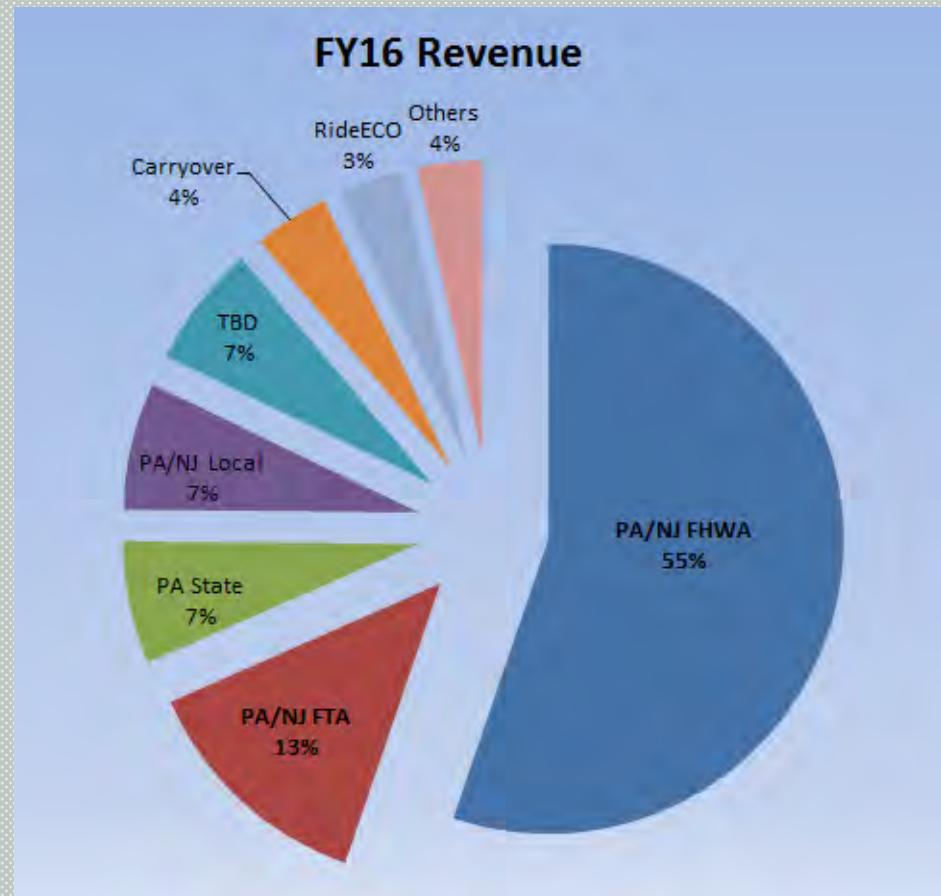
PA/NJ TIP	\$ 4,943,275
RideECO	646,500
PA State	588,225
PA/ NJ Local (General Fund)	194,482
NJ Locals	186,400
William Penn	183,335
FAA	134,000
SEPTA	100,000
DRPA	90,000
PADEP	75,000
City of Philadelphia	50,000
NJDEP	10,000
DVRPC	10,000
PA/NJ Local (FAA Match)	3,996
TBD	1,047,376
Carryover	760,000
Total	\$ 9,022,589

OTHER REVENUE



PA FHWA	\$	6,845,300
PA FTA		1,615,000
NJ FHWA		3,330,278
NJ FTA		812,371
PA State		1,238,225
PA/NJ Local		1,286,897
RideECO SEPTA, DRPA, City of Phila		646,500
William Penn		240,000
FAA		183,335
PADEP, NJDEP		134,000
DVRPC		85,000
TBD		10,000
		1,233,776
Carryover		760,000
Total	\$	18,420,682

FY 2016 TOTAL REVENUE



got questions

