

MUNICIPAL ADVISORY COMMITTEE MEETING

KEYSTONE BUILDING 8N1 AND MICROSOFT TEAMS ·· NOVEMBER 3, 2022

AGENDA

- **Welcome – Deputy Secretary Larry Shifflet** **1:00-1:15**
- **Updates** **1:15-2:00**
 - Municipal Association Updates
 - Pennsylvania State Association of Township Supervisors
 - Pennsylvania State Association of Boroughs
 - Pennsylvania Municipal League
 - Pennsylvania State Association of Township Commissioners
 - County Commissioners Association of Pennsylvania
 - Federal Highway Administration – Veronica Feliciano/Yathi Yatheepan
 - Municipal Research and Outreach – Chris Metka
 - Financial and Contract Services – Kristen Sims
 - PennDOT Bike/Ped Coordinator Introduction – Trish Meek
- **Break – 5 Minutes** **2:00-2:05**
- **Presentations**
 - Outdoor Advertising Control/Traffic Engineering Training – Jason Bewley **2:05-2:20**
 - E-Ticketing – Kelly Barber **2:20-2:35**
 - Office of Transformational Technology – Kevin Tobias **2:35-2:50**
 - NEVI Implementation and “PA Fights Dirty” Litter Update – Shane Rice **2:50-3:05**
 - Build America, Buy America – Jeff Bucher **3:05-3:20**
- **Next Meeting/Adjournment** – Chris Metka **3:20**



WELCOME

DEPUTY SECRETARY FOR PLANNING - LARRY SHIFFLET ·· NOVEMBER 3, 2022

MUNICIPAL ASSOCIATION UPDATES

- Pennsylvania State Association of Township Supervisors
- Pennsylvania State Association of Boroughs
- Pennsylvania Municipal League
- Pennsylvania State Association of Township Commissioners
- County Commissioners Association of Pennsylvania



FHWA UPDATE

VERONICA FELICIANO/YATHI YATHEEPAN ·· NOVEMBER 3, 2022

MUNICIPAL RESEARCH AND OUTREACH

CHRIS METKA ·· NOVEMBER 3, 2022

MUNICIPAL RESEARCH AND OUTREACH

- PennDOT Connects Municipal Outreach
 - Spring 2023 Outreach
 - Other resources continually updated and expanded at <https://www.penndot.pa.gov/ProjectAndPrograms/Planning/Pages/PennDOT-Connects.aspx>
 - Newsletters
 - Drop-Ins
 - Recorded Online Training
 - Tech Sheets
 - Municipal Outreach Sessions Recordings



The screenshot shows the PennDOT Connects website page. The breadcrumb trail is "DOT > Projects & Programs > Planning > PennDOT Connects". The main heading is "PennDOT Connects". Below the heading is a paragraph describing the department's commitment to collaborative planning. A link to "Read a welcome message from PennDOT Secretary Yassmin Gramian (PDF)" is provided. A "Expand All" link is visible. A list of resources is shown with dropdown arrows: Newsletters, Drop-Ins and Webinars, Online Training, Tech Sheets, 2022 Municipal Outreach Sessions, Best Practices, and News. On the right side, there is a "Resources" section with links to various documents and videos, and a "Municipal Resources" section with links to training and assistance. A blue button labeled "Request Municipal Assistance or Training" is present, along with a "Subscribe to PennDOT" button.



MUNICIPAL RESEARCH AND OUTREACH

- LTAP
 - New Classes – Spring 2023
 - Stormwater Control Measures (new)
 - Stormwater Control Measures Operation and Maintenance (new)
 - Traffic Signal Basics (new)
 - Equipment and Worker Safety (major update)
 - Winter Maintenance 201 (new)
 - Drop-Ins
 - Approved Products for Local Roads (November 3rd)
 - Disaster Recovery (October 6th)
 - Residential Streets Sidewalk Design and Maintenance (September 1st)



MUNICIPAL RESEARCH AND OUTREACH

- Pitt Work Order #23

Tactical Urbanism/ Demonstration Projects

- Halfway through 12-month work order
- Looking for municipalities with experience
 - Demonstration Projects /Traffic Calming
 - Try before you buy
 - Paint and post
 - Regular closures on state or local roads
 - In-street dining
 - Parades
 - Free speech events



FINANCIAL AND CONTRACT SERVICES DIVISION UPDATE

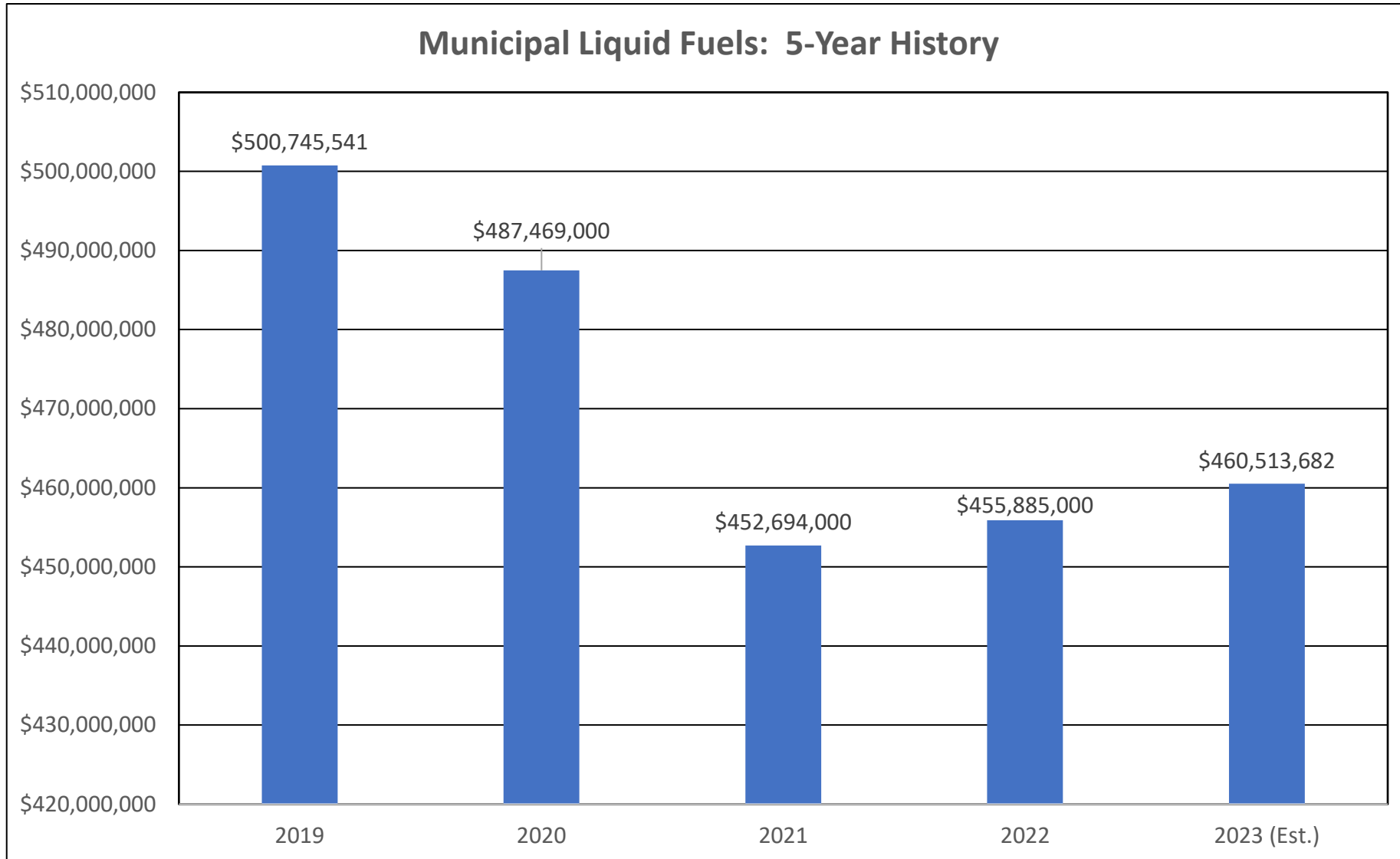
KRISTEN SIMS ·· NOVEMBER 3, 2022

2022 MLF ALLOCATION

- 2022 MLF allocation - \$455,885,000
 - 2021 MLF allocation - \$452,694,000
 - \$3,191,000 (0.7%) increase
- As of November 1, 2022 - \$450,614,067.82 released to 2,514 municipalities
 - Payments released as municipalities become certified



MLF ALLOCATION HISTORY



PRIOR MLF ALLOCATIONS

- 2021 MLF allocation - 7 municipalities are not yet certified to receive their allocation
 - An additional 4 still have a CRP block
- 2020 MLF allocation - Three municipalities did not receive their allocation
 - 2 never certified, 1 for CRP block
 - Lapsed June 30, 2022



DECEMBER 2022 PAYMENTS

- The following payments will be made on December 1, 2022
 - State Police Fines and Penalties to eligible municipalities - \$3,395,831 (\$2,964,208 to municipalities, \$431,623 to PSP for cadet classes)
 - County Liquid Fuels Tax Fund to all counties - \$13,706,490
 - Act 44 to eligible counties (61) - \$5,000,000
 - Act 89 to eligible counties (61) - \$4,816,500
 - \$5 Fee for Local Use to counties who have passed the required ordinance (26) - \$19,450,230



FHWA FORM 536

- Notification of form was sent July 27, 2022
- Second notice was sent August 24, 2022
- Due date for the form was September 15, 2022
- 1,374 (52.3%) municipalities and counties submitted the form
 - 1,380 (52.5%) submitted the form when collected in 2021
- Final compiled form was submitted to FHWA on October 12, 2022



FHWA FORM 536 RESPONSES

	2022	2021
1 st Class Townships	48	49
2 nd Class Townships	839	831
Cities	24	19
Boroughs	431	447
Town	1	1
Counties	31	33
Total	1,374	1,380



PAYMENT UPDATE

- All payments must be electronic soon
 - Municipalities and counties will be required to set up accounts for direct deposits soon
 - No specific date has been given



Questions?



PENNDOT BIKE/PED COORDINATOR

TRISH MEEK · NOVEMBER 3, 2022

5 MINUTE BREAK

PRESENTATIONS

- **Outdoor Advertising Control, Traffic Engineering Training** – Jason Bewley
- **E-Ticketing** – Kelly Barber
- **Office of Transformational Technology** – Kevin Tobias
- **NEVI Implementation and “PA Fights Dirty” Litter Update** – Shane Rice
- **Build America, Buy America** – Jeff Bucher



BANNERS AND CIVIC DISPLAYS

PUB. 46 CHAPTER 2.10 UPDATE

**MUNICIPAL ADVISORY COMMITTEE
NOVEMBER 2022**

JASON BEWLEY, P.E.

SCOPE

Old Policy – Banners Only

New Policy – Banners & Civic Displays



THEN AND NOW

OLD POLICY

Pros:

- Flexible
- Quick
- Ad-friendly

Cons:

- Inconsistent
- Confusing
- Vs. illegal sign initiative

NEW POLICY

Pros:

- Flexible
- Consistent
- Local-friendly

Cons:

- New form
- No advertising



KEY CHANGES

For Both Banners and Civic Displays

- PE certification for structure-mounts
- No advertising

For Civic Displays

- Five-year limit on installation
- Annual inspection by locals
- Adds provisions for:
 - Decorations, flags, military recognition, civic mottos
 - Area-of-Significance: “...distinct geographic boundaries approved by municipal resolution or official map; for example, village, college/university campus property, commercial district, or historic district.”



BANNERS AND CIVIC DISPLAYS POLICY

- Pub. 46, Chapter 2.10 in standard update process
- Statewide work group convened in 2022
- CT Step 1 External Comment period closed
 - 87 comments, no fatal flaws
- Step 2 CT planned for November
- Forms development planned Winter 2022-23
- Strike-off-Letter planned Spring 2023



TRAFFIC ENGINEERING TRAINING

**MUNICIPAL ADVISORY COMMITTEE
NOVEMBER 2022**

JASON BEWLEY, P.E.

ADMINISTRATION

STEERING COMMITTEE

HSTO Staff, Training Coordinator and One District Traffic Engineer

SUBCOMMITTEES (10)

Engineering

Signing & Pavement Markings

Highway Occupancy Permits (HOP)

Special Hauling

Highway Safety

Signals and Intelligent Transportation Systems (ITS)

Transportation Systems Management and Operations (TSMO)

Work Zone

Traffic Management Centers (TMC)

Systems Engineering



APPROACH

- ✓ Redevelop subcommittees
- ✓ Review existing trainings
 - ✓ E.g. PennDOT, NHI, LTAP
- Delete/discontinue obsolete trainings
- Determine future training needs
 - Beginner, Intermediate, Advanced
- Recommend new or improved course development
- Offer pilot courses to internal staff
- Offer courses to external staff



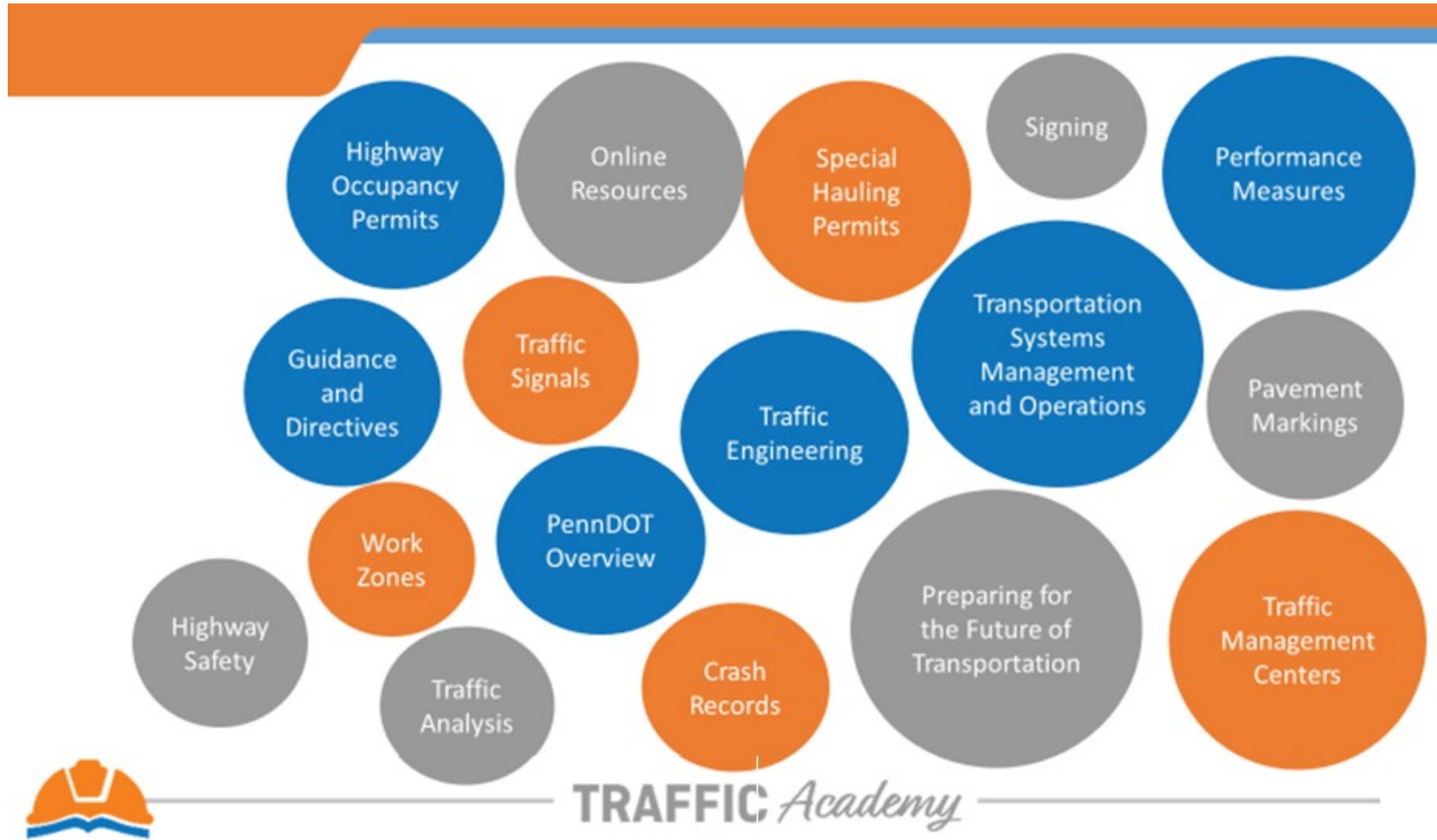
EARLY ACTION



- 5-day course, classroom and facility tours
- 101-level instruction
- Taught by 16 PennDOT subject matter experts
- Four academies are complete
- 110 PennDOT trained-to-date
- Next academy (abbreviated) @ TESC Workshop
 - Open to non-PennDOT staff
- Next full academy in 2023



TRAFFIC ACADEMY TOPICS



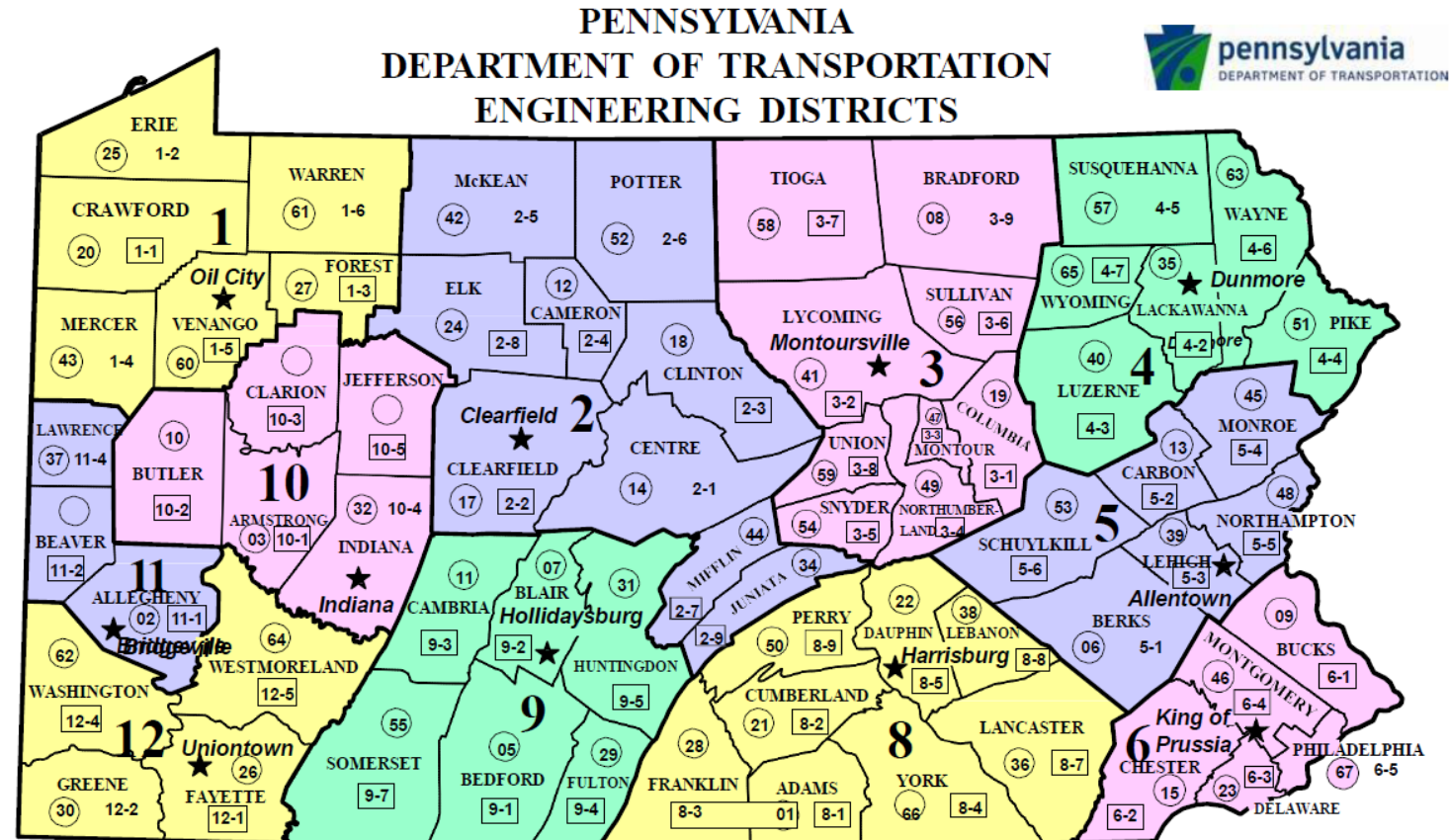
E-TICKETING

KELLY BARBER ·· NOVEMBER 3, 2022

PennDOT e-Construction Initiative

Electronic Ticketing Implementation

John Myler
Kelly Barber, P.E.



Specification Teams

- **Includes All Parties from Producers to Inspectors**
- **Split into Three Teams**
 - Specification Team
 - IT Team
 - Hauling Team

PennDOT's e-Ticketing Workgroup



Pennsylvania Aggregates and Concrete Association



e-Ticketing Planning and Procurement

- **Construction Specification includes asphalt, concrete and aggregate**
- **Maintenance Material requirements for five materials**
 - Asphalt, liquid asphalt, concrete, aggregate and salt
- **Addresses limited or no service on construction site**

Specification

II. MATERIAL - The electronic ticketing system must be fully integrated with the load read-out system at the plant. The system software and hardware must prevent alteration of the data inputs from the scales. For acceptance on a project, the electronic ticket must contain the following information:

a. Aggregate

- ECMS Number or Purchase Order Number
- Plant Supplier Code
- Material Type/Class/Number
- Date and Time Ticketed
- Unique Truck ID
- Mass (Weight), Gross, Tare, Net
- Name and license number of Licensed Public Weighmaster
- Running Daily Total in Tons of material being transported

b. Concrete

- ECMS Number or Purchase Order Number
- Plant Supplier Code
- Class of concrete
- JMF number
- Date and Time Ticketed
- Unique Truck ID
- Net Cubic Yards of concrete being transported
- Indicate total yards shipped to total yards ordered

c. Asphalt

- ECMS Number or Purchase Order Number
- Plant Supplier Code
- Material Type/Class/Number
- JMF Number
- Date and Time Ticketed
- Unique Truck ID
- Mass (Weight), Gross, Tare, Net
- Running Daily Total in Tons of material being transported
- Name and license number of Licensed Public Weighmaster

e-Ticketing Solutions

Bid Item for “Electronic Ticketing System”

- **Allowed suppliers to recoup costs**

Numerous e-Ticketing Vendors

- **Web Portals**
- **Apps**
- **Potential Confusion for Inspection Team**

e-Ticketing Application



- IT Unit developed software to accept vendor supplied tickets.
- API developed to allow for this connection.
- Data will be stored in our material system, eCAMMS
- **PennDOT e-Ticketing App went live on July 1st, 2021:**Third party successfully pushed first asphalt ticket.

PennDOT Portal Connections

Option 1

For Producers and Contractors with Internal IT Resources

PennDOT will provide an API key for you to send ticket data to the Pennsylvania DOT Portal



Option 2

For Producers and Contractors with existing e-Ticketing Solutions

The e-ticketing provider can forward the tickets via API to the PennDOT Portal. If they are unable to do so currently, HaulHub can assist in establishing the connection.



Option 3

For Producers with Limited to No IT Resources and no e-Ticketing Solution

Provide a simple solution to get your tickets flowing into the portal at no cost to you.



e-Ticketing Application



- App is available via Apple App Store
- Department and Consultant Inspectors have access
- App will be piloted, analyzed and updated as needed.

e-Ticketing Application

8:28 AM Mon May 23 LTE 90%

eTicketing 1.5 PROD
Search

Close

ECMS Project # 26623 Material Asphalt

From Date 05/16/22 To Date 05/23/22

Status Notify when new tickets are available

Clear Search

Filter tickets by...

Status	Date/Time	Truck #	Material	Prod. Desc	Supplier Code	
<input checked="" type="checkbox"/> In Transit	05/20/22 08:48 PM	PNM84-107	Asphalt	INCOMING RAP	LIN02A41	i
<input type="checkbox"/> In Transit	05/20/22 09:00 PM	PNM84-128	Asphalt	INCOMING RAP	LIN02A41	i
<input type="checkbox"/> In Transit	05/20/22 09:02 PM	PNM86-112	Asphalt	INCOMING RAP	LIN02A41	i
<input type="checkbox"/> In Transit	05/20/22 09:10 PM	PNM86-104	Asphalt	INCOMING RAP	LIN02A41	i
<input type="checkbox"/> In Transit	05/20/22 09:11 PM	PNM84-115	Asphalt	INCOMING RAP	LIN02A41	i
<input type="checkbox"/> In Transit	05/20/22 09:22 PM	PNM86-111	Asphalt	INCOMING RAP	LIN02A41	i

Select All 0 Ticket Selected Add to Dashboard

e-Ticketing Application

1:28 PM Fri Jun 3 eTicketing 1.5 PROD Dashboard

Material: Asphalt Ticket Status: All Tickets Show only Offline: Select

Filter tickets below

IN TRANSIT	TRUCK NUMBER	DATE AND TIME	ECMS NUMBER	SR & SECTION	MATERIAL TYPE	PRODUCT DESC.	NET WEIGHT	SUPPLIER TICKET NUMBER
IN TRANSIT	PNM86-109	05/21/22 5:03 AM	26623	2040-A22	Asphalt	INCOMING RAP	21.69 TON	233761
	PNM86-114	05/21/22 5:06 AM	26623	2040-A22	Asphalt	INCOMING RAP	25.55 TON	233762
IN TRANSIT	PNM86-104	05/21/22 5:19 AM	26623	2040-A22	Asphalt	INCOMING RAP	21.53 TON	233763
	PNM86-122	05/21/22 5:20 AM	26623	2040-A22	Asphalt	INCOMING RAP	21.57 TON	233764
IN TRANSIT	PNM86-112	05/21/22 5:21 AM	26623	2040-A22	Asphalt	INCOMING RAP	15.61 TON	233765
	RECEIVED	PNM86-111	05/21/22 5:27 AM	26623	2040-A22	Asphalt	21.61 TON	233766
RECEIVED	PNM86-119	05/21/22 6:36 AM	26623	2040-A22	Asphalt	19MM BIND 64S-22 25% R P	21.51 TON	233773
	RECEIVED	PNM86-124	05/21/22 6:37 AM	26623	2040-A22	Asphalt	21.66 TON	233774
RECEIVED	PNM86-131	05/21/22 6:39 AM	26623	2040-A22	Asphalt	19MM BIND 64S-22 25% R P	21.64 TON	233775
	RECEIVED	PNM86-110	05/21/22 6:40 AM	26623	2040-A22	MATERIAL TYPE PRODUCT DESC.		
RECEIVED	PNM86-067	05/21/22 6:42 AM	26623	2040-A22	MATERIAL TYPE PRODUCT DESC.			
	RECEIVED	PNM86-129	05/21/22 6:43 AM	26623	2040-A22	MATERIAL TYPE PRODUCT DESC.		

Search Ticket(s) Add Offline Ticket(s)

e-Ticketing Application

3:23 PM Fri Jun 3 60%

[Dashboard](#) eTicketing 1.5 PROD
Ticket Detail

DATE AND TIME 05/24/22 1:24 PM	ECMS NUMBER 113415	STATE ROUTE 30	TRUCK NUMBER PNM86-104
DISTRICT 11	COUNTY Allegheny	SECTION A38	INTERNAL TICKET ID 14629
SUPPLIER NAME Lindy Paving, Inc.	SUPPLIER CODE LIN02A41	SUPPLIER LOCATION 2340 2nd Avenue,PA-15219	PLANT TICKET ID 234585
PRODUCT DESCRIPTION INCOMING RAP	NUMBER OF TRUCK AXLES <input type="text"/>	OVERWEIGHT TRUCK INDICATOR <input type="checkbox"/>	
MATERIAL TYPE Asphalt	MATERIAL CLASS Unknown		
PUB 408 YEAR 2020	PUB 408 CHANGE NUMBER 2	WORK ITEMS --	
JMF NUMBER --	JMF YEAR --		

Status ▼

Canned Comments ▼

Workflow Comments 0/500

e-Ticketing Application

3:23 PM Fri Jun 3

[Dashboard](#) eTicketing 1.5 PROD Ticket Detail

PUB 408 YEAR 2020	PUB 408 CHANGE NUMBER 2	WORK ITEMS --	
JMF NUMBER --	JMF YEAR --		
TARE WEIGHT 14.42 TON	GROSS WEIGHT 36.34 TON	NET WEIGHT 21.92 TON	MATERIAL RUNNING DAILY TOTAL 1101.65 TON
	SITE TEMP CHECK <input type="text" value="285"/>	PLACEMENT LOCATION <input type="text" value="Left Lane WB"/>	WASTE IN TON <input type="text" value="0"/>
WEIGHMASTER MIKE MCKEE	WEIGHTMASTER LICENSE NUMBER 83121		
PLANT TECHNICIAN Unknown	PLANT TECHNICIAN LICENSE Unknown	PLANT TECHNICIAN COMMENTS Unknown	TEMPERATURE CHECK 0


Status
Received

Canned Comments

Workflow Comments 0/500

[Save](#)

e-Ticketing Web Portal



User ID:
ECMS User ID:

[HELP](#)

ECMS Number:

From Date:

To Date:

Material Type:

Material Class:

Status:

ECMS Project	3	-	-	-	2	5
37524	IN TRANSIT	RECEIVED	REJECTED	VOIDED	SYNC	ALL TICKETS

	Date and Time	Material	Material Class	Status	Truck #	Supplier Code	Supplier Name
1	Aug 27 2021 01:30 PM	Asphalt	Unknown	Sync	529	STD28A41	Development
2	Aug 27 2021 03:43 PM	Asphalt	Unknown	In Transit	247-039	STD28A41	Development
3	Aug 27 2021 04:04 PM	Asphalt	Unknown	Sync	1193	STD28A41	Development
4	Aug 27 2021 04:44 PM	Asphalt	Unknown	In Transit	1196	STD28A41	Development
5	Aug 31 2021 01:01 AM	Asphalt	Unknown	In Transit	321	STD28A41	Development

2021 Pilot Season

Pilot 2022 Construction Season

- **Collect Feedback on Specification**
 - What Went Well?
 - What Went Wrong?
- **Fall 2022 Spec. Modifications**
- Expanding Number of Pilots for 2023



Moving Towards Full Implementation

Working with Suppliers

- **Limited Department Work**
- **Limited Network Connectivity**
- **Additional Costs**
- **Haul Hub Contract now ACTIVE**
 - Assist Supplier establishing a connection to PennDOT e-Ticketing

Goal is Full implementation – anticipate by 2024 version of Pub. 408

Expanding to Maintenance Materials

Questions?

PD, eConstruct
RA-PDECONSTRUCT@pa.gov

OFFICE OF TRANSFORMATIONAL TECHNOLOGY

KEVIN TOBIAS ·· NOVEMBER 3, 2022



pennsylvania
DEPARTMENT OF TRANSPORTATION

NEVI GRANT PROGRAM & “PA FIGHTS DIRTY” LITTER CAMPAIGN UPDATE

SHANE RICE, EXECUTIVE POLICY SPECIALIST
MUNICIPAL ADVISORY COMMITTEE MEETING
NOVEMBER 03, 2022

NEVI PLAN OVERVIEW



PENNSYLVANIA STATE PLAN FOR ELECTRIC VEHICLE INFRASTRUCTURE DEPLOYMENT

National Electric Vehicle Infrastructure (NEVI)
Formula Program

VERSION FOR FFY 2022-2023

- Submitted to Joint Office of Energy and Transportation - July 21
- Approved by FHWA - September 14
- Provides PA \$171.5 million over next 5 years for electric vehicle (EV) infrastructure
 - FFY 2022 - \$25.4 million
 - FFY 2023-2026 - \$36.5 million annually
- [Pre-announcement of funding opportunity - October 12](#)
- [Informational stakeholder webinar held Nov. 1](#)
- NOFO anticipated mid-December 2022



NEVI FUNDING ROUNDS

Round 1

Primary/Auxiliary AFC Interstates

Dec 2022

(Anticipated)

Round 2

Round 1 Unfilled Interstates/ Other
AFC Routes

Mid 2023

(Anticipated)

Round 3

2024

(Anticipated)

Future Rounds

TBD

(Anticipated)

FY 22 - \$25.4 million

FY 23 - \$36.5 million

(PennDOT NEVI funding)

FY '22 & '23 - Approx. \$56 million

(Anticipated available amount for applicants)

FY 24 - \$36.5 million

FY 25 - \$36.5 million

FY 26 - \$36.5 million

(PennDOT NEVI funding)

FY '24, '25, '26 - Approx. \$100 million

(Anticipated available amount for applicants)

** Note: This is the total NEVI funding available by fiscal year. Some of this amount may be used for labor & workforce training, planning, outreach, and program management as allowed by NEVI guidelines. Remaining amount will be available for applicants.*



ROUND 1 PRIORITY PROJECT LOCATIONS



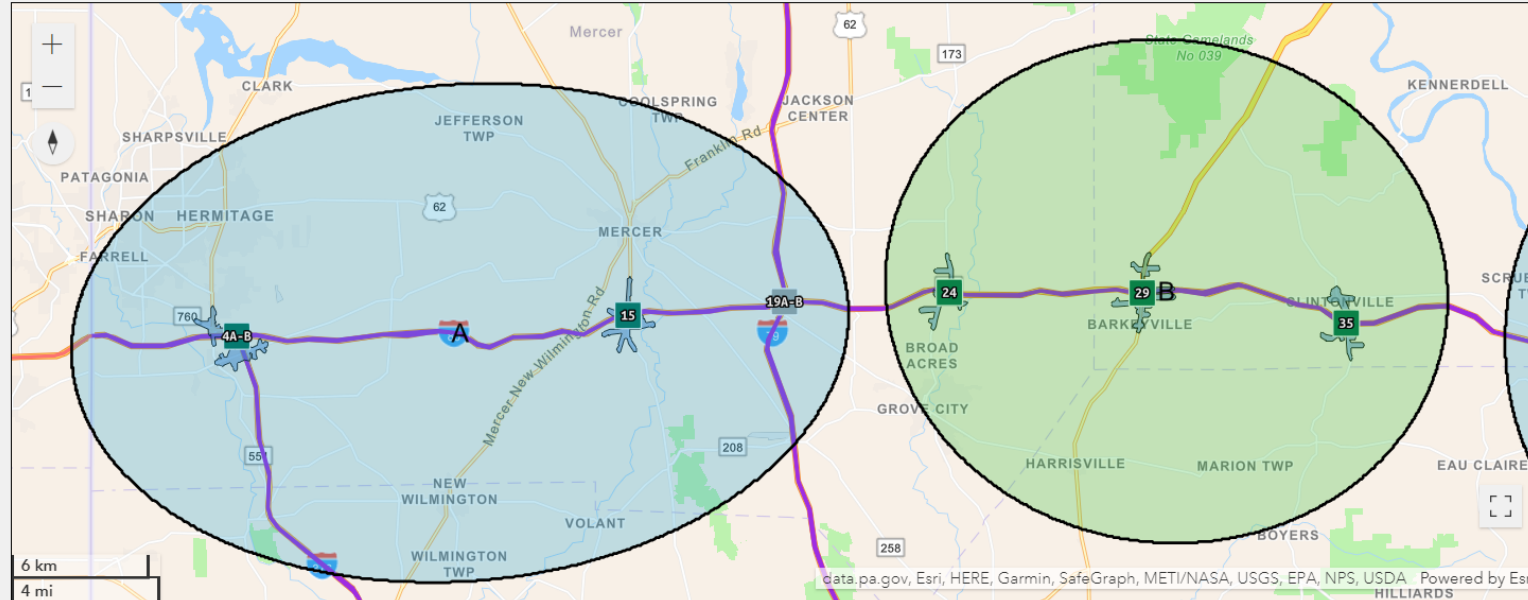
Pennsylvania NEVI - Anticipated Funding Round 1 - Interchange Information

Instructions

- Click on the expander arrow to show all Funding Round 1 Highways. By default, I-80 is shown on the map.
- Use the eye icon to show or hide the highway you are interested in on the map.
- You can turn on/off subcomponents by using the expanding arrow and eye icon for each highway if desired.
- As you zoom in, different layers and labels will appear, so if you do not see something you're looking for, try zooming in or out on the map.
- AFC lines are shown by default and compliant NEVI chargers are hidden. Use the eye icon to toggle these layers as desired.

Round 1 Highways

- I-70
- I-76
- I-78
- I-79
- I-80
- Groups
- Interchanges
- Polygons



Interchange Groups

- A Priority I – High
- A Priority II – Mid
- A Priority III – Low

NEVI Compliant Charging Sites

- Operating (PA)
- Planned (PA)
- Operating (Out of State)

Interchanges

- 234 Eligible
- 234 Ineligible

AFCs

- PA Round 1 Corridor
- PA Round 2 Corridor
- Bordering Corridor

1mi Polygons



[View PA NEVI Info](#)

[Submit a Question](#)

[Download GIS Data](#)

Information on interchange groups, priorities, and scoring

Updated 10/31/22

Items on map may be updated by PennDOT, including interchange groups and priorities.



SELECTION CRITERIA

SITE RELATED – Highest Priority

Interchange Score (Location)

Ability to fill gaps	Number & type of nearby facilities	Proximity of facilities at interchanges with 24/7 access	Safe Access of Facilities	Route Significance	Equity: Environmental Justice areas, rural areas, air quality non-attainment areas
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Site Readiness

Power availability	Amount of utility coordination completed	Amount of site development needed	Communication availability	Existing or need for site agreement /ownership	Existing or need for partnership agreement in place	Need for environmental clearance
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Future Proofing

Power per port/site proposed	Number of additional ports/site proposed	Ability to provide more power per port in the future	Ability to add future ports	Availability of pull through sites	Ability to meet medium heavy duty charging requirements	Ability to meet heavy duty vehicle charging requirements
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SELECTION CRITERIA

SUSTAINABILITY; EQUITY; RESILIENCE; ECONOMIC DEVELOPMENT– Second Priority

Criteria

Usage of renewable energy sources and strategies

Generation of clean energy

Renewable energy storage

Plan for involving local and small businesses/workforce

Plan for public/stakeholder engagement

Plan for team training and Safety

COST- Third Priority

Criteria

Amount of funding requested (out of total project cost)

*Please note these selection criteria are subject to change. The final selection criteria will be identified in the NOFO.



PA ROUND 1 MATCH REQUIREMENTS

Eligible Costs

Planning, Hardware, &
Construction

Fixed O&M Costs

5-year fixed networking and data cost
5-year fixed warranty cost

Ineligible Costs

Variable O&M Costs

Electricity
Insurance
Other recurring business costs, i.e., staffing

PennDOT

Grant award - UP TO 80%
of the eligible project costs.

Applicant

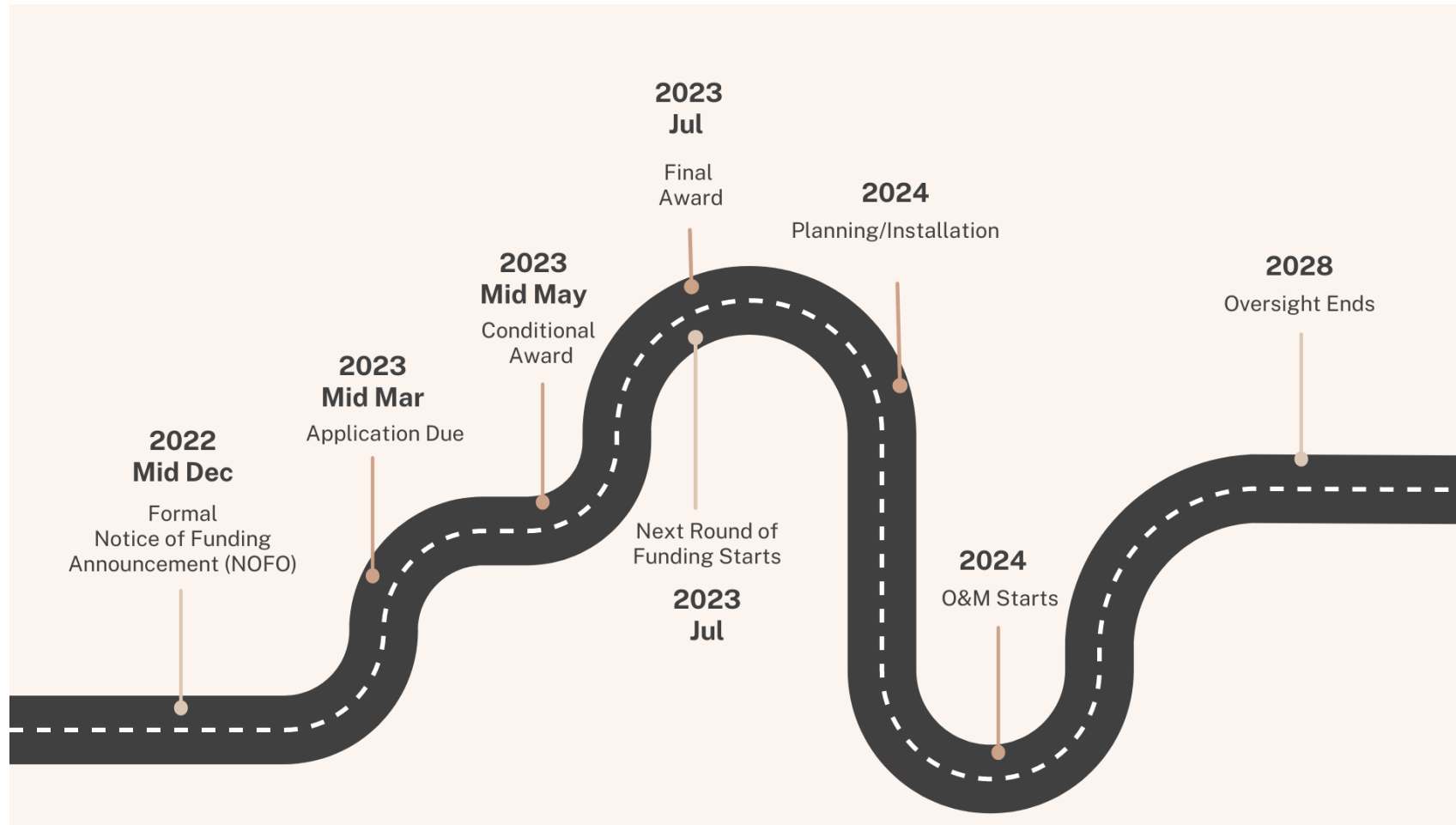
Grantee match - AT LEAST 20%
of the eligible project costs.

**Grant award WILL NOT cover or consider
ineligible costs in grant formula.**

**Amount of match is part of evaluation criteria. Match requirements are subject to change.*



ANTICIPATED TIMELINE



* 5 Year O&M starts once Installation is completed and approved for O&M.

* These dates are representative and are subject to change based on applicants' feedback. NOFO will identify specific dates.



NEVI STAKEHOLDER SESSIONS

**REGISTER
TODAY!**



JOIN US
for a stakeholder session
about Electric Vehicles!

- ~~Monday, Oct. 24 - Columbia~~
- ~~Tuesday, Oct. 25 - Jessup~~
- ~~Tuesday, Nov. 1 - Virtual Webinar~~
- Thursday, Nov. 3 - Pittsburgh
- Thursday, Nov. 10 - Williamsport
- Tuesday, Nov. 15 - Blue Bell
- Tuesday, Nov. 22 - Philadelphia

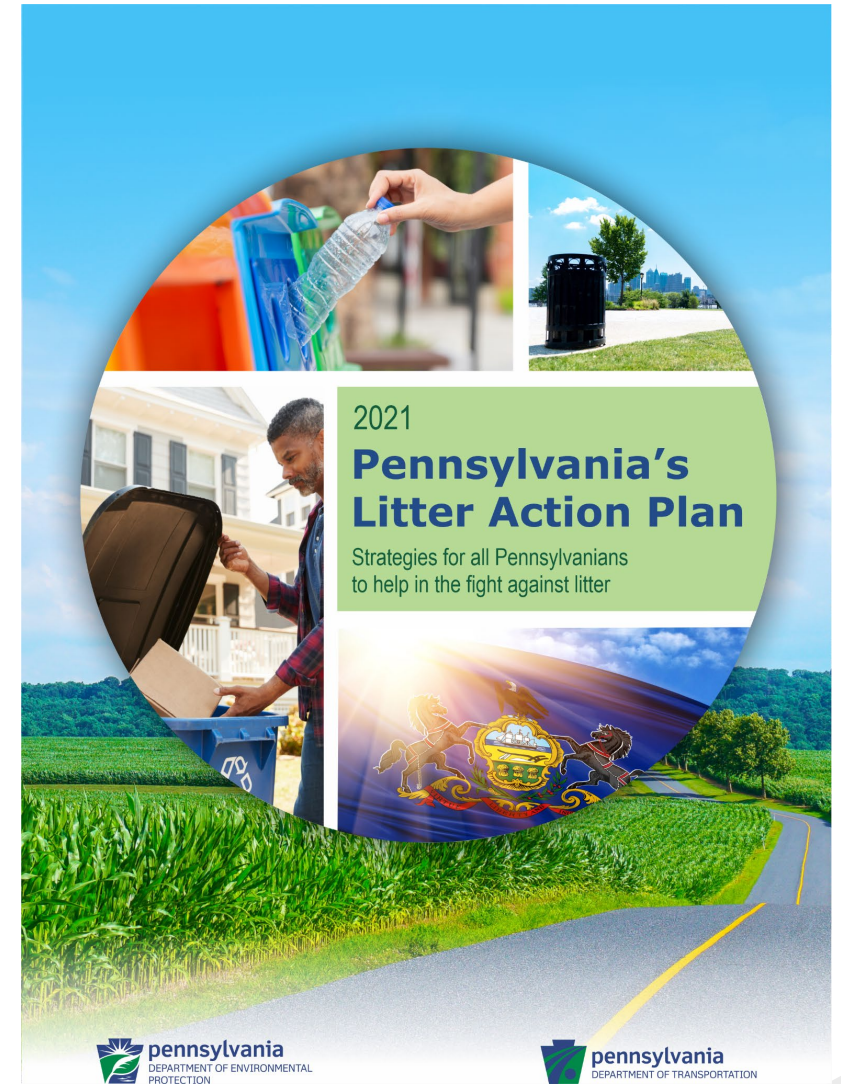




LITTER CAMPAIGN UPDATE

BACKGROUND

- A Keep Pennsylvania Beautiful (KPB) research study found there are approximately **502.5 million pieces of litter** on PA's roadways.
- A 2020 study by KPB estimated that 9 cities in PA collectively spent **\$68.5 million a year** efforts to address litter.
- In 2021, DEP and PennDOT developed the Pennsylvania Litter Action Plan.
- August 2022, PennDOT, DEP & DCED launched "PA Fights Dirty" media campaign to educate and raise awareness about litter in PA.
- October 2022, PennDOT and KPB launched Young Ambassadors Program



LITTER CAMPAIGN EXAMPLES

This ad was made with PA litter.



**BIT BY BIT.
BUTT BY BUTT.**



Cigarette litter is toxic, and lasts for years.
Stash it until you can trash it. Every litter bit matters.

Paid for with Pennsylvania taxpayer dollars.

This ad was made with PA litter.



LITTER DRAWS MORE LITTER.



In PA, every litter bit matters.
Pick up your trash before it attracts more.

Paid for with Pennsylvania taxpayer dollars.



LITTER ISN'T CHEAP.



This image was made with PA litter.



LITTER RESOURCES

[PA Fights Dirty - Litter Resources Library](#)



[Every Litter Bit Matters Toolkit](#)



[PA Fights Dirty - Logo Guidelines](#)



QUESTIONS

SHANE RICE, EXECUTIVE POLICY SPECIALIST

SHANERICE@PA.GOV

New

BUILD AMERICA, BUY AMERICA ACT

General Overview

Municipal Advisory Committee Meeting
November 3, 2022

Jeff Bucher, P.E.

Chief, Highway Design & Technology Division

Bureau of Design & Delivery

BABA ACT REQUIREMENTS

- The new Build America, Buy America Act (BABA) was included in the Federal *Infrastructure Investment and Jobs Act*, commonly known as the Bipartisan Infrastructure Bill (BIL) that was enacted on November 15, 2021.
- Compliance is required for all projects Advertised for construction after November 10, 2022.
- Does not affect existing Pub. 408, Section 106.10 (a) for steel & iron

Existing

106.10 BUY AMERICA PROVISIONS AND CONVICT PRODUCED MATERIALS—This section only applies to projects partially or totally financed with Federal funds.



BABA ACT REQUIREMENTS

New Section 106.11

106.11 BUILD AMERICA, BUY AMERICA ACT PROVISIONS—This section applies to projects partially or totally financed with Department and/or Federal funds.

- **(a) Build America, Buy America Act.** The Federal Bipartisan Infrastructure Law (Public Law 117-58) includes the Build America, Buy America Act that requires all iron, steel, manufactured products, and construction materials used to be produced in the United States.



BABA ACT REQUIREMENTS

New Section 106.11

The term produced in the United States defined as:

1. **Iron or Steel Products.** All manufacturing processes from the initial melting stage through the application of coatings occurred in the United States according to **Section 106.10(a)**
2. **Manufactured Product.** **A 1983 nationwide Buy America waiver that supersedes Build America, Buy America requirements is currently in effect for manufactured products.** Manufactured products that are not predominantly steel or iron fall under this waiver and are allowable for use without regard to country of origin.
 - 2.a Predominantly steel or iron is defined as greater than or equal to **50 percent of the total cost** of the manufactured product.
 - 2.b Manufactured products that are predominantly steel or iron must comply with Buy America provisions according to Section 106.10(a).



BABA ACT REQUIREMENTS

New Section 106.11

3. Construction Materials.

3.a All manufacturing processes for construction materials occurred in the United States.

3.b Construction materials includes an article, material, or supply that is or consists primarily of:

- non-ferrous metals,
- plastic and polymer-based products including polyvinylchloride, composite building materials, and polymers used in fiber optic cables,
- glass including optic glass,
- lumber, or
- drywall
- Items that consist of two or more of the listed materials that have been combined together through a manufacturing process, and items that include at least one of the listed materials combined with a material that is not listed through a manufacturing process, should be treated as manufactured products, rather than as construction materials.



BABA ACT REQUIREMENTS

New Section 106.11

3.c Limitation with Respect to Aggregates. Shall not include cement and cementitious materials, aggregates such as stone, sand, or gravel, or aggregate binding agents or additives.

3.d Construction materials where all manufacturing processes did not occur in the United States may be used, provided the cumulative cost of such construction materials as they are delivered to the project does not exceed 0.1% of the total contract amount, or \$2,500, whichever is greater.



BABA ACT REQUIREMENTS

Interpretation w/ FHWA

- Any listed construction material combined with another listed material or with a non-listed item is to be considered a manufactured product. (1983 BA Waiver applies)
 - Plastic pipe will be considered a manufactured product because plastic is combined with resins to produce these products.
 - Glass utilized in line paint and fiber optic communications will be considered a manufactured product. Glass beads are combined with paint and pigment to produce what ultimately becomes line striping. Similarly, fiber optic communication lines can contain glass strands and other components, such as the cable jackets and fiber coatings, to produce these communication lines.



BABA ACT REQUIREMENTS

Interpretation w/ FHWA

- Iron/steel, manufactured products, and aggregates, cement, binders, and additives are not considered construction materials.
- BABA is not applicable to construction work orders on projects advertised prior to November 11, 2022.
- BABA is not applicable to Advanced Construction projects advertised prior to November 11, 2022 or conversions thereafter.



COMPLETED & NEXT STEPS

- Notifications to Industry and Business Partners – On-going
- Changes to Publication 408, new Section 106.11 (Effective ~ April 2023)
- Develop an ECMS Special Provision (for contracts to be Let through ~ April 2023.)
- Identify component sourcing for Geotech, Signals/ITS equipment, Highway Lighting
- Notification to construction, business partners, and **Bulletin 15 manufacturers**
- Updates to CS-4171/CS-4171LA and eCAMMS including the new product application
- Incorporate the BABA Act requirements into the existing auditing processes



NOTIFICATIONS

OS-600C (12-15)



July 22, 2022

To: Construction Contractors

Re: Department Notification Regarding the Build America, Buy America Act

Dear Contractor:

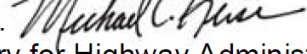
OS-600C (12-15)



DATE: August 17, 2022

SUBJECT: Department Notification Regarding the Build America, Buy America Act

TO: Department Bulletin 15 Manufacturers

FROM: Michael C. Keiser, P.E. 
Acting Deputy Secretary for Highway Administration

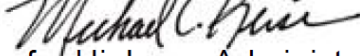
OS-600C (12-15)



DATE: September 26, 2022

SUBJECT: Department Notification Regarding the Build America, Buy America Act

TO: Department Bulletin 15 Non-Domestic Manufacturers

FROM: Michael C. Keiser, P.E. 
Acting Deputy Secretary for Highway Administration



DEPARTMENT CERTIFICATION

#1 Manufacturer, Fabricator, Coater, Precaster

#2 Distributor, Supplier or *Private Label Company

Listed in E
Bulletin #

8. By signing this document, you are certifying that this product meets the Build America, Buy America Act requirements and conforms to Section 106.11 of Publication 408.

I certify that the ab
best of my knowled
the product(s) liste

8. NAME (print) : _____ TITLE: _____

COMPANY NAME : _____

SIGNATURE : _____ DATE: _____

By Responsible Company Official

9. List company that sold you the material(s) documented above: _____
(Complete if you checked Block # 2 on line # 7, otherwise leave blank.) (Company Name)

CS-4171 (3-19)



pennsylvania
DEPARTMENT OF TRANSPORTATION
www.penndot.gov

CERTIFICATE OF COMPLIANCE



New

BUILD AMERICA, BUY AMERICA ACT

Any Questions?

Thank you!

Jeff Bucher, P.E.

Chief, Highway Design & Technology Division

Bureau of Design & Delivery

NEXT MEETING/ADJOURNMENT

Thursday January 19, 2023