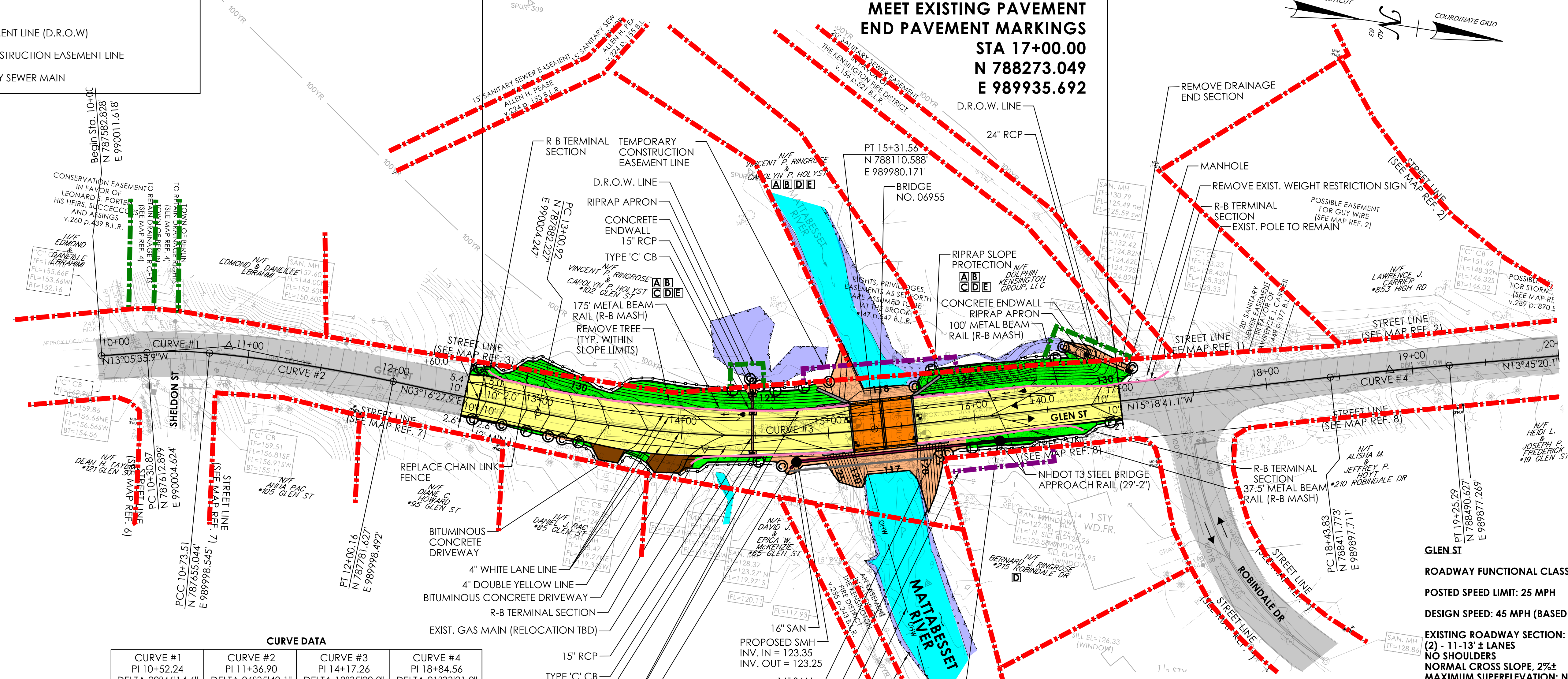
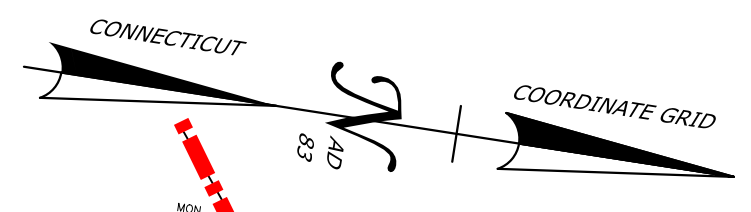


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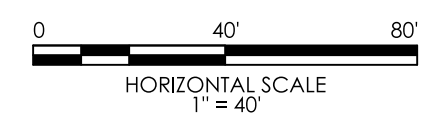
- PROPOSED BRIDGE
- PROPOSED SUBSTRUCTURE
- PROPOSED APPROACH ROADWAY RECONSTRUCTION
- EXISTING PAVEMENT
- PROPOSED FILL
- PROPOSED CUT
- WATERCOURSE
- WETLANDS
- PROPOSED DRIVEWAY RECONSTRUCTION
- PROPOSED SANITARY SEWER
- PROPOSED APPROACH GUIDERAIL
- R.O.W. LINE
- DRAINAGE EASEMENT LINE (D.R.O.W.)
- TEMPORARY CONSTRUCTION EASEMENT LINE
- EXISTING SANITARY SEWER MAIN

BEGIN PROJECT NO. 0007-0266
BEGIN FULL DEPTH PAVEMENT RECONSTRUCTION
CUT BITUMINOUS CONCRETE PAVEMENT
MEET EXISTING PAVEMENT
BEGIN PAVEMENT MARKINGS
STA 12+50.00
N 787831.387
E 990001.338

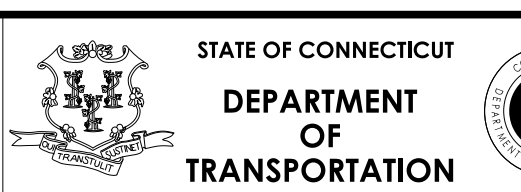
END PROJECT NO. 0007-0266
END FULL DEPTH PAVEMENT RECONSTRUCTION
CUT BITUMINOUS CONCRETE PAVEMENT
MEET EXISTING PAVEMENT
END PAVEMENT MARKINGS
STA 17+00.00
N 788273.049
E 989935.692



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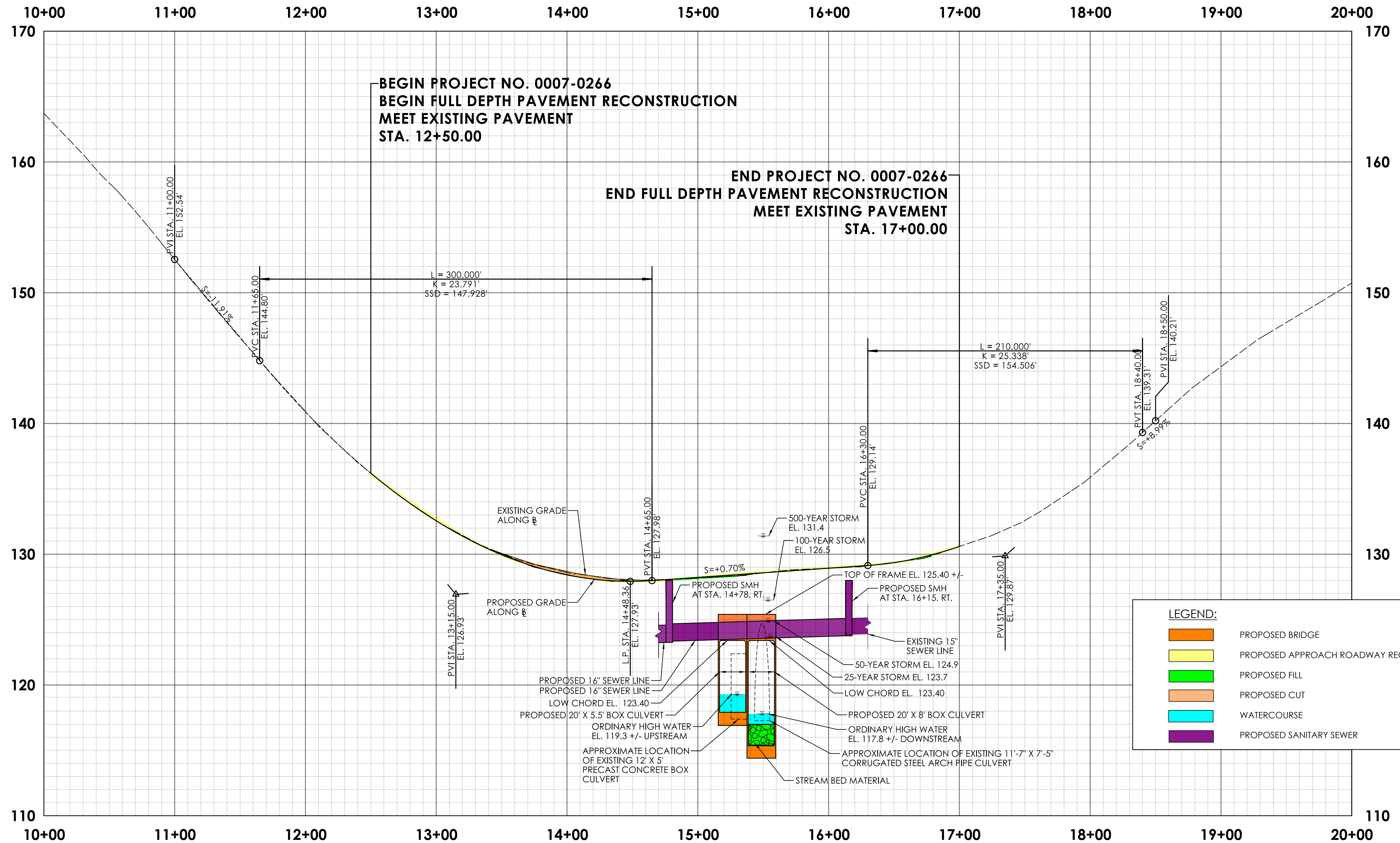


PROJECT NUMBER: 0007-0266
 PROJECT DESCRIPTION: REPLACEMENT OF BRIDGE NO. 06955; GLEN STREET OVER MATABESSET RIVER
 TOWN(S): BERLIN
 DRAWING TITLE: ROADWAY PLAN, ALTERNATIVE 3 - TWIN BOX CULVERT

DRAWING NO. HWY-05
 SHEET NO.

GLEN ST
 ROADWAY FUNCTIONAL CLASSIFICATION: LOCAL URBAN STREET
 POSTED SPEED LIMIT: 25 MPH
 DESIGN SPEED: 45 MPH (BASED ON 85TH PERCENTILE SPEEDS)
 EXISTING ROADWAY SECTION:
 (2) - 11-13' ± LANES
 NO SHOULDERS
 NORMAL CROSS SLOPE, 2%±
 MAXIMUM SUPERELEVATION: N/A CROWNED ROADWAY
 PROPOSED ROADWAY SECTION:
 (2) - 10' LANES
 5' SHOULDER NORTHBOUND
 5' BICYCLE LANE WITH 2' BUFFER SOUTHBOUND
 NORMAL CROSS SLOPE, 2%
 SUPERELEVATION: N/A CROWNED ROADWAY
 PROPOSED STRUCTURE: TWIN BOX CULVERT
 PROFILE: MAINTAIN EXISTING
 HORIZONTAL ALIGNMENT: 1' ± SHIFT WEST
 NOTES:
 1. PROPOSED DRAINAGE DESIGN SHOWN IS CONCEPTUAL. FINAL DRAINAGE DESIGN WILL BE BASED ON DRAINAGE DESIGN COMPUTATIONS.
 2. PROPOSED SEWER DESIGN SHOWN IS CONCEPTUAL. FINAL SEWER DESIGN WILL BE BASED ON DESIGN COMPUTATIONS.

- ROW LEGEND**
- DRAINAGE RIGHT OF WAY (D.R.O.W.) LINE
 - TEMPORARY CONSTRUCTION EASEMENT LINE
 - PROPERTY LINE
 - A** EASEMENT TO SLOPE FOR THE SUPPORT OF THE HIGHWAY REQUIRED
 - B** EASEMENT TO SLOPE FOR THE SAFETY OF THE HIGHWAY REQUIRED
 - C** DRAINAGE RIGHT OF WAY (D.R.O.W.) REQUIRED
 - D** TEMPORARY CONSTRUCTION EASEMENT REQUIRED
 - E** RIGHT TO INSTALL SEDIMENTATION CONTROL SYSTEM REQUIRED



LEGEND:

| | |
|--|--|
| | PROPOSED BRIDGE |
| | PROPOSED APPROACH ROADWAY RECONSTRUCTION |
| | PROPOSED FILL |
| | PROPOSED CUT |
| | WATERCOURSE |
| | PROPOSED SANITARY SEWER |

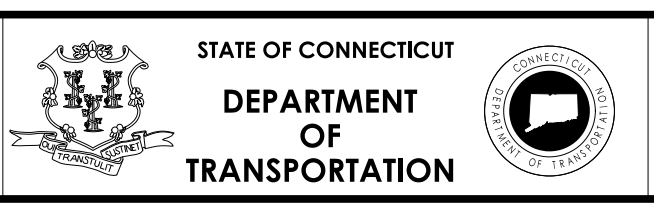
| REV. | DATE | REVISION DESCRIPTION |
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DESIGNER/DRAFTER: PRP CHECKED BY: JPP

HORIZONTAL SCALE IN FEET: 0, 40, 80

VERTICAL SCALE IN FEET: 0, 4, 8

SIGNATURE/BLOCK: _____



PROJECT NUMBER: 0007-0266

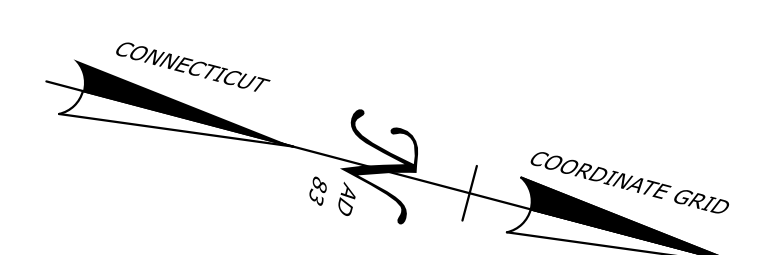
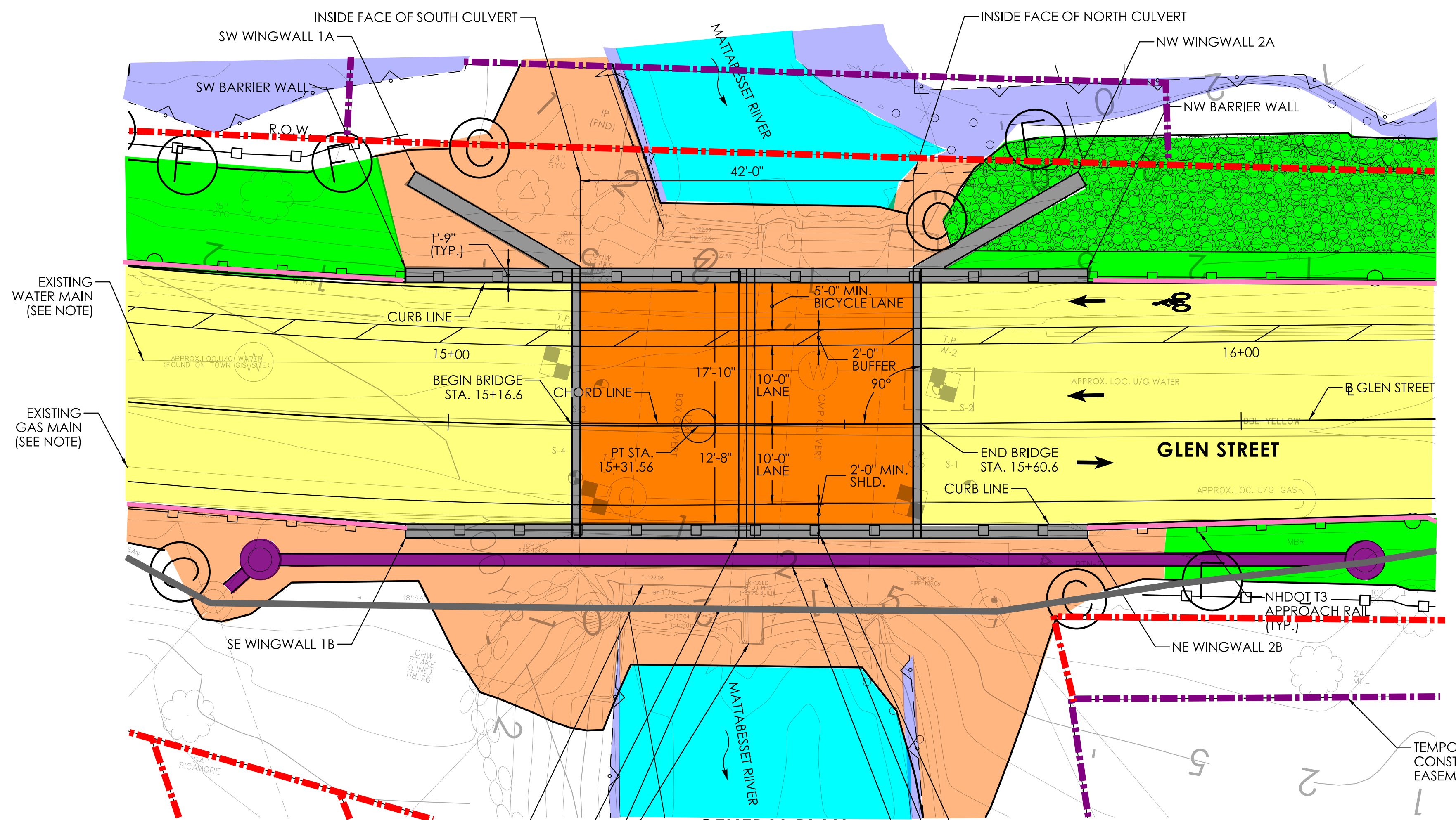
PROJECT DESCRIPTION: REPLACEMENT OF BRIDGE NO. 06955; GLEN STREET OVER MATTABESSET RIVER

TOWN(S): BERLIN

DRAWING TITLE: ROADWAY PROFILE, ALTERNATIVE 3 - TWIN BOX CULVERT

DRAWING NO. HWY-06

SHEET NO. _____



LEGEND:

- PROPOSED BRIDGE
- PROPOSED SUBSTRUCTURE
- PROPOSED APPROACH ROADWAY RECONSTRUCTION
- PROPOSED FILL
- PROPOSED CUT
- WATERCOURSE
- WETLANDS
- PROPOSED SANITARY SEWER
- PROPOSED APPROACH GUIDERAIL
- R.O.W. LINE
- TEMPORARY CONSTRUCTION EASEMENT LINE
- EXISTING SANITARY SEWER MAIN

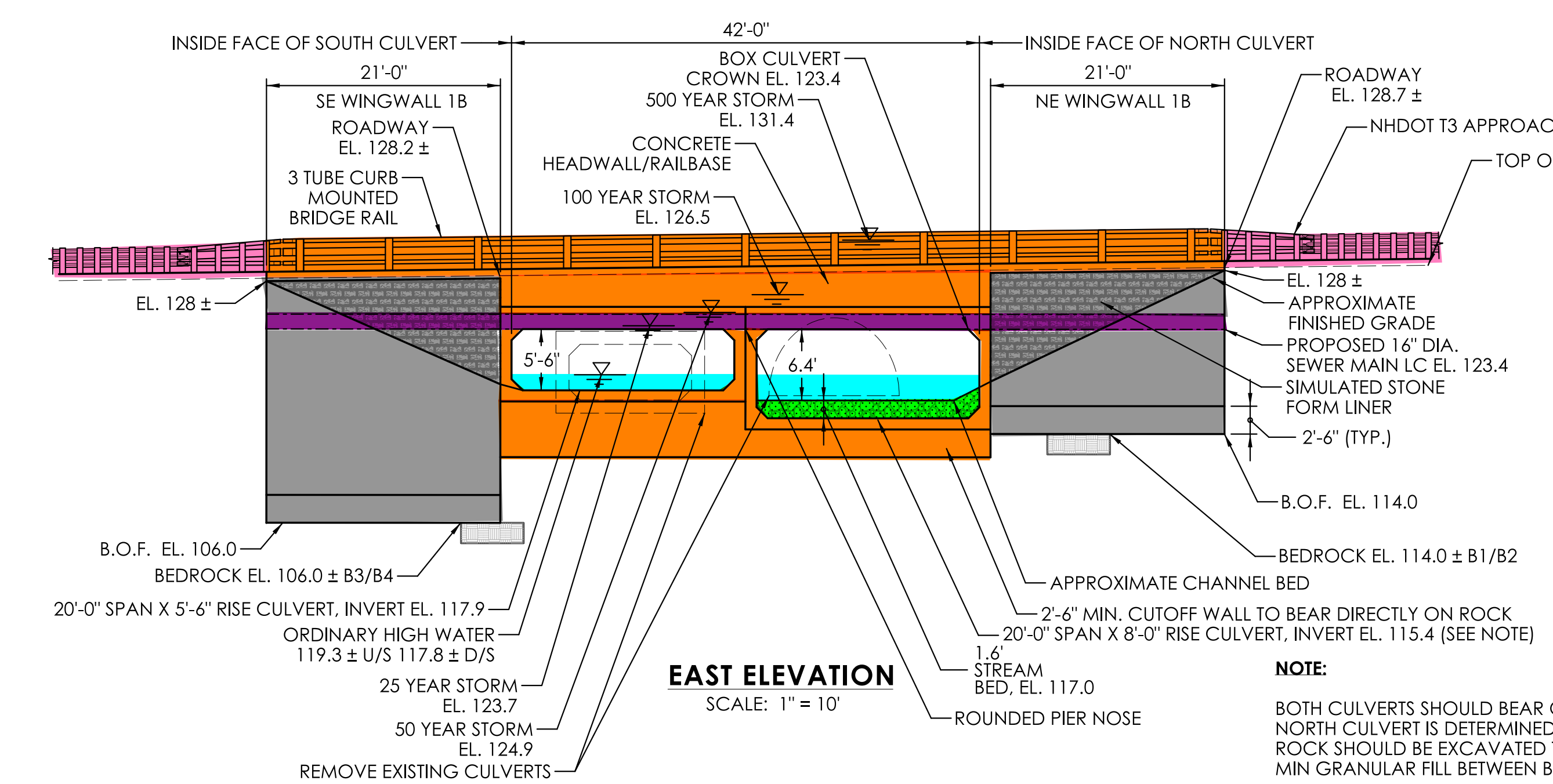
NOTE:
EXISTING GAS MAIN AND WATER MAIN SHALL BE EITHER TEMPORARILY REMOVED OUT OF SERVICE OR RELOCATED AND SUPPORTED DURING CONSTRUCTION

REMOVE EXISTING 12'X5' BOX CULVERT
PROPOSED BRIDGE NO. 06955
TEMPORARILY SUPPORT EXIST. SEWER MAIN WITH STRONGBACK SYSTEM & REMOVE EXISTING PIER. REMOVE EXIST. SEWER MAIN AFTER INSTALLATION OF PROPOSED SEWER MAIN.

GENERAL PLAN
SCALE: 1" = 10'

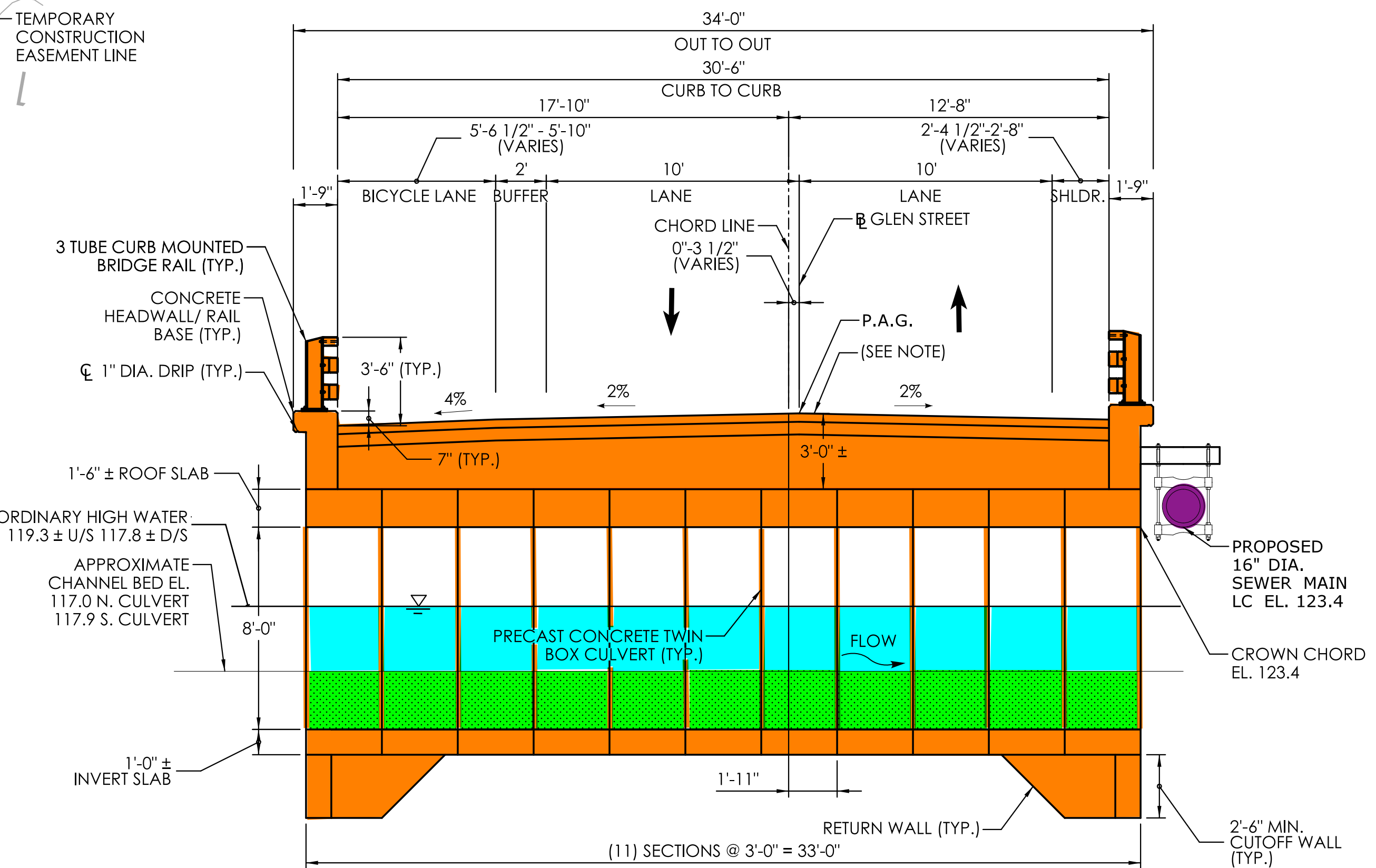
3 TUBE OPEN BRIDGE RAIL (TYP.)
REMOVE EXISTING 12' CMP CULVERT
PROPOSED SEWER MAIN

NOTE:
4" HMA S0.5 (LEVEL 2) OVER 6" PROCESSED AGGREGATE BASE OVER 18" MIN. SUBBASE OVER MEMBRANE WATERPROOFING (COLD LIQUID ELASTOMERIC)



EAST ELEVATION
SCALE: 1" = 10'

NOTE:
BOTH CULVERTS SHOULD BEAR ON SIMILAR MATERIALS. IF THE NORTH CULVERT IS DETERMINED TO BEAR DIRECTLY ON BEDROCK, ROCK SHOULD BE EXCAVATED TO ALLOW FOR PLACEMENT OF 1' MIN GRANULAR FILL BETWEEN BEDROCK AND CULVERT.

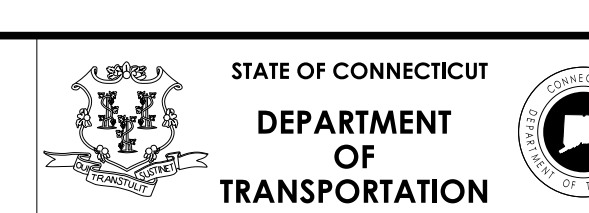


PROPOSED BRIDGE SECTION (LOOKING NORTH)
SCALE: 1/4" = 1'-0"

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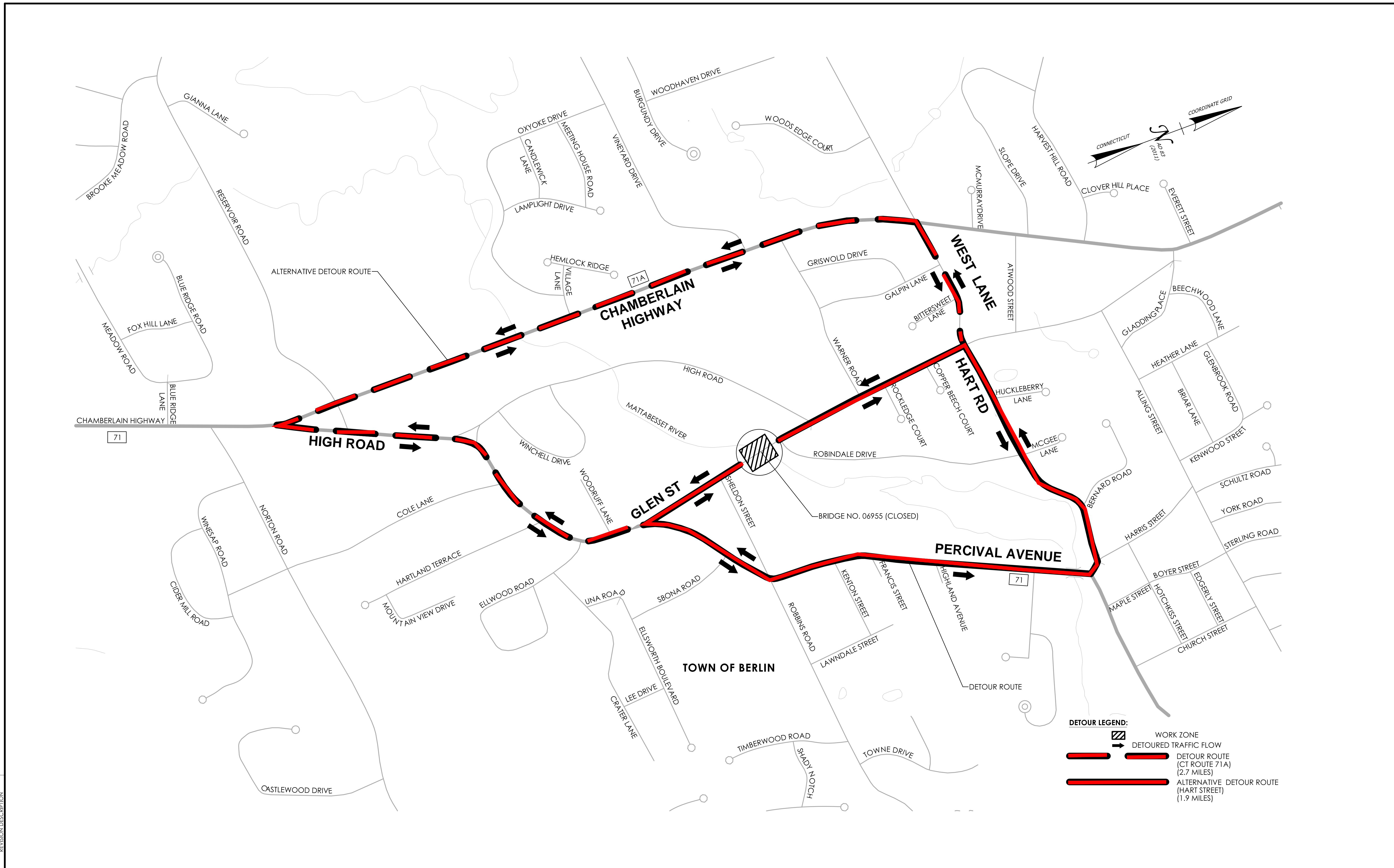
REHABILITATION STUDY REPORT

DESIGNER/DRAFTER: RAC CHECKED BY: AS



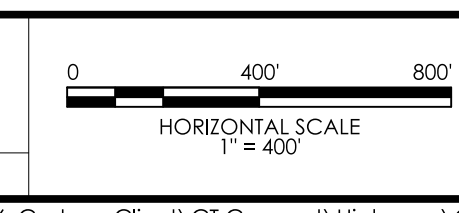
PROJECT NUMBER: 0007-0266
PROJECT DESCRIPTION: REPLACEMENT OF BRIDGE NO. 06955; GLEN STREET OVER MATTABESSET RIVER
TOWN(S): BERLIN
DRAWING TITLE: GENERAL PLAN, ELEVATION, & SECTION, ALTERNATE 3 - TWIN PRECAST CONCRETE BOX CULVERT

DRAWING NO. STR-03
SHEET NO.

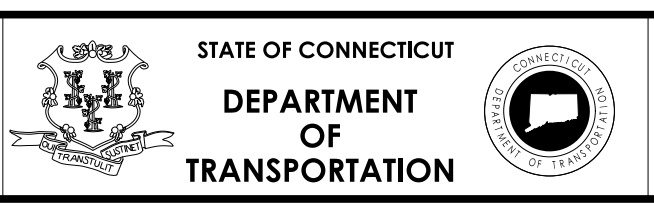


| REV. | DATE | REVISION DESCRIPTION |
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DESIGNER/DRAFTER: RH
 CHECKED BY: JPP



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 BLOCK:



PROJECT NUMBER: 0007-0266
 PROJECT DESCRIPTION: REPLACEMENT OF BRIDGE NO. 06955; GLEN STREET OVER MATTABESSET RIVER
 TOWN(S): BERLIN
 DRAWING TITLE: GLEN STREET DEOUR PLAN

DRAWING NO.
 HWY-07
 SHEET NO.