



# Public Information Meeting

for

## Albany Post Road over Sprout Brook

Bridge Replacement (BIN 1050460)  
P.I.N. 8761.67

Westchester  
gov.com

George Latimer  
County Executive

Westchester County  
Department of Public Works and Transportation

Hugh J. Greechan, Jr., PE  
Commissioner

**B**arton  
& **L**oguidice, D.P.C.

Westchester County Department of  
Public Works and Transportation

Barton & Loguidice, D.P.C.

# Meeting Agenda

- ◉ Introduction/Project Team
- ◉ Project Overview
- ◉ Existing Conditions
- ◉ Project Objectives
- ◉ Project Alternatives Considered
- ◉ Preferred Alternative
- ◉ Proposed Detour Plan
- ◉ Project Schedule
- ◉ Right-of-Way
- ◉ Miscellaneous
- ◉ Open Question/Answer and Discussion



# Introduction/Project Team

- ◉ Owner/Project Sponsor-Westchester County  
Department of Public Works and  
Transportation
  - Kevin Roseman, Traffic Engineer
  
- ◉ Engineering Consultant-Barton & Loguidice,  
D.P.C.
  - Robert Sipzner, P.E., Vice President
  - Jeremy Bourdeau P.E., Sr. Managing Engineer



# Project Overview

- ◉ Project location - Albany Post Road over Sprout Brook, Town of Cortlandt
- ◉ Bridge replacement project
- ◉ Three intersections adjacent to bridge
  - East of bridge
    - ◉ Old Albany Post Road
  - West of bridge
    - ◉ Sprout Brook Road
    - ◉ Roa Hook Road
- ◉ Project limits:
  - Combined total of 650 feet west and east of the bridge



# Project Location



# Project Location



# Project Overview

- ◎ BRIDGE NY program
  - 95% Federal funds
  - 5% Local (County) funds
- ◎ Approved by Statewide Transportation Improvement Program (STIP)
- ◎ Federal Funding Compliance Requirements
  - Design approval document (DAD)
  - Environmental impacts and compliance
  - Public information meeting-stakeholder input





# Existing Conditions

## ◎ Bridge condition

- Rating - 4.592 out of 7.000
- Structural deficiencies
- Two lane bridge with shoulders on each side and a sidewalk on the south side (40' curb-to-curb width)

## ◎ Roadway geometrics

- Design speed = 45 mph
- Non-standard features
  - Stopping sight distance

# South Elevation (view looking Northeast)



B  
&L

Westchester  
gov.com

# North Elevation (view looking Southeast)



# Bridge Deck

(view looking Northeast)



# Bridge Approach Roadway (view looking East)



B  
&L

Westchester  
gov.com

# Bridge Approach Roadway (view looking West)



# Project Objectives

1. Eliminate the structural deficiencies of the existing bridge by providing a replacement structure that has a 75 year service life.
2. Provide a cost effective bridge replacement alternative considering both short term construction costs and long term maintenance costs.
3. Improve waterway opening, hydraulic conditions, and scour protection.



# Project Alternatives Considered

## ◎ Alternative 1 - Null Alternative

- Does not meet project objectives, eliminated from further study

## ◎ Alternative 2 - Bridge Rehabilitation

- Superstructure replacement, substructure rehabilitation including extensive repair to the concrete abutments and piers
- Does not eliminate all structural deficiencies of the bridge or improve waterway opening, thus does not meet project objectives, eliminated from further study

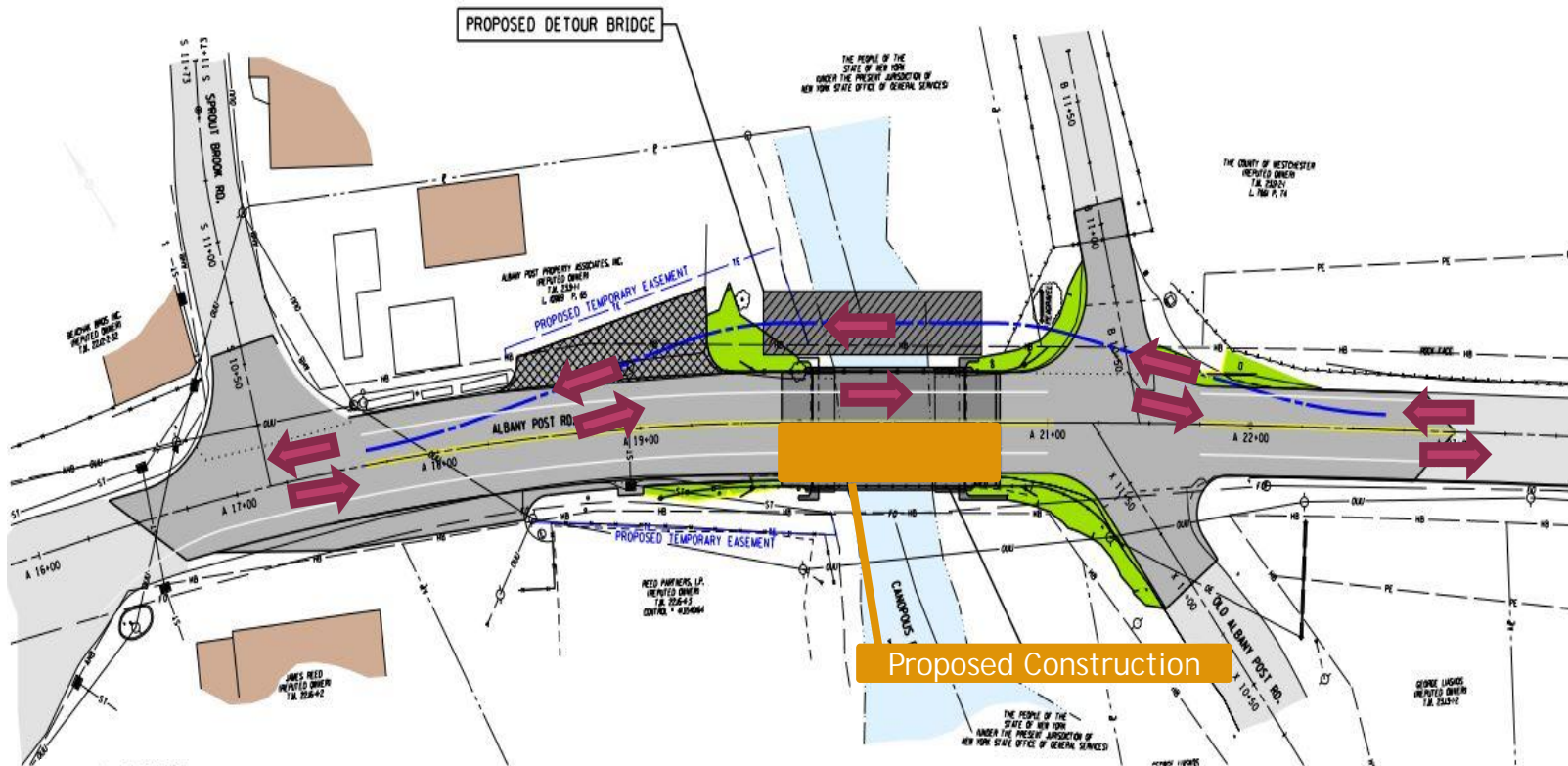
# Preferred Project Alternative

## ◉ Alternative 3 - replacement

- Superstructure and substructure replacement with 70 foot single-span structure
- Provide improvements to waterway opening, hydraulic conditions, and scour protection.
- Pavement reconstruction, drainage improvements and site restoration to adjacent roadway



# Proposed Detour Plan - Stage 1



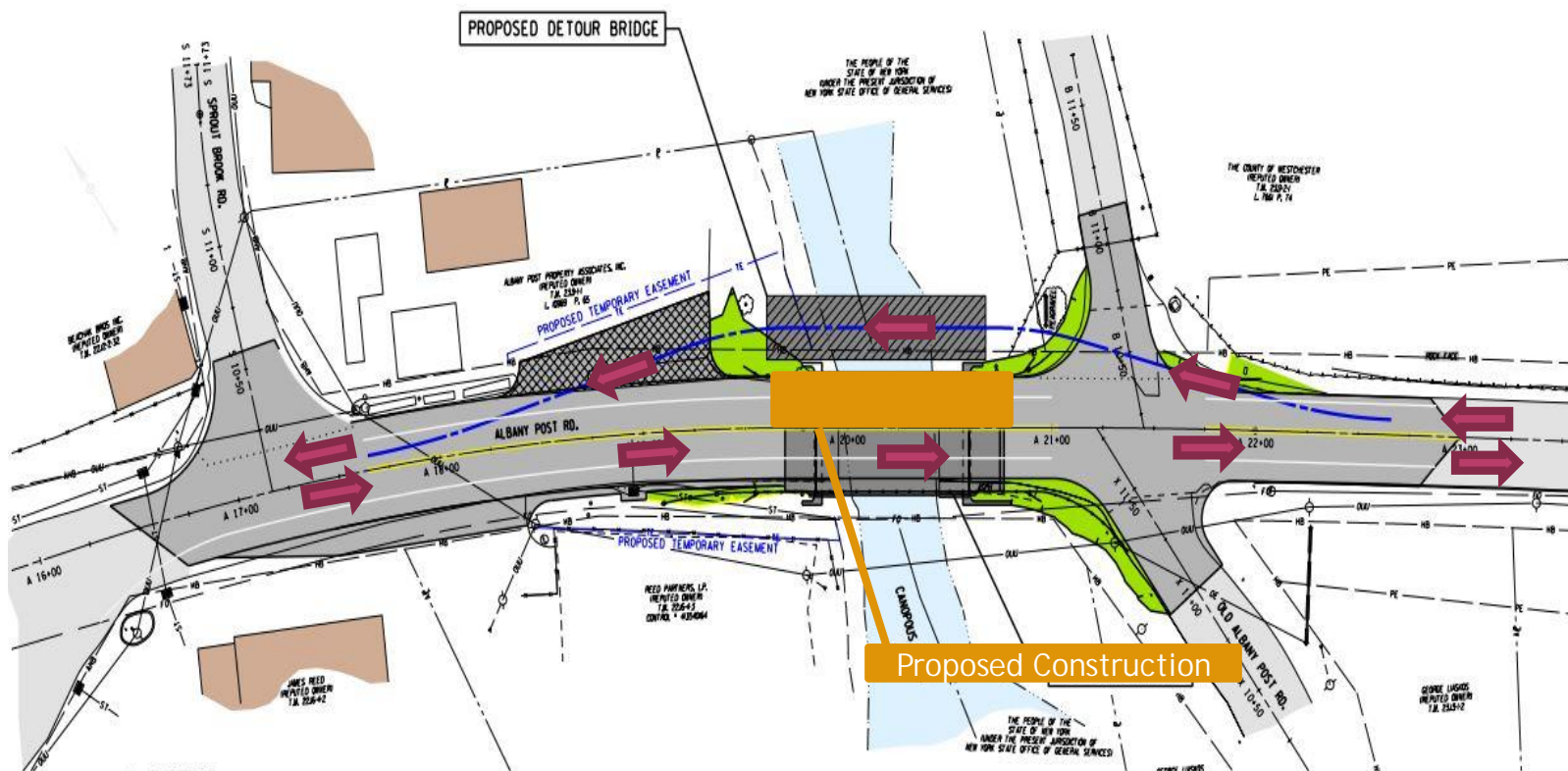
**LEGEND:**

- EXISTING BUILDING
- EXISTING WATERWAY
- EXISTING HIGHWAY PAVEMENT
- PROPOSED GRADING
- PROPOSED HIGHWAY PAVEMENT
- PROPOSED BRIDGE
- PROPOSED TEMPORARY DETOUR BRIDGE
- PROPOSED DRIVEWAY RESTORATION
- PROPOSED TEMPORARY EASEMENT
- PROPOSED TEMPORARY DETOUR

- 1) The bridge will be replaced using staged construction to allow for two-way traffic during construction.
- 2) A temporary bridge will be put in place to carry westbound traffic.



# Proposed Detour Plan - Stage 2



**LEGEND:**

- EXISTING BUILDING
- EXISTING WATERWAY
- EXISTING HIGHWAY PAVEMENT
- PROPOSED GRADING
- PROPOSED HIGHWAY PAVEMENT
- PROPOSED BRIDGE
- PROPOSED TEMPORARY DETOUR BRIDGE
- PROPOSED DRIVEWAY RESTORATION
- PROPOSED TEMPORARY EASEMENT
- PROPOSED TEMPORARY DETOUR

- 1) The bridge will be replaced using staged construction to allow for two-way traffic during construction.
- 2) A temporary bridge will be put in place to carry westbound traffic.



# Project Schedule

- ◉ Design Approval: March 2018
- ◉ Right-of-Way: September 2018
- ◉ Final Design Complete: September 2018
- ◉ Bidding: November 2018
- ◉ Construction Begins: March 2019
- ◉ Construction Complete: November 2020



## Right-of-Way

- ◉ The bridge and roadway fall within public Right-of-Way
- ◉ Lands on the east side of the bridge are owned by Town, County and NYS
- ◉ Lands adjacent on the west side of the bridge are privately owned
- ◉ Temporary easements of small areas of these private properties will be necessary for installation and removal of a temporary bridge to maintain traffic during construction
- ◉ Permanent impacts will fall within public Right-Of-Way and temporary impacts will be restored to pre-construction conditions.



# Miscellaneous

## Information available

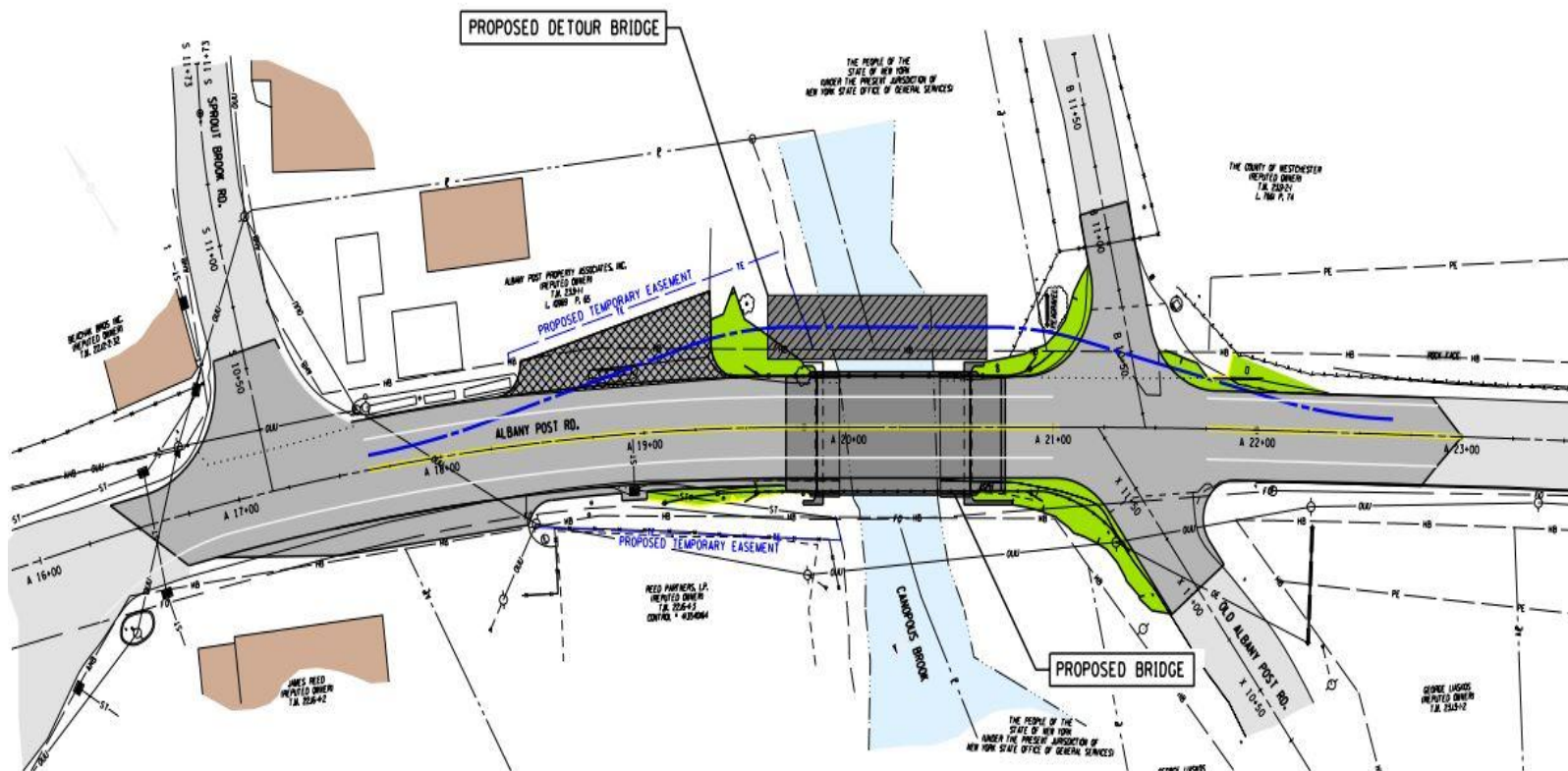
- Display boards
- Informational handouts
- Draft design report
- Comment sheets - submit via mail or email to:
  - Kevin Roseman - [kmr5@westchestergov.com](mailto:kmr5@westchestergov.com)
  - Jeremy Bourdeau - [jboudeau@bartonandloguidice.com](mailto:jboudeau@bartonandloguidice.com)

OR:

- <https://publicworks.westchestergov.com/albany-post-road-bridge/>
- Written comments due by Friday, March 16, 2018



# Question and Answer



**LEGEND:**

- EXISTING BUILDING
- EXISTING WATERWAY
- EXISTING HIGHWAY PAVEMENT
- PROPOSED GRADING
- PROPOSED HIGHWAY PAVEMENT
- PROPOSED BRIDGE
- PROPOSED TEMPORARY DETOUR BRIDGE
- PROPOSED DRIVEWAY RESTORATION
- PROPOSED TEMPORARY EASEMENT
- PROPOSED TEMPORARY DETOUR

## BRIDGE REPLACEMENT ON EXISTING ALIGNMENT

WESTCHESTER COUNTY DEPARTMENT OF  
PUBLIC WORKS AND TRANSPORTATION

ALBANY POST RD. OVER CANOPOUS BROOK  
BRIDGE REPLACEMENT (B.I.N. 1050460)

