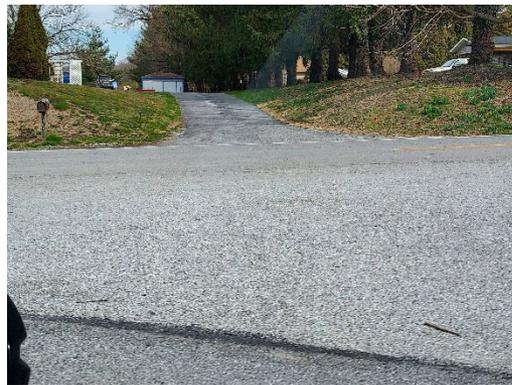


# SR 41 Transportation Study and Corridor Improvement Plan



*Task Force Meeting #1 – Kick-off*  
*5/3/23*



# Agenda

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- **Introductions**
  - Vision Partnership Program (VPP)
- **Project Overview**
  - Scope and Deliverables
  - Schedule
  - Role of the Task Force
- **Background**
  - Study Area
  - Landscapes<sup>3</sup> Areas
  - Relevant Plans and Studies
  - PennDOT Plans and Projects
  - Ongoing Projects
- **Existing Conditions**
  - Functional Class and Traffic Volumes
  - Safety and Crash Data
  - Vision
  - Key Issues
- **Next Steps**
  - Task Force Meeting #2: Visioning, Discussion of Current Corridor Projects and Additional Improvements
  - Public Workshop

# Project Overview

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## Transportation Study and Corridor Improvement Plan

### Cost and Funding: \$75,690

- \$45,000 Chester County Vision Partnership Program (VPP) Grant
- \$13,500 Regional Funds
- \$17,190 Private Funds

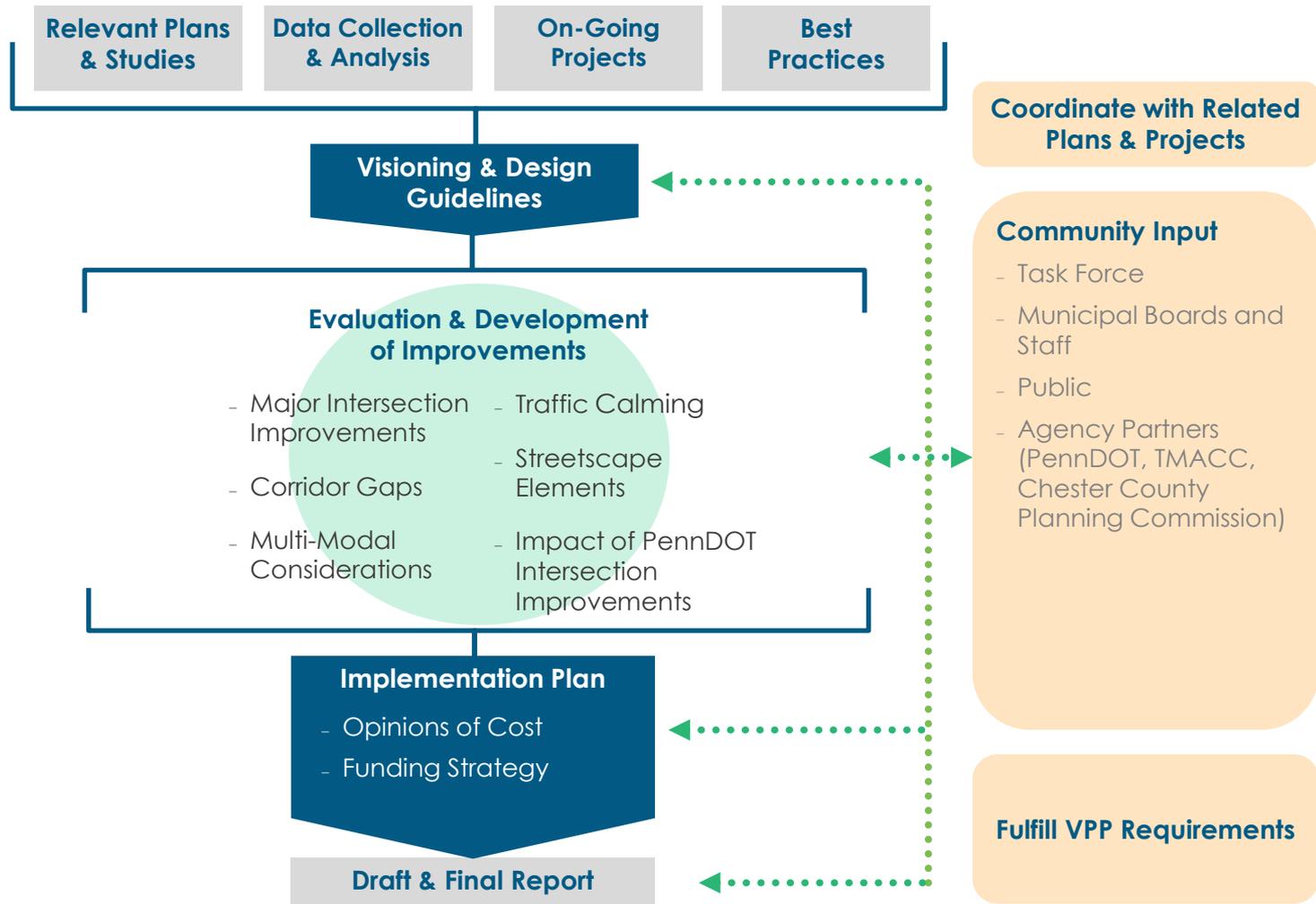
### Timeline: 12 months

- VPP Deadline for Completion and Acceptance: July 31, 2024

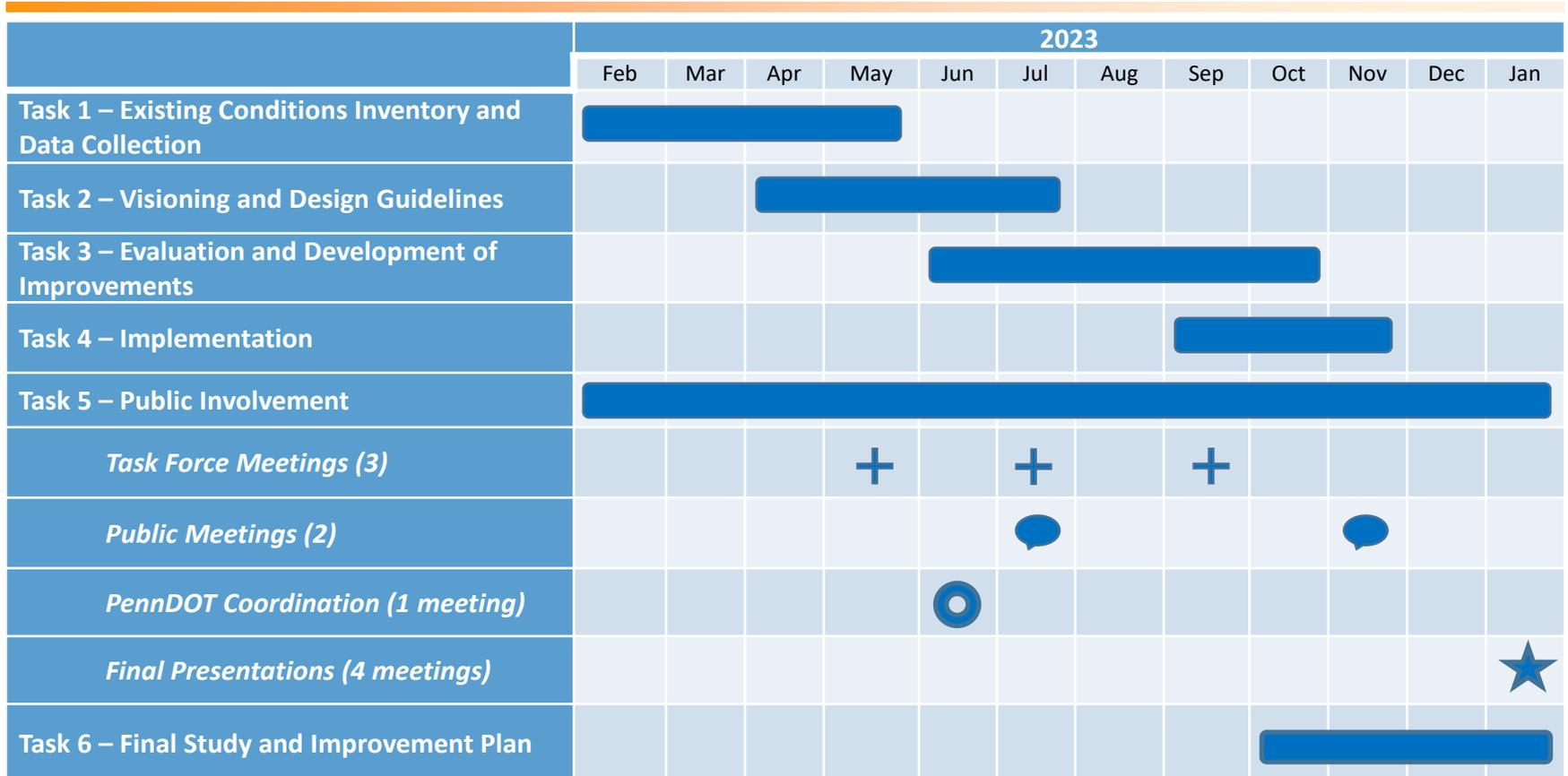
### Consultant Team:

- McMahon, a Bowman company

# Project Scope and Deliverables



# Schedule

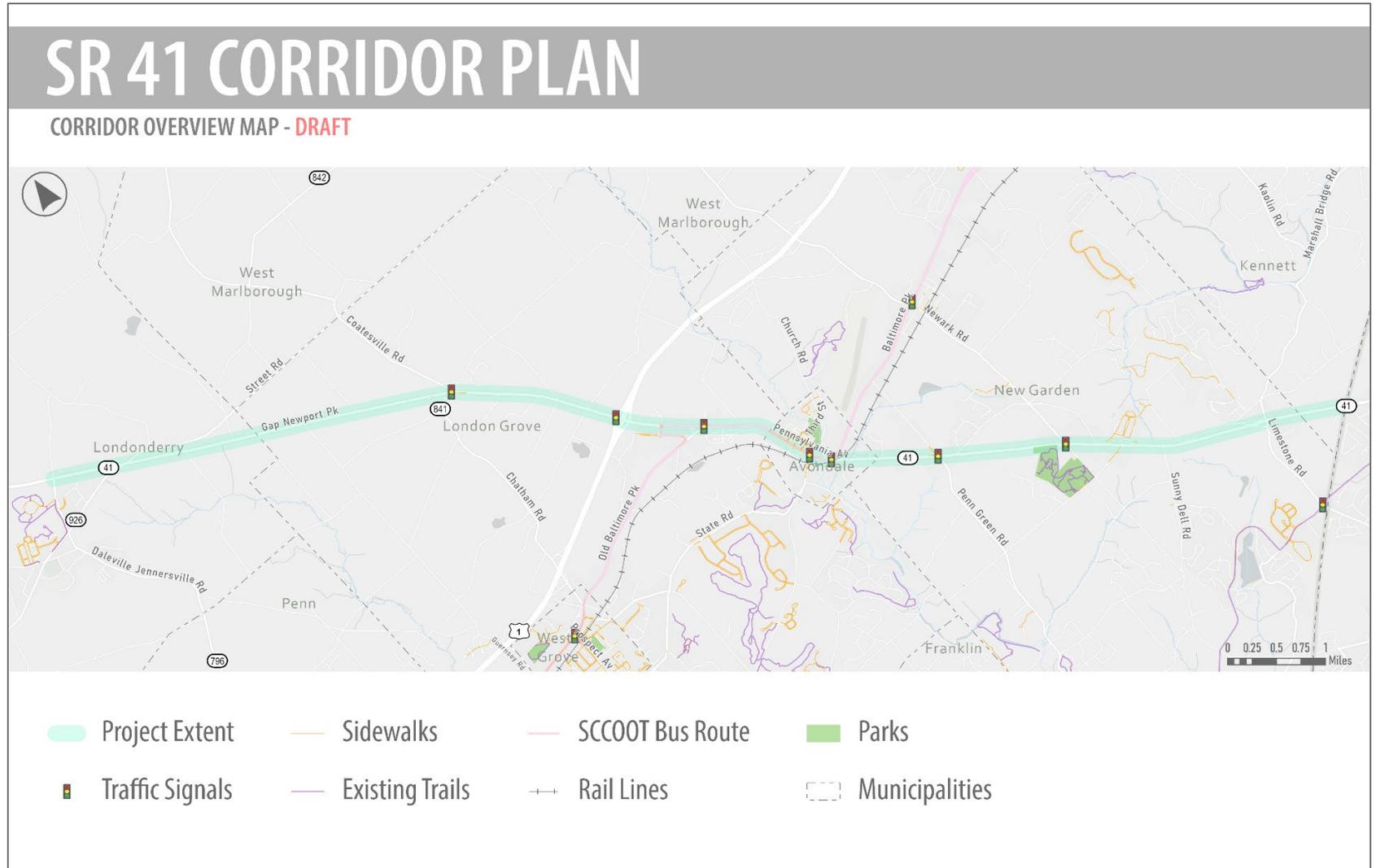


# Role of the Task Force

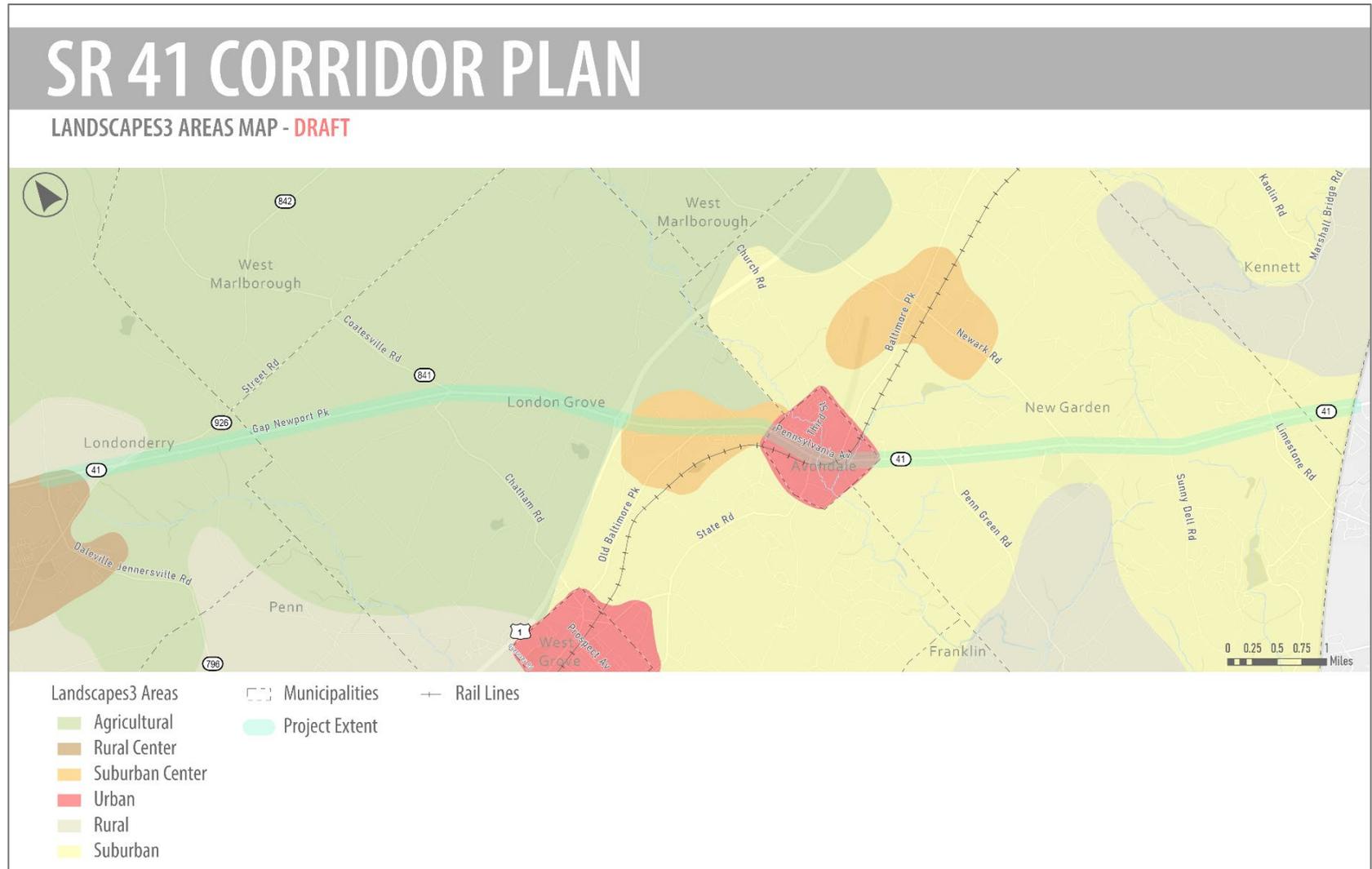
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- **Identify Key Stakeholders**
- **Meeting format discussion – Virtual / Zoom meetings**
- **Guide the planning process and provide input to the consultant team**
  - Three Task Force meetings
  - Coordination between meetings will be conducted via email
- **Assist with additional stakeholder and public involvement activities**
  - Two public meetings
  - One presentation of the Study and Improvement Plan to the Board of each participating municipality
- **Review and provide comments on draft deliverables**
- **Provide updates on the project to other municipal committees, groups, and organizations**

# Background – Study Area Overview Map



# Background – Landscapes3 Area Map

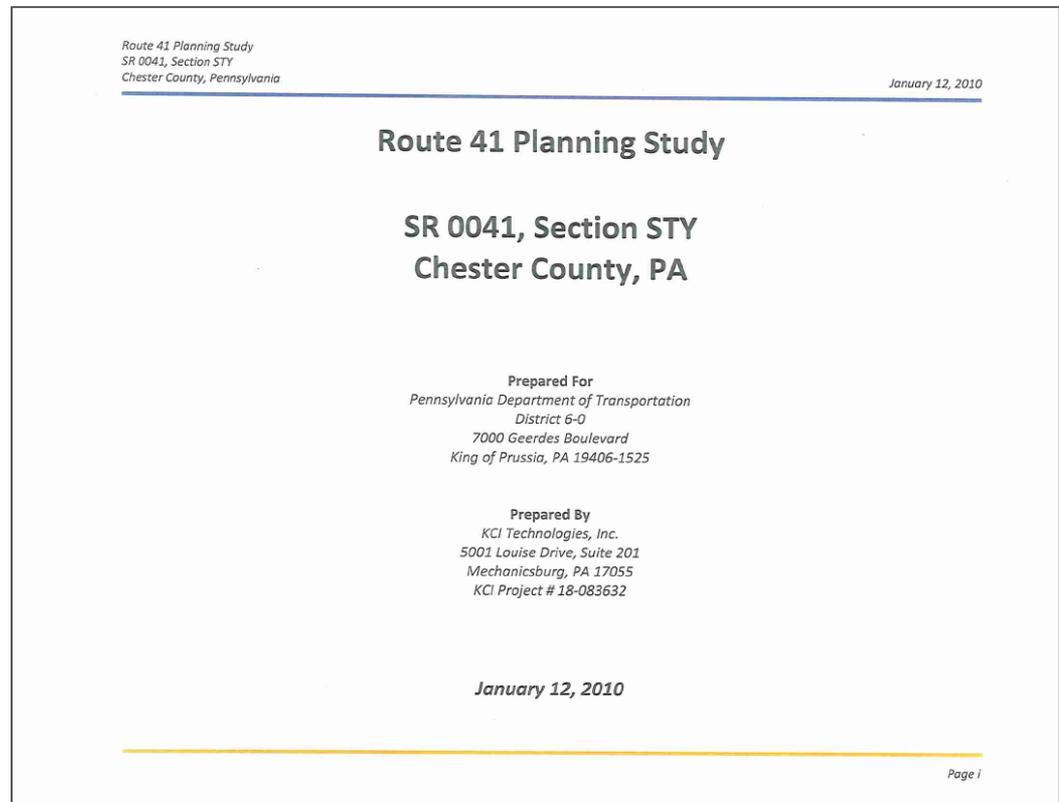


# Background – PennDOT Plans and Projects

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## **PennDOT Studies**

- PA 41 Needs Study (1994)
- Preliminary Alternatives Analysis (1999)
- Route 41 Planning Study (2010)
- Conceptual Improvement Plan (2013)
- PA 41 Intersections Study (2014)
- PA 41 and PA 841 Planning Study (2015)



# Background – County and Regional Plans

**2021 · CHESTER COUNTY, PENNSYLVANIA**

## Transportation Priority Projects

**CHESTER COUNTY, PENNSYLVANIA**

## Complete Streets Policy

A policy to develop an integrated and connected multimodal transportation system of Complete Streets that serve all neighborhoods and populations in Chester County.

### Baltimore Pike for Everyone

Complete Street Strategies for Baltimore Pike  
Chester County, Pennsylvania

### Southern Chester County Circuit Trail

Feasibility Study  
2021

### Kennett Area Freight Transportation Study

NOVEMBER 2019  
dvrpc DELAWARE VALLEY REGIONAL PLANNING COMMISSION

**Landscapes**  
Chester County Comprehensive Plan

**PROTECT**

**APPRECIATE**

**LIVE**

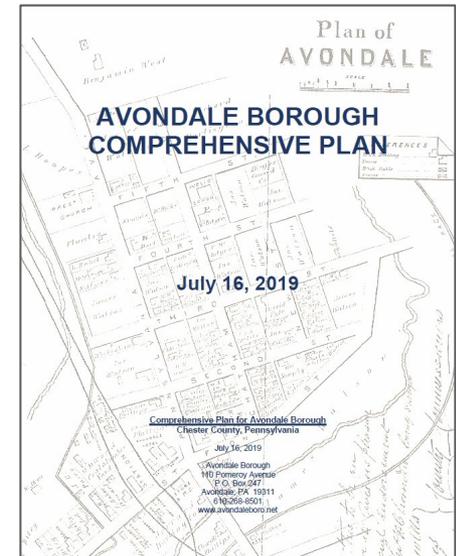
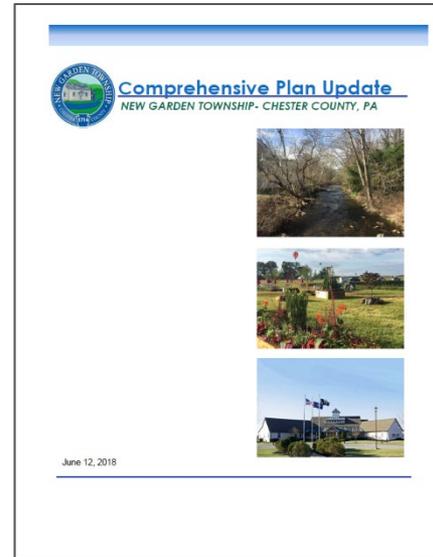
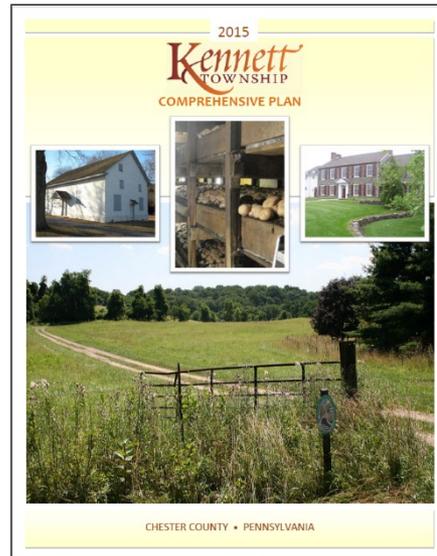
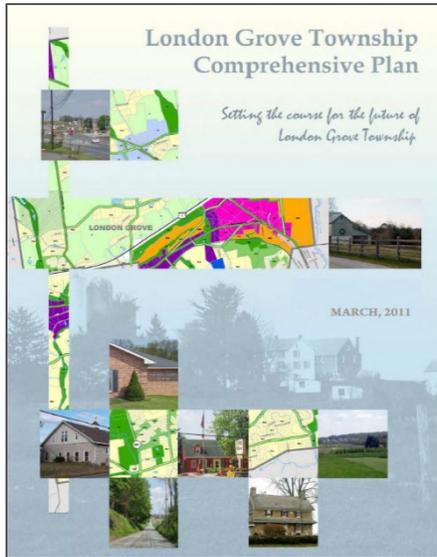
**PROSPER**

**CONNECT**

How We CONNECT

APR 10, 2021

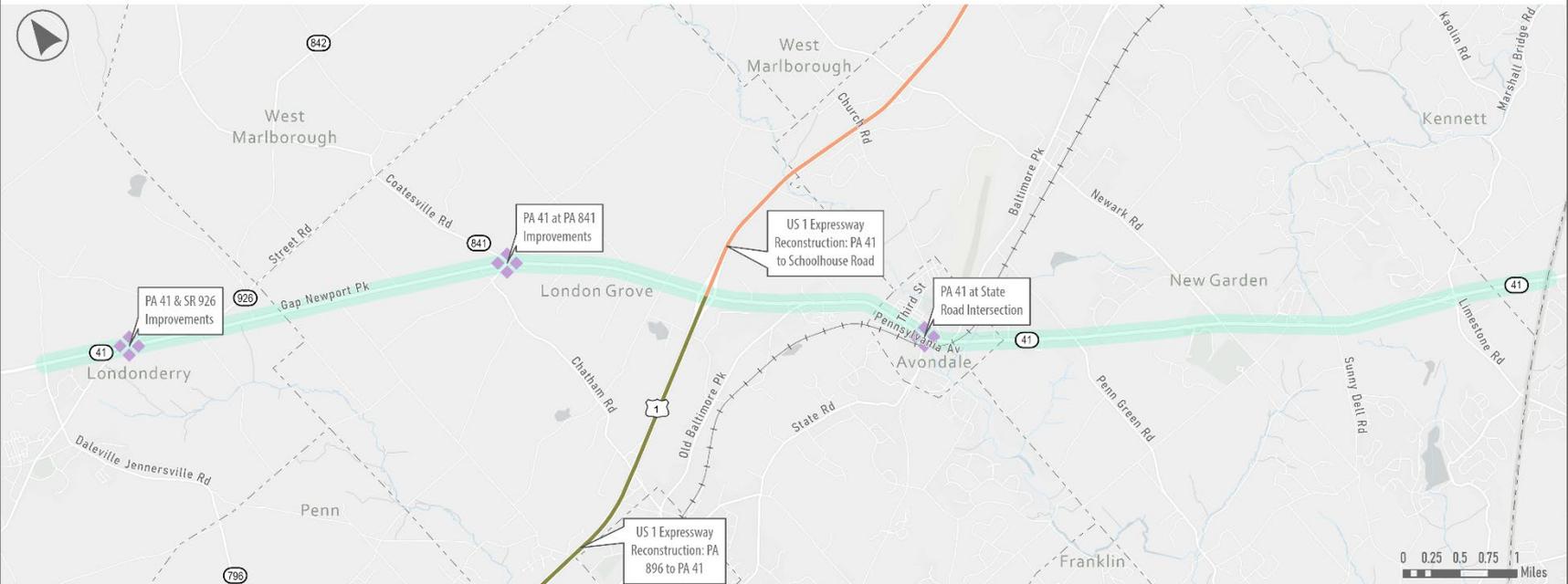
# Background – Municipal Comprehensive Plans



# Background – PennDOT Plans and Projects

## SR 41 CORRIDOR PLAN

TIP PROJECTS MAP - DRAFT



-  TIP Project Locations
-  Rail Lines
-  Municipalities
-  Project Extent

# Background – PennDOT Plans and Projects

## PA 926 Intersection (Londonderry)

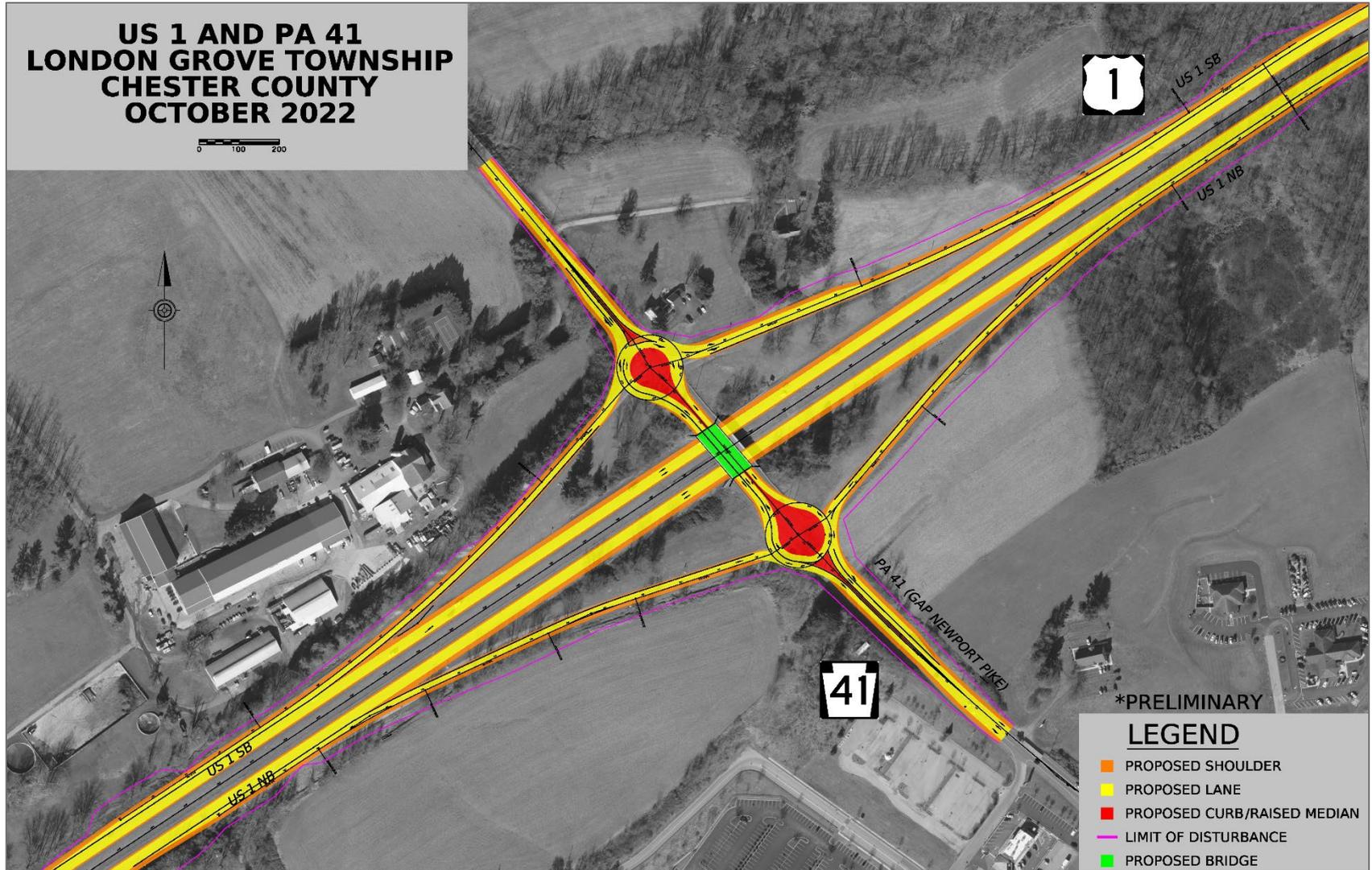
ALTERNATIVE 3  
SR 0041/SR 0926  
CHESTER COUNTY  
REVISED OCTOBER 2019

SCALE  
0 50 100 FEET



# Background – PennDOT Plans and Projects

## US 1 Interchange (London Grove)



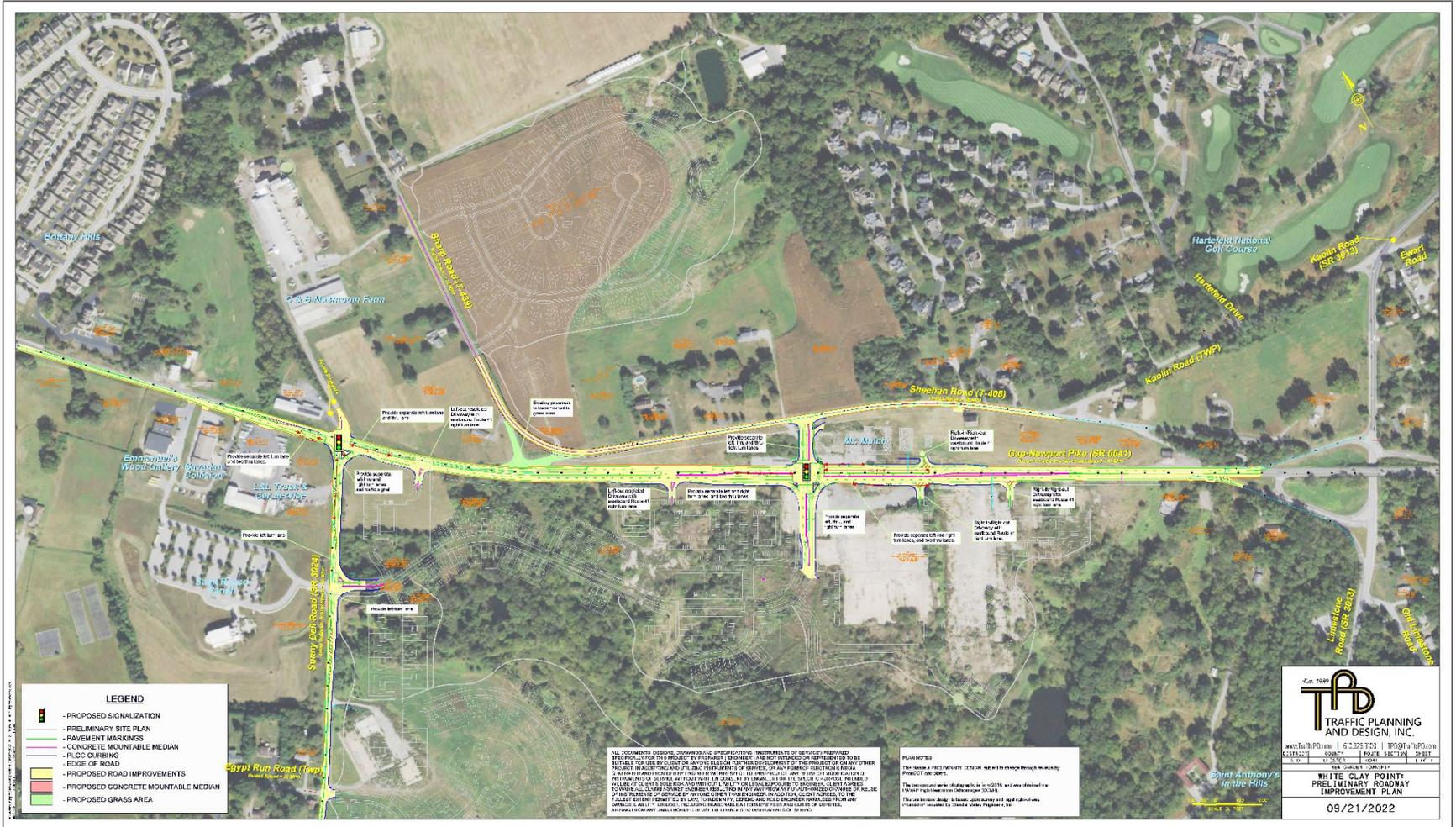
# Background – Ongoing Projects

## Pennsylvania Ave Bridge over White Clay Creek (Avondale)

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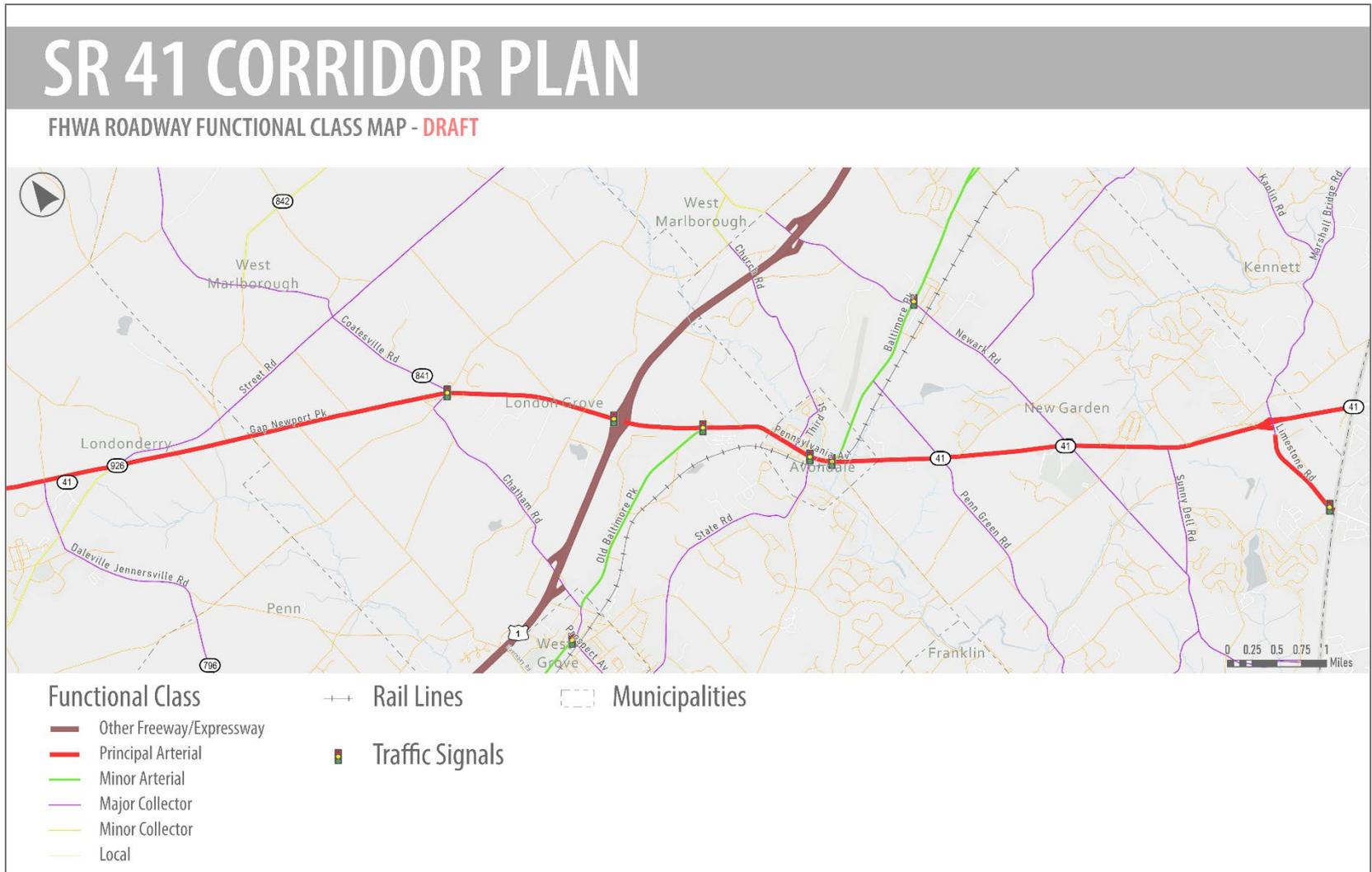


# Background – Ongoing Projects White Clay Point (New Garden)



# Existing Conditions

## Functional Class

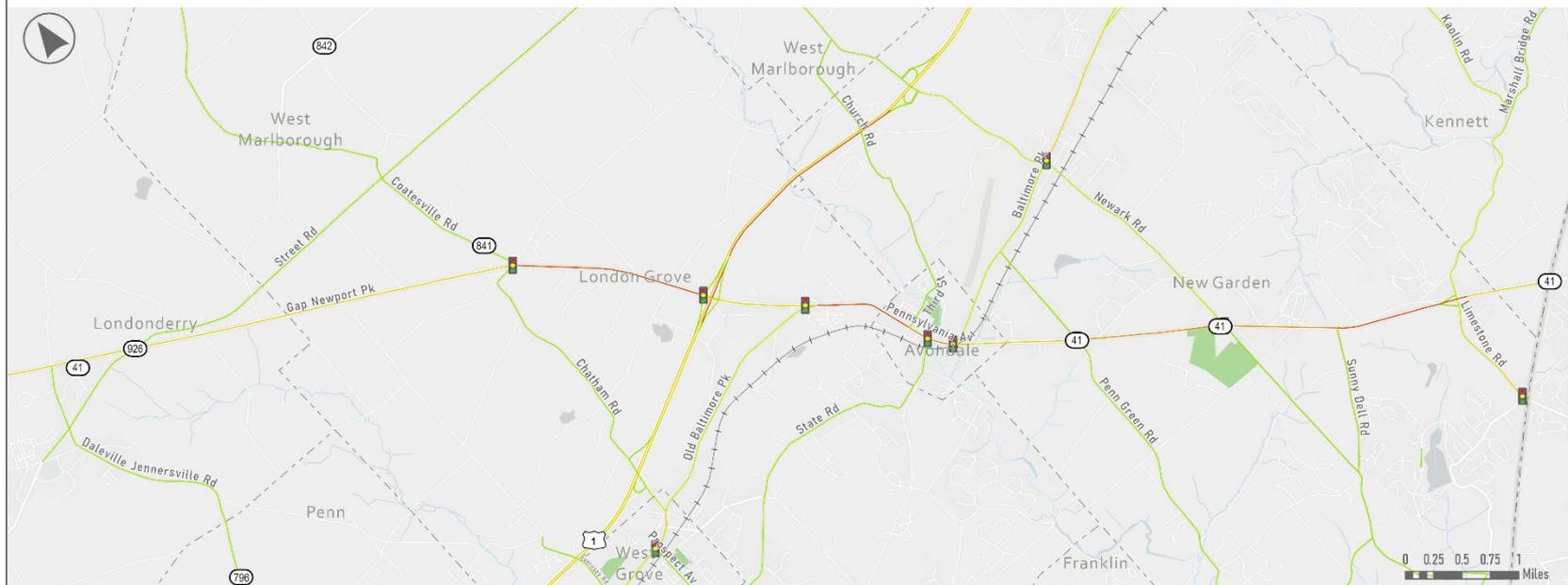


# Existing Conditions

## Traffic Volumes

### SR 41 CORRIDOR PLAN

AVERAGE ANNUAL DAILY TRAFFIC (AADT) MAP - DRAFT



Average Annual Daily Traffic

- 2 - 1,000
- 1,001 - 5,000
- 5,001 - 10,000
- 10,001 - 15,000
- 15,001 - 20,000
- 20,001 - 25,000

—+— Rail Lines

🚦 Traffic Signals

▭ Municipalities

■ Parks

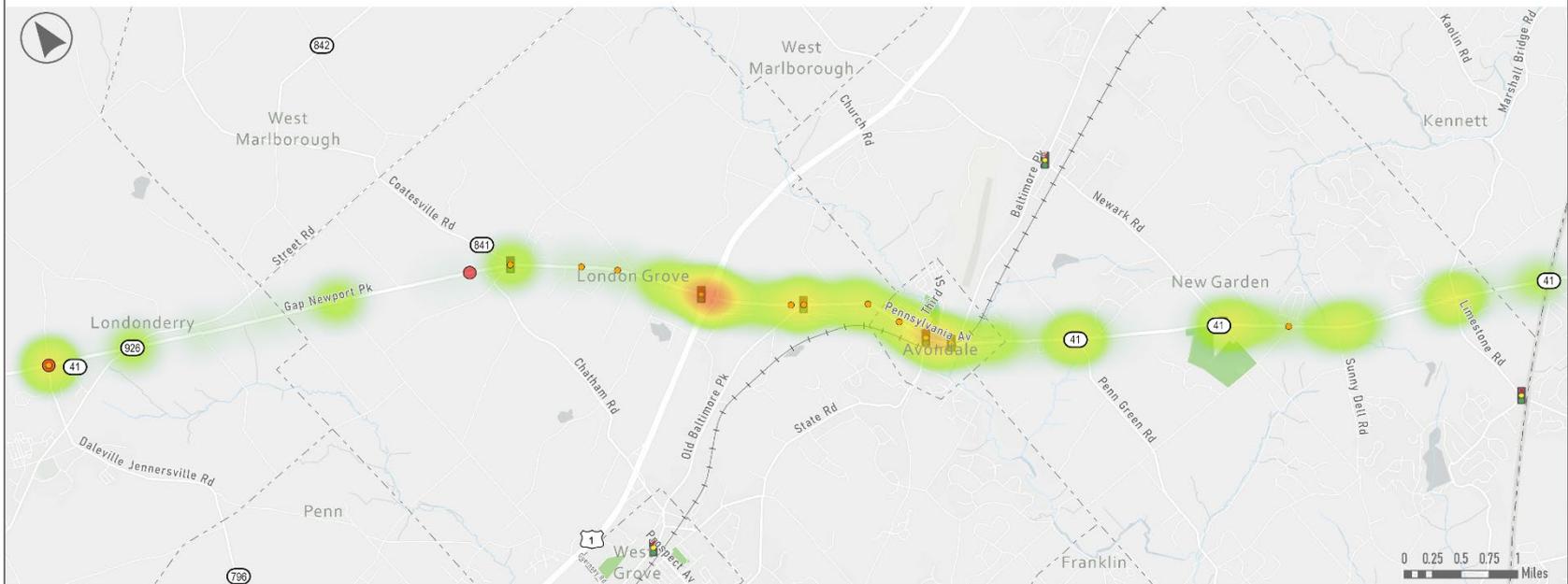


# Existing Conditions

## Safety and Crash Data

### SR 41 CORRIDOR PLAN

REPORTABLE CRASHES (2018-2022) MAP - DRAFT



- Fatal Injury
- Suspected Serious Injury
- 🚦 Traffic Signals
- 🌳 Parks
- ⚓ Rail Lines
- ⬜ Municipalities

# Existing Conditions

## *Vision*

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Clarify and refine the vision for the Corridor:

- Establish roadway design guidelines.
- What typographies exist along corridor? Where are the boundaries?
- What pedestrian and bicycle accommodation should be considered?
- What streetscape elements, green infrastructure, and traffic calming measures are desired?
- Are there other corridor needs that need to be addressed with transportation-related solutions?

# Existing Conditions - Transportation

## *Key Issues*

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### How to:

- Reduce congestion and improve safety
  - Intersection improvements and roundabouts
  - Additional turning and travel lanes
  - Access management
  - Speed control
  - New connections
  
- Accommodate pedestrians and bicyclists
  - Sidewalks
  - Off-road paths/trails
  - Parallel
  
- Transition between roadway typographies.

## Next Steps

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- Finalize Existing Conditions Inventory
- Begin Visioning and Design Guidelines
  - Task Force Meeting #2: (about July or August)
- Public Meeting # 1: TBD
- PennDOT Coordination Meeting: TBD

# Questions

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484.872.2273

