04 - HIGHWAYS
INDEX OF DRAWINGS

DRAWING NUMBER	DRAWING TITLE	DRAWING NUMBER	DRAWING TITLE
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MDS-01	MISCELLANEOUS DETAILS		
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PLN-02	SITE 2 HIGHWAY PLAN		
PLN-03	SITE 4 HIGHWAY PLAN		
PLN-04	SITE 5 HIGHWAY PLAN		
PLN-05	SITE 8 HIGHWAY PLAN		
PLN-06	SITE 10 HIGHWAY PLAN		

THE DESIGN APPEARS TO CONFORM TO APPLICABLE CRITERIA. APPROVAL IS NOT TO BE CONSTRUED TO MEAN THAT ALL ASPECTS OF THE DESIGN HAVE BEEN PERSONALLY CHECKED BY THE UNDERSIGNED.

Joseph D. Arsenault, P.E.

Digitally signed by Joseph D. Arsenault, P.E.
Date: 2020.07.30 09:35:46-04'00'

TRANSPORTATION PRINCIPAL ENGINEER - MATTHEW R. VAIL, P.E.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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.

Plotted Date: 7/28/2020

DESIGNER/DRAFTER: CJG

CHECKED BY: JJJ

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ..\Plan\HW_MSH_0170_3527_INX.dgn

SIGNATURE/ BLOCK:
OFFICE OF ENGINEERING

APPROVED BY:

PROJECT TITLE:
STATEWIDE REPLACEMENT OF OVERHEAD SIGN SUPPORTS ON VARIOUS ROUTES

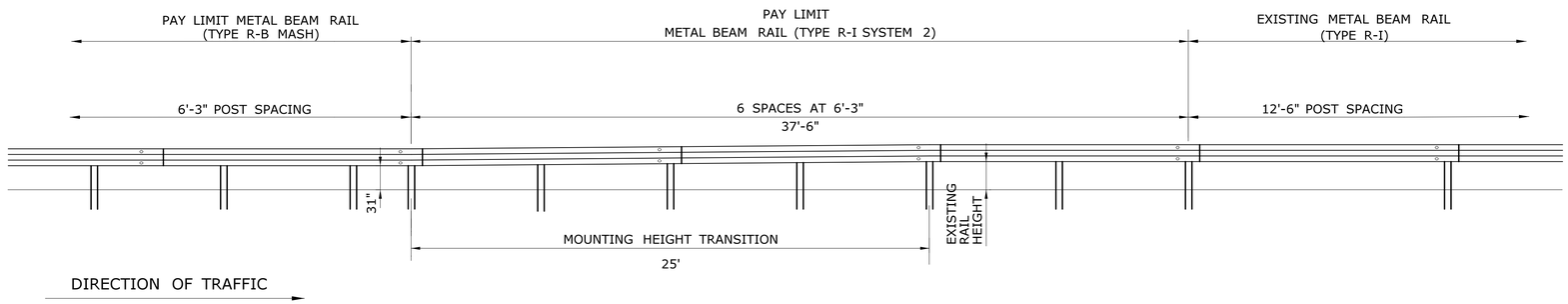
TOWN: VARIOUS

DRAWING TITLE: INDEX OF DRAWINGS

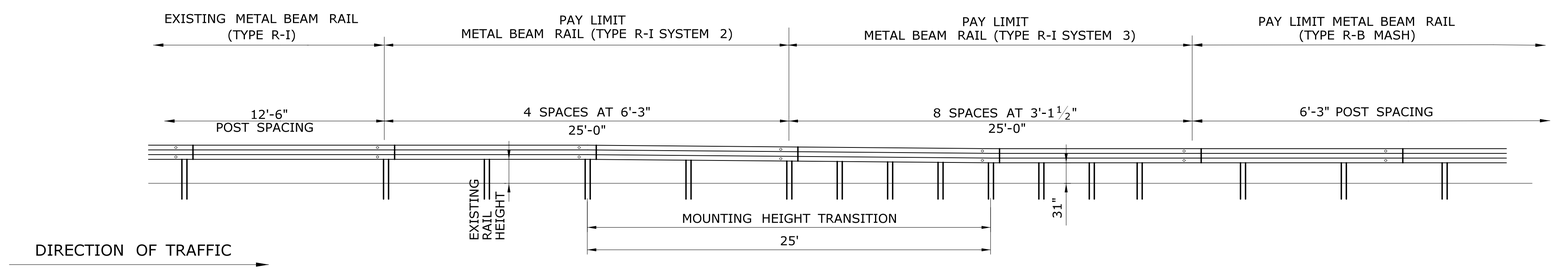
PROJECT NO. 0170-3527

DRAWING NO. INX-01

SHEET NO. 04.01



ELEVATION
STRENGTH TRANSITION OF (TYPE R-B MASH) TO (TYPE R-I)
IN THE DIRECTION OF TRAFFIC
(NOT TO SCALE)



ELEVATION
STRENGTH TRANSITION OF (TYPE R-I) TO (TYPE R-B MASH)
IN THE DIRECTION OF TRAFFIC
(NOT TO SCALE)

GENERAL NOTES

1. SEE STANDARD SHEET HW-910_19A AND HW-910_19C FOR TYPE R-I GUIDERAIL HARDWARE AND APPROPRIATE SYSTEMS.
2. INSTALL RAIL FACE AT EDGE OF ROAD OR AS SHOWN ON THE PLANS.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/22/2020

DESIGNER/DRAFTER: CJG
CHECKED BY: JJJ
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0170_3527_MDS-01.dgn

SIGNATURE/BLOCK:
OFFICE OF ENGINEERING
APPROVED BY:

PROJECT TITLE:
STATEWIDE REPLACEMENT OF OVERHEAD SIGN SUPPORTS ON VARIOUS ROUTES

TOWN: VARIOUS

DRAWING TITLE:
MISCELLANEOUS DETAILS

PROJECT NO. 0170-3527
DRAWING NO. MDS-01
SHEET NO. 04.02

GENERAL NOTES

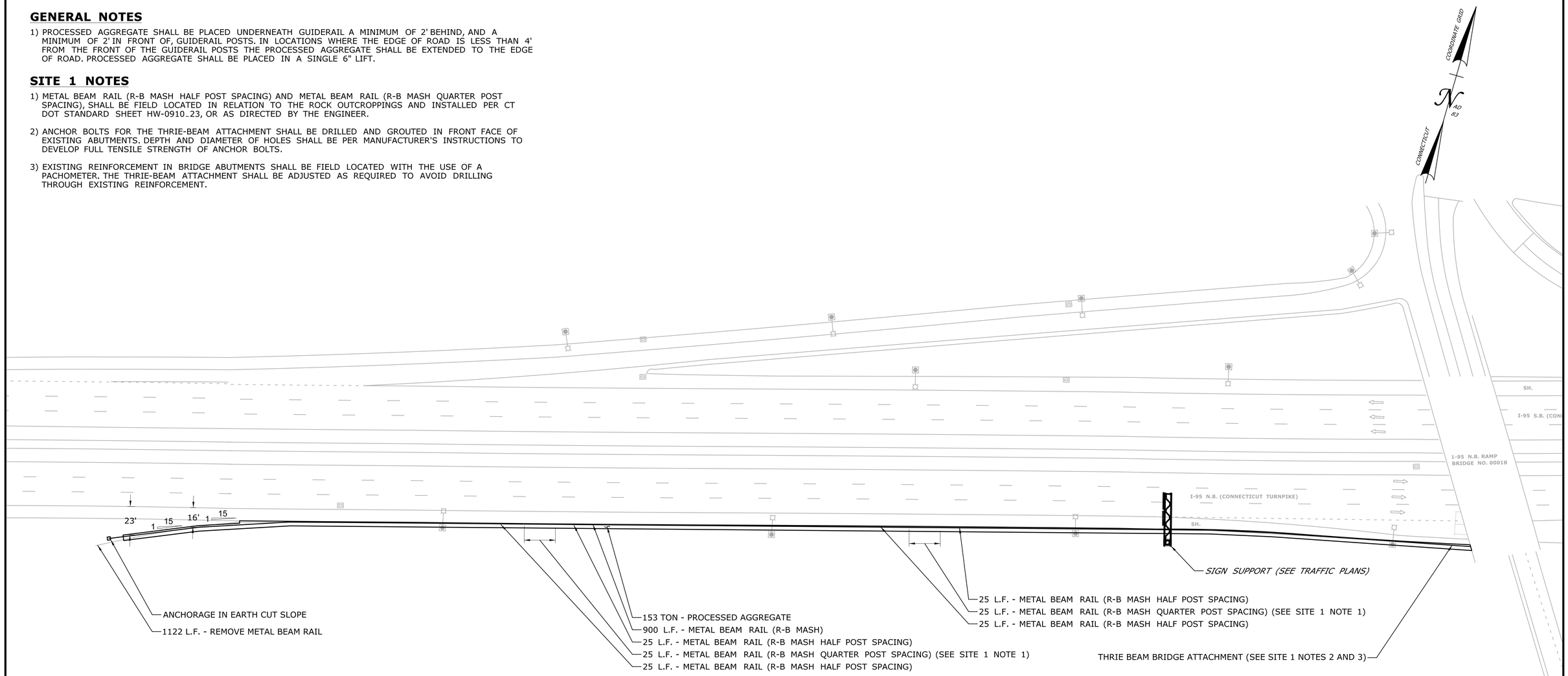
1) PROCESSED AGGREGATE SHALL BE PLACED UNDERNEATH GUIDERAIL A MINIMUM OF 2' BEHIND, AND A MINIMUM OF 2' IN FRONT OF, GUIDERAIL POSTS. IN LOCATIONS WHERE THE EDGE OF ROAD IS LESS THAN 4' FROM THE FRONT OF THE GUIDERAIL POSTS THE PROCESSED AGGREGATE SHALL BE EXTENDED TO THE EDGE OF ROAD. PROCESSED AGGREGATE SHALL BE PLACED IN A SINGLE 6" LIFT.

SITE 1 NOTES

1) METAL BEAM RAIL (R-B MASH HALF POST SPACING) AND METAL BEAM RAIL (R-B MASH QUARTER POST SPACING), SHALL BE FIELD LOCATED IN RELATION TO THE ROCK OUTCROPPINGS AND INSTALLED PER CT DOT STANDARD SHEET HW-0910_23, OR AS DIRECTED BY THE ENGINEER.

2) ANCHOR BOLTS FOR THE THRIE-BEAM ATTACHMENT SHALL BE DRILLED AND GROUTED IN FRONT FACE OF EXISTING ABUTMENTS. DEPTH AND DIAMETER OF HOLES SHALL BE PER MANUFACTURER'S INSTRUCTIONS TO DEVELOP FULL TENSILE STRENGTH OF ANCHOR BOLTS.

3) EXISTING REINFORCEMENT IN BRIDGE ABUTMENTS SHALL BE FIELD LOCATED WITH THE USE OF A PACHOMETER. THE THRIE-BEAM ATTACHMENT SHALL BE ADJUSTED AS REQUIRED TO AVOID DRILLING THROUGH EXISTING REINFORCEMENT.



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Plotted Date: 6/22/2020

DESIGNER/DRAFTER: CJG

CHECKED BY: JJJ

SCALE IN FEET
0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\Plan\HW_MSH_0170_3527_PLN.dgn

SIGNATURE/ BLOCK:
OFFICE OF ENGINEERING

APPROVED BY:

PROJECT TITLE:
STATEWIDE REPLACEMENT OF OVERHEAD SIGN SUPPORTS ON VARIOUS ROUTES

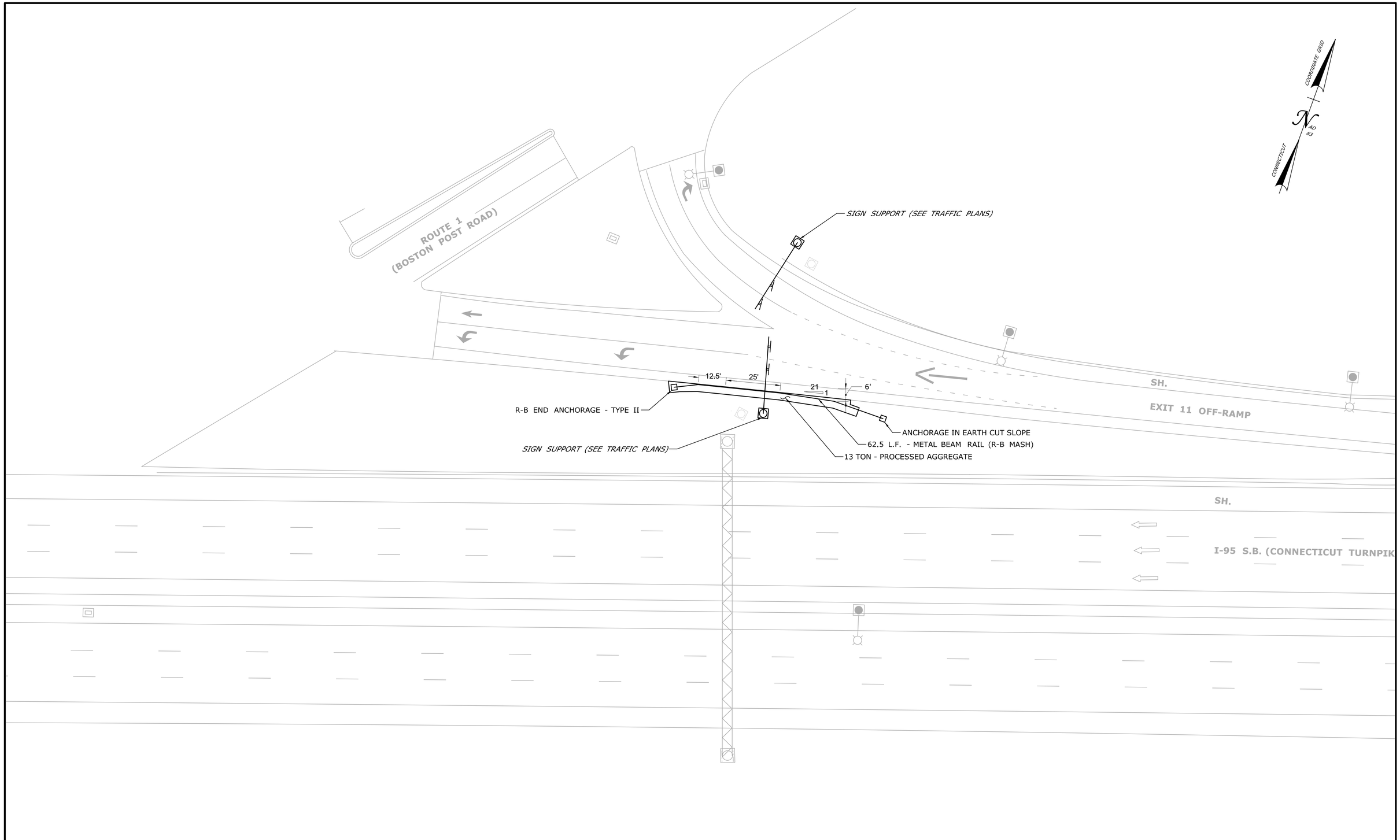
TOWN: GREENWICH

DRAWING TITLE:
SITE 1
HIGHWAY PLAN

PROJECT NO. 0170-3527

DRAWING NO. PLN-01

SHEET NO. 04.03



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Plotted Date: 6/22/2020

DESIGNER/DRAFTER: CJG

CHECKED BY: JJJ

SCALE IN FEET
0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\Plan\HW_MSH_0170_3527_PLN.dgn

SIGNATURE/ BLOCK:
OFFICE OF ENGINEERING

APPROVED BY:
Matthew Vaul

PROJECT TITLE:
STATEWIDE REPLACEMENT OF OVERHEAD SIGN SUPPORTS ON VARIOUS ROUTES

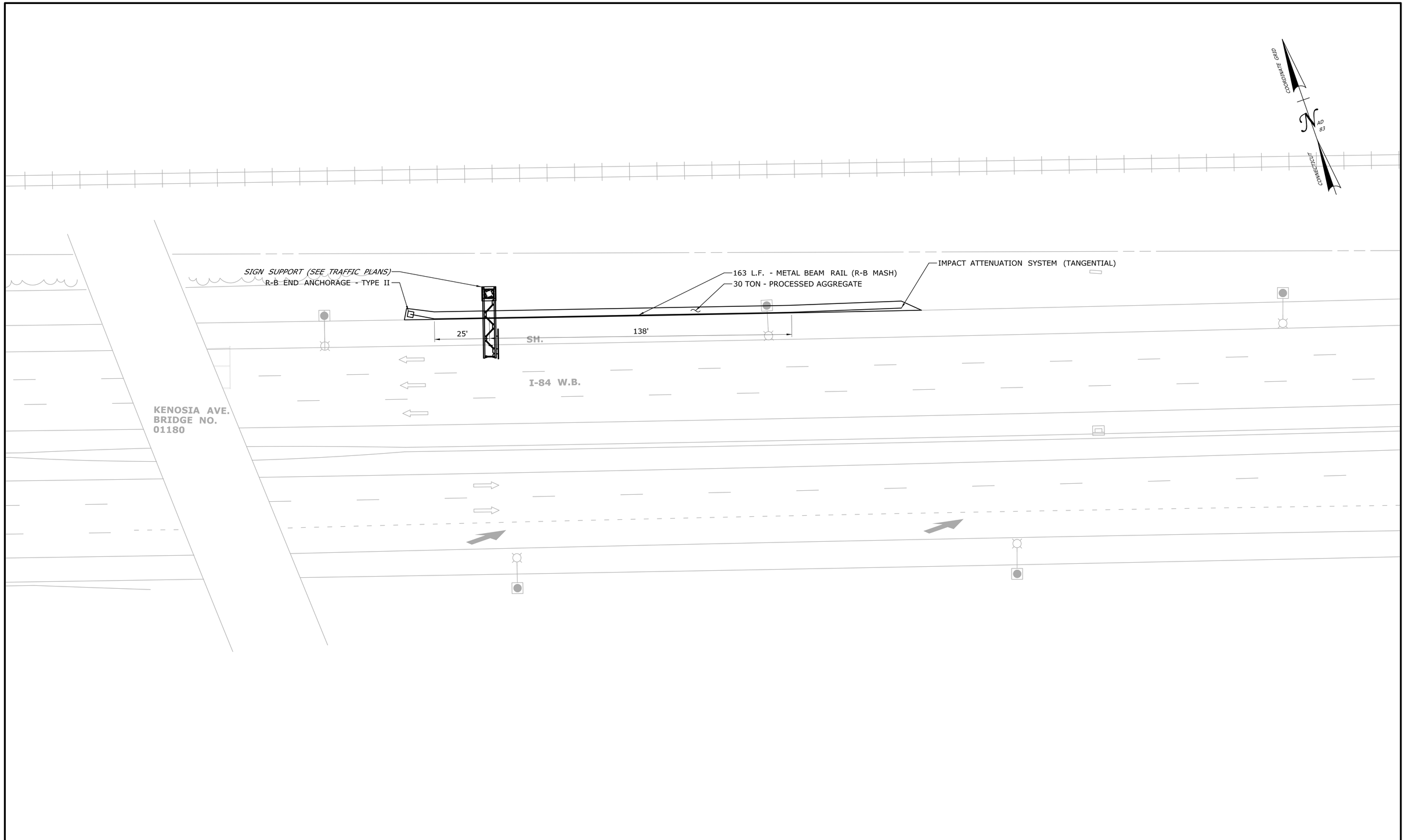
TOWN: DARIEN

DRAWING TITLE:
SITE 2
HIGHWAY PLAN

PROJECT NO. 0170-3527

DRAWING NO. PLN-02

SHEET NO. 04.04



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Plotted Date: 6/25/2020

DESIGNER/DRAFTER: CJG

CHECKED BY: JJJ

SCALE IN FEET
0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\Plan\HW_MSH_0170_3527_PLN.dgn

SIGNATURE/ BLOCK:
OFFICE OF ENGINEERING

APPROVED BY:
Matthew Vail

PROJECT TITLE:
STATEWIDE REPLACEMENT OF OVERHEAD SIGN SUPPORTS ON VARIOUS ROUTES

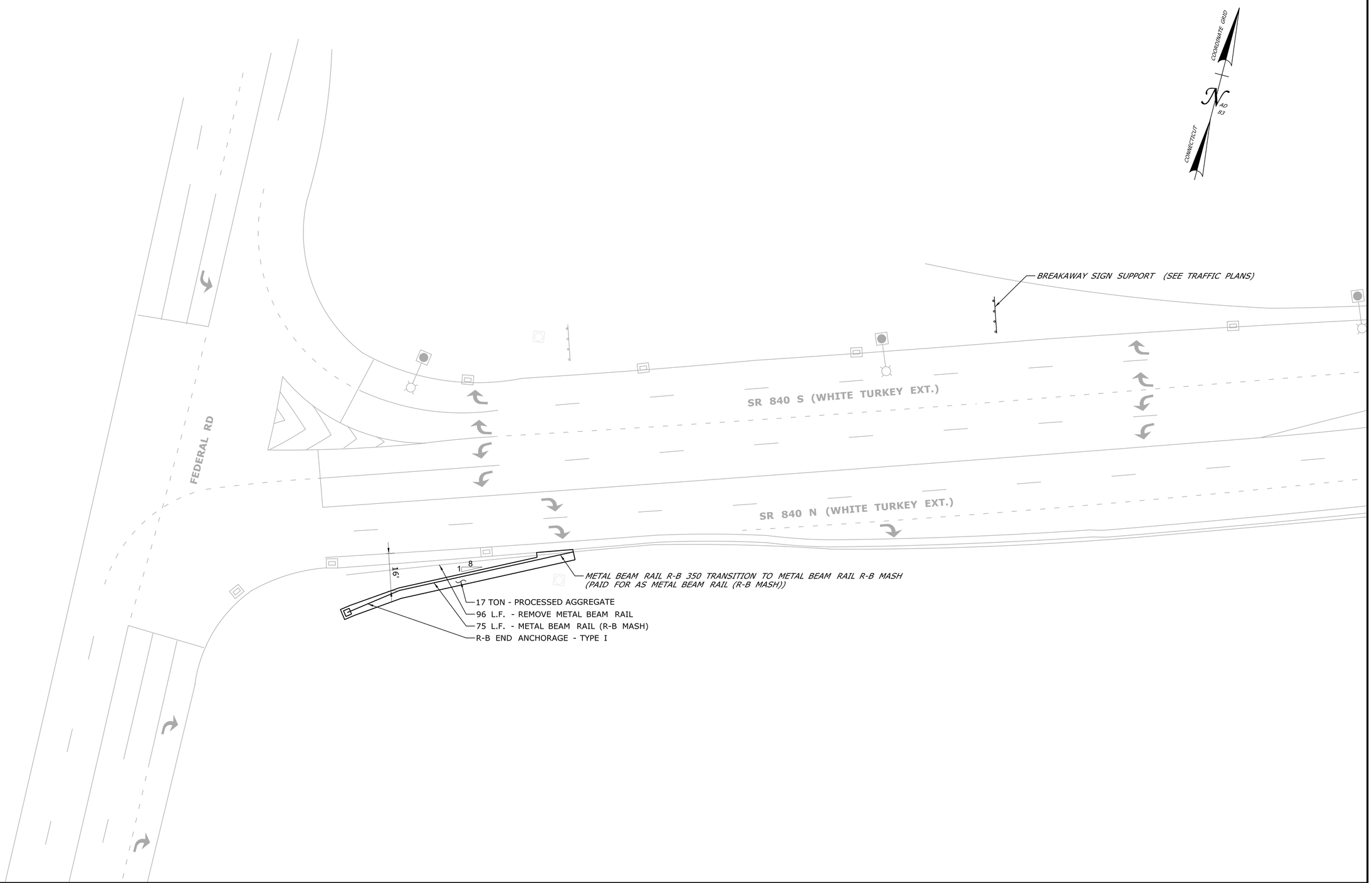
TOWN: DANBURY

DRAWING TITLE:
SITE 4
HIGHWAY PLAN

PROJECT NO. 0170-3527

DRAWING NO. PLN-03

SHEET NO. 04.05



REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/25/2020

DESIGNER/DRAFTER: CJG

CHECKED BY: JJJ

SCALE IN FEET
0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\Plan\HW_MSH_0170_3527_PLN.dgn

SIGNATURE/ BLOCK:
OFFICE OF ENGINEERING

APPROVED BY:
Matthew Vail

PROJECT TITLE:
STATEWIDE REPLACEMENT OF OVERHEAD SIGN SUPPORTS ON VARIOUS ROUTES

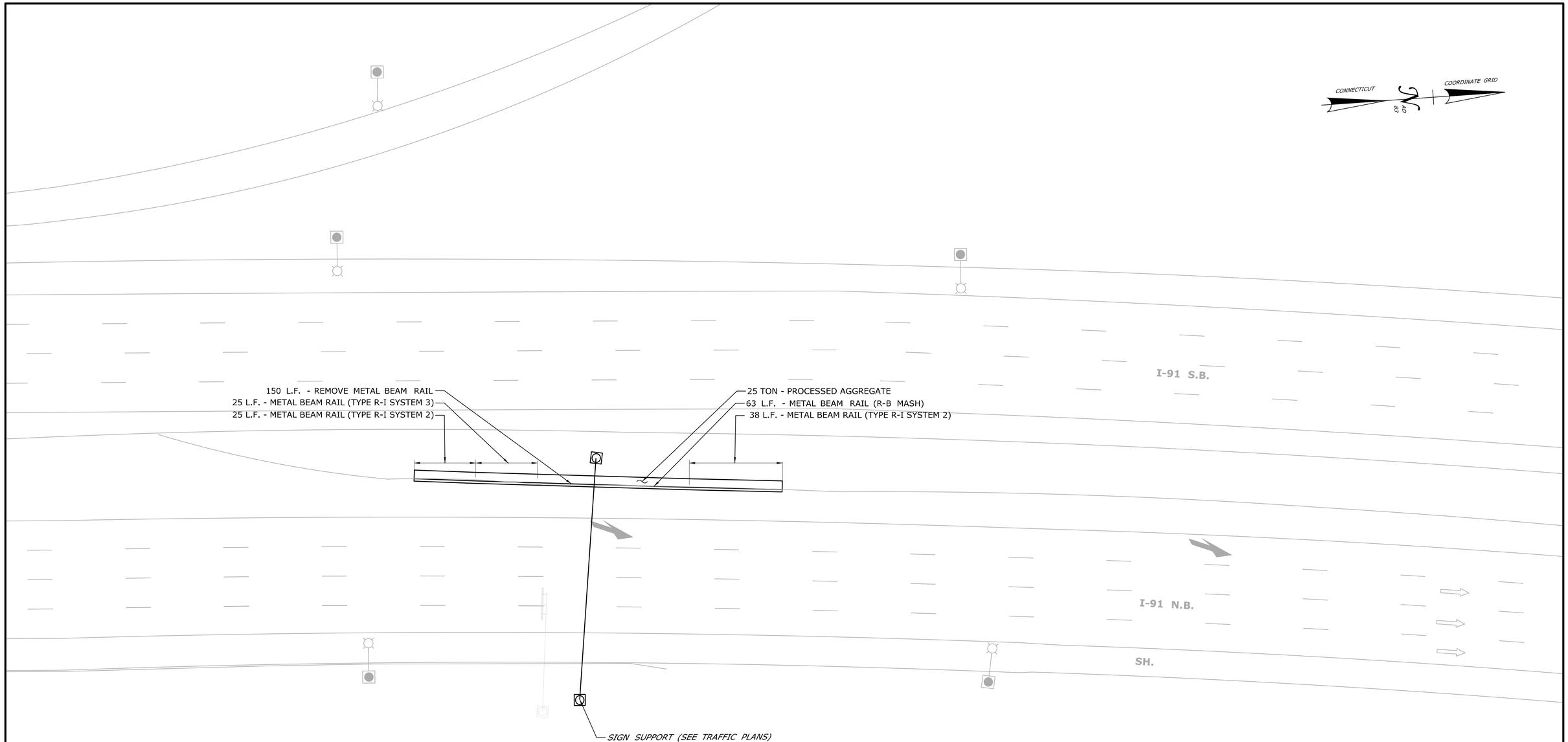
TOWN: **DANBURY**

DRAWING TITLE:
SITE 5 HIGHWAY PLAN

PROJECT NO. **0170-3527**

DRAWING NO. **PLN-04**

SHEET NO. **04.06**



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Plotted Date: 6/25/2020

DESIGNER/DRAFTER: CJG

CHECKED BY: JJJ

SCALE IN FEET 0 20 40

SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\Plan\HW_MSH_0170_3527_PLN.dgn

SIGNATURE/ BLOCK:

OFFICE OF ENGINEERING

APPROVED BY:

Matthew Vail

PROJECT TITLE:

STATEWIDE REPLACEMENT OF OVERHEAD SIGN SUPPORTS ON VARIOUS ROUTES

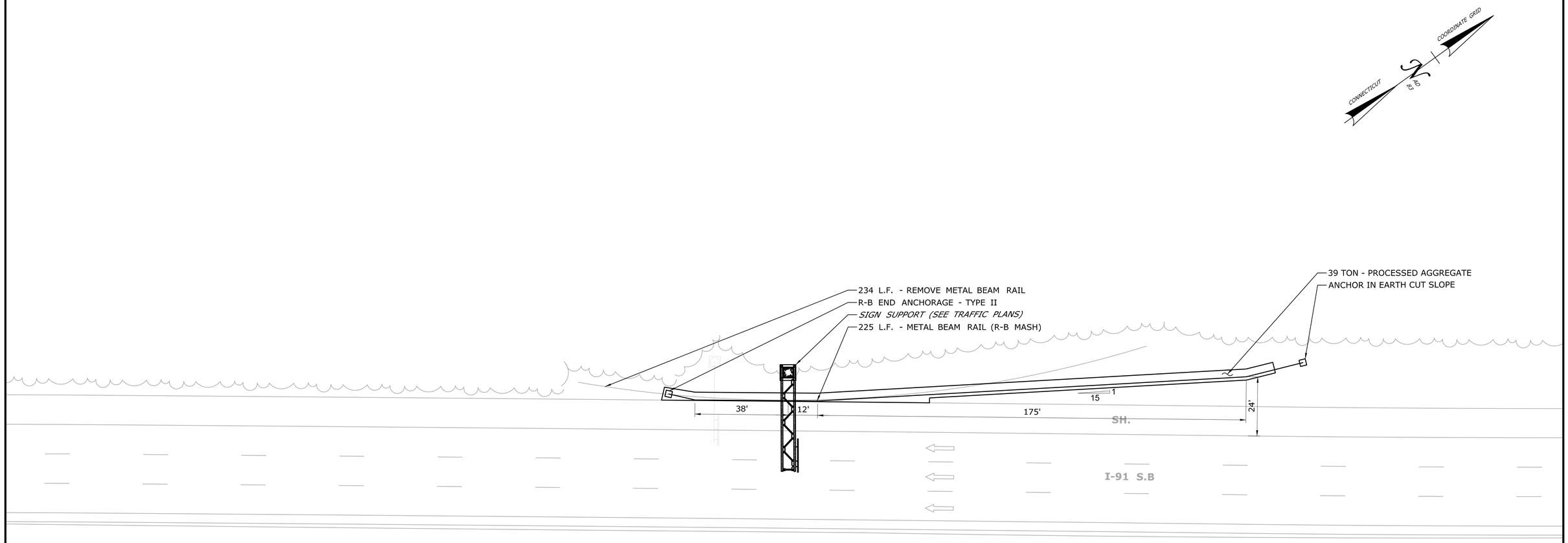
TOWN: NORTH HAVEN

DRAWING TITLE: SITE 8 HIGHWAY PLAN

PROJECT NO. 0170-3527

DRAWING NO. PLN-05

SHEET NO. 04.07



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Plotted Date: 6/22/2020

DESIGNER/DRAFTER: CJG

CHECKED BY: JJJ

SCALE IN FEET 0 20 40

SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\Plan\HW_MSH_0170_3527_PLN.dgn

SIGNATURE/ BLOCK:

OFFICE OF ENGINEERING

APPROVED BY:

Matthew Vaz

PROJECT TITLE:

STATEWIDE REPLACEMENT OF OVERHEAD SIGN SUPPORTS ON VARIOUS ROUTES

TOWN: WALLINGFORD

DRAWING TITLE: SITE 10 HIGHWAY PLAN

PROJECT NO. 0170-3527

DRAWING NO. PLN-06

SHEET NO. 04.08