



County of Passaic

Sixth Avenue Bridge over the Passaic River

City of Paterson, Borough of Prospect Park, and Borough of Hawthorne



Local Preliminary Engineering Phase
Community Stakeholders Meeting

June 23, 2025



Michael Baker
INTERNATIONAL

WELCOME AND INTRODUCTIONS

MEETING PURPOSE

- Present the current project status and schedule to community stakeholders
- Obtain input regarding community needs, concerns, and interests

A FEW REMINDERS:



This meeting is being recorded



Please mute your microphone unless speaking



Please put questions in the chat or hold questions until the discussion period of the presentation

PROJECT TEAM MEMBERS



Passaic County Department of Engineering

Jonathan Pera, P.E., *County Engineer*

Michelle Lowry Babula, P.E., *Principal Engineer / County Project Manager*



Michael Baker International Team

Joe Romano, P.E., *Project Manager, Michael Baker International*

Hamid Ikram, P.E., *Deputy Project Manager, Michael Baker International*

Kristopher Kozlowski, P.E., *Highway Engineer, Michael Baker International*

Anthony Daino, *Utility Lead, Michael Baker International*

Ellen Fyock, *Environmental Specialist, Michael Baker International*

Meb Mezgebo, P.E., *Structural Engineer Michael Baker International*

Daniel Quiroga, P.E., PTOE, *Traffic Engineer, Michael Baker International*

Martine Culbertson, *Community Involvement Facilitator, M.A. Culbertson, LLC*

PROJECT TEAM MEMBERS



New Jersey Department of Transportation (NJDOT)

Richard Loveless, *NJDOT Project Manager, Local Aid District 1*

John Riggi, *NJDOT Environmental Project Manager, Bureau of Environmental Program Resources*

Harrison MacDowall, *NJDOT Environmental Specialist, Bureau of Environmental Program Resources*



North Jersey Transportation Planning Authority (NJTPA)

Sascha Frimpong, *NJTPA Director, Local Programs*

Rich Brundage, *NJTPA Project Manager*

Sarbjit Khalon, *NJTPA Project Manager*

OPENING REMARKS



AGENDA

Welcome and Introduction

- Project Overview
- Local Project Delivery Process - Local Preliminary Engineering (LPE) Phase

Passaic County Sixth Avenue Bridge Over the Passaic River

- Project Status and Schedule
- Project Purpose & Need, Goals & Objectives
- Current LPE Work Effort – *Bridge Structure Type, Construction Staging & Proposed Detour*
- Environmental Process – *CED, Environmental and Cultural Resources Study*
- Community Involvement – *Project Website & Public Outreach Meetings*

Discussion and Q&A

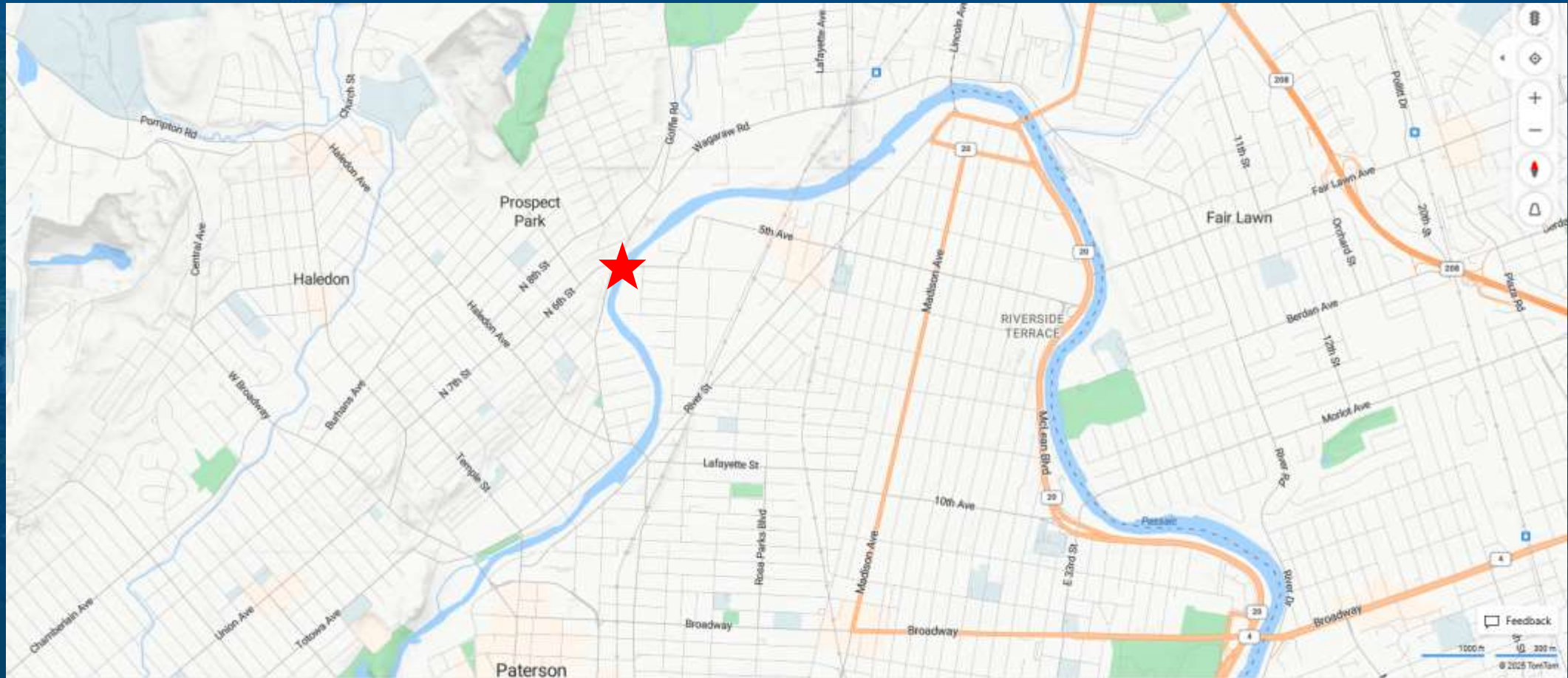
- Community Input - *Interests, Issues, & Improvements*

Next Steps

- Public Outreach
- Action Items - Q&A

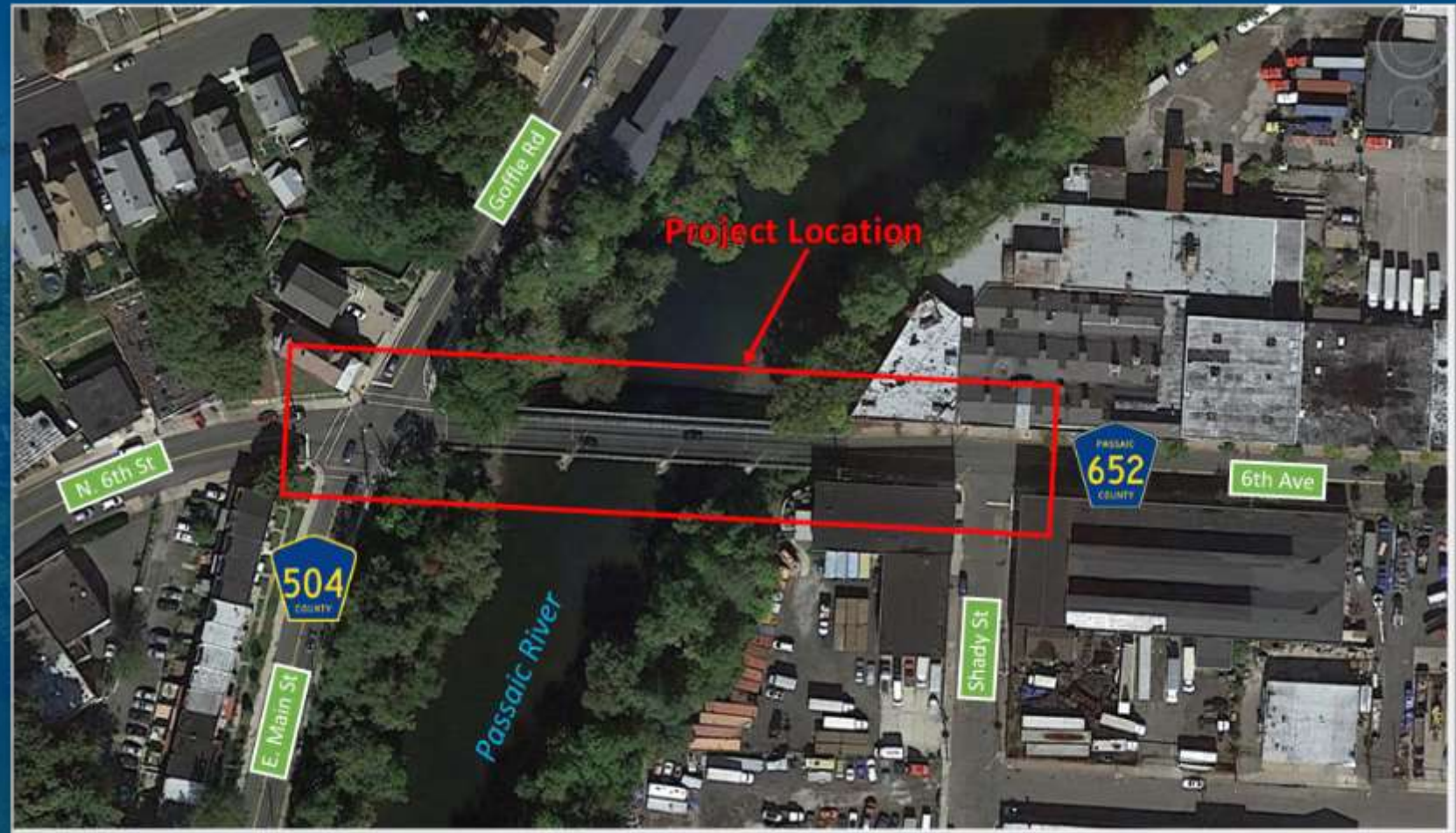
Closing Remarks

PROJECT OVERVIEW - LOCATION



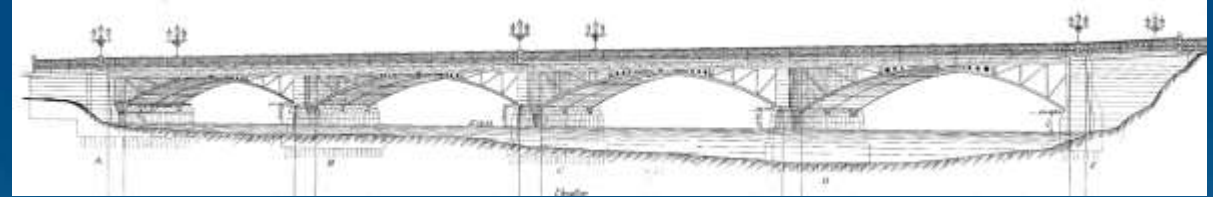
PROJECT OVERVIEW - LOCATION

- On County Route 652
- Bridge crosses Passaic River
- Convergence of Hawthorne, Prospect Park, & Paterson in Passaic County, NJ
- Structure No. 1600-012



PROJECT OVERVIEW – EXISTING CONDITIONS

- Originally constructed circa 1900
- Replaced by Temporary Acrow panel trusses in 1987
- April 2023 Bridge Re-evaluation Survey Report identified several safety concerns.
 - Functionally Obsolete due to substandard deck geometry
 - Fracture Critical due to non-redundant continuous steel Acrow panel trusses



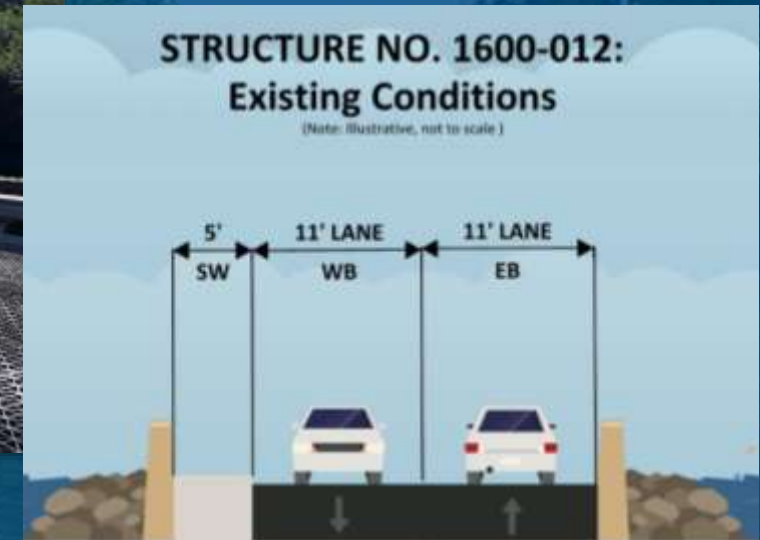
Original As-Built Drawing



Current Condition

PROJECT OVERVIEW – EXISTING CONDITIONS

- Substandard width: two 11-ft lanes (22-ft total width)
- Substandard sidewalk (4'-11" wide)
- Insufficient truck turning radii
- Substandard roadside protection



PROJECT DELIVERY PROCESS

Local Concept Development		Local Preliminary Engineering	Final Design	Construction
Data Collection and Environmental Screening Report Final Purpose and Need Statement Alternatives Development Selection of Preliminary Preferred Alternative (PPA) Concept Development Report		Preliminary Design Plans Approved Project Plan Approved Design Exception Report Cost Estimates (Final Design, Right of Way & Construction) Approved Environmental Document Approved Preliminary Engineering Report	Final Design Plans Environmental Reevaluations Environmental Permits Acquisition of Right of Way Construction Contract Documents, and Plans, Specs. & Estimates	Completed Construction As-Builts Close-out Documentation
Completed 2018		Current Phase	<i>Begin Spring 2026</i>	<i>TBD: Winter 2028-29</i>

PROJECT STATUS & SCHEDULE

Key Dates

Notice to Proceed (LPE Phase):	May 2024
Approved Environmental Document:	Fall 2025
Submit Draft Preliminary Engineering Report:	December 2025
Local Preliminary Engineering Complete:	May 2026

PROJECT PURPOSE AND NEED

The overall purpose of this project is to address structural, geometric, and operational deficiencies of the Sixth Avenue Bridge (Structure 1600-012) over the Passaic River and to provide safe, efficient, and reliable passage for all modes of transportation.

PROJECT GOALS & OBJECTIVES

Goals & Objectives:

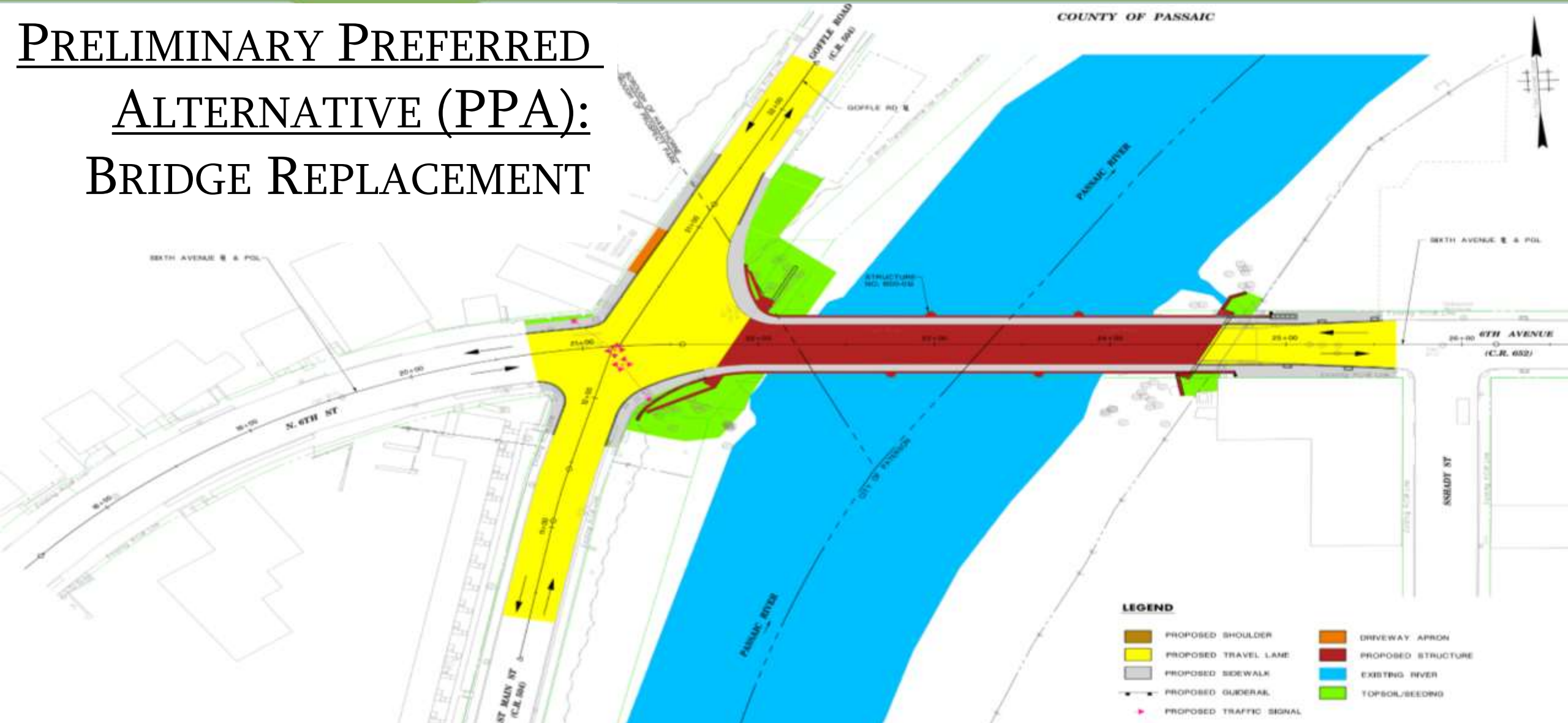
- Avoid delays or disruptions caused by aging infrastructure.
- Avoid or minimize impacts to social, economic and environmental resources.
- Provide bicycle compatibility and connectivity within the project limits.
- Provide ADA compliant pedestrian facilities and crossings within the project limits.
- Accommodate public access where feasible.
- Improve corner radii to facilitate truck turning movements at the western intersection.
- Avoid or minimize complete or long-term roadway closures during construction.
- Implement context sensitive design solutions.

LPE WORK EFFORTS

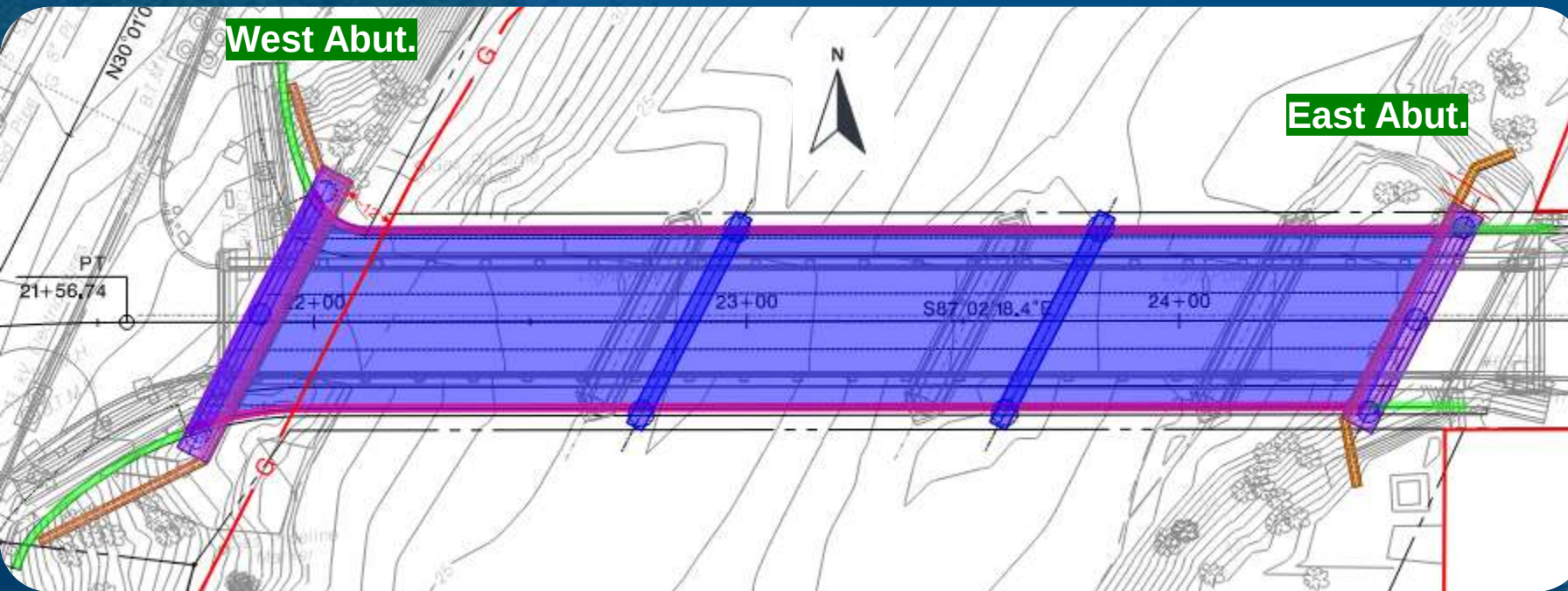
- Geodetic Survey
- Utility Verifications & Risk Analysis
- Geometric Design
 - Establish project footprint
- Temporary Traffic Control & Construction Staging
- Roadway, Structure, Traffic, & Drainage Design
- Environmental
- ROW Report

LPE WORK EFFORTS

PRELIMINARY PREFERRED ALTERNATIVE (PPA): BRIDGE REPLACEMENT



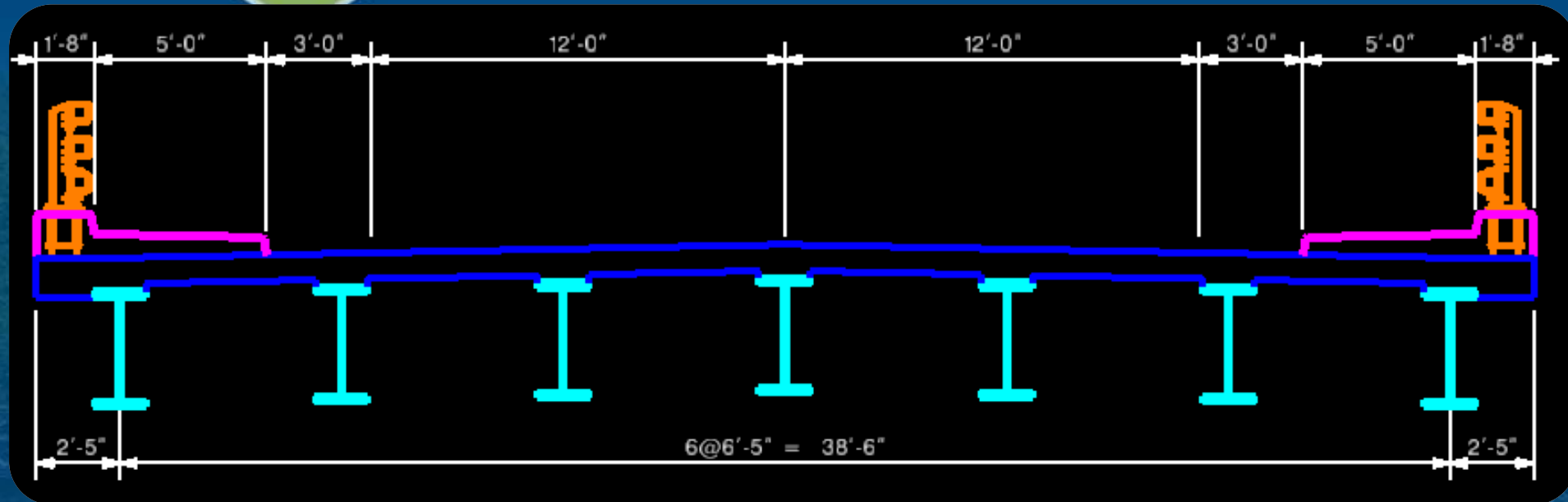
LPE WORK EFFORTS – PROPOSED STRUCTURE



Layout:

- Three-span bridge
- Span length: 100ft, 84ft, and 84 ft west to east
- Foundation: Rock socketed drilled shaft
- Drilled shaft will be constructed offline
- Prefabricated Pile Caps

LPE WORK EFFORTS – PROPOSED STRUCTURE



Layout:

- Deck out-to-out = 43'-4"
- Seven girders
- Three –splices per girder
- MASH compliant TL-4 Railing
- 9" Concrete deck

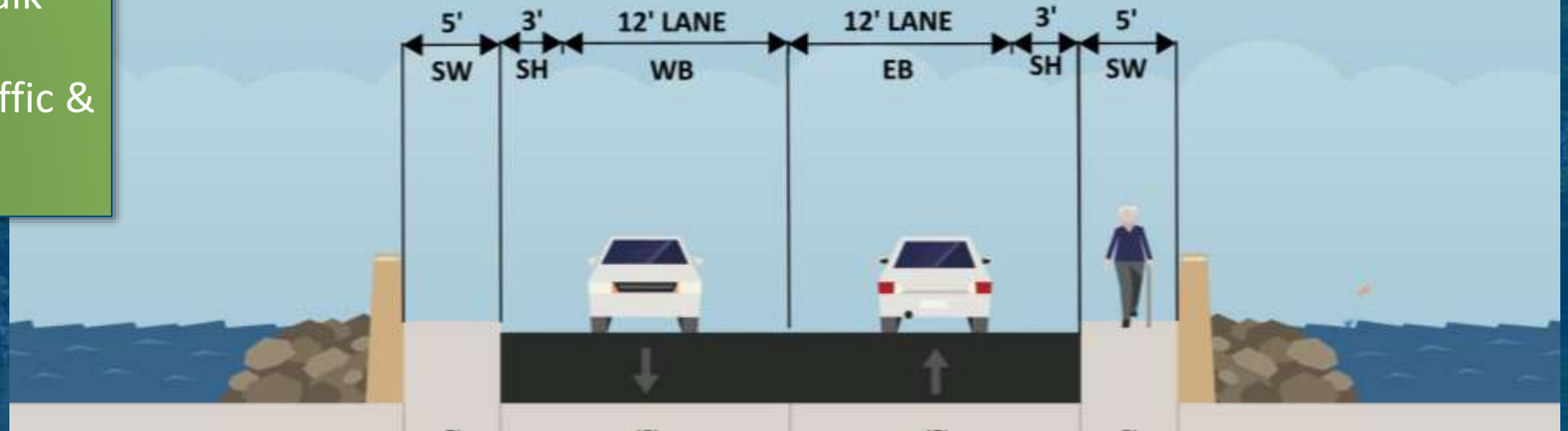
LPE WORK EFFORTS – PROPOSED ROADWAY

Roadway:

- Two 12-ft travel lanes with 3-ft shoulders
- ADA Compliant Sidewalk
- MUTCD Compliant Traffic & Pedestrian Signals.

STRUCTURE NO. 1600-012: Proposed Conditions

(Note: Illustrative, not to scale)



LPE WORK EFFORTS – PROPOSED ROADWAY



Truck Turning Movement



LPE WORK EFFORTS- UTILITIES

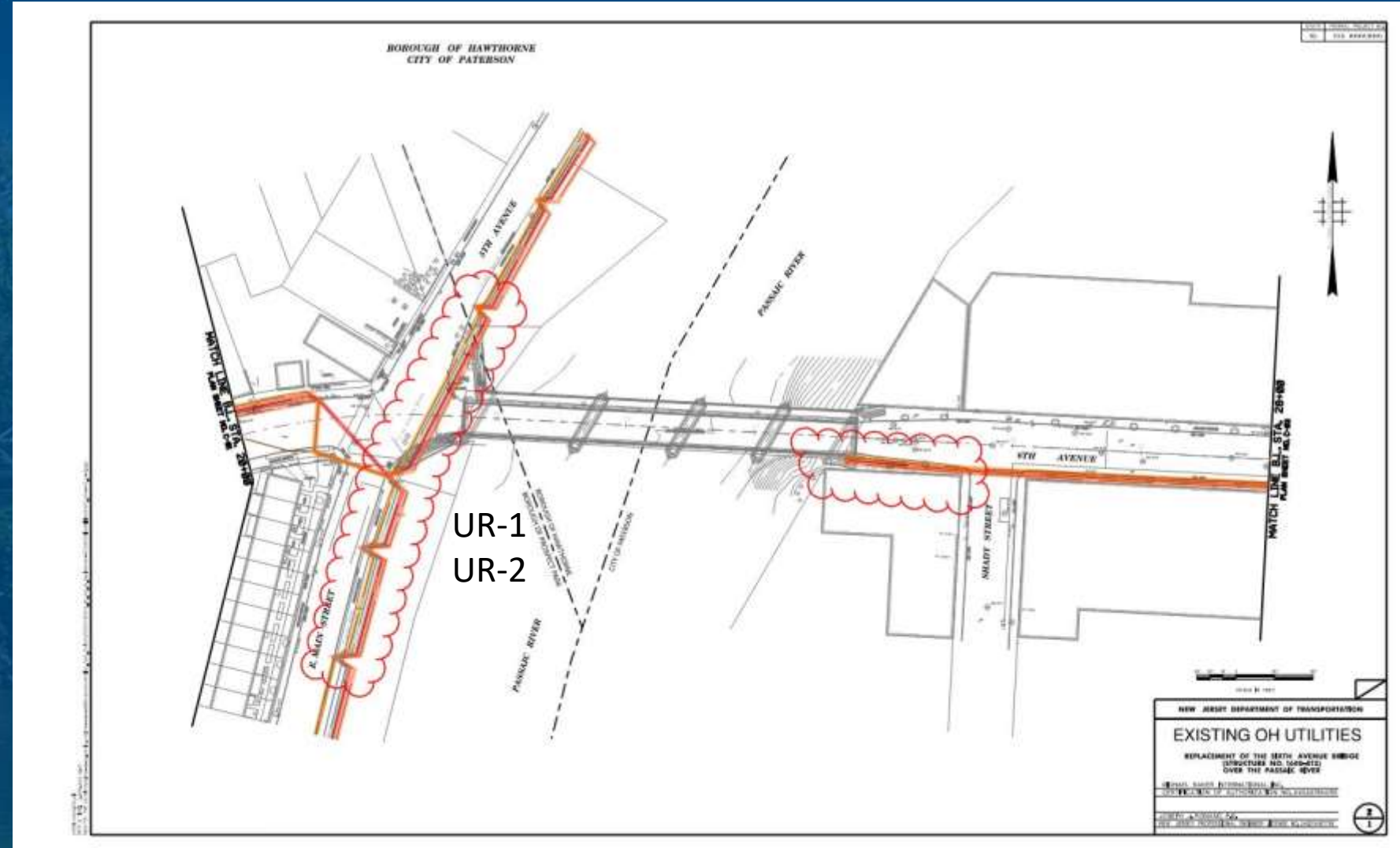
Existing Utilities

1. Verizon
2. Williams Transcontinental Gas
3. PSE&G Gas
4. PSE&G Electric
5. Crown Castle Fiber
7. Passaic Valley Water Commission
8. City of Paterson – Water and Sewer
9. Borough of Prospect – Water and Sewer

LPE WORK EFFORTS- UTILITIES

Existing Overhead Utilities and Risk Analysis

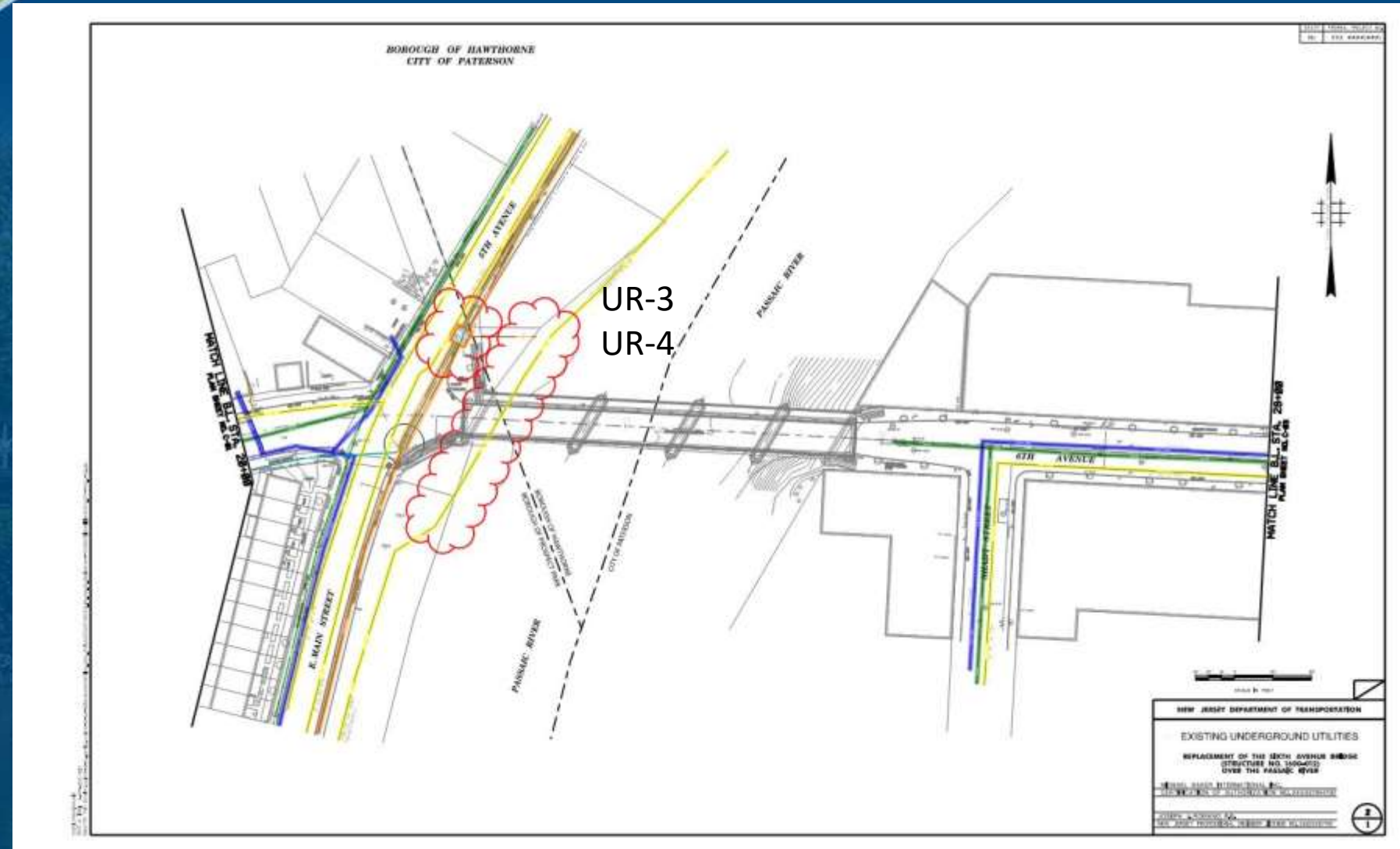
- UR-1: OH Utilities and Utility Poles
 - Proposed Roadway Widening and Bridge Approach Construction
- UR-2: OH Utilities and Utility Poles
 - Proposed Construction of Signal Equipment



LPE WORK EFFORTS- UTILITIES

Existing Underground Utilities and Risk Analysis

- UR-3: UG Verizon Telecomm Ductbank
 - Proposed Roadway Widening and Bridge Approach Construction
- UR-4: Williams-Transco
 - Abutment Demo and Construction
 - (Proximity)



LPE WORK EFFORTS- UTILITIES

Utility Risks (UR)

- UR-1: Proposed Roadway Widening and Bridge Approach Construction
- UR-2: Proposed Construction of Signal Equipment
- UR-3: Proposed Drainage System
- UR-4: Bridge Substructure and Transco

Utility Conflict Mitigation

- UR-1: Relocate Overhead Utilities (as necessary)
- UR-2, 3 and 4: Relocate Underground Utilities (as necessary)
- UR-4: Coordinate with Transcontinental – Modify Abutment Design

LPE WORK EFFORTS – CONSTRUCTION ACCESS & STAGING



ACCESS:

- Intersection Lane Shift
- Construction Access Drives
- Temporary Trestles
- Construction Easements

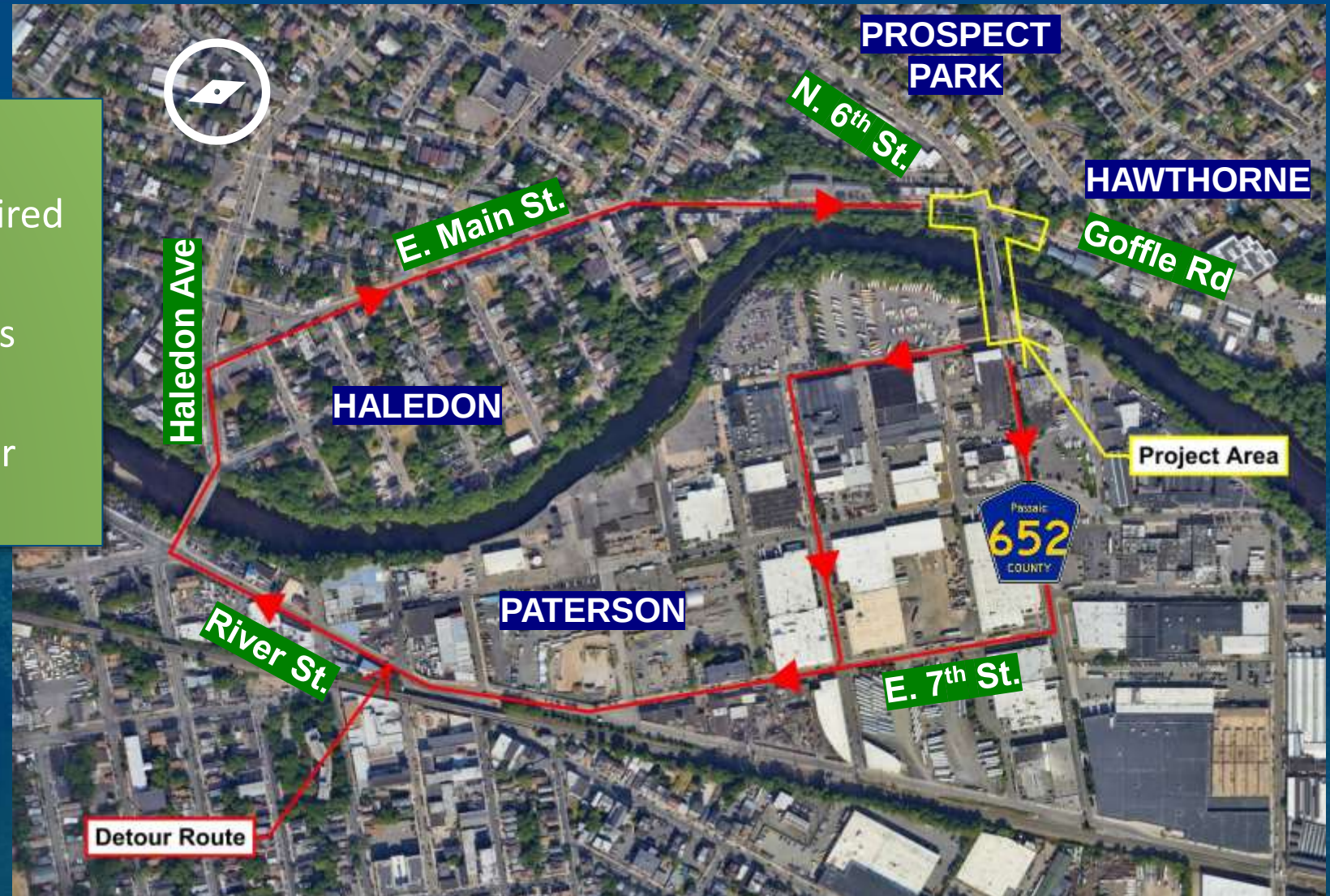


Example of a temporary trestle used for construction

LPE WORK EFFORTS – WESTBOUND DETOUR

Westbound Detour:

- Full closure of 6th Ave Bridge required to complete work
- The Proposed westbound detour is approximately 1.5 miles long
- Concurrent with Eastbound Detour



LPE WORK EFFORTS – EASTBOUND DETOURS

Eastbound Detour:

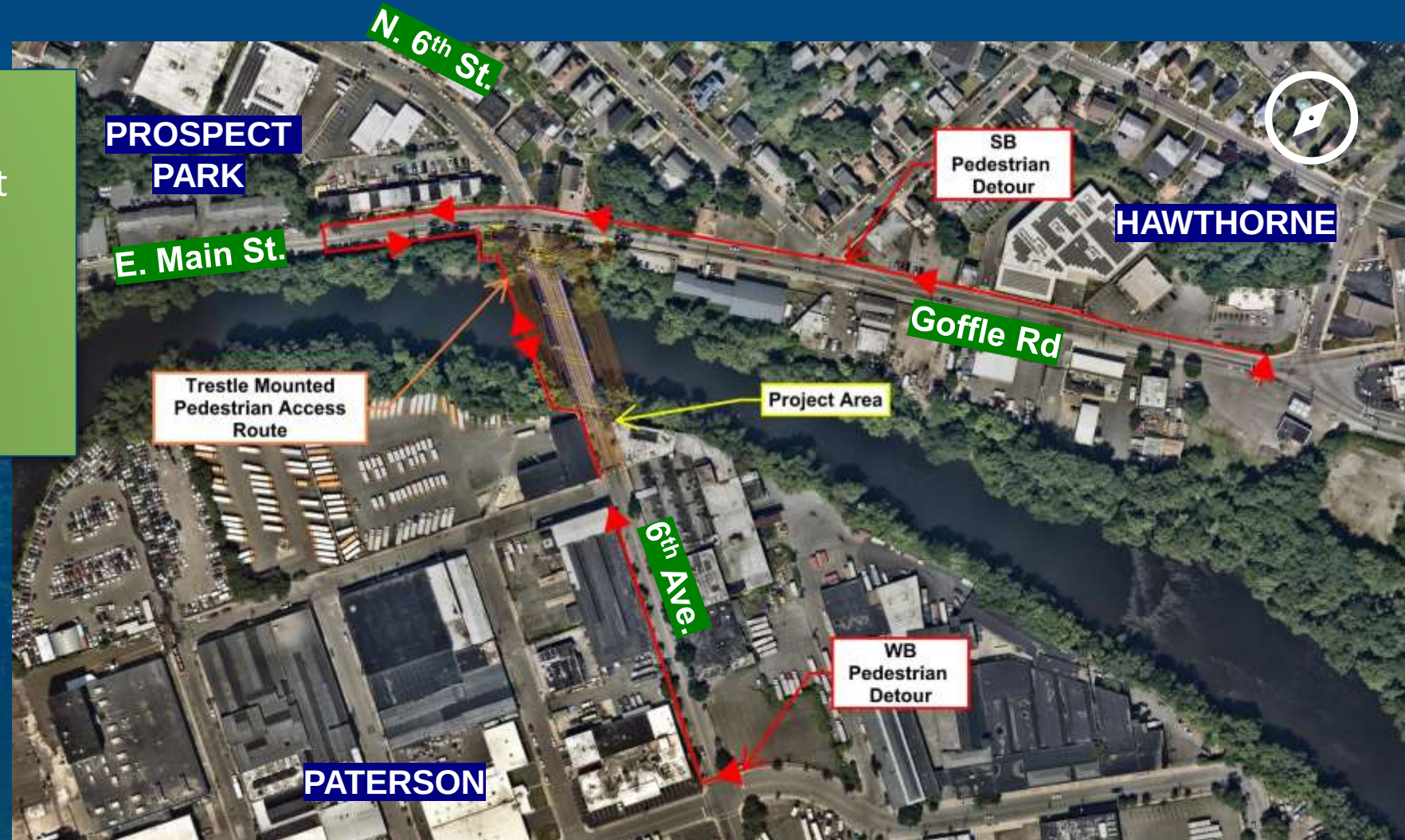
- NB traffic detour route is approx. 2.5 mi long
- SB traffic detour route is approx. 2.1 mi long
- Concurrent with WB Detour



LPE WORK EFFORTS – PEDESTRIAN DETOUR

Pedestrian Detour:

- Temporary Crossing along East Main St.
- Temporary trestle mounted structure for pedestrian river crossing



ENVIRONMENTAL PROCESS

- Technical Environmental Studies, including Ecology, Cultural Resources, Socioeconomic, and Hazardous Materials
- National Environmental Policy Act (NEPA) of 1969 documentation (CED)
- Section 106 National Historic Preservation Act Consultation
- NJ Department of Environmental Protection Permits – Final Design



COMMUNITY INVOLVEMENT & PUBLIC OUTREACH - LCD

Meetings Held During the Local Concept Development (LCD) Study Phase

Local Officials Meetings:

- Local Officials Meeting No. 1 – October 19, 2016
- Local Officials Meeting No. 2 – December 6, 2017

Community Stakeholder Meetings:

- Community Stakeholder Meeting No. 1 – February 13, 2017
- Community Stakeholder Meeting No. 2 – September 26, 2017

Public Information Center Meetings:

- Public Information Center Meeting No. 1 – February 23, 2017
- Public Information Center Meeting No. 2 – January 30, 2018

COMMUNITY INVOLVEMENT & PUBLIC OUTREACH - LPE

Meetings for Local Preliminary Engineering Phase (LPE)

- Local Officials Meeting No. 1 – April 7, 2025
- Community Stakeholder Meeting – June 23, 2025
- Local Officials Meeting No. 2 – *TBD, Summer 2025*
- Public Information Center Meeting – *TBD, Fall 2025*
 - *Meeting notices will be mailed/posted in English with info in Spanish and Arabic at least two weeks in advance of meeting date.*

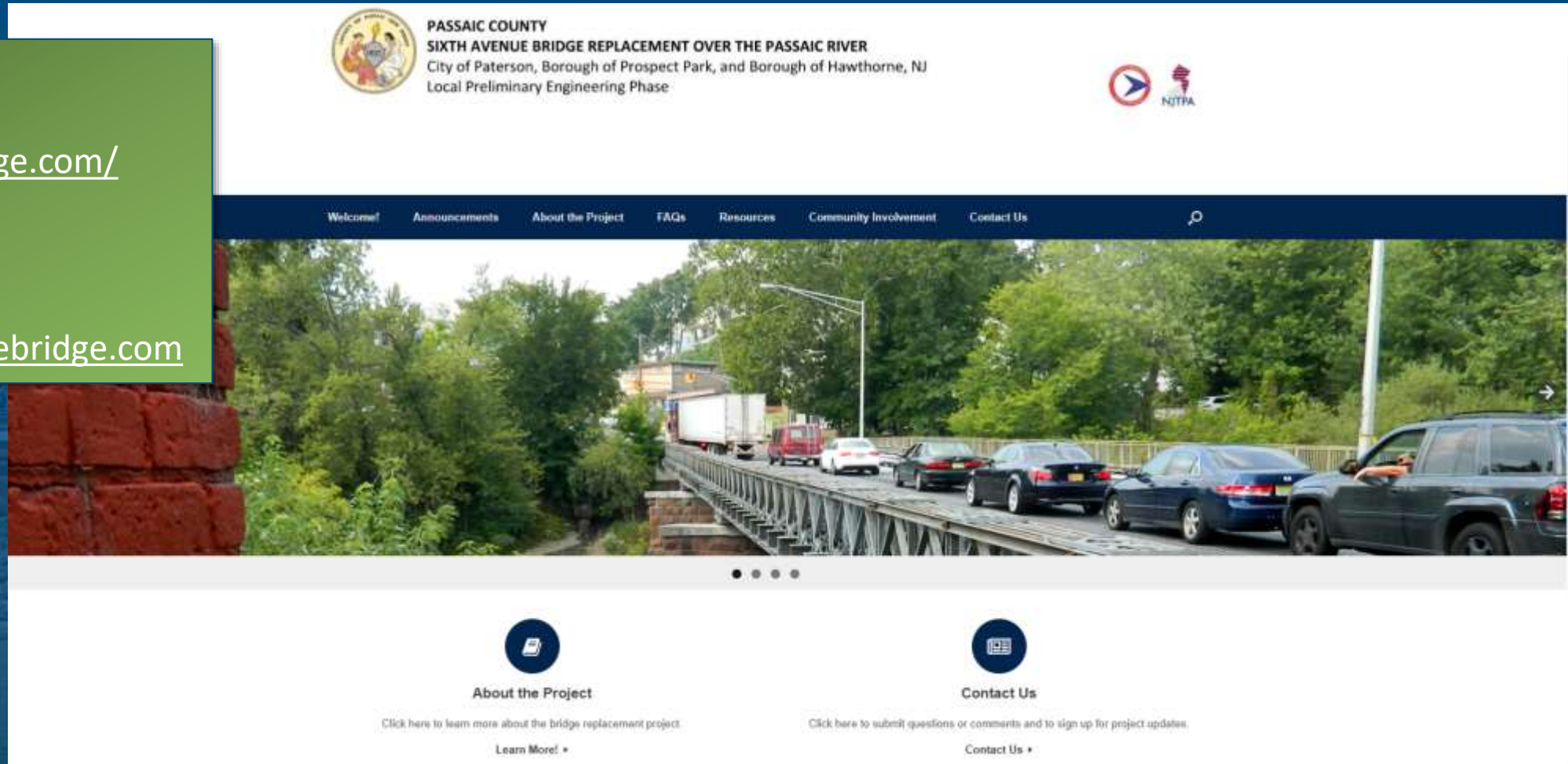
PROJECT SPECIFIC WEBSITE & EMAIL ADDRESS

Project Website:

<http://sixthavenuebridge.com/>

Project Email:

contactus@sixthavenuebridge.com



DISCUSSION AND Q&A - COMMUNITY INPUT

QUESTIONS & ANSWERS



NEXT STEPS



- Final Local Officials Meeting - *Summer 2025*



- Public Information Meeting – *Fall 2025*



- Completion of Environmental Document (CED)



- Preparation of Local Preliminary Engineering (LPE) Report

CLOSING REMARKS



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