

REHABILITATION OF NANTICOKE DRIVE (CR 13) BRIDGE OVER BRADLEY CREEK

PUBLIC INFORMATION BROCHURE

TOWN OF UNION
BROOME COUNTY



INFORMATION AND UPDATES AVAILABLE ON FACEBOOK AT:
"Rehabilitation of Nanticoke Drive Bridge over Bradley Creek"





Broome County Nanticoke Drive (CR 13) over Bradley Creek Bridge Rehabilitation

Town of Union, New York

Project Objectives

Preserve and prolong the service life of the existing structure by reducing the rate of deterioration of the identified deficient bridge elements through cost effective rehabilitation strategies.

Proposed Alternative

The proposed alternative is to make isolated concrete repairs on the underside of the superstructure slab, fascias, substructures and replacing rebar as needed; install waterproofing membrane on the top of the structure; and replace bridge rail, transition rail, and guiderail to meet current standards.

Work Zone Traffic Control

The majority of work included under this project will occur beneath the existing bridge and will not require work zone traffic control. Installation of the waterproofing membrane, replacement of the asphalt wearing surface and replacement of the bridge and approach railing will be completed using lane and shoulder closures.

Anticipated Schedule

Design Complete – September 2025

Start Construction – May 2026

Complete Construction – July 2026

Contact Information

More information can be found on the Broome County Highway Division Facebook page.

This information is being provided digitally to allow interested parties to review the project plans at their own leisure, comment and ask questions of the Broome County Engineering Division.

Questions and/or comments must be submitted to the Broome County Engineering Division by **May 16th, 2025** and can be sent to Eduard Lavrinovich at Eduard.lavrinovich@broomecountyny.gov or **Broome County Office Building, 60 Hawley St, 5th Floor (DPW-ENG), Binghamton, NY 13902.**

Structure

Information

Year Constructed:

Type:

Overall Width:

Span Length:

Service Life:

Existing

1955

Single-Span
Reinforced
Concrete Slab

29'-0"

28'-0"

N/A

Proposed

2026

Single-Span
Reinforced
Concrete Slab

29'-0"

28'-0"

20 Years

Anticipated Construction Cost:

\$373,000





Correspondence regarding this project should make reference to:
PIN 9755.77
Rehabilitation of the Nanticoke Drive Bridge over Bradley Creek
Town of Union, Broome County, New York

Broome County:

Eduard Lavrinovich, E2
Broome County Highway Division
60 Hawley Street, 5th Floor (DPW-ENG)
Binghamton, NY 13902
Telephone: (607) 778-2465
Eduard.Lavrinovich@broomecountyny.gov

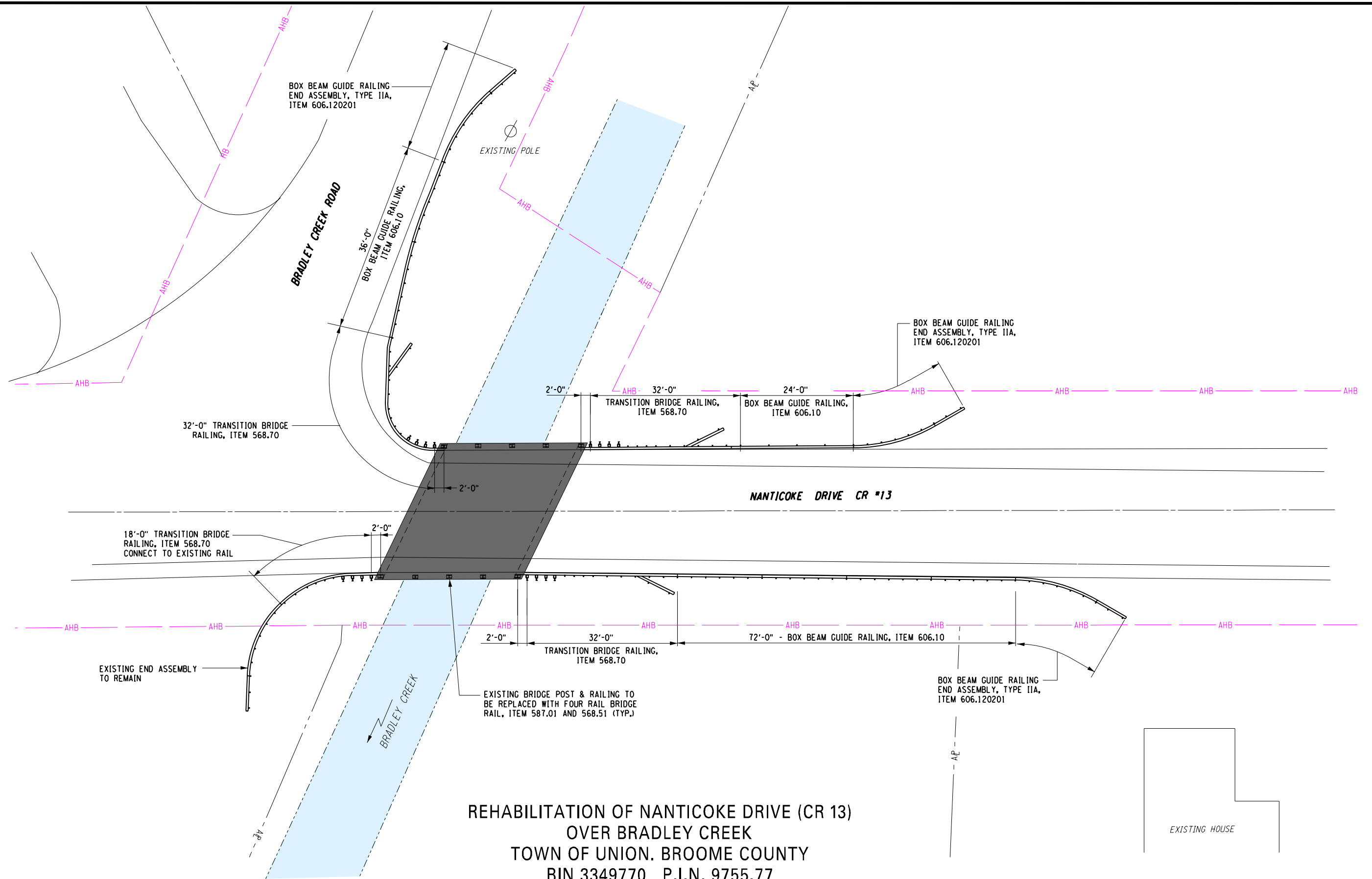
NYSDOT:

Michael Zamierowski
New York State Department of Transportation, Region 9
44 Hawley Street
Binghamton, New York 13901
Telephone: (607) 721-8250
Michael.Zamierowski@dot.ny.gov

Barton & Loguidice, D.P.C.:

Wendell Buckman, P.E.
Associate
Barton & Loguidice, D.P.C.
443 Electronics Parkway
Liverpool, New York 13088
Telephone: (315) 457-5200
WBuckman@bartonandloguidice.com





LEGEND:

- PROPOSED BRIDGE REHABILITATION
- WATER

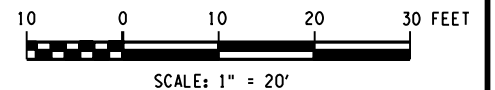


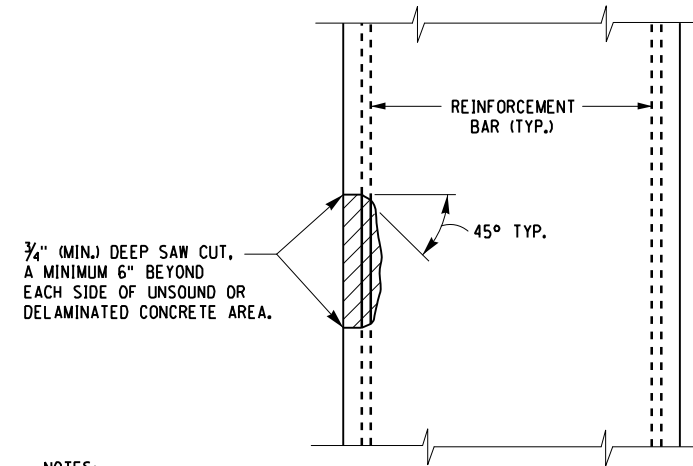
BROOME COUNTY
HIGHWAY DEPARTMENT



Department of
Transportation

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& Loguidice**



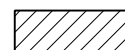


NOTES:

CHIP AT A 45° ANGLE.
USE SHARP CHISEL BIT (NOT A POINTED BIT).
WORK THE REMOVAL TOWARD THE CENTER OF THE REPAIR AREA.

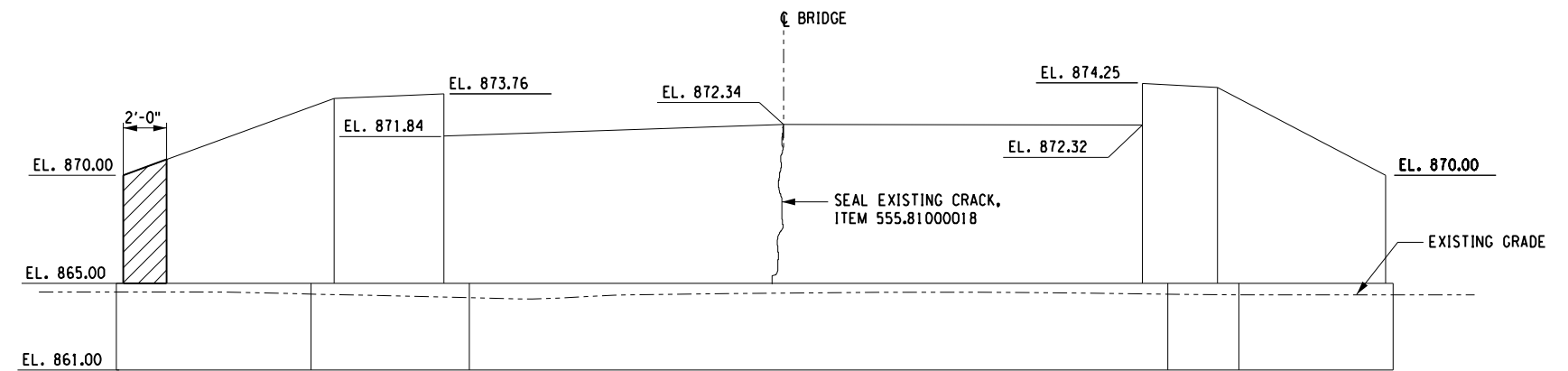
CONCRETE REPAIR DETAIL
NTS

LEGEND

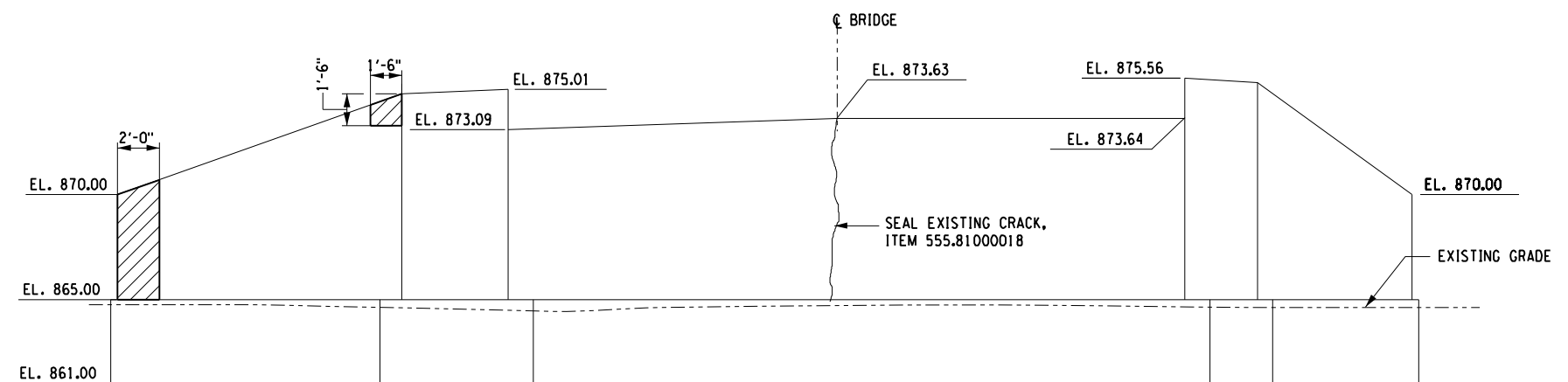
 REMOVAL AND REPLACEMENT OF STRUCTURAL CONCRETE, ITEM 582.0051

LEGEND

1. EXISTING REINFORCEMENT WITH 25% SECTION LOSS OR MORE SHALL BE REPLACED ABOVE. SUPPLEMENTAL REINFORCEMENT SHALL BE PAID UNDER ITEM 556.0202.



END ABUTMENT ELEVATION
SCALE: 1/4" = 1'-0"



BEGIN ABUTMENT ELEVATION
SCALE: 1/4" = 1'-0"

REHABILITATION OF NANTICOKE DRIVE (CR 13)
OVER BRADLEY CREEK
TOWN OF UNION, BROOME COUNTY
BIN 3349770 P.I.N. 9755.77

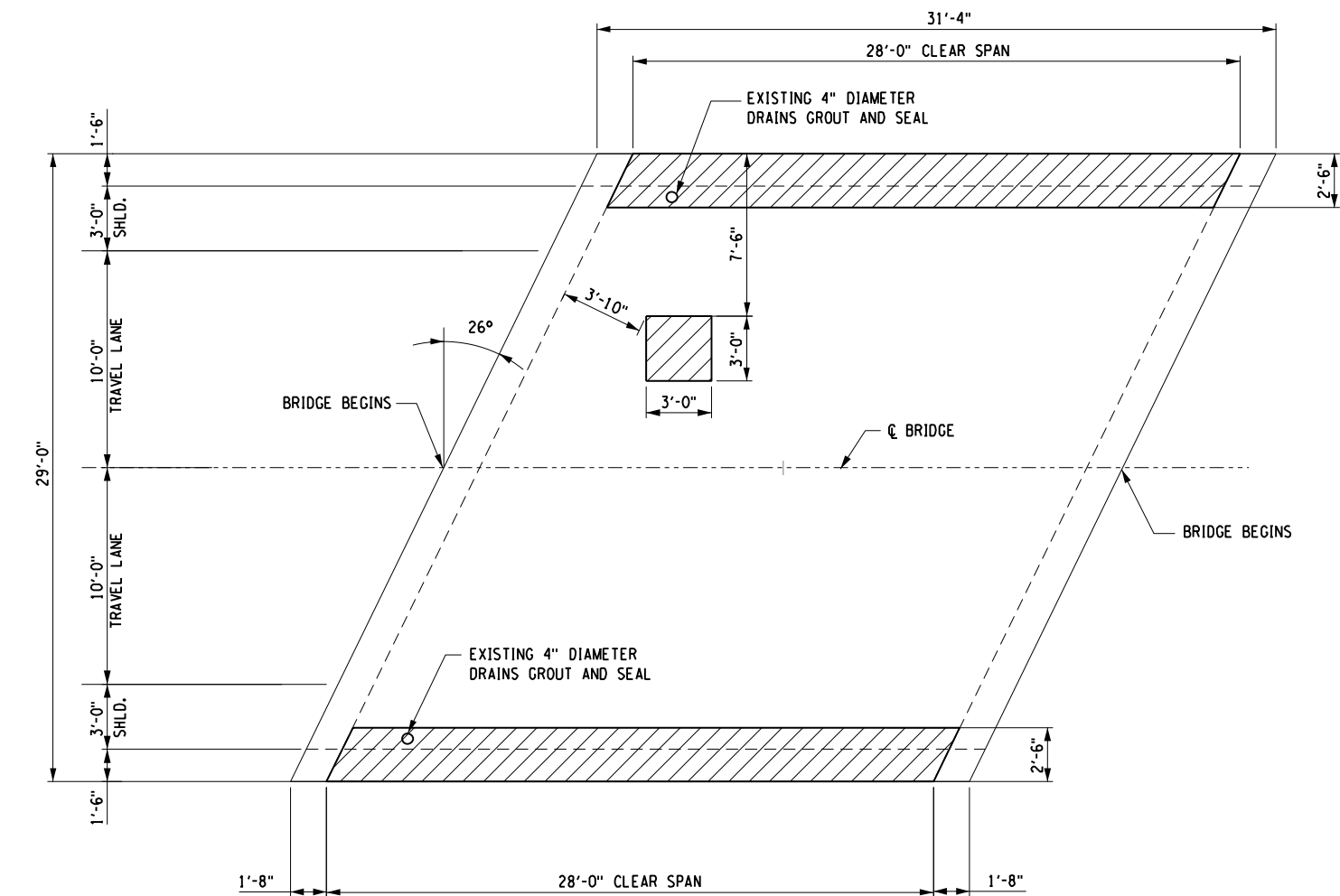


BROOME COUNTY
HIGHWAY DEPARTMENT

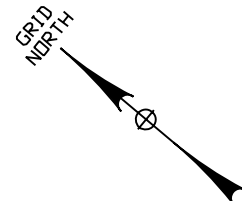


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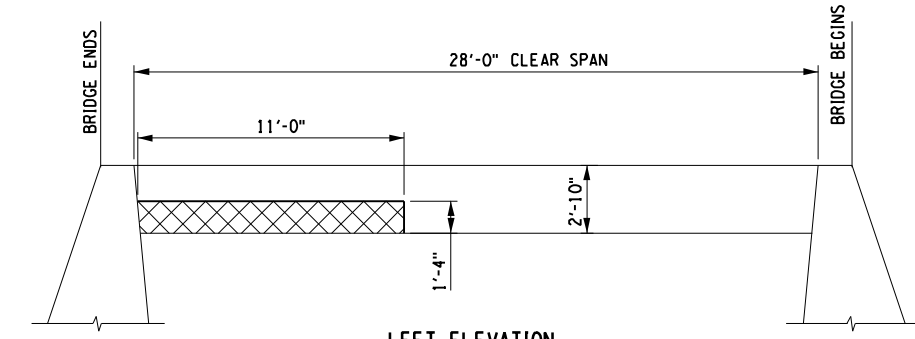


SUPERSTRUCTURE PLAN UNDERSIDE
SCALE: 1/8" = 1'-0"

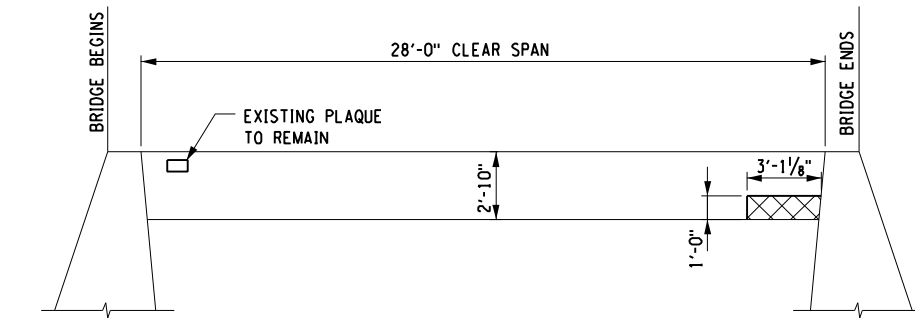


LEGEND

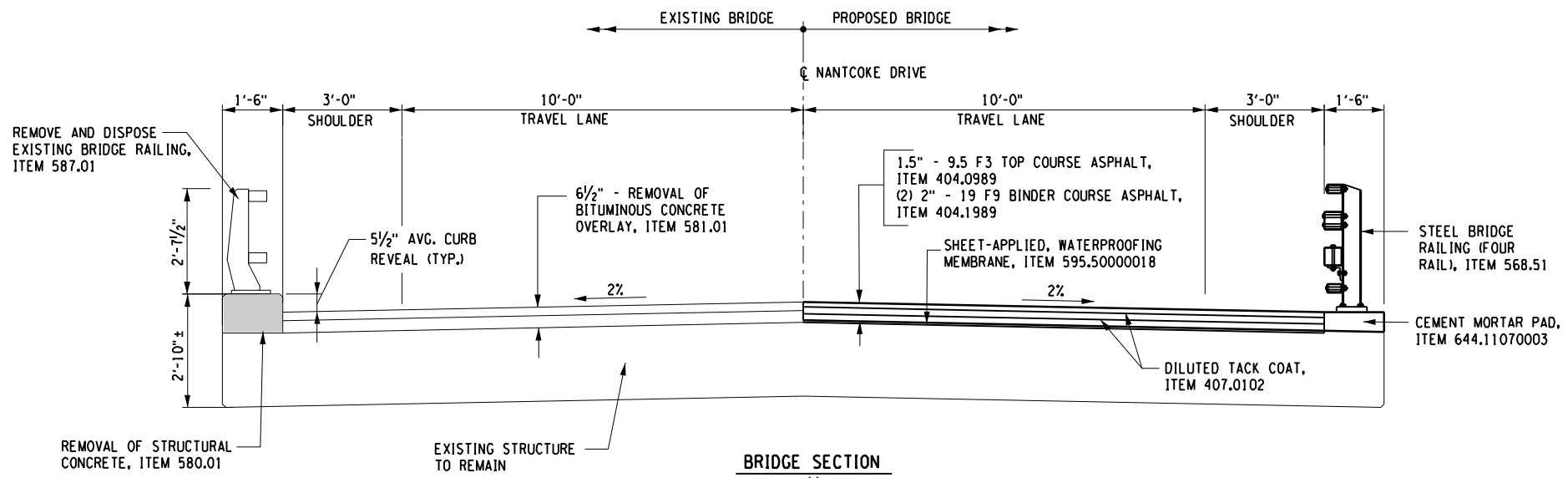
-  REMOVAL AND REPLACEMENT OF STRUCTURAL CONCRETE, ITEM 582.0051
-  REMOVAL OF STRUCTURAL CONCRETE REPLACEMENT WITH VERTICAL AND OVERHEAD PATCHING MATERIAL, ITEM 582.0061
-  REMOVAL OF STRUCTURAL CONCRETE, ITEM 580.01



LEFT ELEVATION
SCALE: 1/8" = 1'-0"



RIGHT ELEVATION
SCALE: 1/8" = 1'-0"



BRIDGE SECTION
SCALE: 1/4" = 1'-0"

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BROOME COUNTY
HIGHWAY DEPARTMENT



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**Barton
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**PIN 9755.77 – REHABILITATION OF NANTICOKE DRIVE BRIDGE
OVER BRADLEY CREEK
TOWN OF UNION
BROOME COUNTY, NEW YORK**

Written comments are welcomed by anyone interested in the project.
Comments may be mailed to:

Broome County Highway Division
RE: Nanticoke Drive Bridge Rehabilitation Project
Attn: Eduard Lavrinovich, E2
60 Hawley Street, 5th Floor (DPW-ENG)
Binghamton, NY 13902

Comments may also be emailed to the addresses listed on the project flier. The County must receive written comments no later than Friday, May 16th, 2025.

Name: _____ Telephone: _____
Address: _____

WRITTEN COMMENTS

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