



# PennDOT Connects

Planning with our communities

**“...is Coming to a Project Near You!”**

Transportation Safety and Engineering Conference

December 7, 2017

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PennDOT

Center for Program Development and Management





**IT ALL BEGINS WITH PLANNING.**

1

# The Transportation World is Changing



# The Public's **Expectations** are changing



Raffle prizes donated by Bikesport, will be raffled every week during the challenge.

**BIKE**  
t  
**WORK CHALLENGE**

Brought to you by:  
**COMMUNITIES in MOTION**  
A CVT EMA FOUNDATION

May 1st through September 30, 2014  
Register at: [movingyou.org/biketowork](http://movingyou.org/biketowork)

The Bike to Work Challenge is part of the National Bike Challenge, pitting our local bicycle commuters against 50,000 cyclists all over the United States.

Why participate?

FUN | HEALTH | ECONOMICS | ENVIRONMENT | PROMOTION | CELEBRATION



Register for the National Bike to Work Challenge  
at [movingyou.org/biketowork](http://movingyou.org/biketowork)

We are past the half way mark and the 2014 challenge has 355 riders - 88.5% of our goal!

Can you believe riders have:

125,741 logged miles- that's 5 times around the equator!

4,103 total active days of riding

6,816,003 calories burned

\$92,216 saved

113,167 pounds of CO2 reduced

[/www.youtube.com/watch?  
1pohEHLs](http://www.youtube.com/watch?v=1pohEHLs)



Bike to Work Day 2014



GVFTransportation

Subscribe

60

171 views

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[watch?](#)

[v=chr1pohEHLs](#)



**Secretary of Transportation  
Leslie S. Richards**

**IT ALL BEGINS WITH PLANNING.**

# Themes of Connects

**Planning**

**Partnership**

**Livability**

Environmental

**Collaboration**

Visionary

**Innovative**

Strategic

**Sharing**

**Sustainable**

**Stewardship**

Investing

**Multimodal**

# Community Collaboration

MPO Planners

## Municipal

RPO Staff

Local Planners

## MPO

Representatives

## RPO

District Planner

Representatives

Metropolitan Planning  
Organization

Representatives

Rural Planning Organization

District Traffic

County Planners

## County

Representatives

## PennDOT

Representatives

Other local  
government staff

District  
Environmental





***“State DOTs are no longer just held accountable for the transportation system; they are also held accountable for how the system supports and improves quality of life for communities.”***

**Transportation Research Board, National Cooperative Highway Research Program (NCHRP) Report 798: The Role of Planning in a 21st Century State Department of Transportation—Supporting Strategic Decisionmaking, 3/23/2016**

**IT ALL BEGINS WITH PLANNING.**

# How It Works

- PennDOT and our planning partners meet with local governments to discuss details for each project prior to developing project scopes and cost estimates.
- All mobility needs are considered
  - Bicycle
  - Pedestrian
  - Transit
  - Freight
  - Operations and ITS
- Utilities
- Community Health
- Stormwater Management
- Green Infrastructure

# GOAL: Better Communities and Mobility Powered through Collaboration

- PennDOT Connects builds partnerships that invest in sustainable transportation.
- PennDOT Connects leverages resources to improve communities.
- PennDOT Connects leads and innovates for a more livable Pennsylvania.
- PennDOT Connects delivers projects that improve economic competitiveness, access to work, and overall quality of life.





**Policy Approved *December 19, 2016***

# Implementation Tools

- Connects meetings on 2017 TIP projects – completed (?)
- Connects Pre - 2019 TIP Meetings, June – Dec. 2017
- Municipal Outreach/Support Contract – Nov. 2017
- Design Manual Updates – Nov. 2017
- Online PennDOT Connects system – Jan. 2017
- Long Range Planning guidance modifications – Dec. 2017



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# Implementation Tools

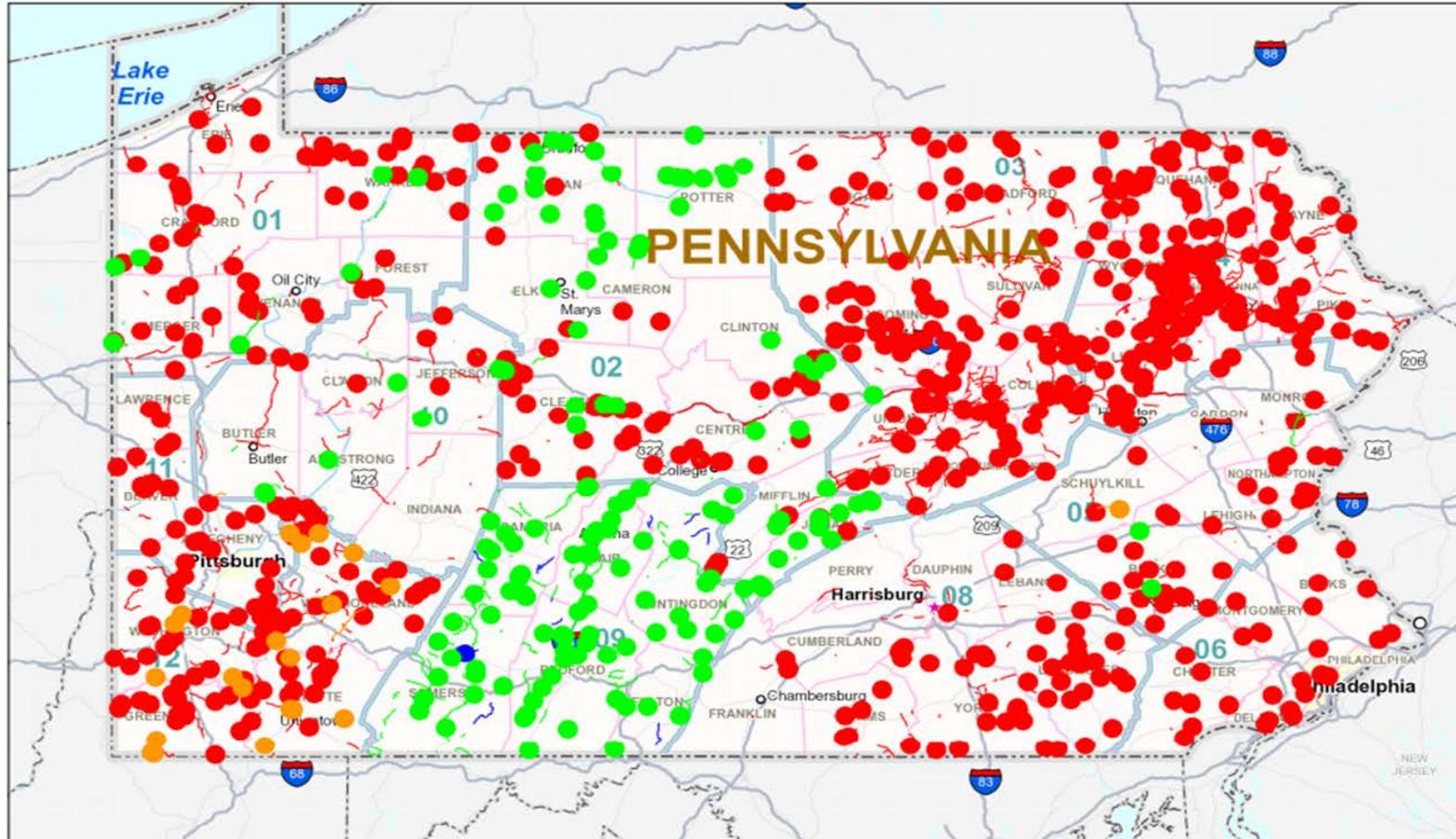
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# Project Outreach

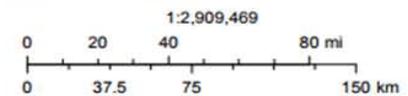


## PennDOT Connects Progress Map template



October 16, 2017

- Complete
- Complete/Unresponsive
- Underway
- Not started



© 2014-2016 PA Department of Transportation



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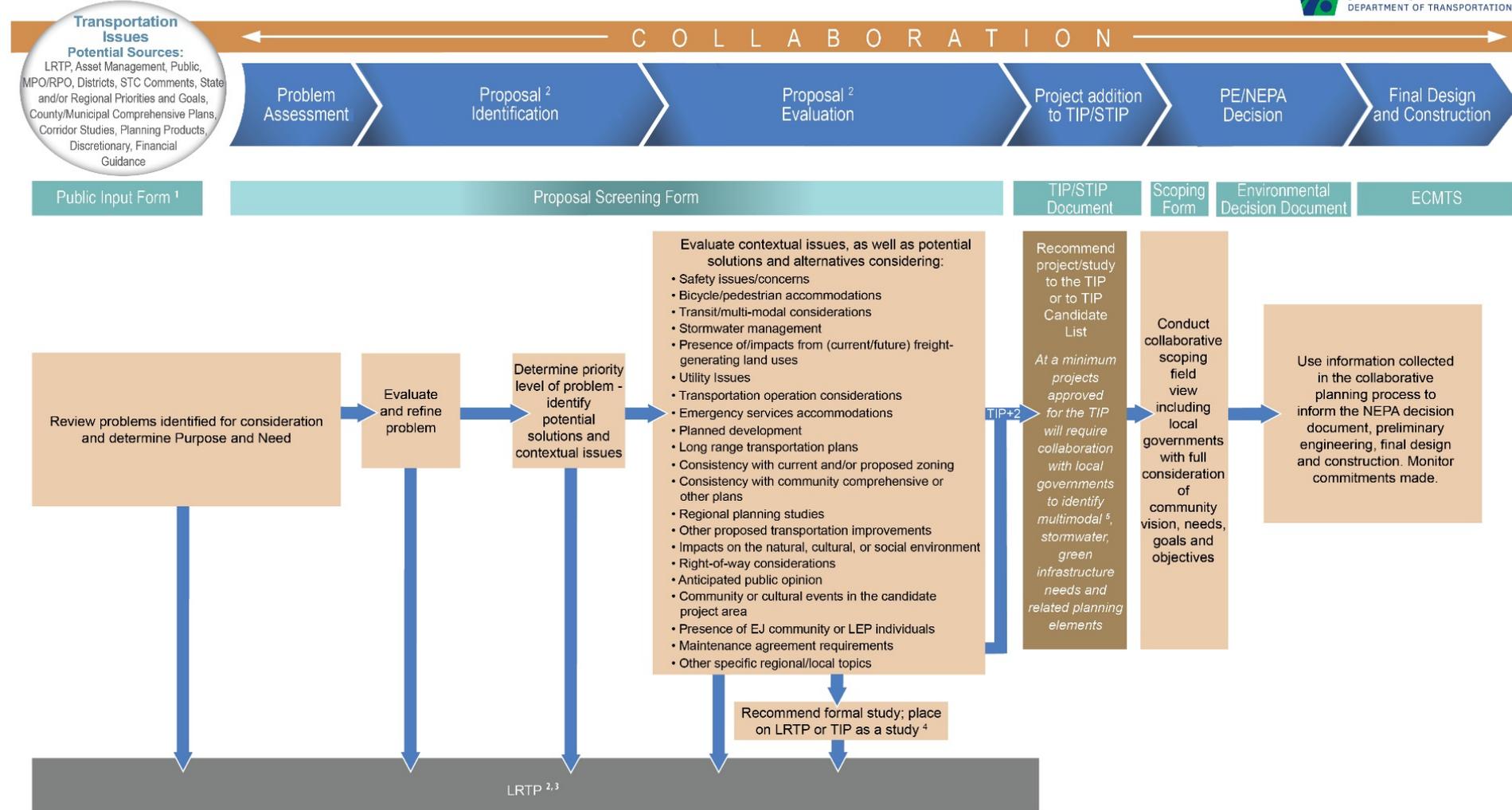
<b>Task</b>	<b>Estimated Number</b>
Steering Committee Meetings	8
Municipal Outreach	33
Half-Day Training	24
Recorded Training In Hours	9
In Person Tech Assist	48
Other Tech Assist	200
Brochures (Electronic Only)	3
Tech Sheet	6
Newsletter (Electronic Only)	8
Evaluation Reports (2 per year)	4
Statewide Meetings and Speaking Engagements	8

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# Planning and Engineering

## Transportation Program Development and Project Delivery Process

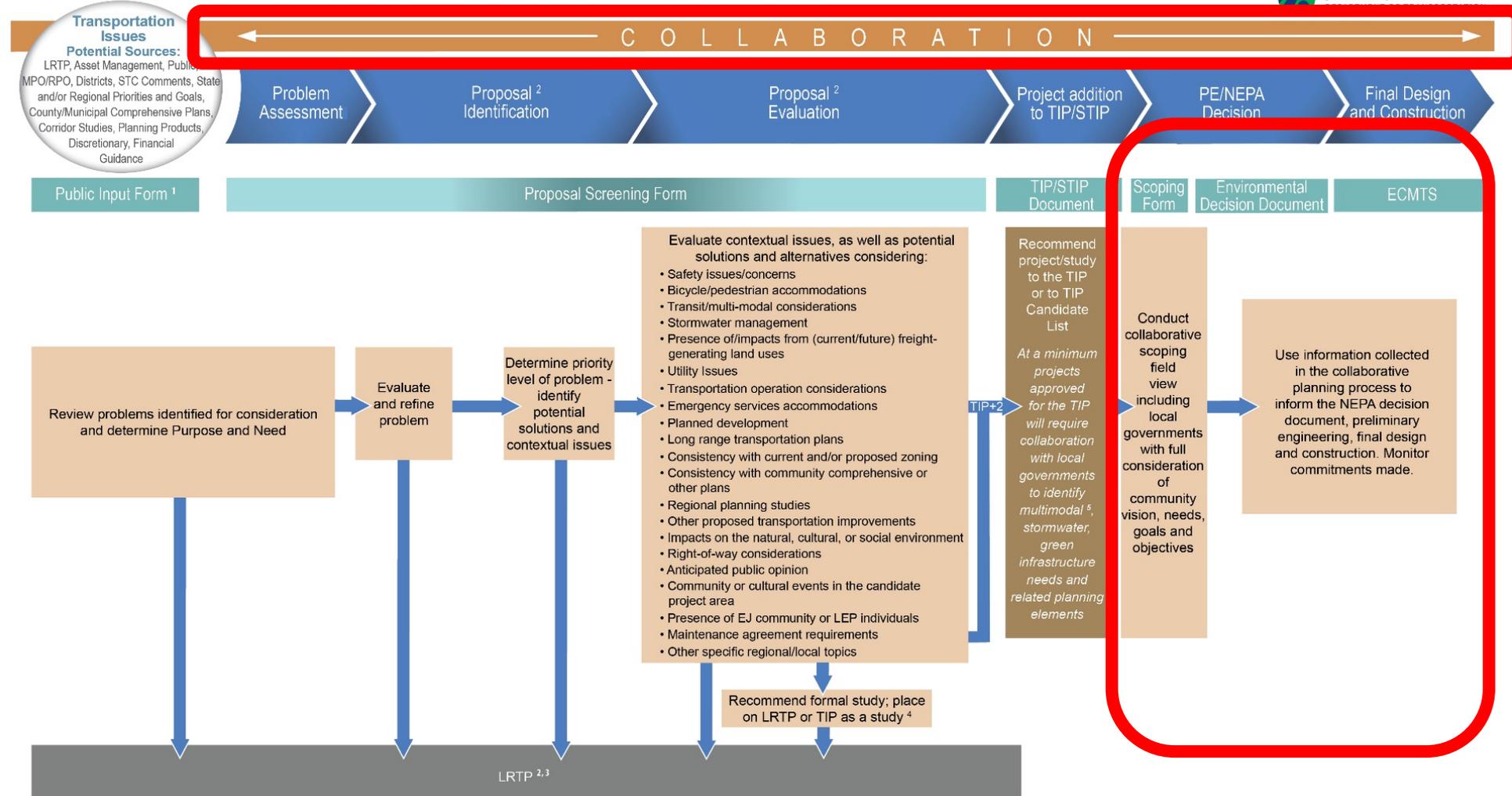


**Footnotes:**

1. Not required for all proposals.
2. PennDOT and the MPO/RPO may jointly decide to dismiss a proposal at any time if the proposal is determined to be a routine maintenance project or not feasible due to constructability issues.
3. Projects may also be deferred to the LRTP Candidate List or illustrative list.
4. Studies can also be funded through the Unified Planning Work Program (UPWP).
5. Multimodal includes highway, public transit, aviation, rail, freight, and bicycle and pedestrian facilities.

# Planning and Engineering

## Transportation Program Development and Project Delivery Process



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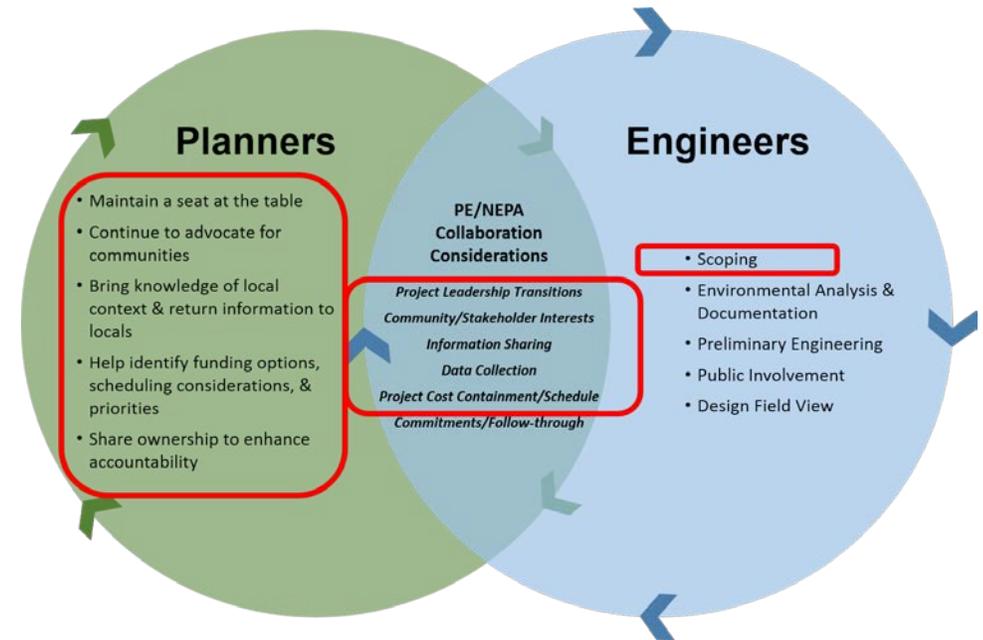
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# Scoping

## Collaboration Possibilities

The Scoping Field View is a proactive, on-site review of the project among team members and key stakeholders.

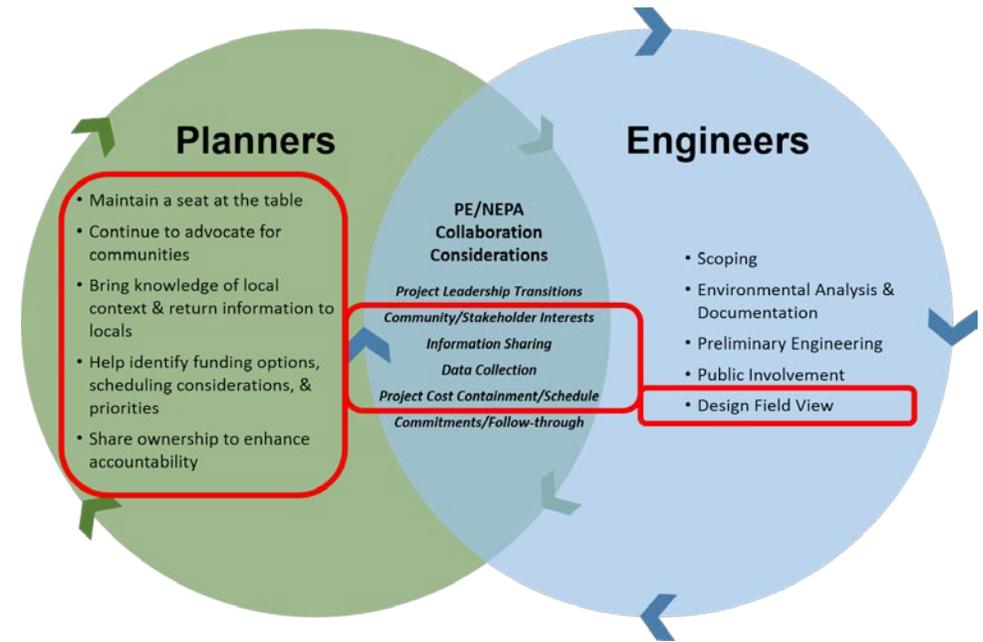
- Assemble scoping team
- Obtain stakeholders' perspectives
- Engage Planner to represent community priorities
- Maximize local in-depth knowledge of environmental issues (e.g., property owners, etc.)



# Design Field View

## Collaboration Possibilities

- Review Preliminary Engineering commitments (PIF/NEPA).
- Participate in the Design Field View, if beneficial.
- Address municipal agreements (sidewalks, maintenance, etc.).
- Address agencies' involvement.
- Address utilities' involvement.



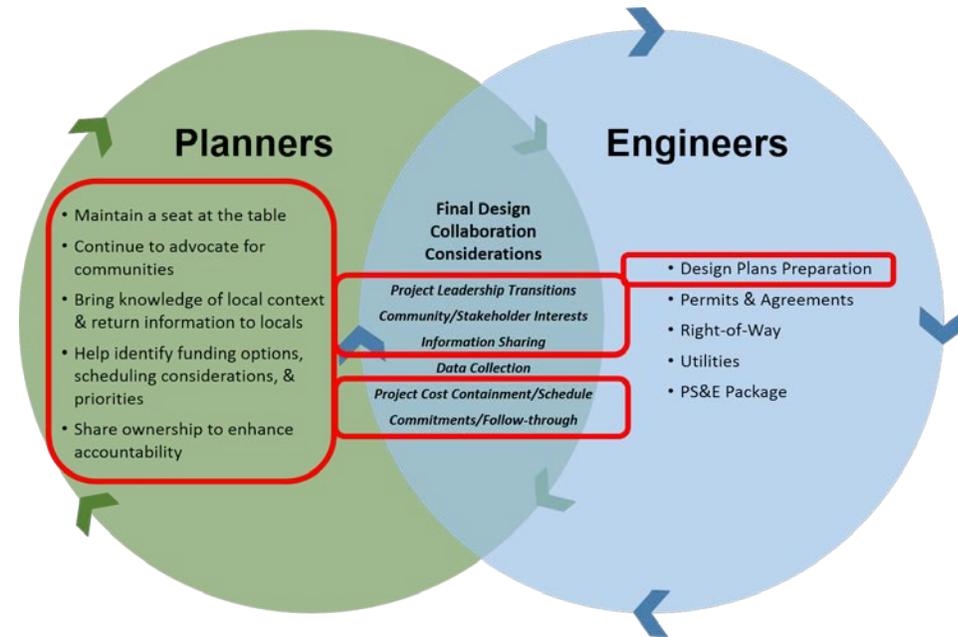
# Final Design: Avoiding Re-work



# Design Plan Preparation

## Collaboration Possibilities

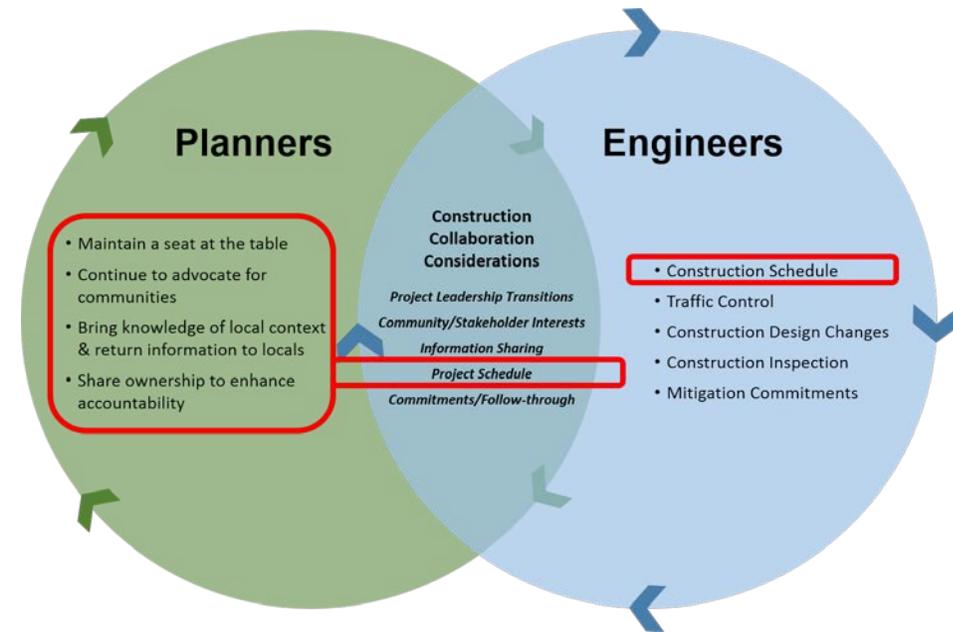
- Review/confirm Final Design commitments (NEPA).
- Engage public officials, resource agencies, and the public to resolve PE and/or new issues.
- Address design details as they relate to prior PIF commitments.



# Construction Schedule

## Collaboration Possibilities

- Communicate the initial project schedule for community awareness.
- Update key community interests if project schedule changes occur.
- Update the community in the spring of each construction year.



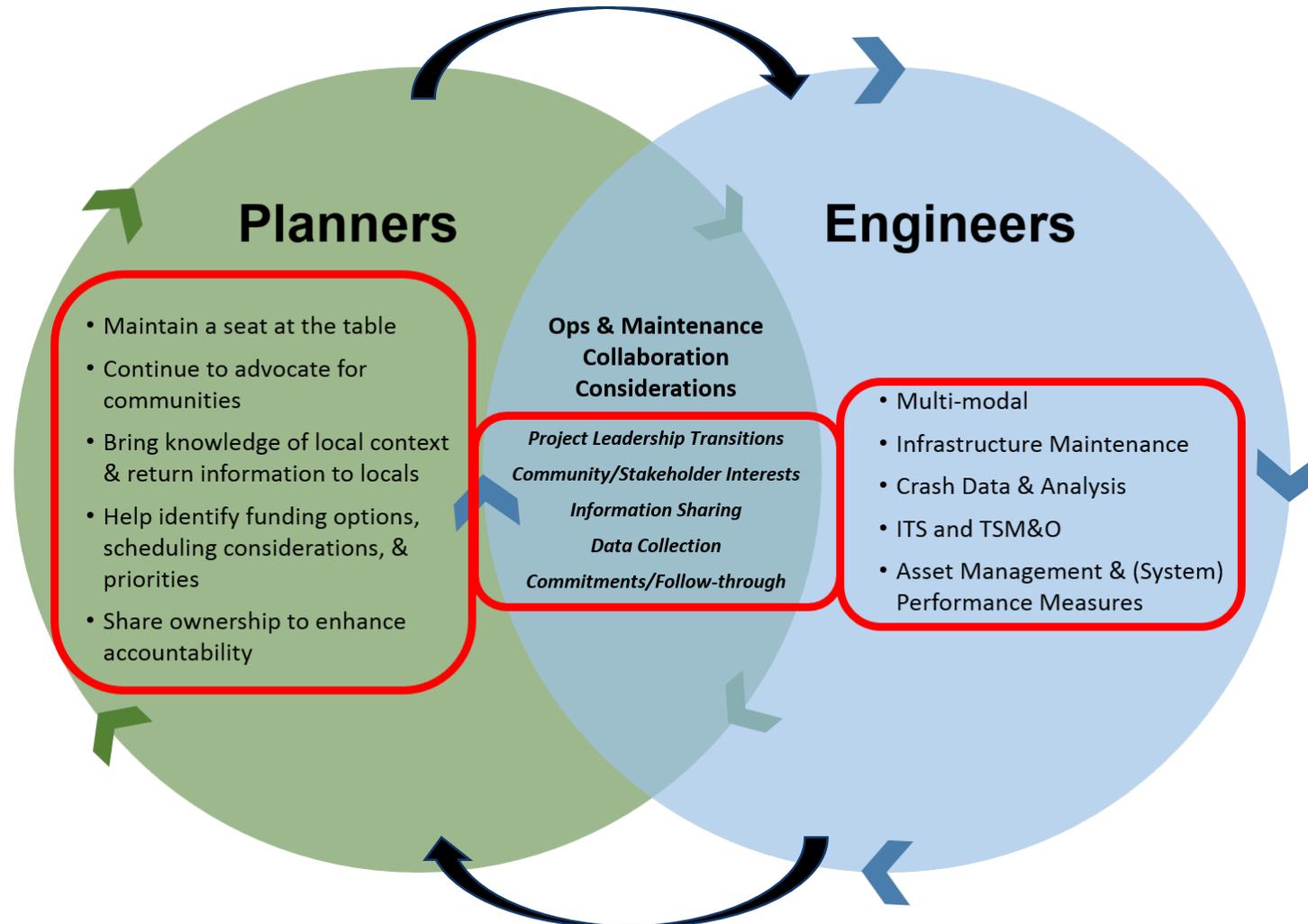
# Operations & Maintenance Collaboration

## Collaboration Possibilities (System Performance Monitoring)

- Review system performance evaluations/data.
- Share asset management and performance measures to identify potential infrastructure improvement projects to inform the LRTP and TIP processes.
- Collaborate on crash data to identify areas where safety may be enhanced by transportation improvements.
- Consider community level performance data (e.g., bike/ped) that may impact future maintenance decisions and system performance, including future project modeling or forecasting, to the Engineers.
- Obtain input regarding community/county work programs (e.g., bike/ped).
- Collaborate on operational/safety audits.

# Operations & Maintenance Collaboration

## Collaboration Possibilities (System Performance Monitoring)



# What does that mean for Engineers?

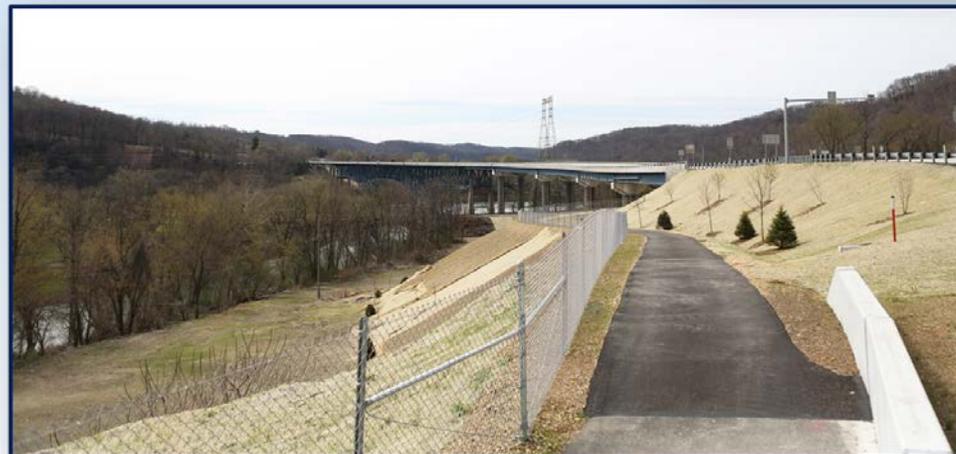
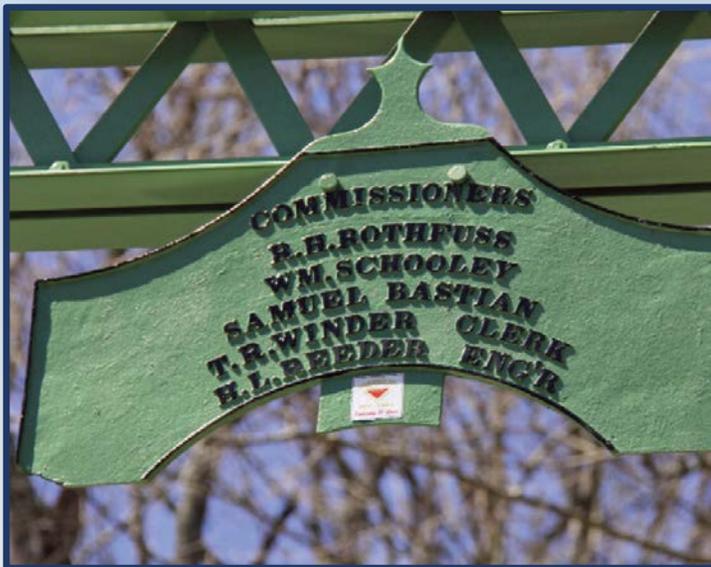
- **Local Input into Scopes of Work**
- **Early relationship with the Community**
- **Potential issues address at On-Set**
  - **Less Conflicts through Delivery?**
  - **Fewer Design Changes in Delivery?**
  - **More Efficient Project Delivery?**

# What does that mean for Engineers?

- **Understand the Community Issues**
- **Consider the Issues Throughout Delivery**
- **Continue Collaboration**
  - **As decisions are made**
  - **As the design is refined**
  - **Especially if conditions change!**

# Opportunities for Communities

- **Better Relationships**
  - **PennDOT Who?**
  - **We're more than "Potholes"!**





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**QUESTIONS / COMMENTS**

*Thank You*