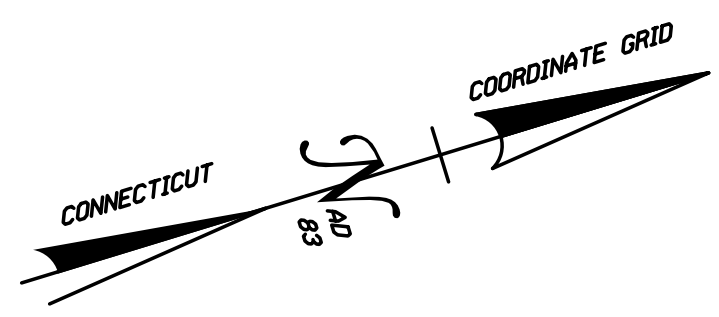


- LEGEND:**
- PROPOSED BRIDGE SUPERSTRUCTURE
 - PROPOSED ROADWAY RECONSTRUCTION
 - PROPOSED APPROACH GUIDERAIL
 - EXISTING PAVEMENT
 - EXISTING BRIDGE SUBSTRUCTURE TO BE REPAIRED
 - PROPOSED FILL
 - PROPOSED CUT
 - WATERCOURSE
 - WETLANDS
 - R.O.W. LINE

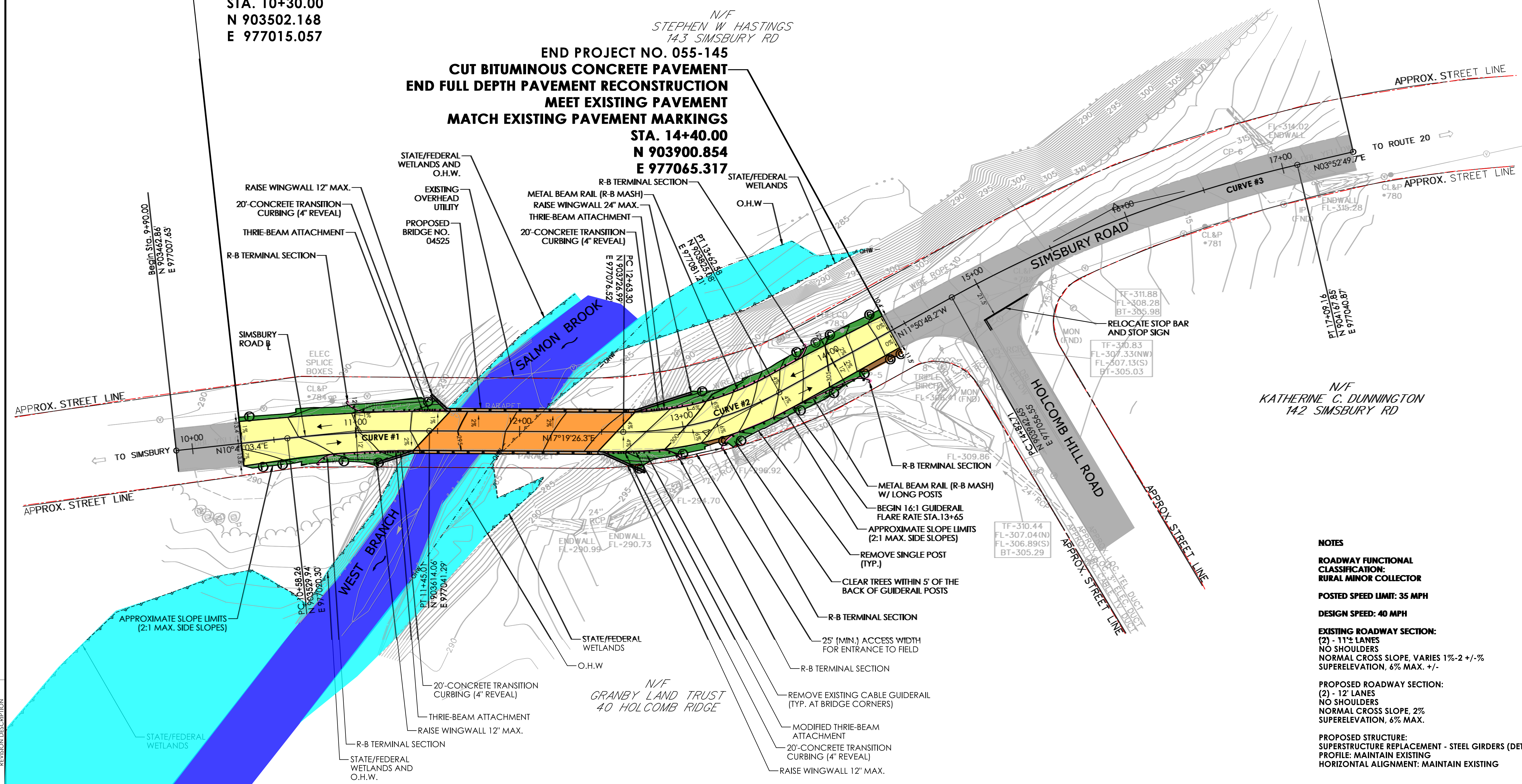
**CURVE DATA
SIMSBURY ROAD**

CURVE #1	CURVE #2	CURVE #3
DELTA 06°38'22.9"	DELTA 29°10'14.4"	DELTA 15°43'37.9"
T 43.505'	T 50.740'	T 113.944'
L 86.913'	L 99.279'	L 226.455'
R 750.000'	R 195.000'	R 825.000'
PI N 903572.606	PI N 903775.425	PI N 904054.167
PI E 977028.363	PI E 977091.627	PI E 977033.157
PI STA 11+01.29	PI STA 13+13.64	PI STA 15+96.65



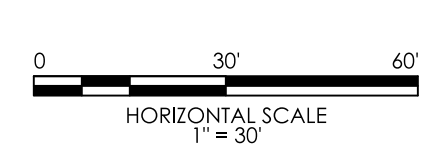
**BEGIN PROJECT NO. 055-145
CUT BITUMINOUS CONCRETE PAVEMENT
BEGIN FULL DEPTH PAVEMENT RECONSTRUCTION
MEET EXISTING PAVEMENT
MATCH EXISTING PAVEMENT MARKINGS
STA. 10+30.00
N 903502.168
E 977015.057**

**END PROJECT NO. 055-145
CUT BITUMINOUS CONCRETE PAVEMENT
END FULL DEPTH PAVEMENT RECONSTRUCTION
MEET EXISTING PAVEMENT
MATCH EXISTING PAVEMENT MARKINGS
STA. 14+40.00
N 903900.854
E 977065.317**

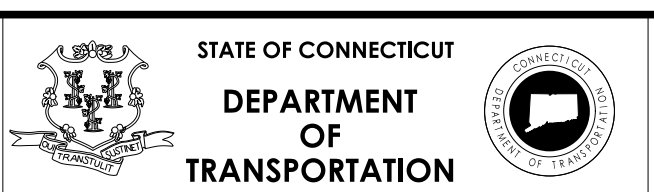


- NOTES**
- ROADWAY FUNCTIONAL CLASSIFICATION:**
RURAL MINOR COLLECTOR
 - POSTED SPEED LIMIT: 35 MPH**
 - DESIGN SPEED: 40 MPH**
 - EXISTING ROADWAY SECTION:**
(2) - 11± LANES
NO SHOULDERS
NORMAL CROSS SLOPE, VARIES 1%-2 +/-%
SUPERELEVATION, 6% MAX. +/-
 - PROPOSED ROADWAY SECTION:**
(2) - 12' LANES
NO SHOULDERS
NORMAL CROSS SLOPE, 2%
SUPERELEVATION, 6% MAX.
 - PROPOSED STRUCTURE:**
SUPERSTRUCTURE REPLACEMENT - STEEL GIRDERS (DETOUR)
PROFILE: MAINTAIN EXISTING
HORIZONTAL ALIGNMENT: MAINTAIN EXISTING

REV.	DATE	REVISION DESCRIPTION

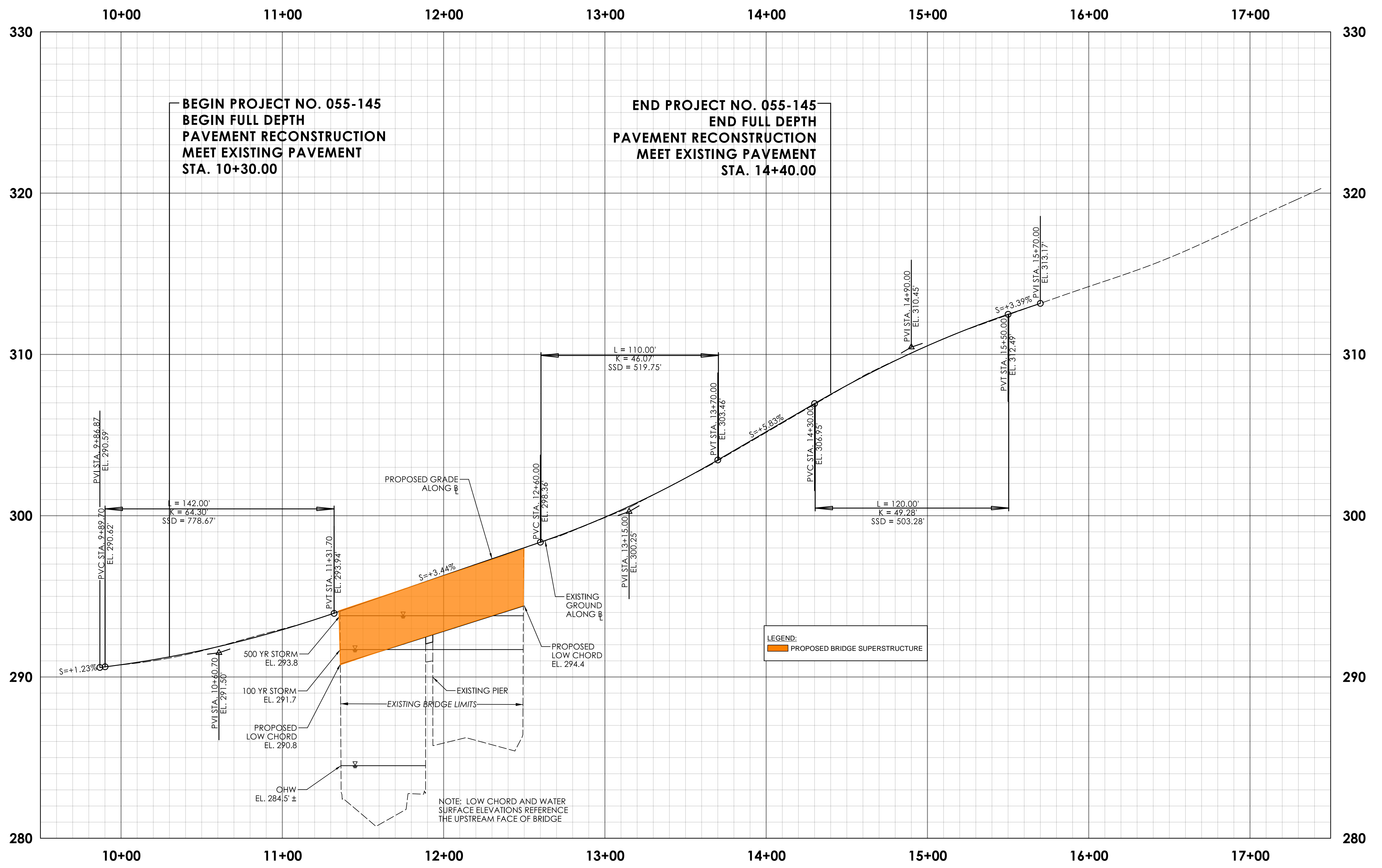


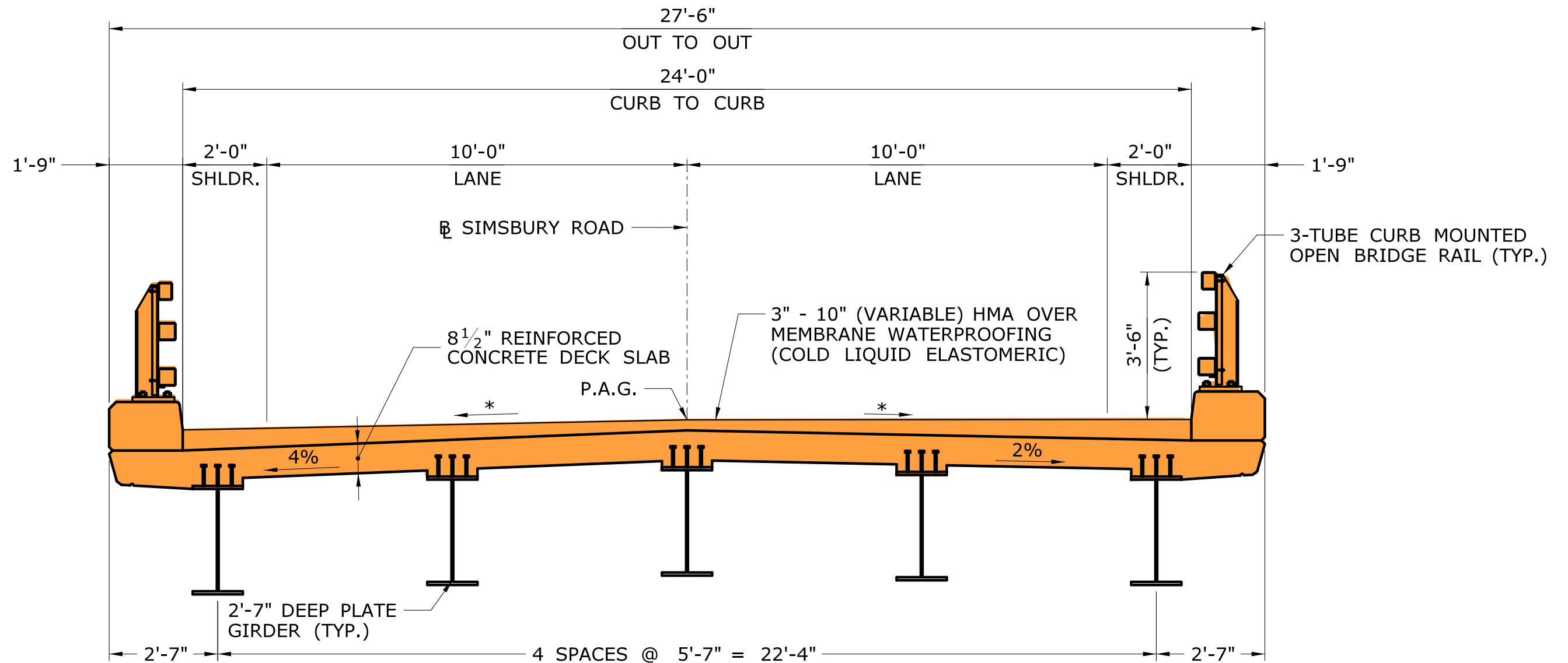
SIGNATURE/BLOCK:
CHA



PROJECT NUMBER: 055-145
PROJECT DESCRIPTION: REHABILITATION OF BRIDGE NO. 04525- SIMSBURY ROAD OVER WEST BRANCH SALMON BROOK
TOWN(S): GRANBY
DRAWING TITLE: HIGHWAY PLAN

DRAWING NO.
SHEET NO.





LEGEND:

PROPOSED BRIDGE SUPERSTRUCTURE

PROPOSED BRIDGE SECTION (LOOKING NORTH)

SCALE: 3/8"=1'-0"

- * PAVEMENT CROSS SLOPE (SEE HIGHWAY PLAN)
- SPAN 1: NORMAL CROWN VARIES (1% - 2%)
- SPAN 2: SUPERELEVATION VARIES (4% MAX.)

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



CITY/TOWN:
GRANBY

BRIDGE NO.:
04525

SCALE:
3/8"=1'-0"

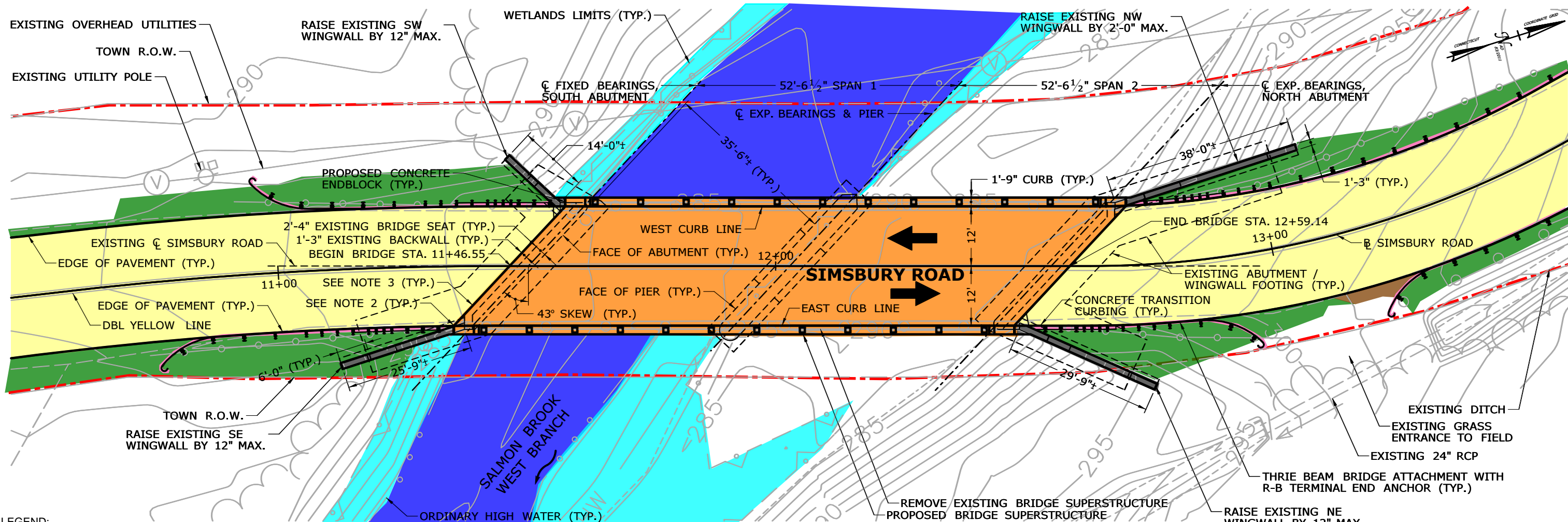
DRAWING TITLE:

CROSS SECTION

STATE PROJECT NO.:
55-145

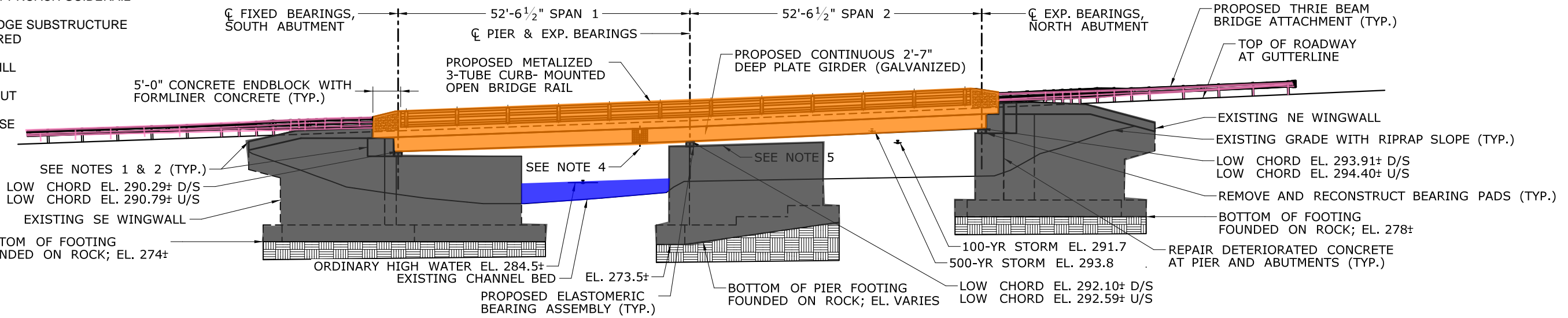
DATE:

SHEET NO.:



GENERAL PLAN

- LEGEND:**
- PROPOSED BRIDGE SUPERSTRUCTURE
 - PROPOSED ROADWAY RECONSTRUCTION
 - PROPOSED APPROACH GUIDERAIL
 - EXISTING BRIDGE SUBSTRUCTURE TO BE REPAIRED
 - PROPOSED FILL
 - PROPOSED CUT
 - WATERCOURSE
 - WETLANDS
 - R.O.W. LINE



EAST ELEVATION

- NOTES:**
- 1) RECONSTRUCT & RAISE TOP OF WINGWALL.
 - 2) PARTIALLY DEMOLISH/RECONSTRUCT EXISTING WINGWALL & BACKWALL TO INSTALL CORBEL FOR DECK END SUPPORT & TO ACCOMMODATE GUIDRAIL ATTACHMENT TO END BLOCK AND CONCRETE TRANSITION CURBING.
 - 3) PROPOSED ASPHALTIC PLUG JOINT AT ABUTMENTS ONLY.
 - 4) BOLT SPLICE MAY BE ELIMINATED BY CONTRACTOR (OPTIONAL) BASED ON TRANSPORTATION VIABILITY.
 - 5) CONSTRUCT CONCRETE KEEPER BLOCKS AT PIER AND NORTH ABUTMENT.

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STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

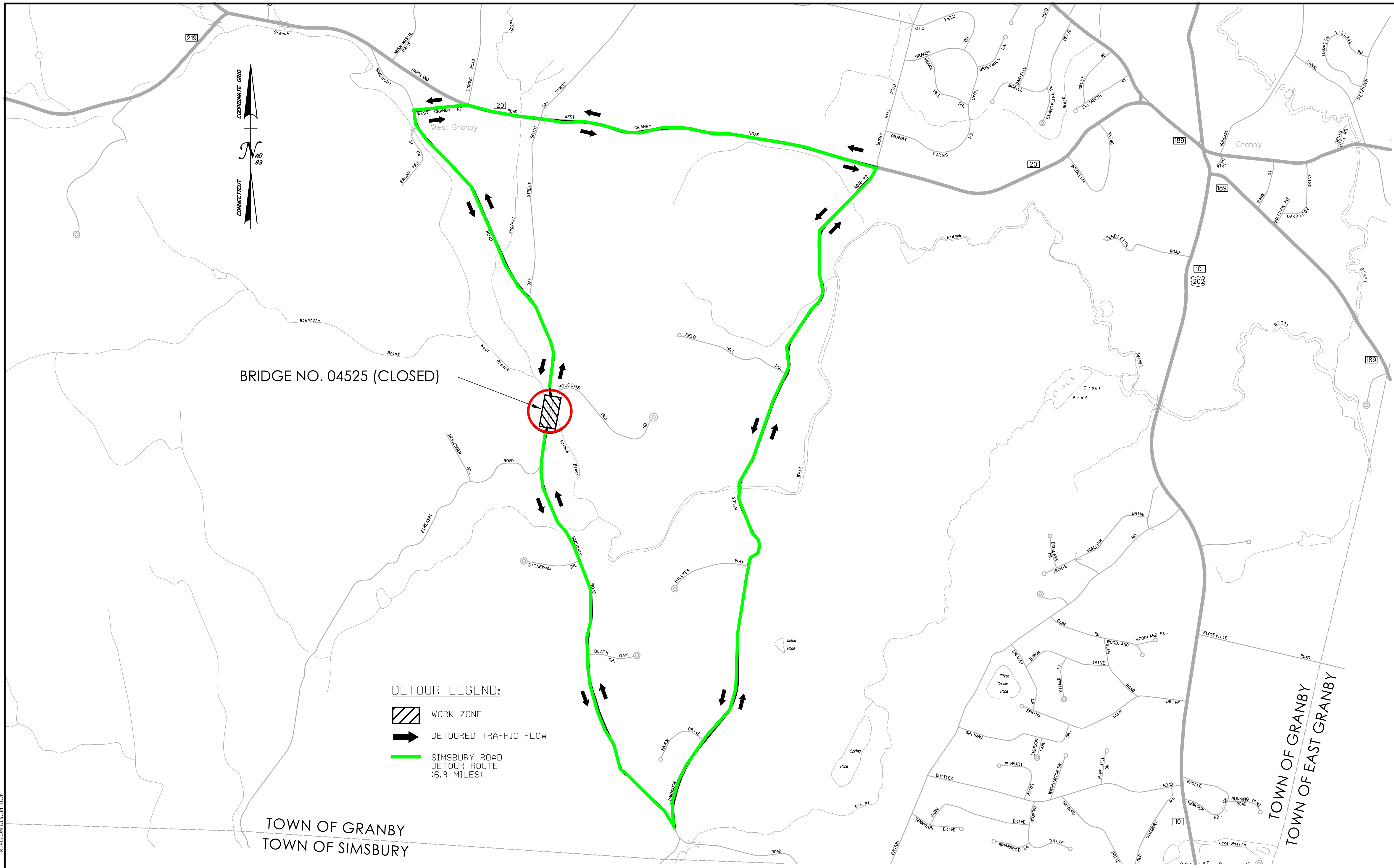
CITY/TOWN: GRANBY BRIDGE NO.: 04525 SCALE: 1"=10'

DRAWING TITLE: **BRIDGE PLAN & ELEVATION**




STATE PROJECT NO.: 55-145

DATE: _____

SHEET NO.: _____



BRIDGE NO. 04525 (CLOSED)

- DETOUR LEGEND:**
-  WORK ZONE
 -  DETOURED TRAFFIC FLOW
 -  SIMSBURY ROAD DETOUR ROUTE (6.9 MILES)

TOWN OF GRANBY
TOWN OF SIMSBURY

REV.	DATE	REVISION DESCRIPTION

LASTED SAVED BY: 7380 FILE NAME: V:\Projects\ANY\K5\067838.FED\055145P\09_Design\Drawings\CT Connect\Highways\Contract_Plans\HW_055145_Detour Plan.dgn
 PLOTTED DATE: 5/28/2021