



Route 46 Bridges over Route 17 Concept Development

Public Information Center

October 21, 2024 through October 31, 2024

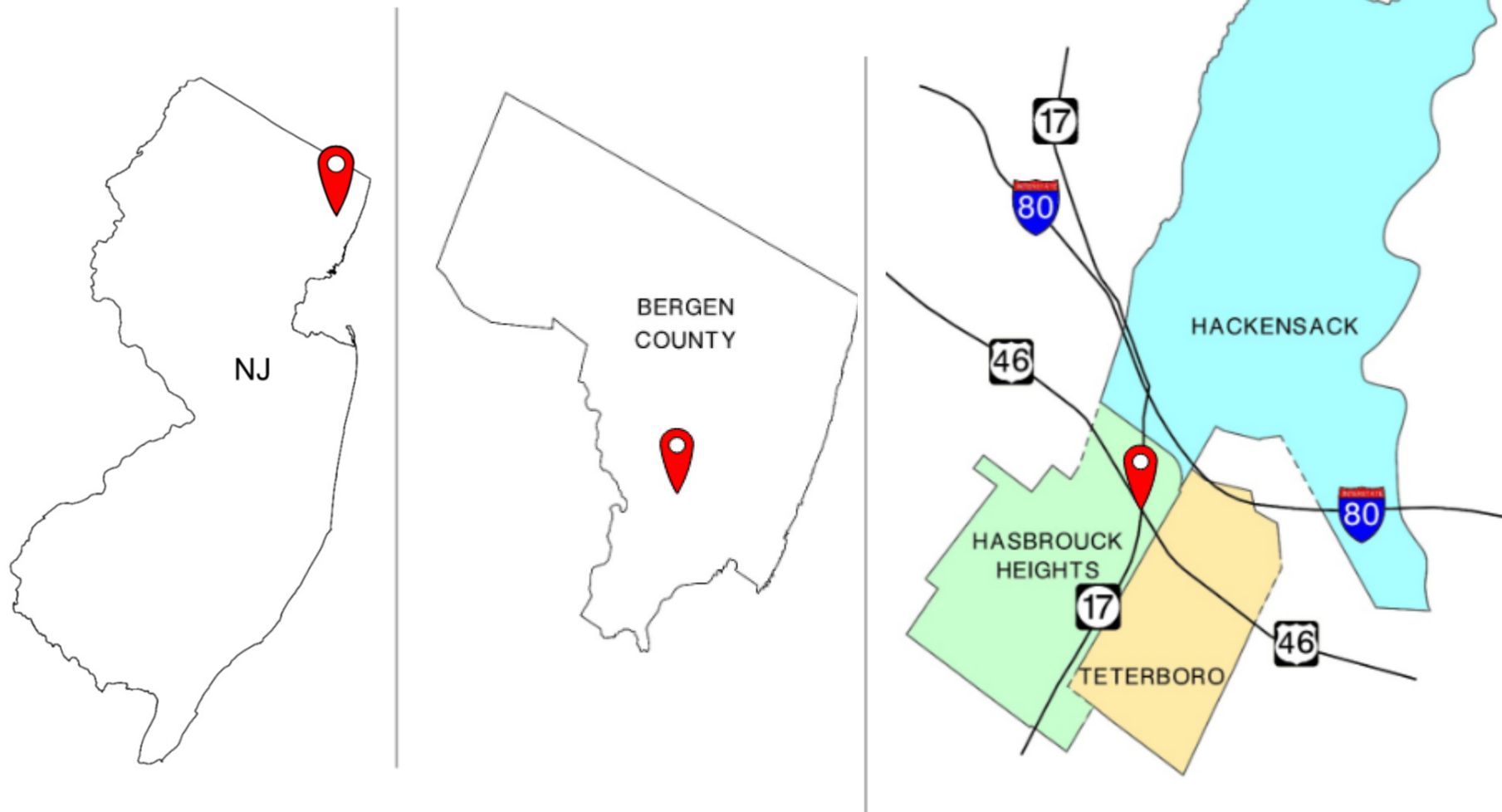


NEW JERSEY DEPARTMENT
OF TRANSPORTATION

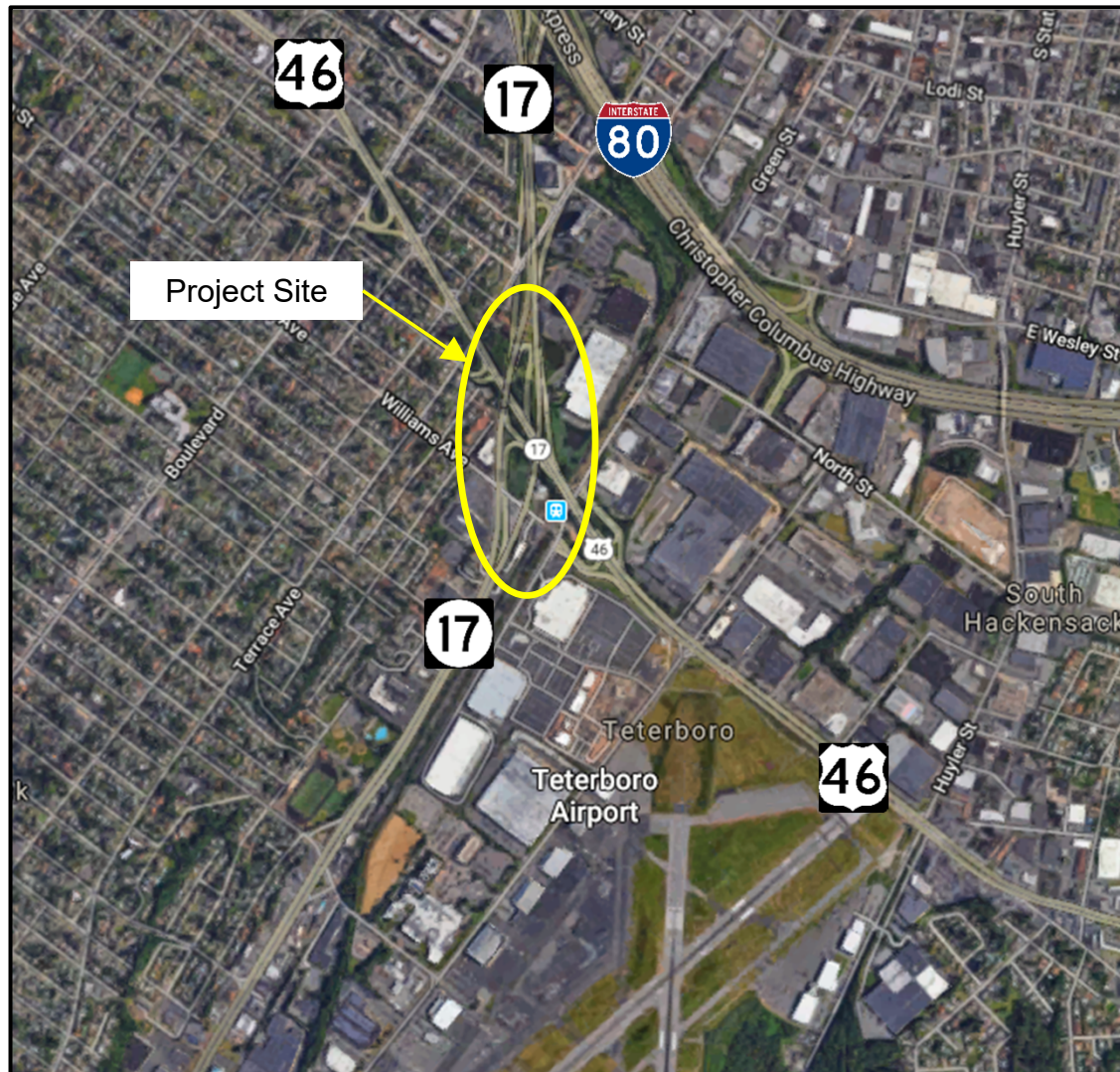
Agenda

1. **Project Overview**
2. **Project Purpose & Need**
3. **Preliminary Preferred Alternative (PPA)**
4. **Estimated Project Schedule**
5. **Feedback**

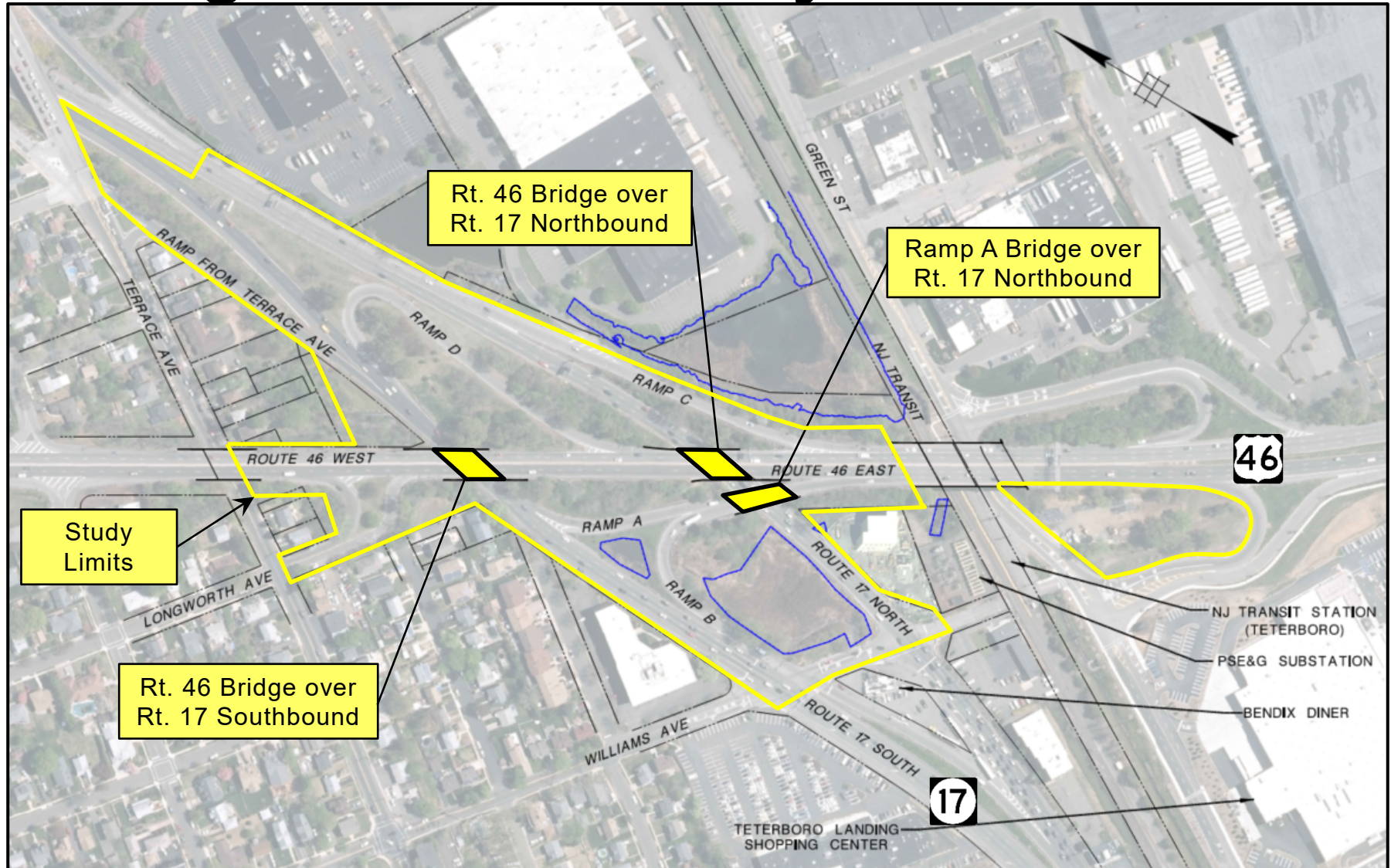
Project Location



Project Site Map



Background and Study Limits



Existing Bridge Information

Route 46 Bridge over Route 17 SB (Str. 0221-151)

- Built in 1936
- Functionally Obsolete and Structurally Deficient
- Recommendation: Remove and Replace



Existing Bridge Information

Route 46 Bridge over Route 17 NB (Str. 0221-152)

- Built in 1936
- Functionally Obsolete and Structurally Deficient
- Recommendation: Remove and Replace



Existing Bridge Information

Ramp A Bridge over Route 17 NB (Str. 0213-150)

- Built in 1964
- Functionally Obsolete due to lateral clearance
- Structurally Deficient due to poor condition of deck concrete
- Recommendation: Replace Deck



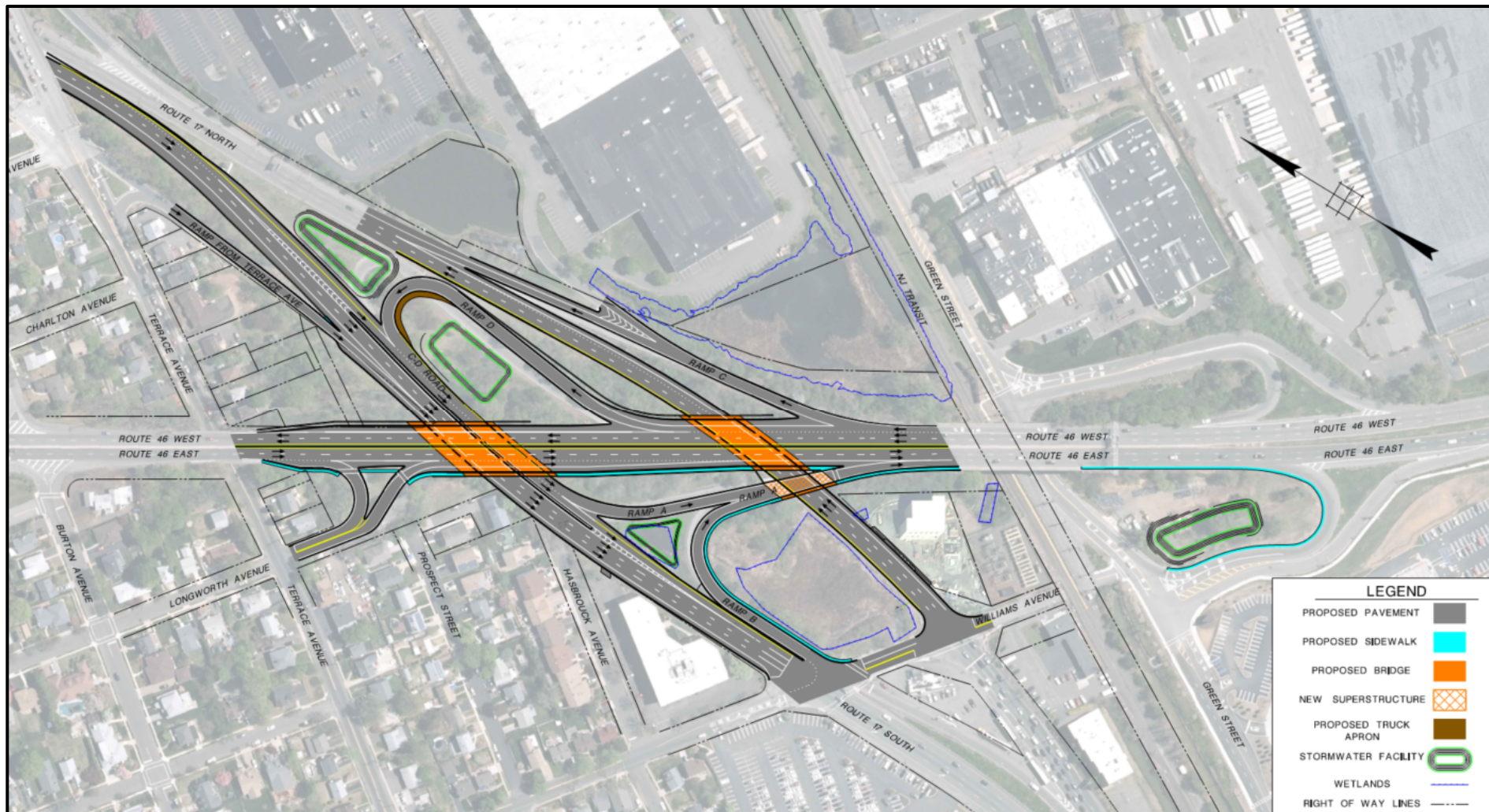
Purpose and Need

The purpose of the Route 46 Bridges over Route 17 project is to rehabilitate or replace the three existing structurally deficient Route 46 Mainline and Ramp Bridges over Route 17 Northbound and Southbound and address safety and traffic operational improvements within the project limits.

Goals and Objectives

- **Address traffic congestion within the study limits.**
- **Minimize or eliminate substandard design elements.**
- **Minimize impacts to vehicular and pedestrian traffic during construction.**
- **Upgrade pedestrian and bicycle facilities to be ADA compliant.**
- **Minimize impacts to right-of-way, utilities and the environment.**
- **Address County, Municipality, and stakeholder concerns.**

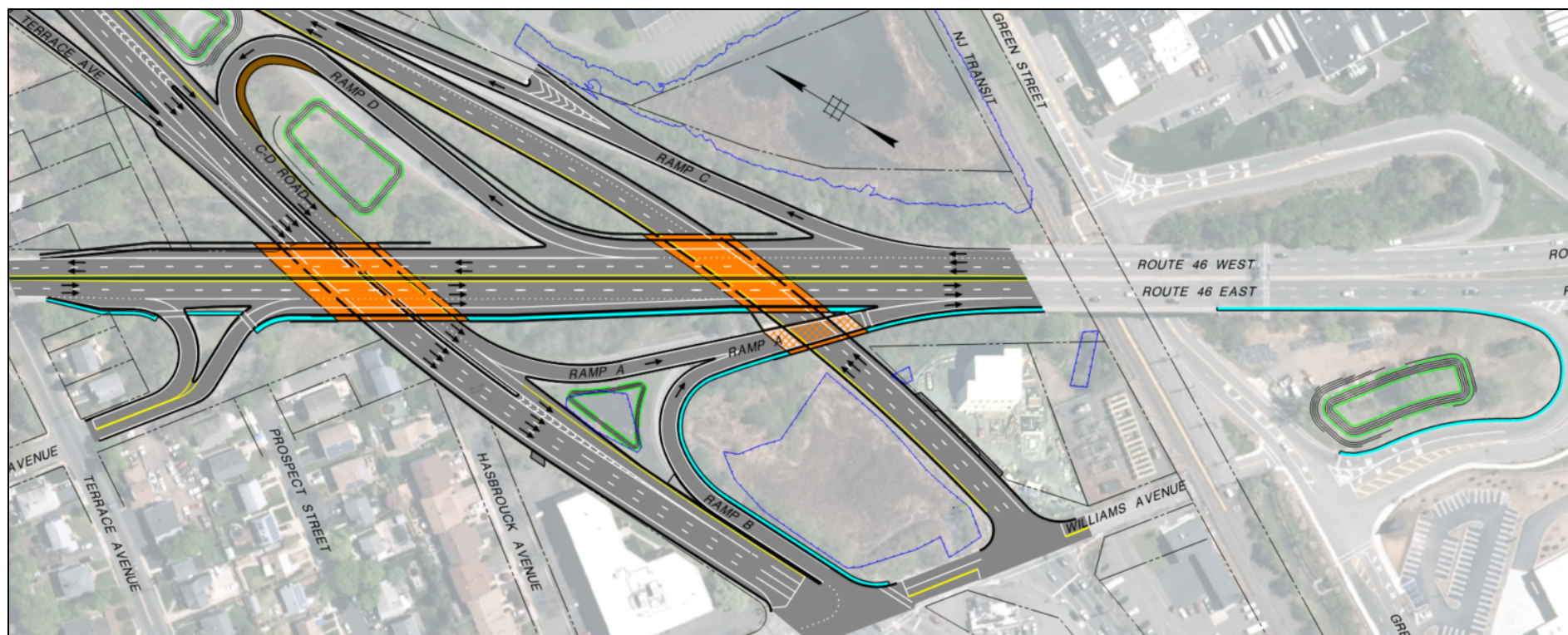
Preliminary Preferred Alternative



Preliminary Preferred Alternative

Route 46 Improvements

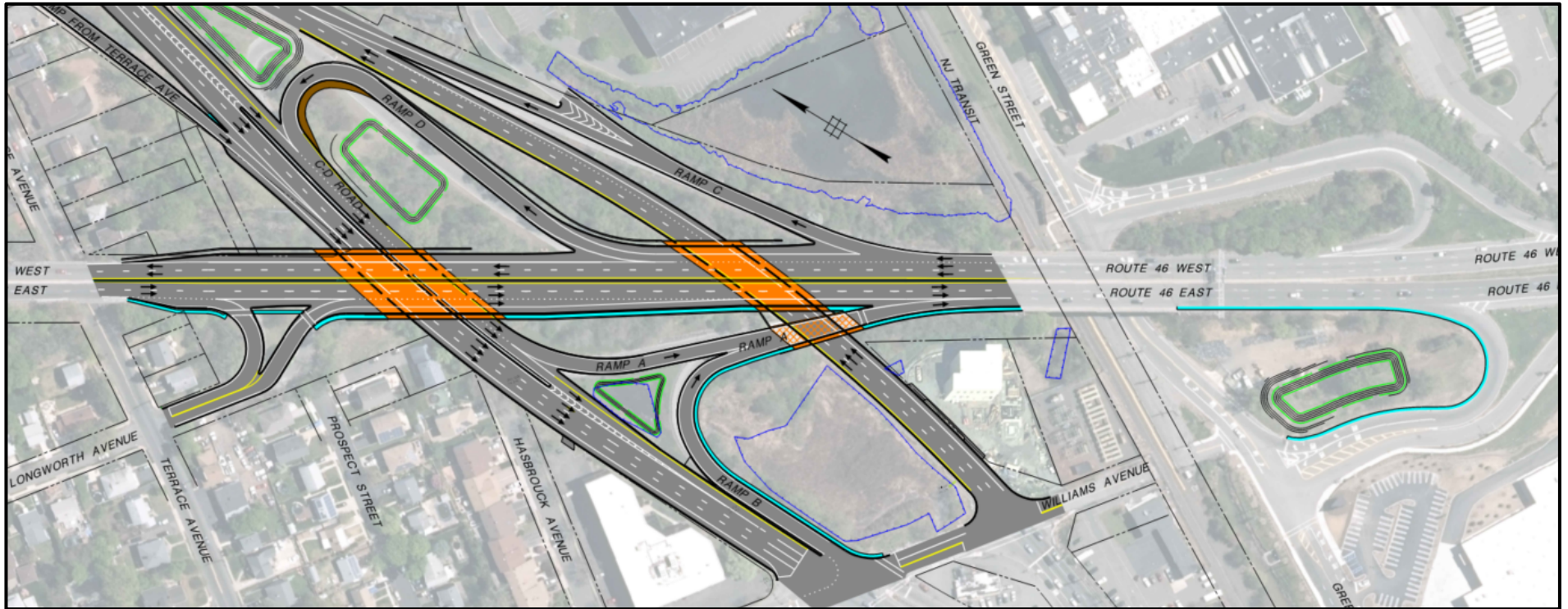
- Wider Shoulders
- Acceleration and Deceleration Lanes
- New Sidewalk



Preliminary Preferred Alternative

Interchange Ramp Improvements

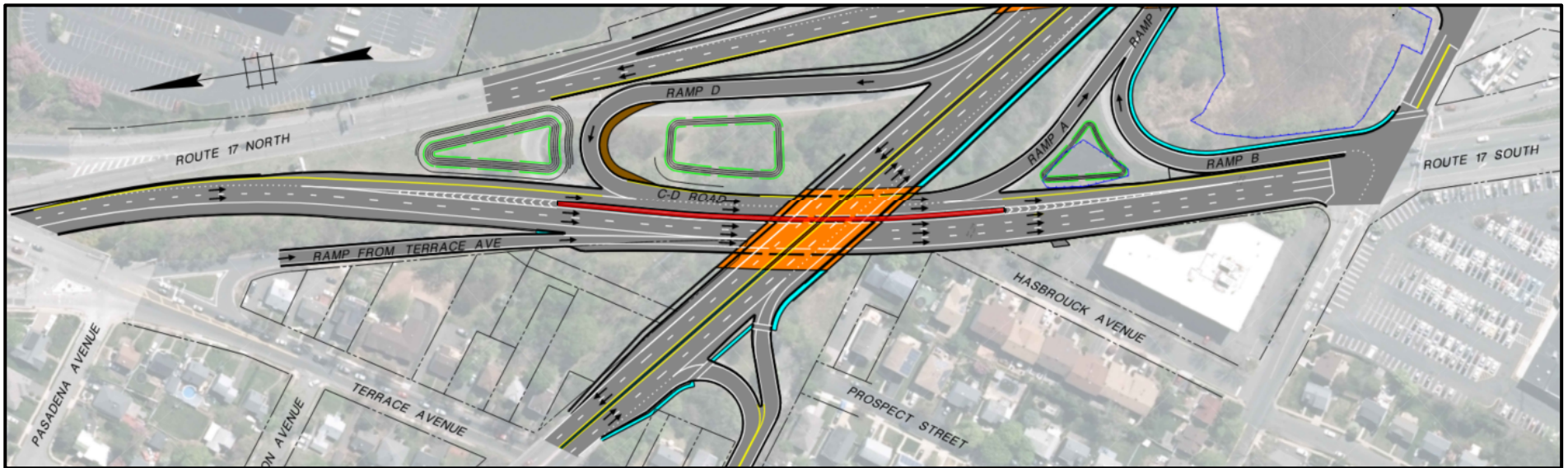
- Ramp A Bridge Realignment
- New Sidewalk from Williams Ave
- Improves Ramp D Curvature



Preliminary Preferred Alternative

Route 17 SB Improvements

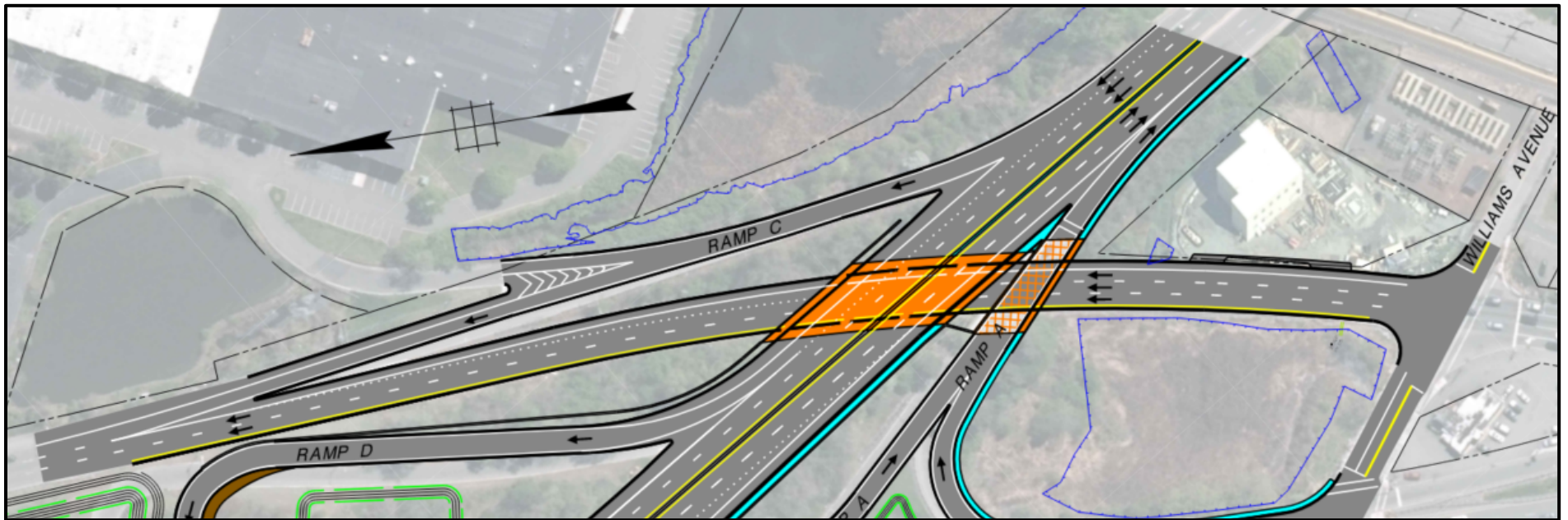
- Wider shoulders
- Collector-Distributor Road
- Reduces traffic congestion
- Accommodates future through lane



Preliminary Preferred Alternative

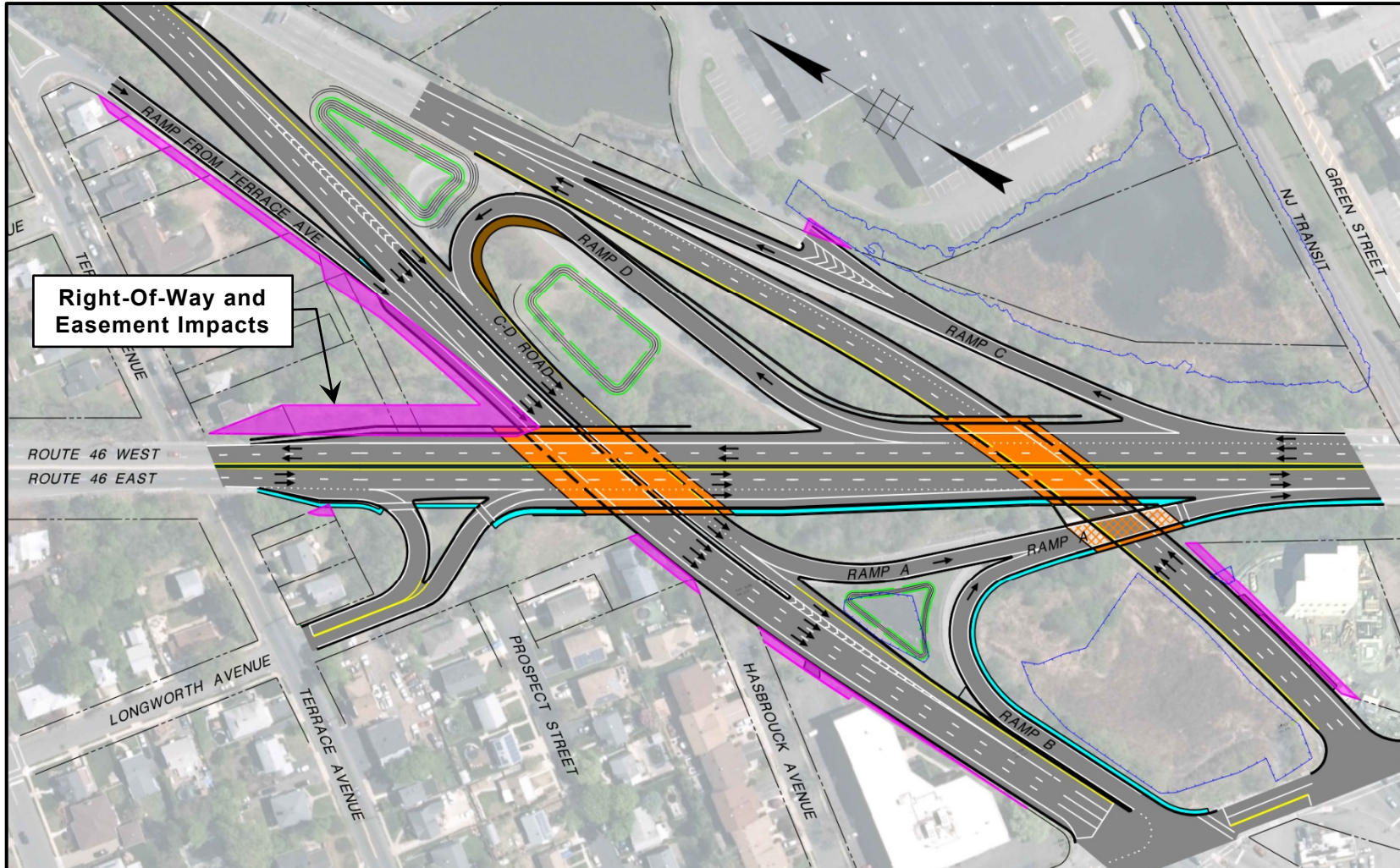
Route 17 NB Improvements

- Maintain through lanes
- Wider shoulders
- Meets standard horizontal and vertical clearances



Preliminary Preferred Alternative

Right-of-Way Impacts



Preliminary Preferred Alternative

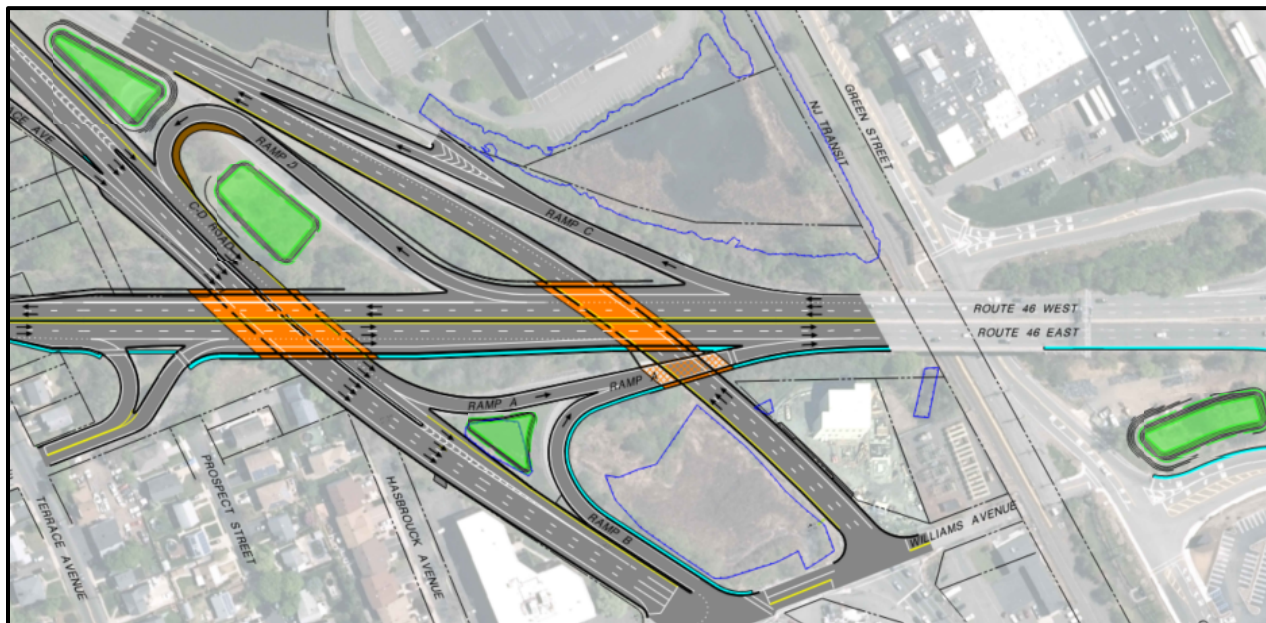
Permitting and Drainage

Anticipated Permits:

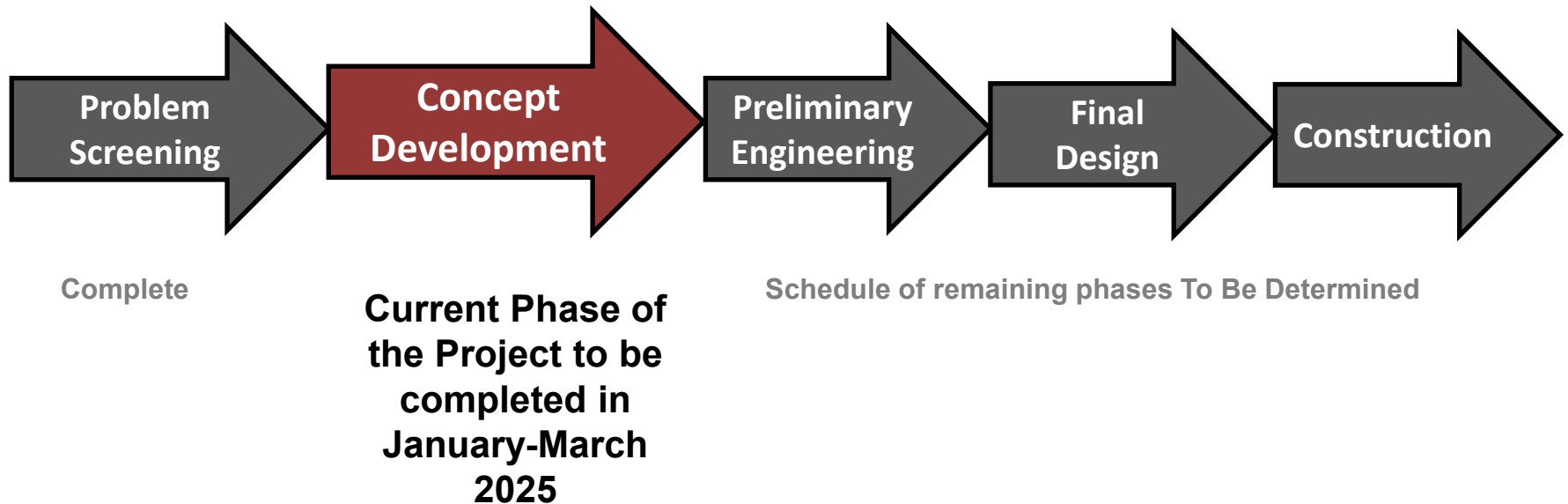
- NJDEP Flood Hazard Area (FHA) Permit
- NJDEP Freshwater Wetlands (FWW) General Permit

Drainage improvements:

- Construction of stormwater management (SWM) practices
- Reconstruction of the drainage collection systems



Estimated Project Schedule



Feedback

Take the Survey and submit comments at the following website:

<https://www.dewberry.com/pages/route-46-bridges-over-route-17/>

Feedback

Project Specific questions or comments may be submitted via email to:

Rt46BridgesOverRt17@dewberry.com

or

shivona.harris@dot.nj.gov

