



TOWN OF SOUTHBURY

PUBLIC INFORMATION PRESENTATION

REHABILITATION OF FLOOD BRIDGE ROAD BRIDGE
over
POMPERAUG RIVER

JUNE 8, 2022

Project Team

Owner:

Town of SOUTHBURY

Prime Consultant:

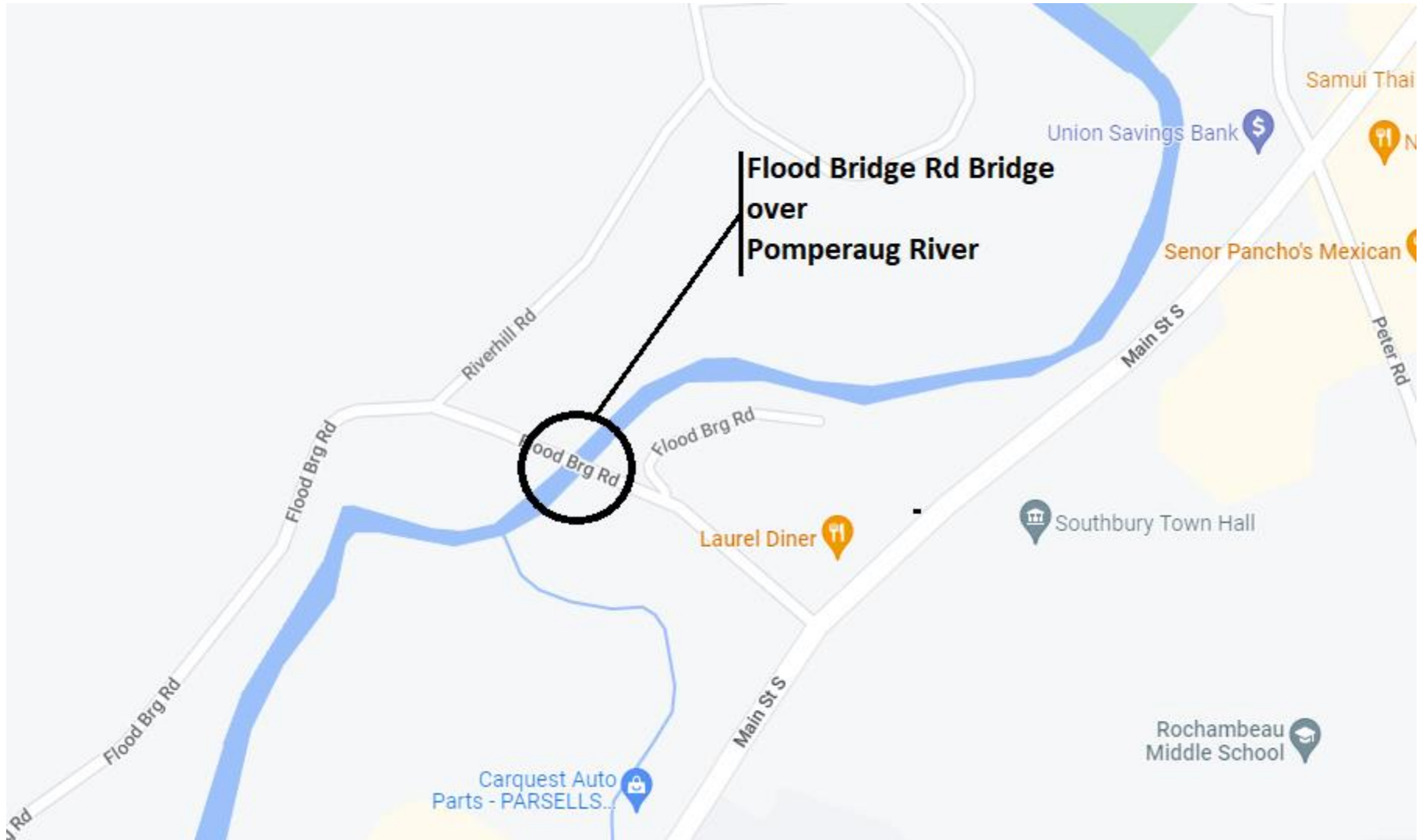
Cardinal Engineering Associates, Inc.

(Structural, Highway, Hydraulic, Drainage Design and Permitting)

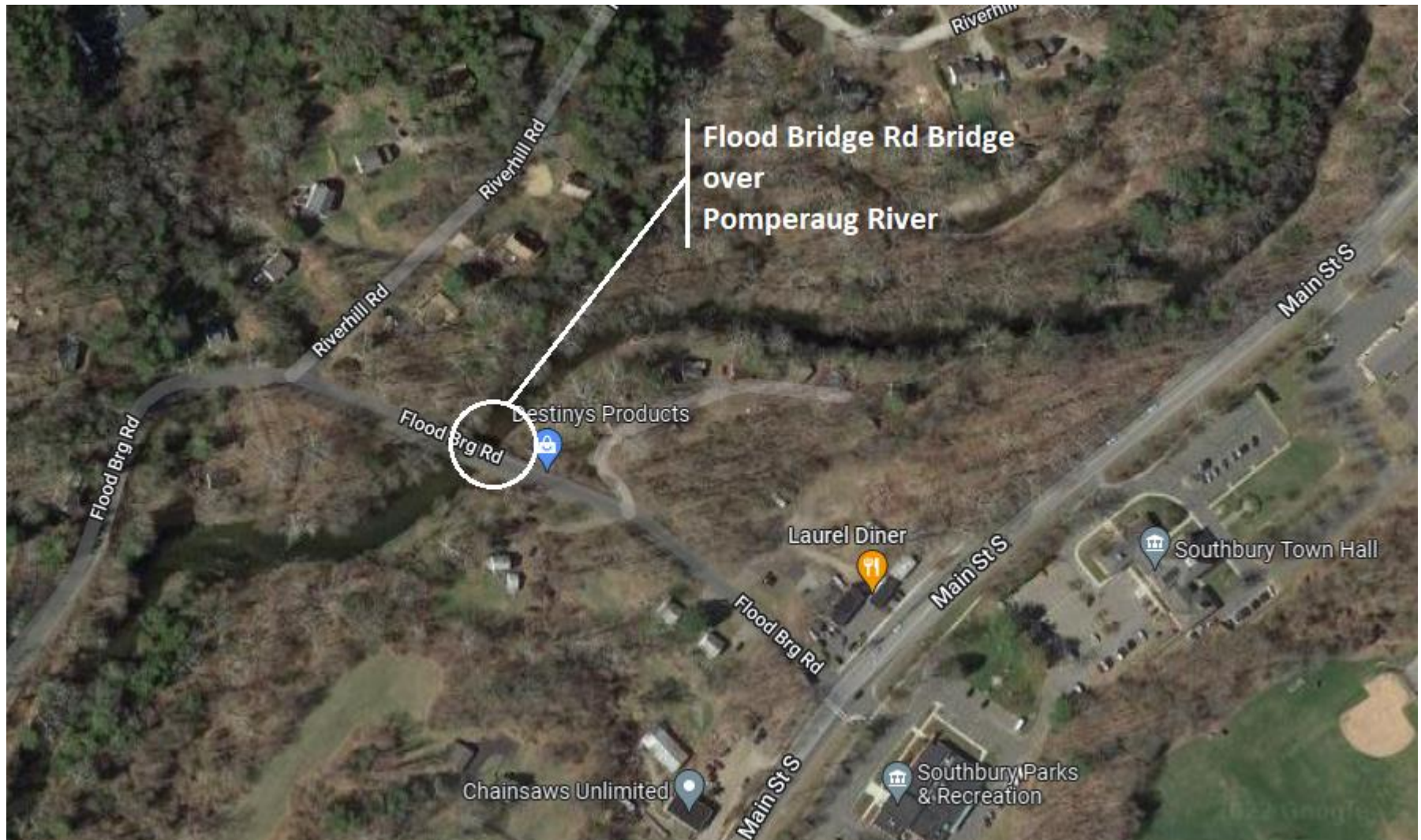
Wetland Scientist and Environmental Biology:

Soil Science and Environmental Services, Inc.

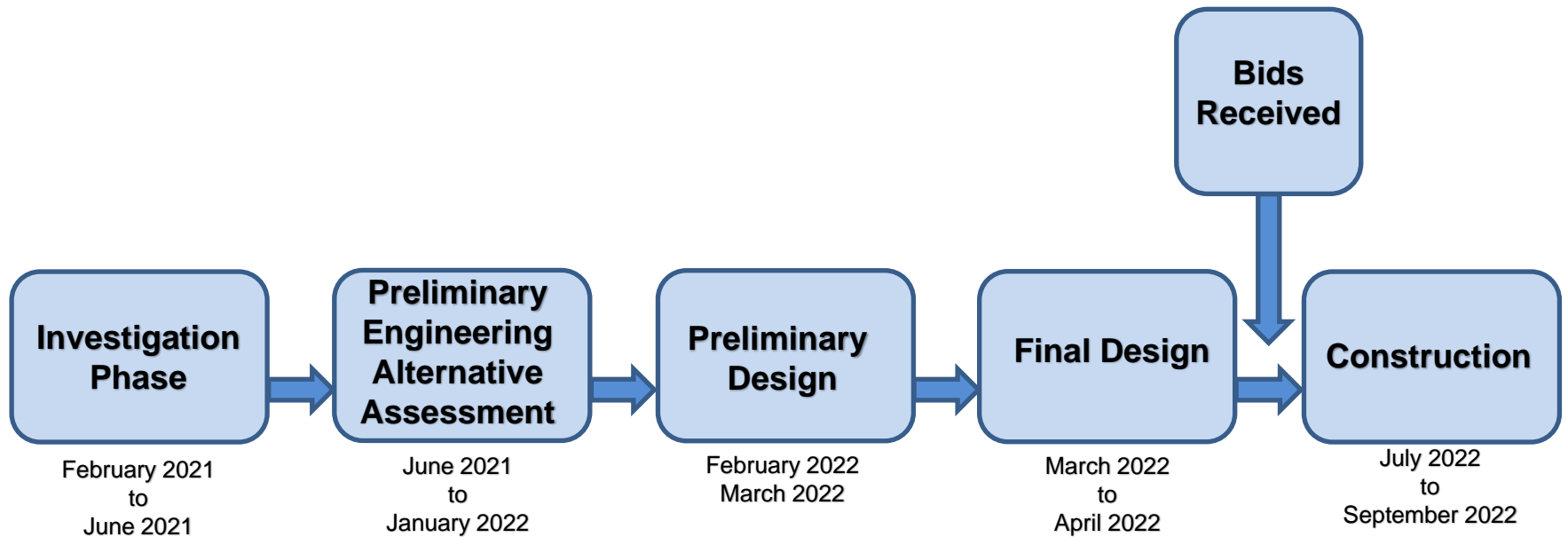
Location Map



Aerial View



Project Timeline



Project Goals

- Repair Bridge Components that have deteriorated including:

Bridge Wearing Surface

Bridge Deck Concrete

Expansion Joints

Substructure Concrete

Existing Conditions



Bridge Deck Surface



Bridge Joint

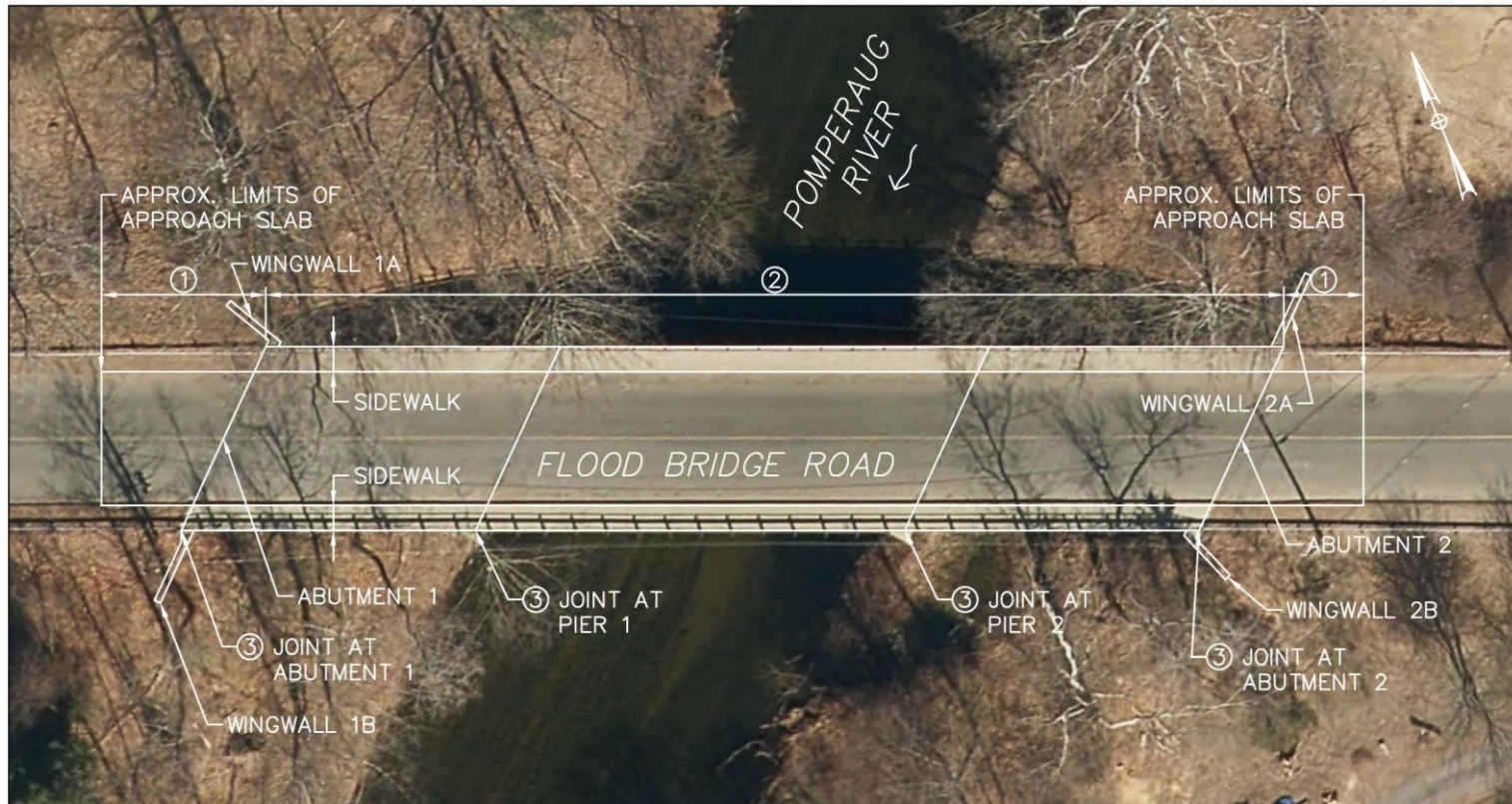


Bridge Deck / Joint



Deteriorated Concrete – Underside of Structure

Existing Bridge Current Plan View



FLOOD BRIDGE ROAD GENERAL BRIDGE PLAN

SCALE: N.T.S.

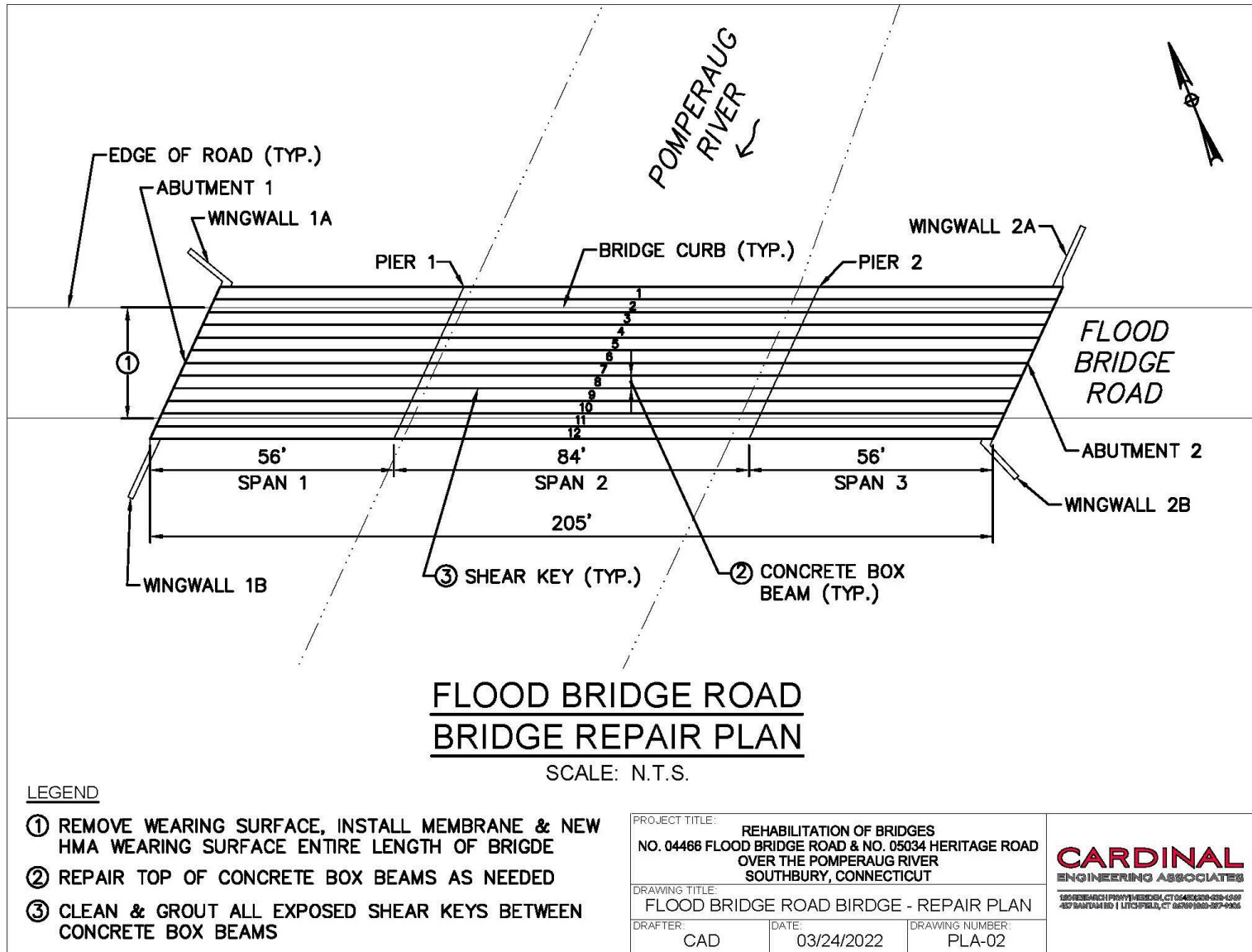
LEGEND

- ① MILL & OVERLAY APPROACH SLAB
- ② REMOVE WEARING SURFACE, REPAIR CONCRETE BEAMS, REPAIR/REPLACE BEAM SHEAR KEY GROUT, INSTALL MEMBRANE & NEW HMA WEARING SURFACE
- ③ REPLACE COMPRESSION JOINTS & HEADERS WITH ASPHALTIC PLUG JOINTS

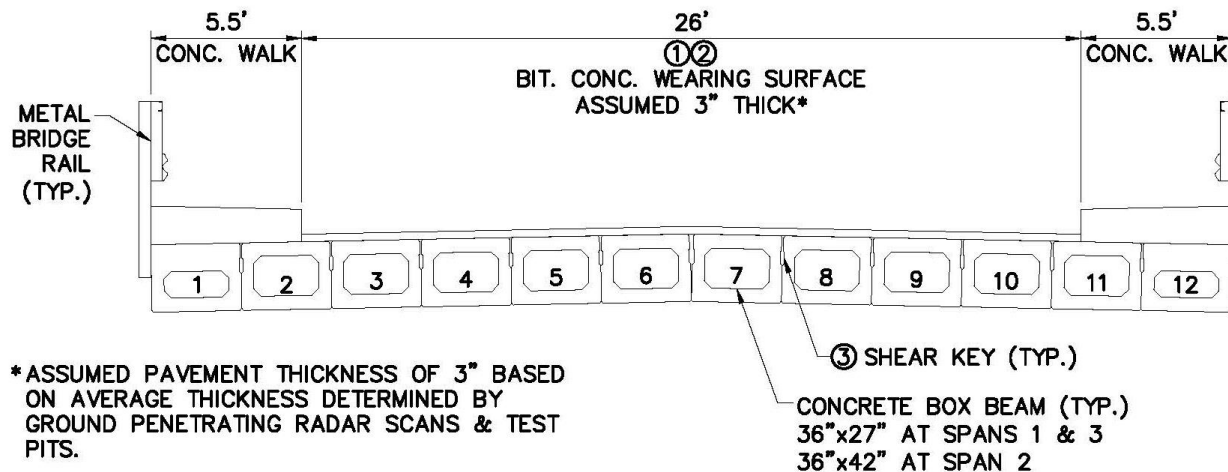
PROJECT TITLE: REHABILITATION OF BRIDGES NO. 04466 FLOOD BRIDGE ROAD & NO. 05034 HERITAGE ROAD OVER THE POMPERAUG RIVER SOUTHBURY, CONNECTICUT		
DRAWING TITLE: FLOOD BRIDGE ROAD BRIDGE - GENERAL PLAN		
DRAFTER: CAD	DATE: 03/24/2022	DRAWING NUMBER: PLA-01

CARDINAL
ENGINEERING ASSOCIATES
380 HERRINGHILL ROAD, SUITE 100, SOUTH BURY, CT 06488-1000
860.381.1000 | FAX 860.381.1001 | WWW.CARDINAL-ENG.COM

Proposed Project



Proposed Project



FLOOD BRIDGE ROAD BRIDGE REPAIR SECTION

SCALE: N.T.S.

LEGEND

- ① REMOVE WEARING SURFACE, INSTALL MEMBRANE & NEW HMA WEARING SURFACE ENTIRE LENGTH OF BRIDGE
- ② REPAIR TOP OF CONCRETE BOX BEAMS AS NEEDED
- ③ CLEAN & GROUT ALL EXPOSED SHEAR KEYS BETWEEN CONCRETE BOX BEAMS

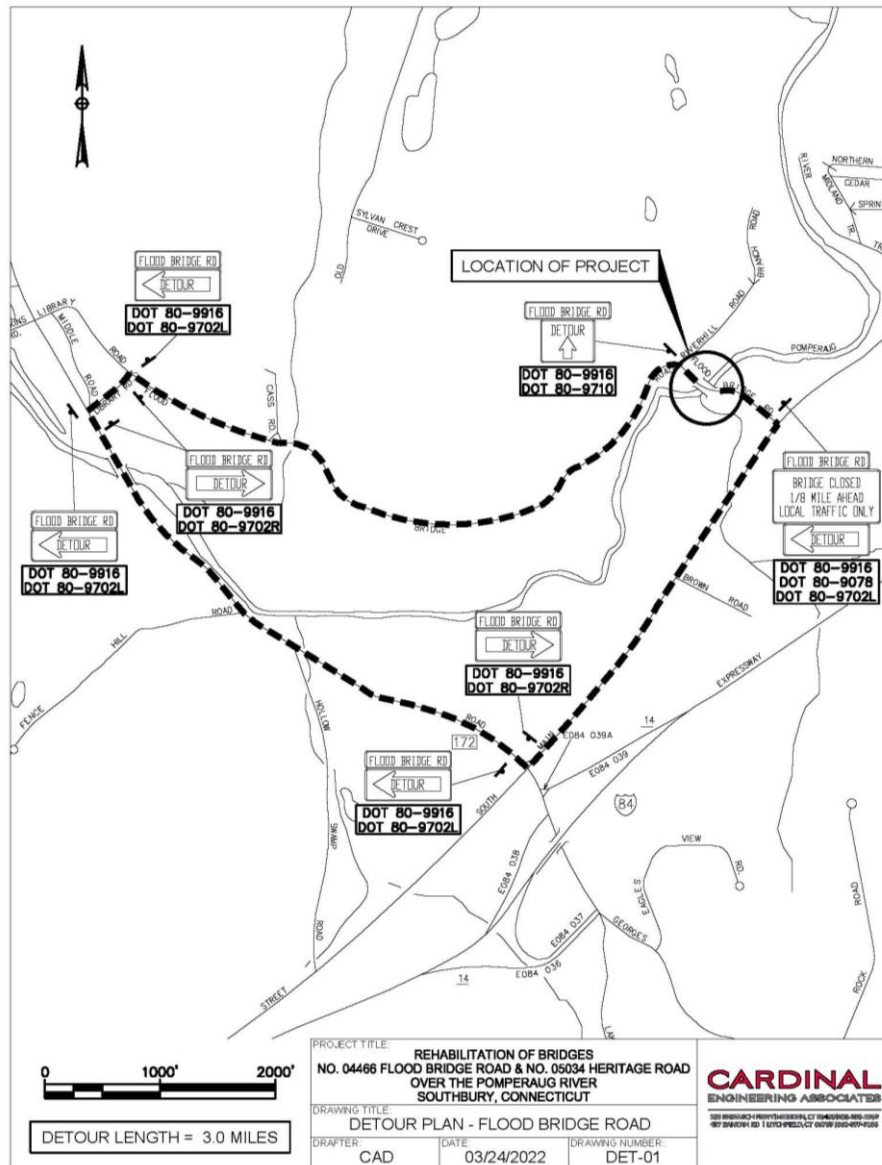
PROJECT TITLE: REHABILITATION OF BRIDGES NO. 04466 FLOOD BRIDGE ROAD & NO. 05034 HERITAGE ROAD OVER THE POMPERAUG RIVER SOUTHBURY, CONNECTICUT		
DRAWING TITLE: FLOOD BRIDGE ROAD BRIDGE REPAIR SECTION		
DRAFTER: CAD	DATE: 03/24/2022	DRAWING NUMBER: SEC-01

CARDINAL
ENGINEERING ASSOCIATES

180 RESEARCH / PROJECT / NEWBURY, CT 06460-200-4501
457 BANTAM RD | LITCHFIELD, CT 06039-1000-387-9905

DETOUR

Bridge to be closed for
Rehabilitation



Construction Schedule / Cost

Anticipated Project Schedule:

- Design / Permit Completion: April 2022
- Start of construction: Summer 2022
- End of Construction: Fall 2022



Contact Information

Town of SOUTHBURY

Gerald Lukowski, Director of Public Works

Phone: (203) 262-0623

Email: publicworks@southbury-ct.gov

Cardinal Engineering Associates, Inc.

Gary J. Giroux, P.E. – Sr. Project Manager

Phone: (203) 238-1969

Email: gary@cardinal-engineering.com



Questions

THANK YOU
QUESTIONS