03 - HIGHWAYS
INDEX OF DRAWINGS

DRAWING NUMBER	DRAWING TITLE	DRAWING NUMBER	DRAWING TITLE
HWY-01	INDEX OF HIGHWAY DRAWINGS	XSC-49 TO XSC-65	I-91 FINAL CROSS SECTIONS
HWY-02	I-91 TYPICAL SECTIONS - FINAL	MISC-01 TO MISC-07	MISCELLANEOUS DETAILS
HWY-03 TO HWY-05	FINAL ROADWAY PLANS		
HWY-06 TO HWY-09	I-91 ROADWAY PROFILES - FINAL		
HWY-10	ACCESS ROAD LOCATIONS		
HWY-11	TYPICAL ACCESS ROAD SECTIONS		
HWY-12	TEMPORARY ACCESS ROAD PROFILES		
HWY-13	NB ACCESS ROAD CROSS SECTIONS-01		
HWY-14	NB ACCESS ROAD CROSS SECTIONS-02		
HWY-15	NB ACCESS ROAD CROSS SECTIONS-03		
HWY-16	SB ACCESS ROAD CROSS SECTIONS-01		
HWY-17	SB ACCESS ROAD CROSS SECTIONS-02		
HWY-18	SB ACCESS ROAD CROSS SECTIONS-03		
KEY-01	KEY PLAN - FINAL		
KEY-02 TO KEY-04	KEY PLAN STAGES 1-3		
PLN-01 TO PLN-09	STAGE 1-3 ROADWAY PLAN		
DRN-01 TO DRN-09	STAGE 1-3 DRAINAGE PLAN		
TYP-01 TO TYP-04	TYPICAL SECTIONS STAGE 1-3		
PRO-01 TO PRO-06	STAGE 1-3 PROFILES		
XSC-01 TO XSC-48	STAGE 1-3 CROSS SECTIONS		

DESIGNED BY:
A. DICESARE ASSOCIATES, P.C.

STATE OF CONNECTICUT · ARTHUR J. DICESARE · LICENSED PROFESSIONAL ENGINEER

Arthur DiCesare
2025.09.15
13:44:57-04'00'

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DESIGNER/DRAFTER: AMW CHECKED BY: JVS

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S):
ENFIELD

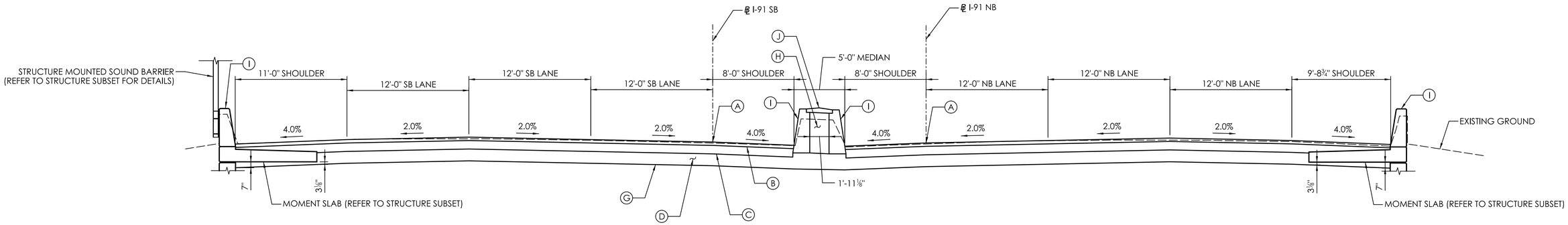
DRAWING TITLE:
INDEX OF HIGHWAY DRAWINGS

PROJECT NO.:
0048-0200

DRAWING NO.:
HWY-01

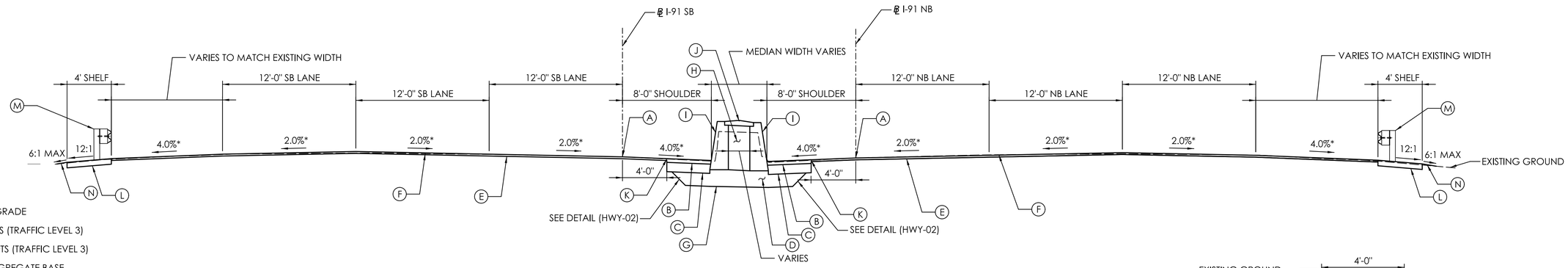
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PLOTTED DATE: 8/18/2025



I-91 TYPICAL SECTION

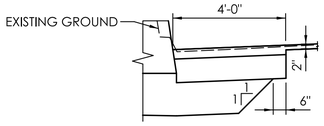
SCALE: 1" = 5'-0"
FULL DEPTH ROADWAY CONSTRUCTION
I-91 NB STA 43+00 TO STA 45+00
I-91 SB STA 42+98.50 TO STA 44+98.50



I-91 TYPICAL SECTION

SCALE: 1" = 5'-0"
MEDIAN RECONSTRUCTION/MILL AND OVERLAY
I-91 NB STA 36+51.5 TO STA 43+00
I-91 SB STA 36+50 TO STA 42+98.50
AND
I-91 NB STA 45+00 TO STA 55+71.74
I-91 SB STA 44+98.50 TO STA 55+70

* CROSS SLOPES WILL TRANSITION TO MATCH EXISTING FROM
NB STA 36+51.50 TO 37+00
SB STA 36+50 TO 36+98.50
AND
NB STA 55+25 TO 55+71.74
SB STA 55+25 TO 55+70

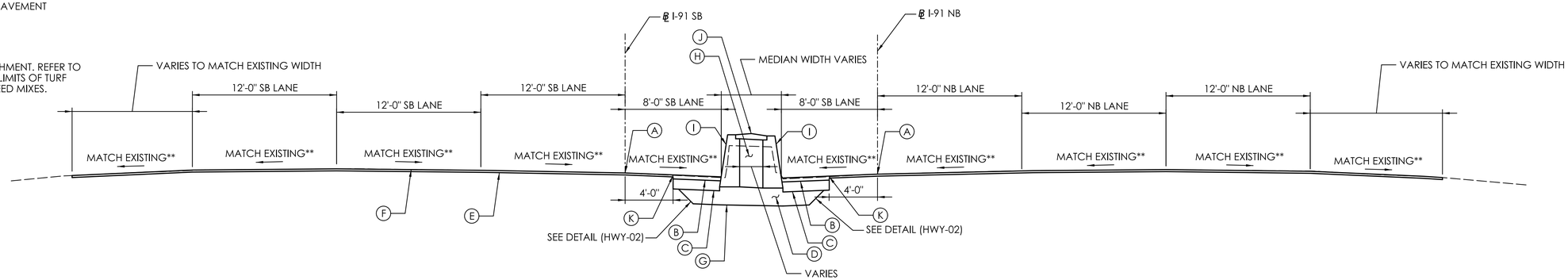


DETAIL

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

LEGEND

- (A) POINT OF APPLIED GRADE
- (B) 4" PMA S0.5 IN 2 LIFTS (TRAFFIC LEVEL 3)
- (C) 10" PMA S1.0 IN 2 LIFTS (TRAFFIC LEVEL 3)
- (D) 14" PROCESSED AGGREGATE BASE
- (E) 2" PMA S0.5 IN 1 LIFT (TRAFFIC LEVEL 3)
- (F) FINE MILLING OF BITUMINOUS CONCRETE (0" TO 4")
- (G) FORMATION OF SUBGRADE
- (H) GRANULAR FILL
- (I) SINGLE SLOPE PRECAST CONCRETE BARRIER CURB (20" x 42")
- (J) CAST IN PLACE CONCRETE CAP
- (K) CUT BITUMINOUS CONCRETE PAVEMENT
- (L) 6" PROCESSED AGGREGATE
- (M) METAL BEAM RAIL (R-B MASH)
- (N) 4" TOPSOIL AND TURF ESTABLISHMENT. REFER TO PERMIT PLANTING PLANS FOR LIMITS OF TURF ESTABLISHMENT AND OTHER SEED MIXES.



I-91 TYPICAL SECTION

SCALE: 1" = 5'-0"
MEDIAN RECONSTRUCTION/MILL AND OVERLAY
I-91 NB STA 31+70 TO STA 36+51.5
I-91 SB STA 31+70 TO STA 36+50

** SEE CROSS SECTIONS FOR CROSS SLOPES

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SCALE AS NOTED

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

DRAWING TITLE: I-91 TYPICAL SECTIONS - FINAL

PROJECT NO.: 0048-0200

DRAWING NO.: HWY-02
SHEET NO.: 03.002

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Typical Cross Sections-Final.dgn
PLOTTED DATE: 8/18/2025

BEGIN STATE PROJECT NO. 0048-0200
BEGIN MILL AND PAVE
I-91 SB STA 31+69.54
N 926432.80
E 1044835.10
I-91 NB STA 31+70.00
N 926434.11
E 1044855.33

I-91 SB CURVE DATA
PI 31+89.64
N 926453.03
E 1044838.30
DELTA 04°38'44"
R 5500.00'
L 445.95'
T 223.10'
D 01°02'30"

B.M. -403 Elev. 101.94
P.K.-S.W. COR. CONC. SIGN BASE
NAVD 1988

PI 36+47.56
N 926908.53
E 1044788.91

PI 37+15.49
N 926976.83
E 1044801.90

PI 38+64.18
N 927123.85
E 1044765.15

CONVERT METAL BEAM RAIL (R-B 350) TO (R-B MASH)

℄ I-91 SB
℄ I-91 NB

CUT BITUMINOUS CONCRETE PAVEMENT
SINGLE SLOPE PRECAST CONCRETE BARRIER CURB (20" x 42")

PT 34+12.49
N 926674.83
E 1044814.25

PC 29+66.54
N 926230.01
E 1044844.31

Begin Sta. 29+50
N 926213.48
E 1044844.75
N01°32'35"W
16.54'

Begin Sta. 29+50
N 926214.30
E 1044866.44
N02°44'09"W
138.02'

N06°11'18"W
285.07'

N06°17'48"W
216.42'

N06°07'21"W
148.18'

N06°20'57"W
154.31'

I-91 SB

I-91 NB

PC 30+88.02
N 926352.16
E 1044859.86

LIMITS OF SINGLE SLOPE PRECAST CONCRETE BARRIER CURB (20" x 42") I-91 NB STA 31+70

REFER TO SHEET MISC-01 FOR BARRIER TRANSITION DETAILS

I-91 NB CURVE DATA
PI 32+50.56
N 926514.52
E 1044852.10
DELTA 03°23'08"
R 5500.00'
L 325.00'
T 162.55'
D 01°02'30"

GRANULAR FILL

PT 34+13.02
N 926676.14
E 1044834.77

PI 35+61.18
N 926823.46
E 1044818.97

EARTH CUT SLOPE ANCHORAGE

B.M. -404 Elev. 111.57
P.K.-SET IN CLCB
NAVD 1988

MATCH MARK - SEE DRAWING NO. HWY-04

LEGEND

- OHW — ORDINARY HIGH WATER (OHW)
- STATE/FEDERAL WETLANDS
- 100YR — FEMA 100-YEAR FLOOD (CALCULATED)
- FW — FEMA FLOODWAY
- NATURAL STREAMBED MATERIAL
- DIRECTION OF TRAFFIC
- FULL DEPTH PAVEMENT CONSTRUCTION
- MILL AND OVERLAY (SEE TYPICAL SECTIONS FOR DETAILS)

NOTE:
1. DRAINAGE SHOWN ON FINAL ROADWAY PLAN REPRESENTS CONDITION MODIFIED FROM EXISTING. SEE STAGE 3 DRAINAGE PLANS (DRN-07 THROUGH DRN-09) FOR ADDITIONAL DRAINAGE INFORMATION ON EXISTING DRAINAGE SYSTEM CHANGES DUE TO STAGED CONSTRUCTION ACTIVITIES.

THIS SHEET REPLACED BY ADDENDUM NO. 1

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HORIZONTAL SCALE 1" = 40' (0, 40', 80')

CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

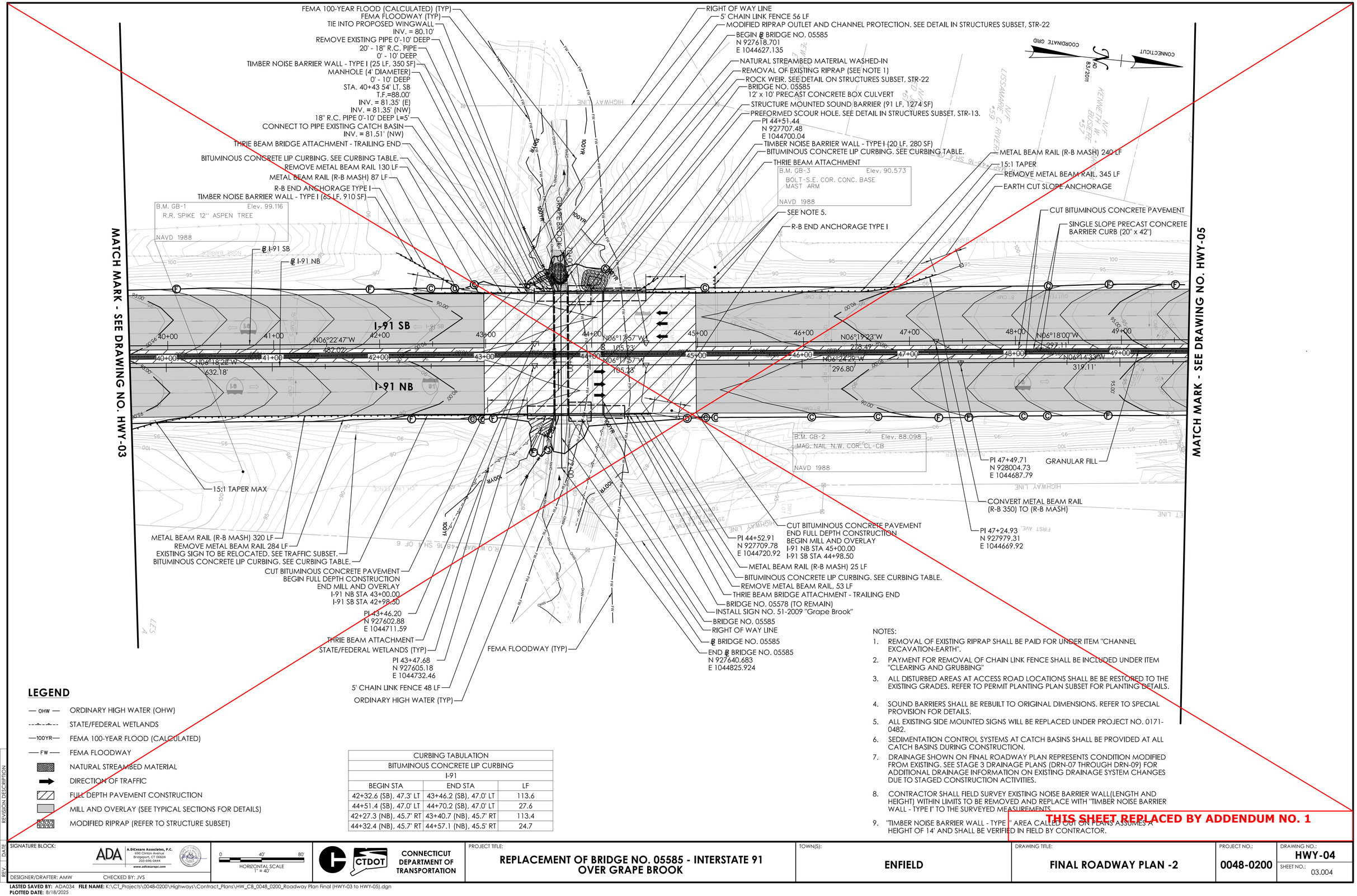
DRAWING TITLE: FINAL ROADWAY PLAN -1

PROJECT NO.: 0048-0200

DRAWING NO.: HWY-03

SHEET NO.: 03.003

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Roadway Plan Final (HWY-03 to HWY-05).dgn
PLOTTED DATE: 8/18/2025



LEGEND

- OHW — ORDINARY HIGH WATER (OHW)
- STATE/FEDERAL WETLANDS
- 100YR — FEMA 100-YEAR FLOOD (CALCULATED)
- FW — FEMA FLOODWAY
- NATURAL STREAMBED MATERIAL
- DIRECTION OF TRAFFIC
- FULL DEPTH PAVEMENT CONSTRUCTION
- MILL AND OVERLAY (SEE TYPICAL SECTIONS FOR DETAILS)
- MODIFIED RIPRAP (REFER TO STRUCTURE SUBSET)

CURBING TABULATION		
BITUMINOUS CONCRETE LIP CURBING		
I-91		
BEGIN STA	END STA	LF
42+32.6 (SB), 47.3' LT	43+46.2 (SB), 47.0' LT	113.6
44+51.4 (SB), 47.0' LT	44+70.2 (SB), 47.0' LT	27.6
42+27.3 (NB), 45.7' RT	43+40.7 (NB), 45.7' RT	113.4
44+32.4 (NB), 45.7' RT	44+57.1 (NB), 45.5' RT	24.7

NOTES:

1. REMOVAL OF EXISTING RIPRAP SHALL BE PAID FOR UNDER ITEM "CHANNEL EXCAVATION-EARTH".
2. PAYMENT FOR REMOVAL OF CHAIN LINK FENCE SHALL BE INCLUDED UNDER ITEM "CLEARING AND GRUBBING"
3. ALL DISTURBED AREAS AT ACCESS ROAD LOCATIONS SHALL BE BE RESTORED TO THE EXISTING GRADES. REFER TO PERMIT PLANTING PLAN SUBSET FOR PLANTING DETAILS.
4. SOUND BARRIERS SHALL BE REBUILT TO ORIGINAL DIMENSIONS. REFER TO SPECIAL PROVISION FOR DETAILS.
5. ALL EXISTING SIDE MOUNTED SIGNS WILL BE REPLACED UNDER PROJECT NO. 0171-0482.
6. SEDIMENTATION CONTROL SYSTEMS AT CATCH BASINS SHALL BE PROVIDED AT ALL CATCH BASINS DURING CONSTRUCTION.
7. DRAINAGE SHOWN ON FINAL ROADWAY PLAN REPRESENTS CONDITION MODIFIED FROM EXISTING. SEE STAGE 3 DRAINAGE PLANS (DRN-07 THROUGH DRN-09) FOR ADDITIONAL DRAINAGE INFORMATION ON EXISTING DRAINAGE SYSTEM CHANGES DUE TO STAGED CONSTRUCTION ACTIVITIES.
8. CONTRACTOR SHALL FIELD SURVEY EXISTING NOISE BARRIER WALL(LENGTH AND HEIGHT) WITHIN LIMITS TO BE REMOVED AND REPLACE WITH "TIMBER NOISE BARRIER WALL - TYPE I" TO THE SURVEYED MEASUREMENTS.
9. "TIMBER NOISE BARRIER WALL - TYPE I" AREA CALLED OUT ON PLANS ASSUMES A HEIGHT OF 14' AND SHALL BE VERIFIED IN FIELD BY CONTRACTOR.

THIS SHEET REPLACED BY ADDENDUM NO. 1

REVISION DESCRIPTION | DATE | REV.

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0 40' 80'
HORIZONTAL SCALE 1" = 40'

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

DRAWING TITLE: **FINAL ROADWAY PLAN -2**

PROJECT NO.: **0048-0200**

DRAWING NO.: **HWY-04**

SHEET NO.: 03.004

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Roadway Plan Final (HWY-03 to HWY-05).dgn
PLOTTED DATE: 8/18/2025

END STATE PROJECT
NO. 0048-0200
END MILL AND PAVE
I-91 SB STA 55+70.00
N 928819.41
E 1044576.73
I-91 NB STA 55+71.74
N 928821.71
E 1044596.95

MATCH MARK - SEE DRAWING NO. HWY-04

CUT BITUMINOUS CONCRETE PAVEMENT

SINGLE SLOPE PRECAST CONCRETE BARRIER CURB (20" x 42")

PI 50+22.04
N 928274.63
E 1044637.32

PI 50+68.82
N 928321.94
E 1044653.09

LIMITS OF SINGLE SLOPE PRECAST CONCRETE BARRIER CURB (20" x 42")
I-91 SB STA 55+70

PI 55+71.73
N 928821.71
E 1044596.95

PI 56+76.22
N 928924.79
E 1044565.01

℄ I-91 SB
℄ I-91 NB

PI 57+82.23
N 929030.15
E 1044553.26

End Sta. 58+48.93
N 929096.52
E 1044546.64

End Sta. 58+35.00
N 929083.35
E 1044567.74

I-91 SB

N06°20'45"W
654.17'

N06°24'34"W
502.91'

I-91 NB

N06°21'54"W
106.01'

N05°41'53"W
66.70'

N06°22'12"W
263.26'

50+00 51+00 52+00 53+00 54+00 55+00 56+00 57+00 58+00

GRANULAR FILL

REFER TO SHEET MISC-01 FOR BARRIER TRANSITION DETAILS

B.M. -401
D.H.-NORTH SIDE METAL FRAME-MBR ANCHOR
NAVD 1988

B.M. -402 Elev. 102.687
P.K.-CONC. FRAME TO CL-CB
NAVD 1988

NOTE:
1. DRAINAGE SHOWN ON FINAL ROADWAY PLAN REPRESENTS CONDITION MODIFIED FROM EXISTING. SEE STAGE 3 DRAINAGE PLANS (DRN-07 THROUGH DRN-09) FOR ADDITIONAL DRAINAGE INFORMATION ON EXISTING DRAINAGE SYSTEM CHANGES DUE TO STAGED CONSTRUCTION ACTIVITIES.

LEGEND

- OHW — ORDINARY HIGH WATER (OHW)
- STATE/FEDERAL WETLANDS
- 100YR — FEMA 100-YEAR FLOOD (CALCULATED)
- FW — FEMA FLOODWAY
- NATURAL STREAMBED MATERIAL
- DIRECTION OF TRAFFIC
- FULL DEPTH PAVEMENT CONSTRUCTION
- MILL AND OVERLAY (SEE TYPICAL SECTIONS FOR DETAILS)

THIS SHEET REPLACED BY ADDENDUM NO. 1

REV.	DATE	REVISION DESCRIPTION

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690 Clinton Avenue
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DESIGNER/DRAFTER: AMW CHECKED BY: JVS

0 40' 80'
HORIZONTAL SCALE
1" = 40'

CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

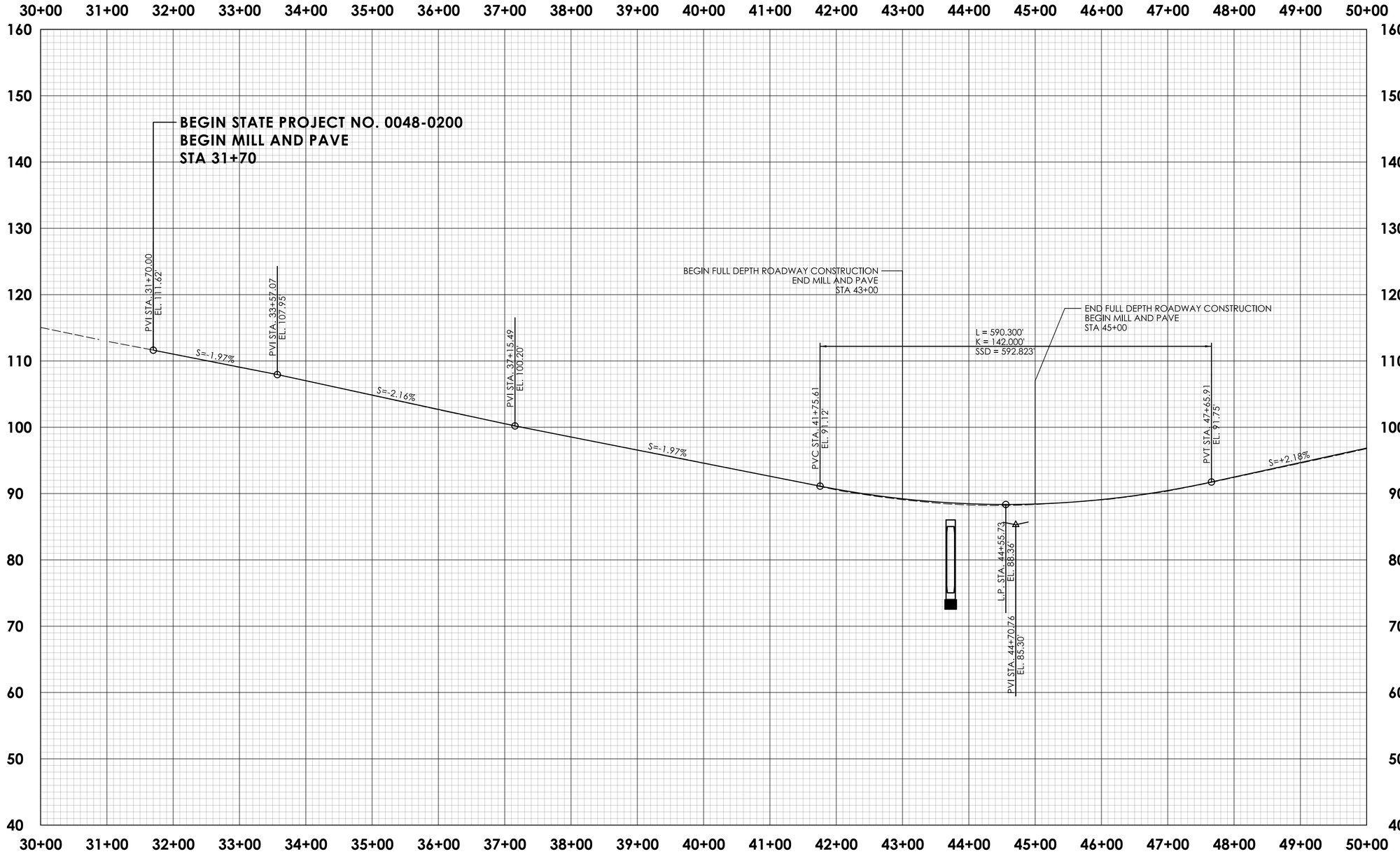
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PROJECT NO.: **0048-0200**

DRAWING NO.: **HWY-05**

SHEET NO.: 03.005

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Roadway Plan Final (HWY-03 to HWY-05).dgn
PLOTTED DATE: 8/18/2025



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HORIZONTAL SCALE IN FEET: 0 80 160
VERTICAL SCALE IN FEET: 0 8 16

CTDOT — CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S):
ENFIELD

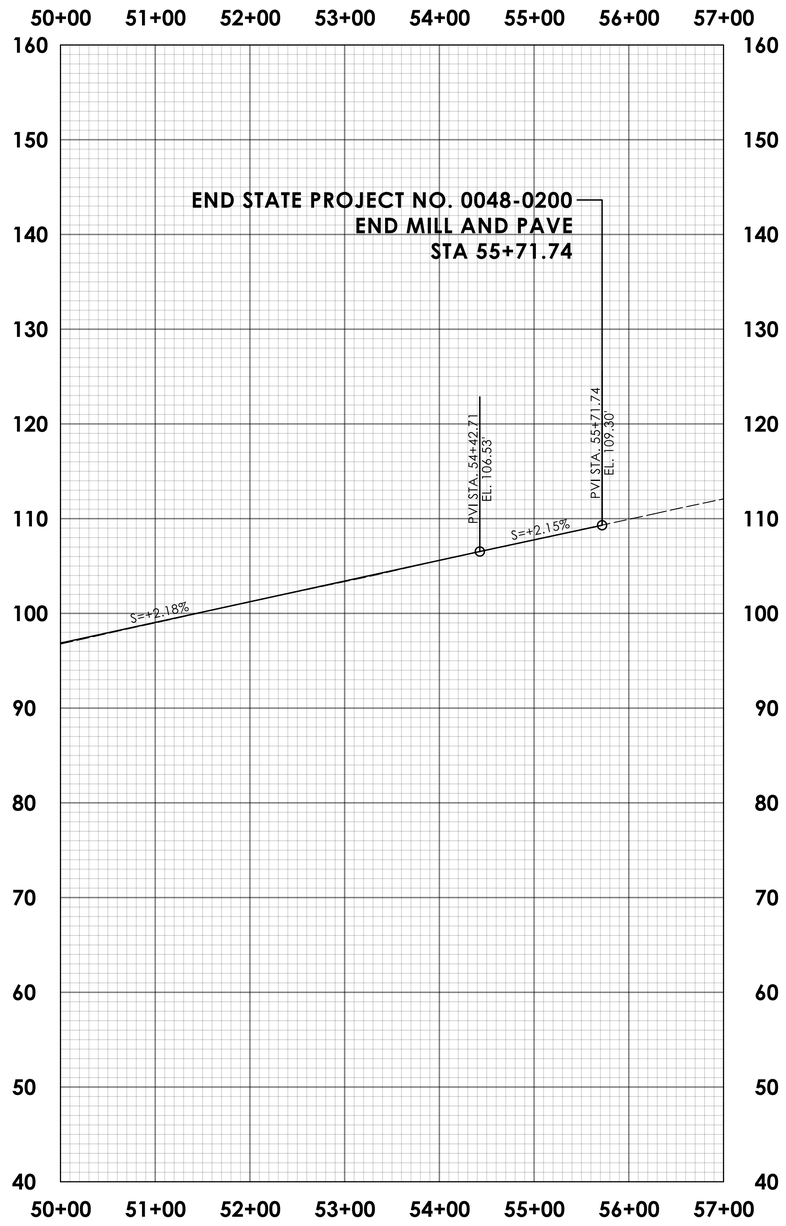
DRAWING TITLE:
FINAL ROADWAY PROFILE I-91 NORTHBOUND - 1

PROJECT NO.: **0048-0200**

DRAWING NO.: **HWY-06**

SHEET NO.: 03.006

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Final Profile (HWY-06 to HWY-09).dgn
PLOTTED DATE: 8/18/2025



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DESIGNER/DRAFTER: AMW CHECKED BY: JVS

0 80 160
HORIZONTAL SCALE IN FEET
0 8 16
VERTICAL SCALE IN FEET

CTDOT
CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S):
ENFIELD

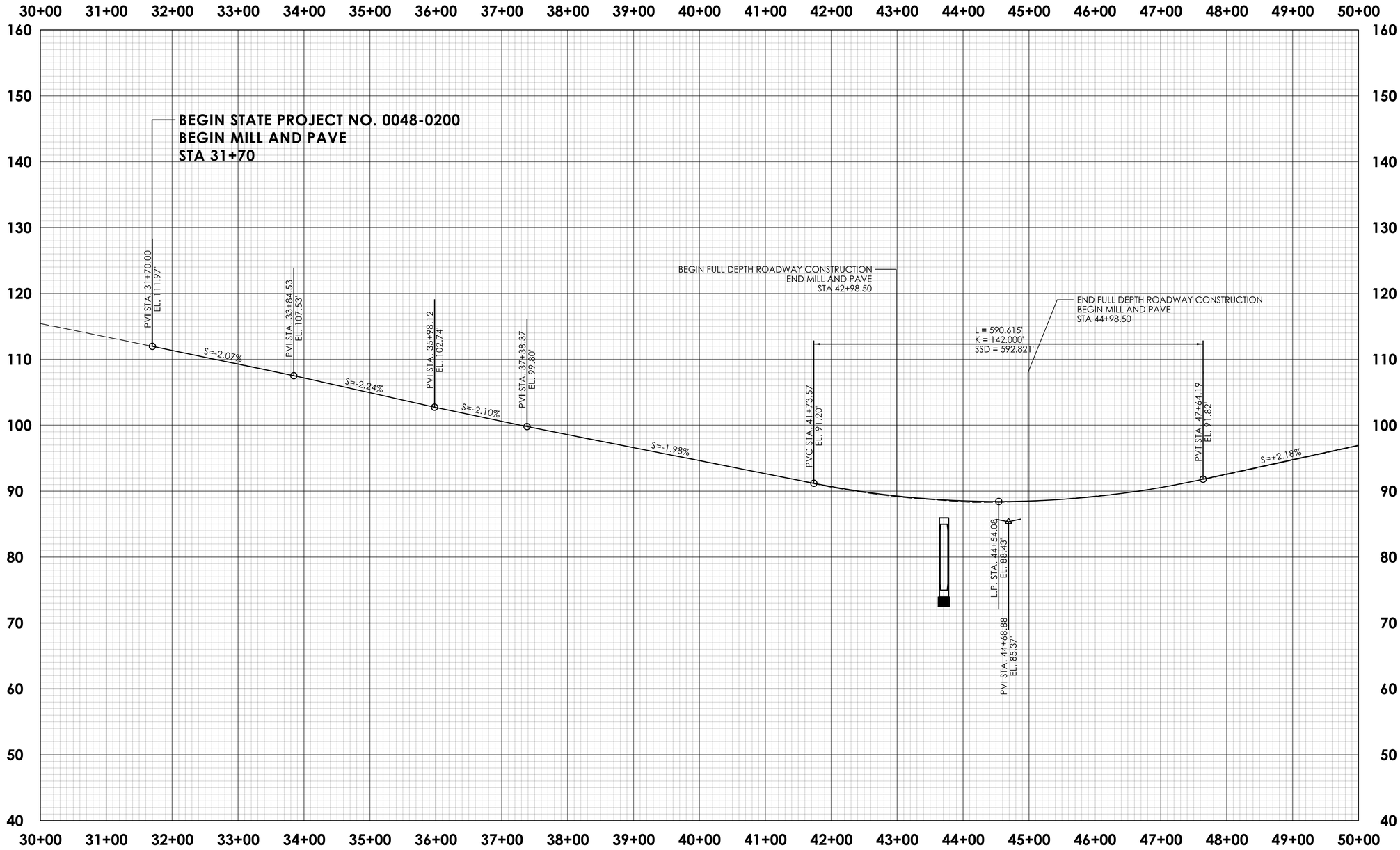
DRAWING TITLE:
FINAL ROADWAY PROFILE I-91 NORTHBOUND - 2

PROJECT NO.:
0048-0200

DRAWING NO.:
HWY-07

SHEET NO.:
03.007

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Final Profile (HWY-06 to HWY-09).dgn
PLOTTED DATE: 8/18/2025



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DESIGNER/DRAFTER: AMW CHECKED BY: JVS

0 80 160
HORIZONTAL SCALE IN FEET
0 8 16
VERTICAL SCALE IN FEET

CTDOT
CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S):
ENFIELD

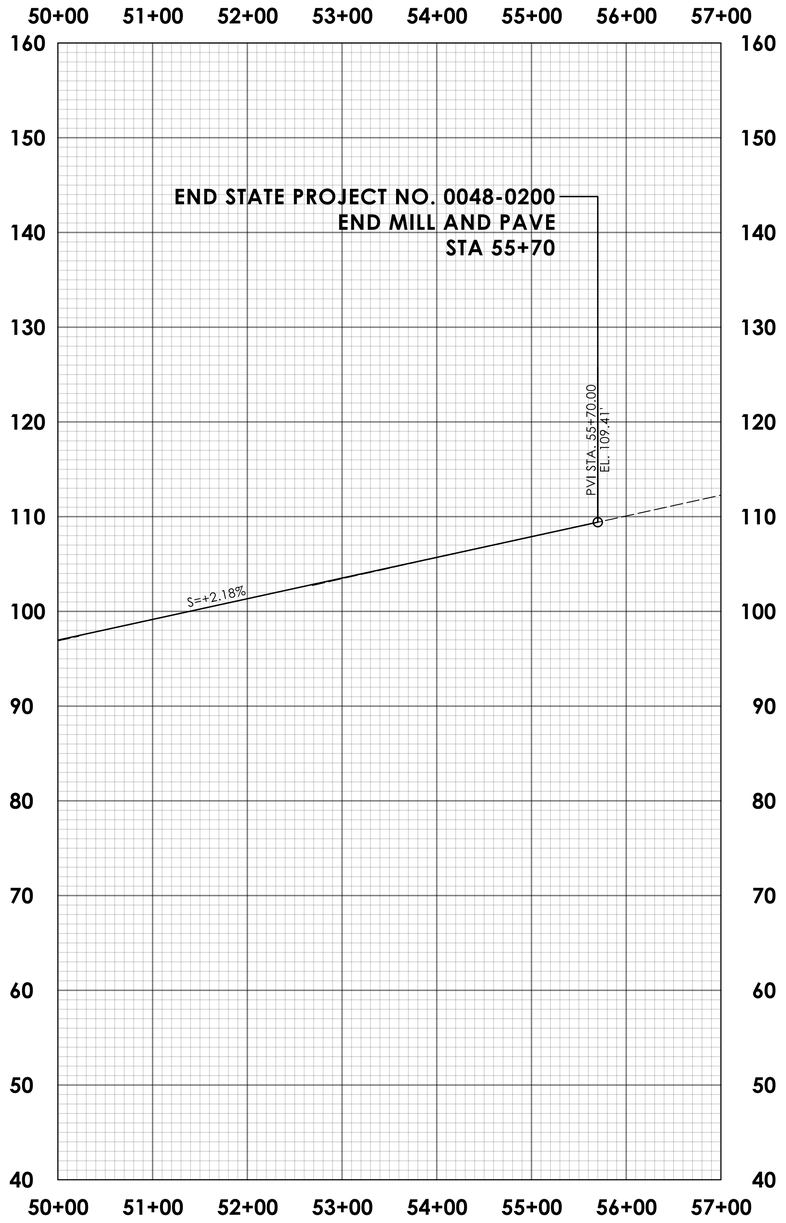
DRAWING TITLE:
FINAL ROADWAY PROFILE I-91 SOUTHBOUND - 1

PROJECT NO.:
0048-0200

DRAWING NO.:
HWY-08

SHEET NO.:
03.008

LASTED SAVED BY: ADA040 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Final Profile (HWY-06 to HWY-09).dgn
PLOTTED DATE: 8/18/2025



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0 80 160
HORIZONTAL SCALE IN FEET
0 8 16
VERTICAL SCALE IN FEET

CTDOT
CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S):
ENFIELD

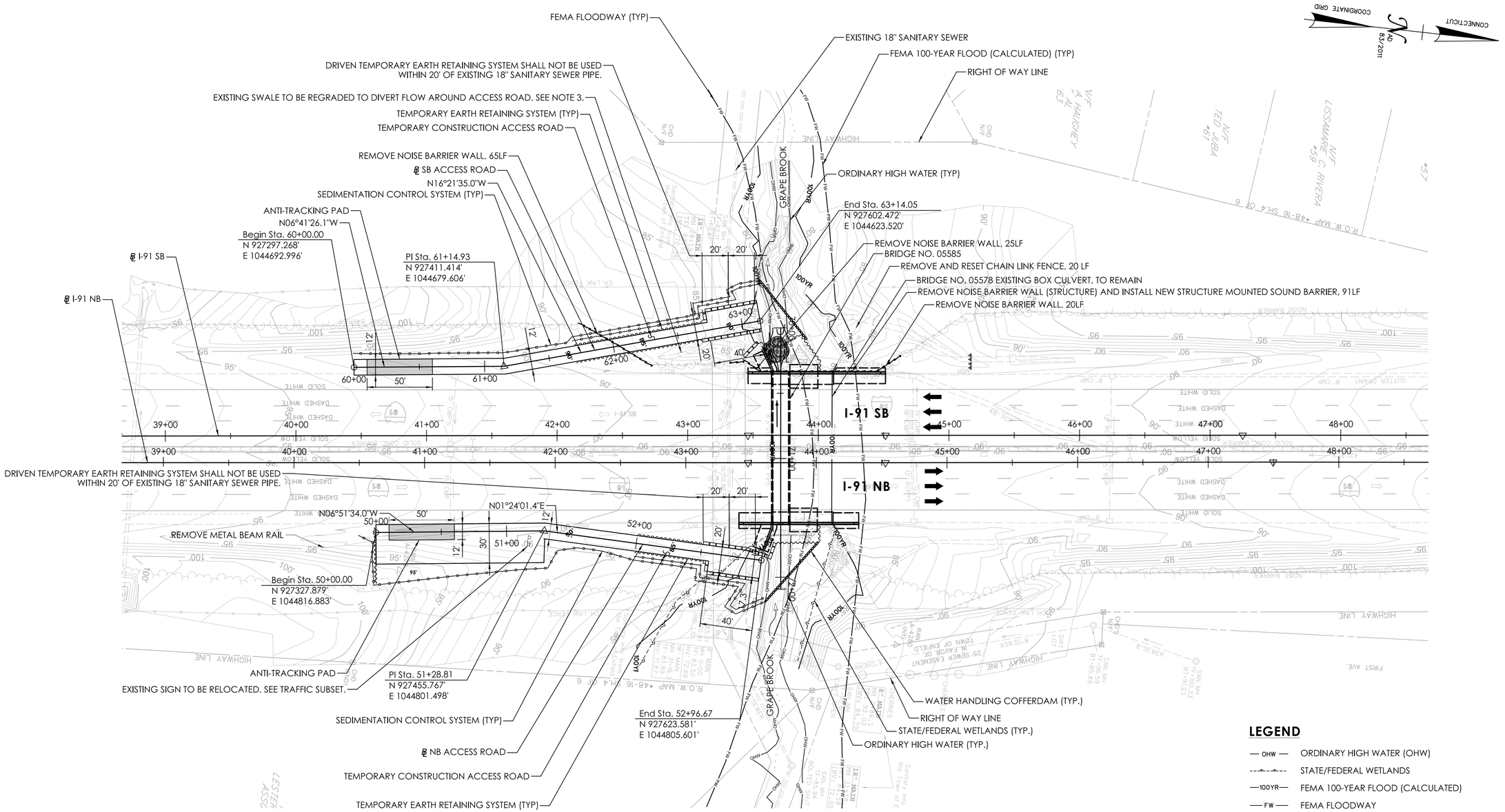
DRAWING TITLE:
FINAL ROADWAY PROFILE I-91 SOUTHBOUND - 2

PROJECT NO.:
0048-0200

DRAWING NO.:
HWY-09

SHEET NO.:
03.009

LASTED SAVED BY: ADA040 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Final Profile (HWY-06 to HWY-09).dgn
PLOTTED DATE: 8/18/2025



ACCESS ROAD LOCATIONS

NOTES:

1. REFER TO PLN-01 TO PLN-09 FOR ROADWAY PLANS DURING STAGES 1-3.
2. VIBRATORY EQUIPMENT SHALL NOT BE USED WITHIN 20' OF EXISTING SANITARY SEWER.
3. ALL DISTURBED AREAS SHALL BE RESTORED TO EXISTING GRADES.
4. GRADING AT ACCESS ROAD INTERFACE WITH I-91 NB AND SB RIGHT SHOULDERS WILL VARY DURING EACH STAGE OF CONSTRUCTION. REFER TO PLN-02, PLN-05 AND PLN-08 FOR GRADING DURING EACH STAGE.
5. REFER TO STAGING PLANS IN TRAFFIC SUBSET FOR BARRIER LAYOUT DURING EACH STAGE.

LEGEND

- OHW — ORDINARY HIGH WATER (OHW)
- STATE/FEDERAL WETLANDS
- 100YR — FEMA 100-YEAR FLOOD (CALCULATED)
- FW — FEMA FLOODWAY
- DIRECTION OF TRAFFIC
- C-C — CUT LINE
- F-F — FILL LINE
- TEMPORARY EARTH RETAINING SYSTEM (NOT DRIVEN)
- TEMPORARY EARTH RETAINING SYSTEM (DRIVEN OR NOT DRIVEN)

REVISION DESCRIPTION | DATE | REV.

SIGNATURE BLOCK:
A.DiCesare Associates, P.C.
690 Clinton Avenue
Bridgeport, CT 06604
203-696-0444
www.adicesarepc.com
DESIGNER/DRAFTER: AMW CHECKED BY: JVS

0 40' 80'
HORIZONTAL SCALE 1" = 40'

CTDOT
CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

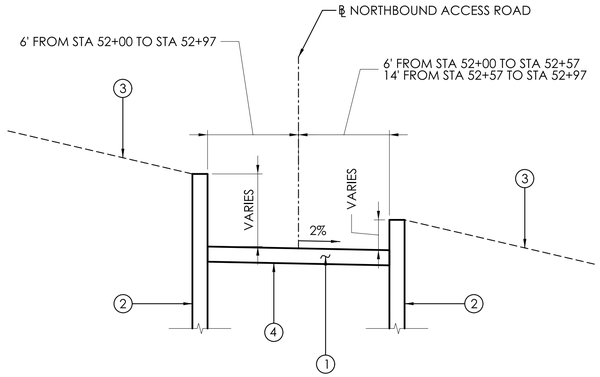
DRAWING TITLE: ACCESS ROAD LOCATIONS

PROJECT NO.: 0048-0200

DRAWING NO.: HWY-10

SHEET NO.: 03.010

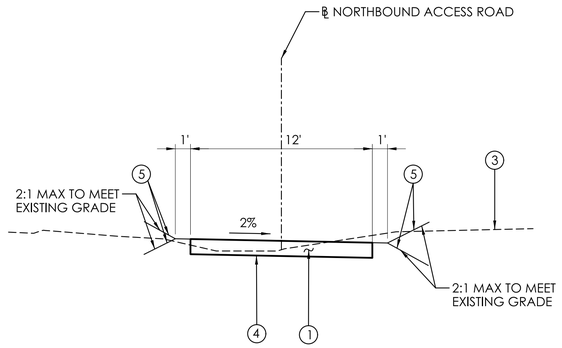
LASTED SAVED BY: ADA034 FILE NAME: K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CP_0048_0200_Access Road Locations (HWY-10).dgn
PLOTTED DATE: 8/18/2025



NORTHBOUND ACCESS ROAD WITH TEMPORARY EARTH RETAINING SYSTEM

STA 52+00 TO 52+97

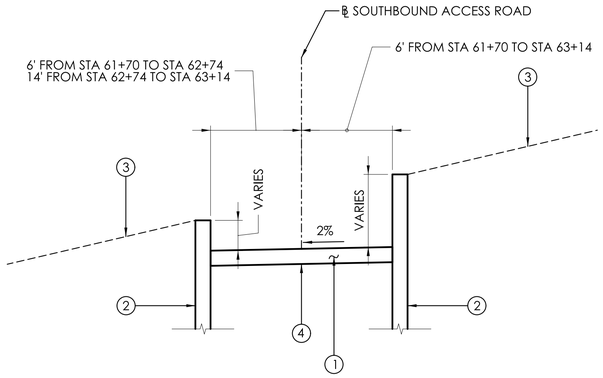
SCALE: 1" = 5'



NORTHBOUND ACCESS ROAD

STA 50+00 TO 52+00

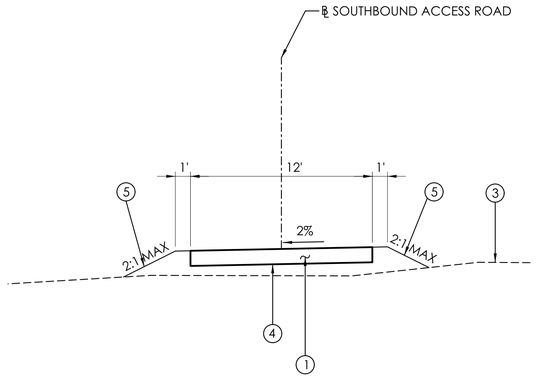
SCALE: 1" = 5'



SOUTHBOUND ACCESS ROAD WITH TEMPORARY EARTH RETAINING SYSTEM

STA 61+70 TO 63+14

SCALE: 1" = 5'



SOUTHBOUND ACCESS ROAD

STA 60+00 TO 61+70

SCALE: 1" = 5'

LEGEND

1. 12" NO. 3 CRUSHED STONE
2. TEMPORARY EARTH RETAINING SYSTEM (REFER TO HWY-10 FOR LIMITS OF DRIVEN SHEETING)
3. EXISTING I-91 EMBANKMENT
4. GEOTEXTILE (SEPARATION - CLASS 1)
5. 4" TOPSOIL AND TURF ESTABLISHMENT

NOTE:

NO. 3 CRUSHED STONE AND GEOTEXTILE (SEPARATION - CLASS 1) SHALL BE INCLUDED IN ITEM 0922509A "TEMPORARY CONSTRUCTION ACCESS ROADS".

REV. | DATE | REVISION DESCRIPTION

SIGNATURE BLOCK:

A.DiCesare Associates, P.C.
690 Clinton Avenue
Bridgeport, CT 06604
203-696-0444
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DESIGNER/DRAFTER: AMW CHECKED BY: JVS

SCALE AS NOTED

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

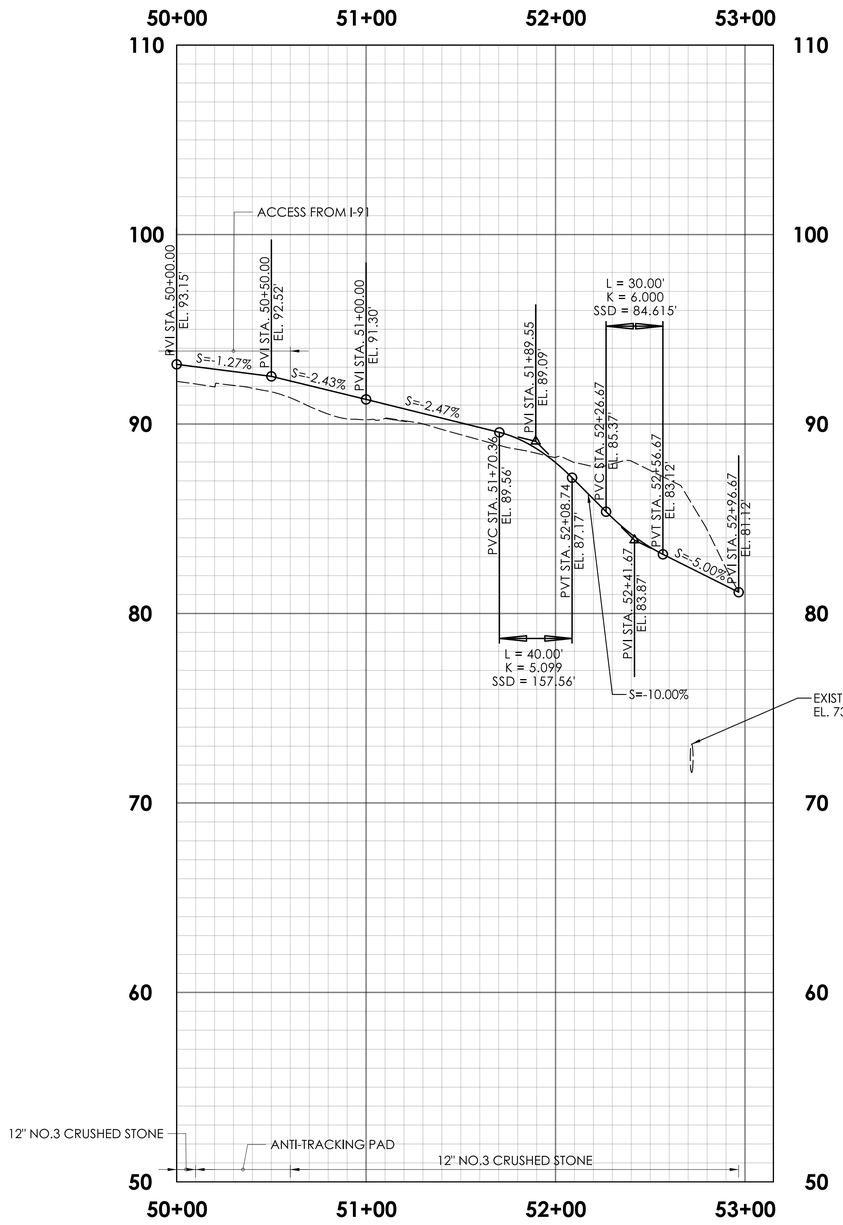
DRAWING TITLE: TYPICAL ACCESS ROAD SECTIONS

PROJECT NO.: 0048-0200

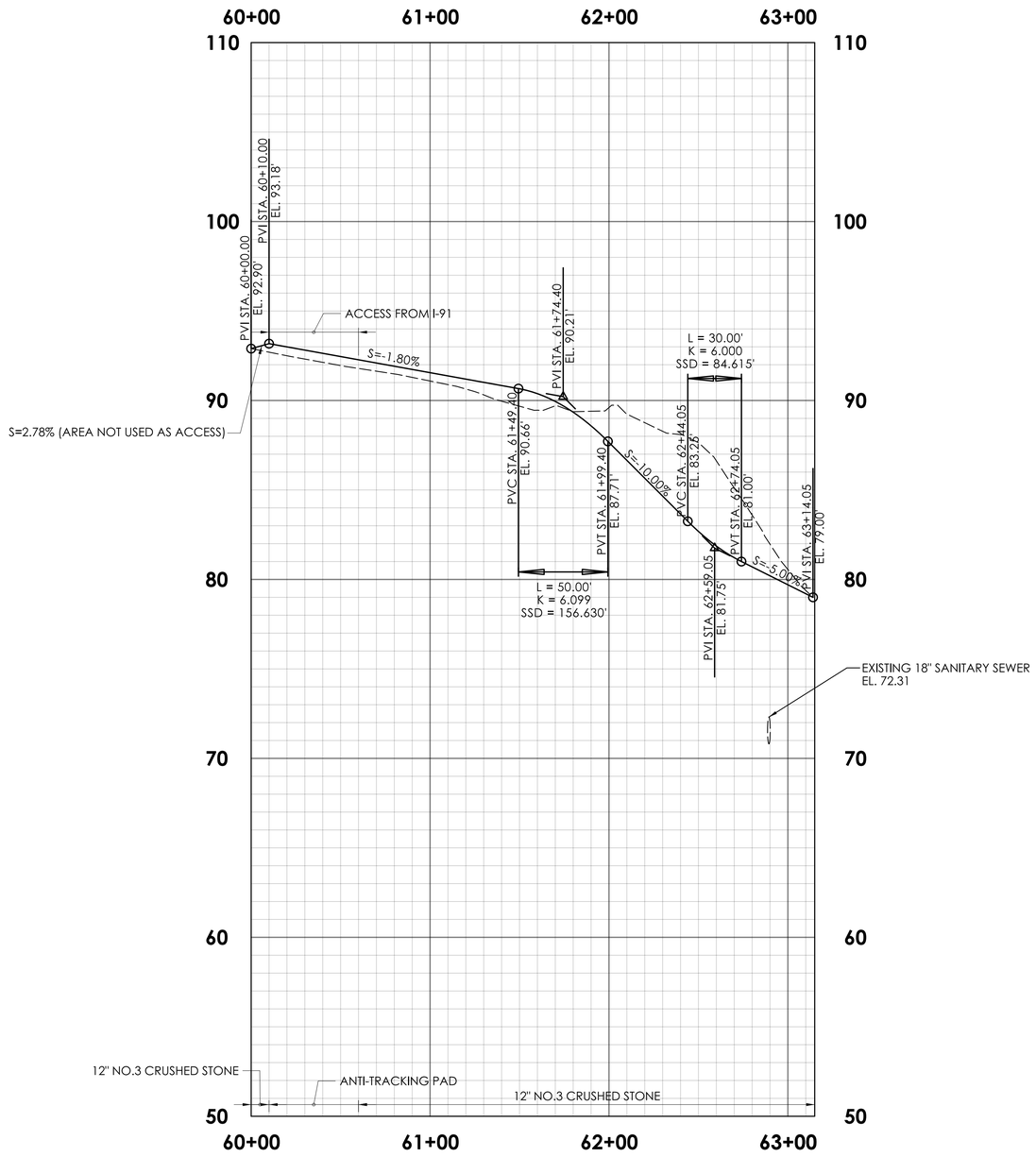
DRAWING NO.: HWY-11

SHEET NO.: 03.011

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CP_0048_0200_Typical Access Road Sections (HWY-11).dgn
PLOTTED DATE: 8/18/2025



NORTHBOUND TEMPORARY ACCESS PROFILE



SOUTHBOUND TEMPORARY ACCESS PROFILE

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

ADA A.DiCesare Associates, P.C.
690 Clinton Avenue
Bridgeport, CT 06604
203-696-0444
www.adicesarepc.com

DESIGNER/DRAFTER: AMW CHECKED BY: JVS

0 40 80
HORIZONTAL SCALE IN FEET
0 4 8
VERTICAL SCALE IN FEET

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S):
ENFIELD

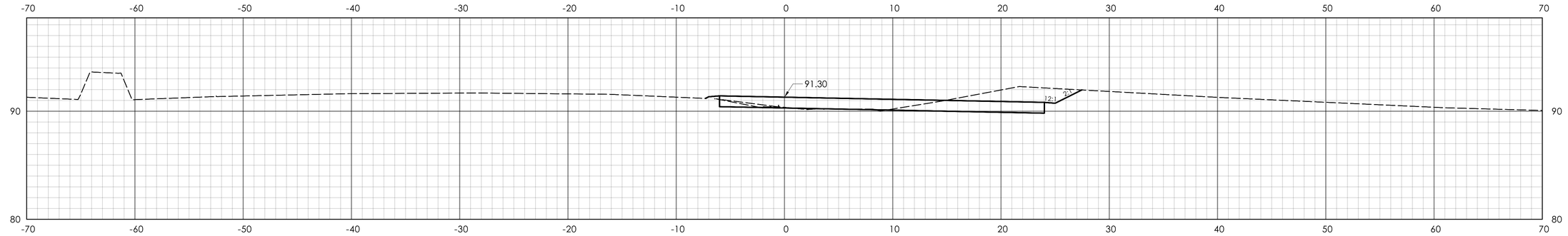
DRAWING TITLE:
TEMPORARY ACCESS ROAD PROFILES

PROJECT NO.: **0048-0200**

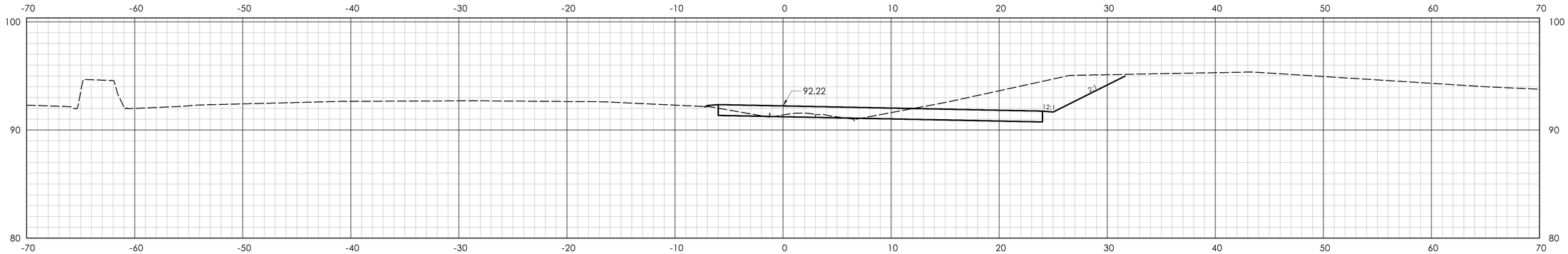
DRAWING NO.: **HWY-12**

SHEET NO.: 03.012

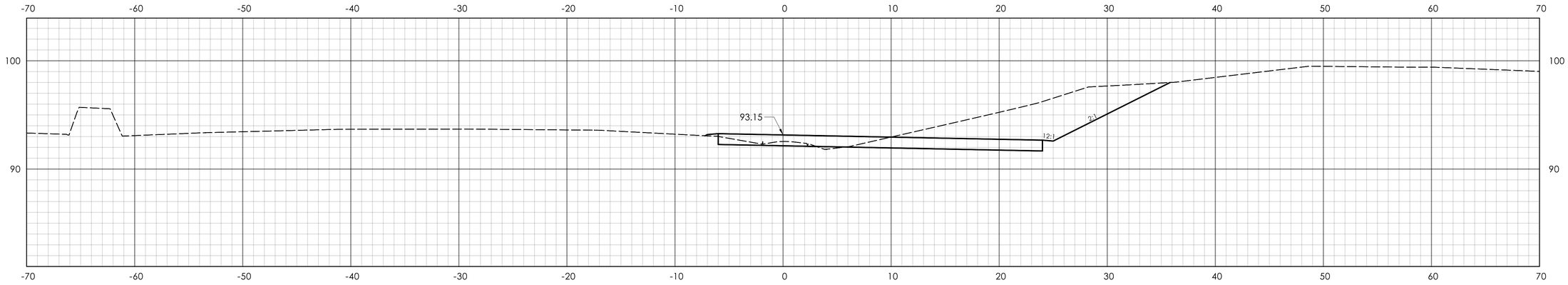
LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CP_0048_0200_Temporary Access Road Profiles (HWY-12).dgn
PLOTTED DATE: 8/18/2025



STA.51+00.00



STA.50+50.00



STA.50+00.00

REVISION DESCRIPTION | DATE | REV.

SIGNATURE BLOCK:

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690 Clinton Avenue
Bridgeport, CT 06604
203-696-0444
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DESIGNER/DRAFTER: AMW CHECKED BY: JVS

0 5' 10'
HORIZONTAL SCALE
1" = 5'

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S):
ENFIELD

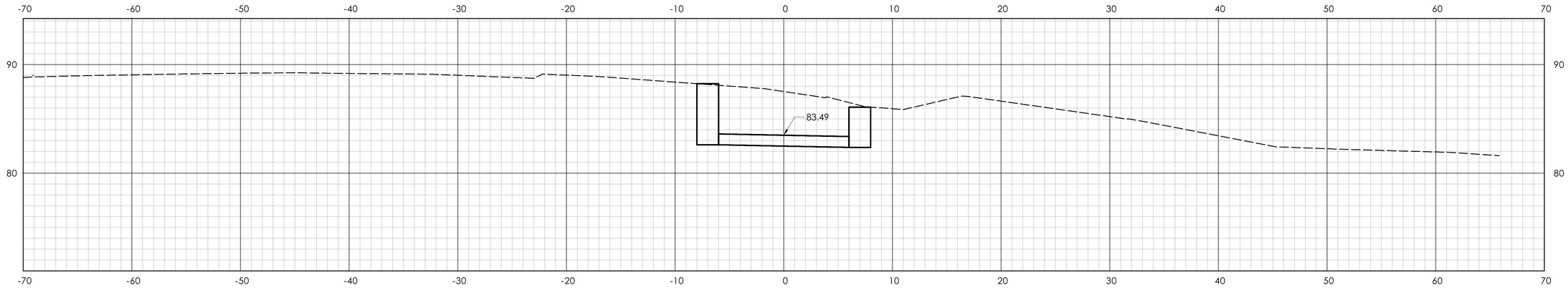
DRAWING TITLE:
NB ACCESS ROAD CROSS SECTIONS-01

PROJECT NO.: **0048-0200**

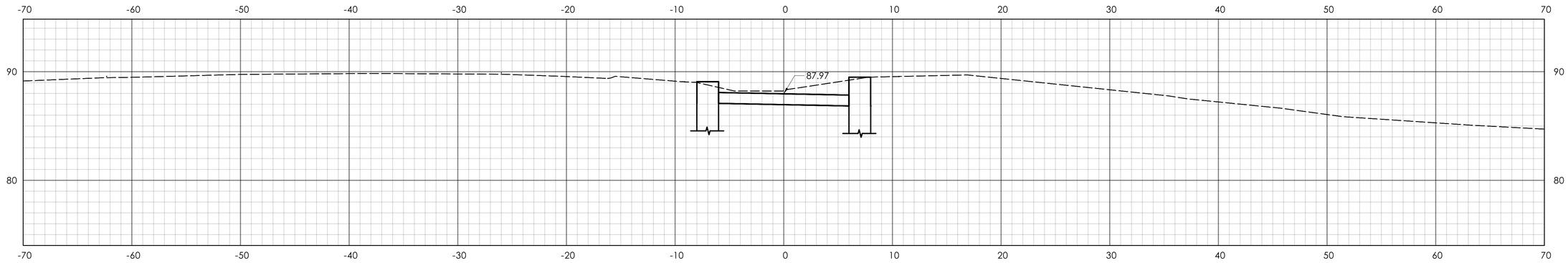
DRAWING NO.: **HWY-13**

SHEET NO.: 03.013

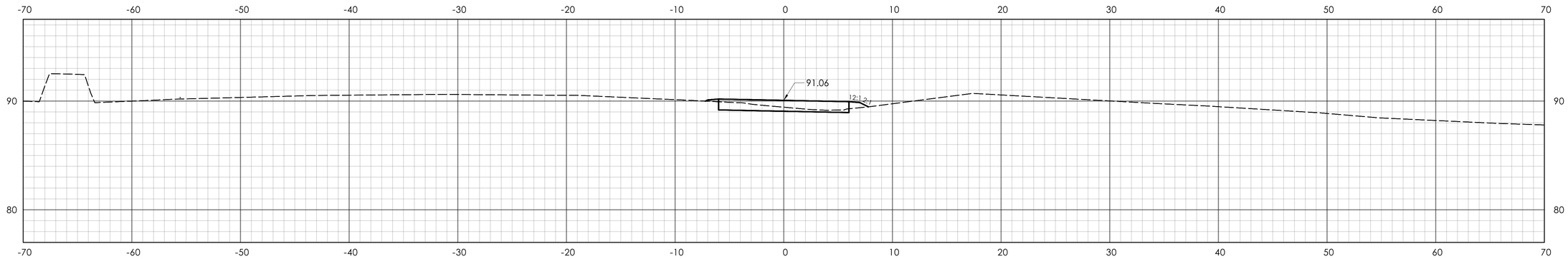
LASTED SAVED BY: ADA040 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CP_0048_0200_XSC (HWY-13 to HWY-18).dgn
PLOTTED DATE: 8/18/2025



STA.52+50.00



STA.52+00.00



STA.51+50.00

NOTE:

1. REFER TO HWY-04 FOR EXTENTS OF DRIVEN SHEETING

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

ADA A.DiCesare Associates, P.C.
690 Clinton Avenue
Bridgeport, CT 06604
203-696-0444
www.adicesareapc.com

DESIGNER/DRAFTER: AMW CHECKED BY: JVS

0 5' 10'
HORIZONTAL SCALE
1" = 5'

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

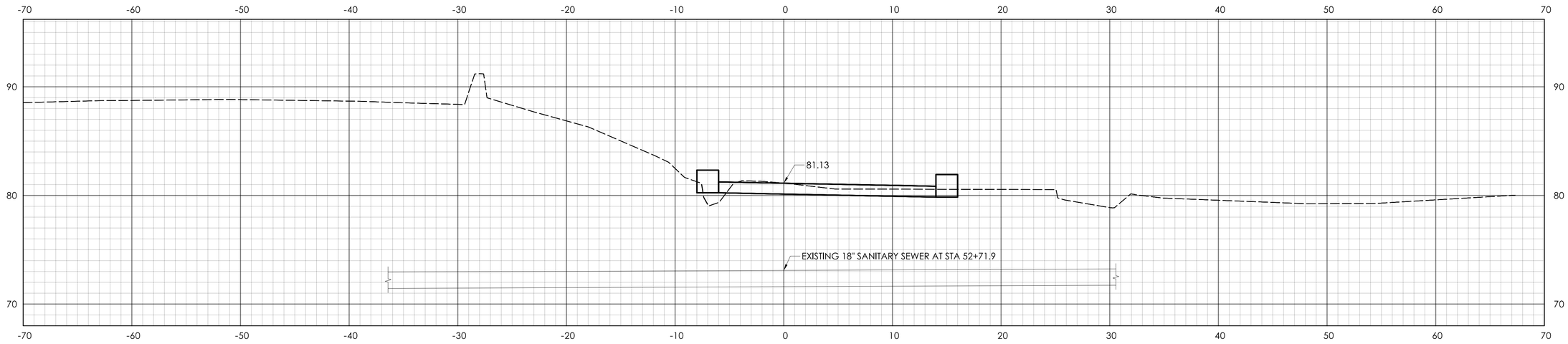
DRAWING TITLE: NB ACCESS ROAD CROSS SECTIONS-02

PROJECT NO.: 0048-0200

DRAWING NO.: HWY-14

SHEET NO.: 03.014

LASTED SAVED BY: ADA040 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CP_0048_0200_XSC (HWY-13 to HWY-18).dgn
PLOTTED DATE: 8/18/2025



STA.52+96.62

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

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690 Clinton Avenue
Bridgeport, CT 06604
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www.adicesareapc.com

DESIGNER/DRAFTER: AMW CHECKED BY: JVS

0 5' 10'
HORIZONTAL SCALE
1" = 5'

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S):
ENFIELD

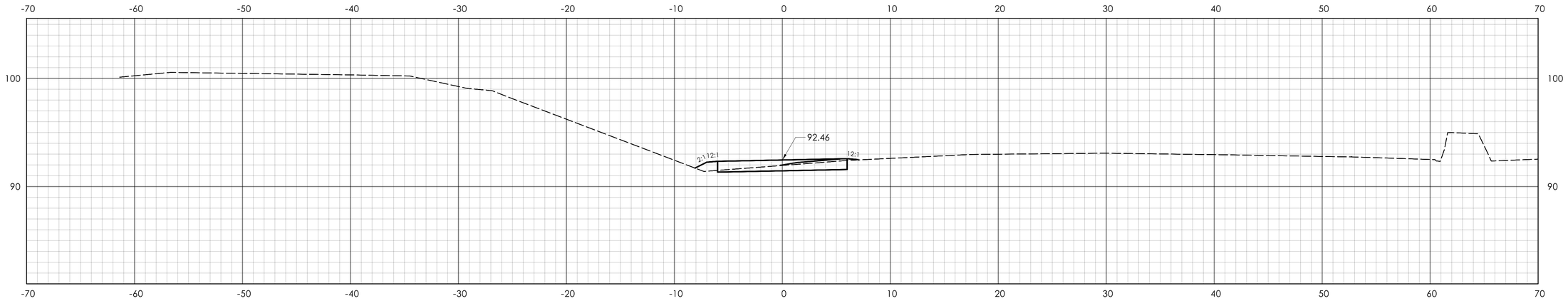
DRAWING TITLE:
NB ACCESS ROAD CROSS SECTIONS-03

PROJECT NO.:
0048-0200

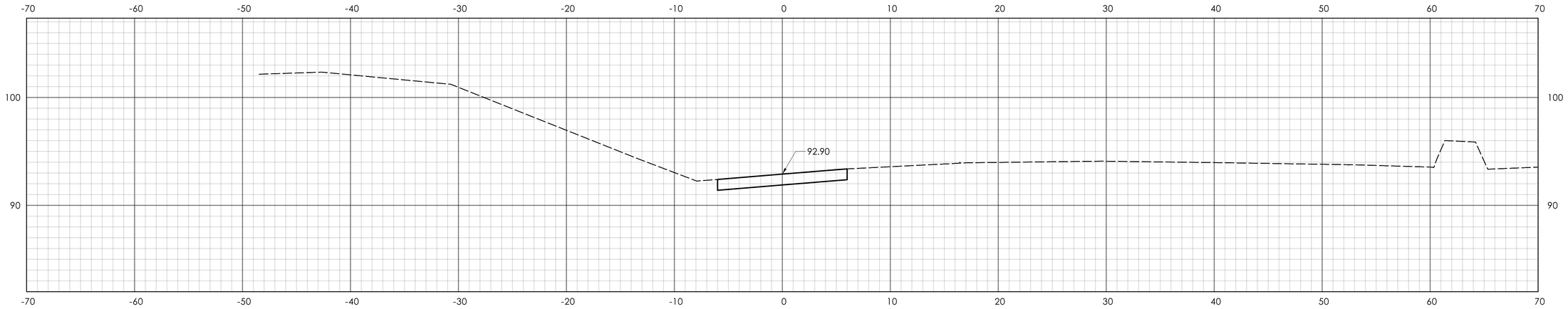
DRAWING NO.:
HWY-15

SHEET NO.:
03.015

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CP_0048_0200_XSC (HWY-13 to HWY-18).dgn
PLOTTED DATE: 8/18/2025



STA.60+50.00



STA.60+00.00

REVISION DESCRIPTION | DATE | REV.

SIGNATURE BLOCK:

ADA A.DiCesare Associates, P.C.
690 Clinton Avenue
Bridgeport, CT 06604
203-696-0444
www.adicesarepc.com

DESIGNER/DRAFTER: AMW CHECKED BY: JVS

0 5' 10'
HORIZONTAL SCALE
1" = 5'

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

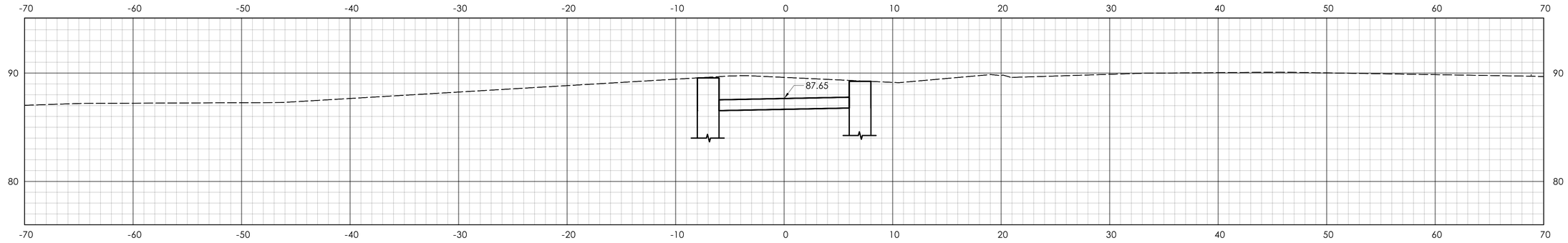
DRAWING TITLE: **SB ACCESS ROAD CROSS SECTIONS-01**

PROJECT NO.: **0048-0200**

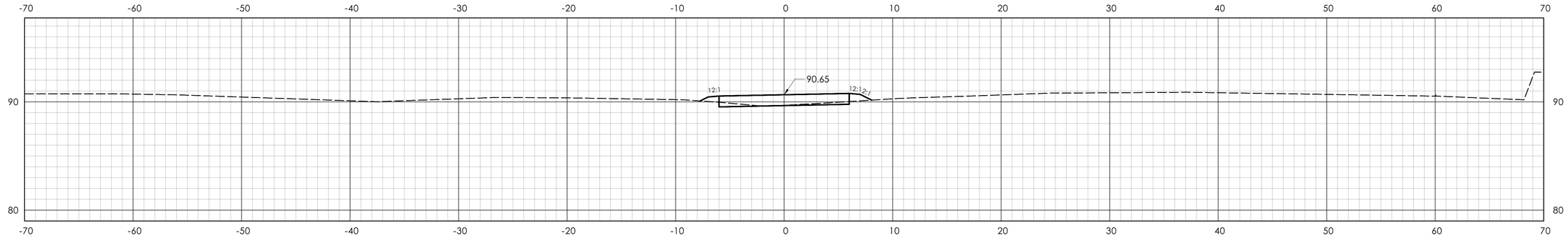
DRAWING NO.: **HWY-16**

SHEET NO.: 03.016

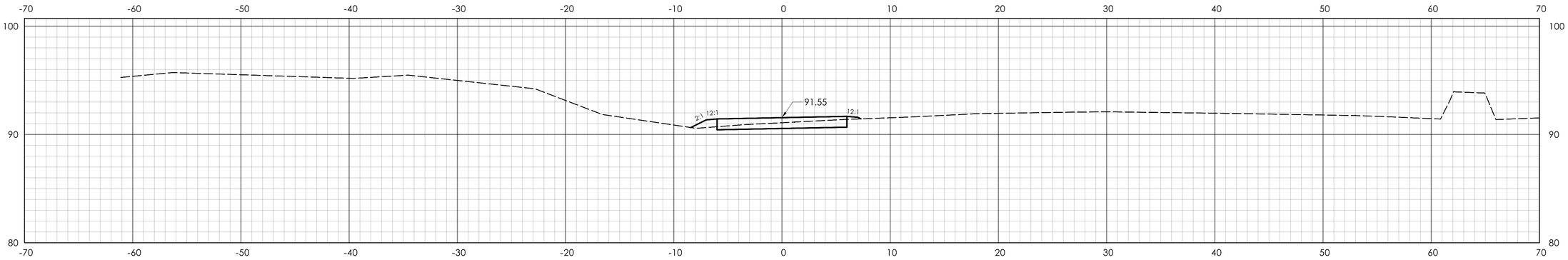
LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CP_0048_0200_XSC (HWY-13 to HWY-18).dgn
PLOTTED DATE: 8/18/2025



STA.62+00.00



STA.61+50.00



STA.61+00.00

NOTE:

1. REFER TO HWY-04 FOR EXTENTS OF DRIVEN SHEETING

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

ADA A.DiCesare Associates, P.C.
690 Clinton Avenue
Bridgeport, CT 06604
203-696-0444
www.adicesarepc.com

DESIGNER/DRAFTER: AMW CHECKED BY: JVS

HORIZONTAL SCALE 1" = 5' (0, 5', 10')

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

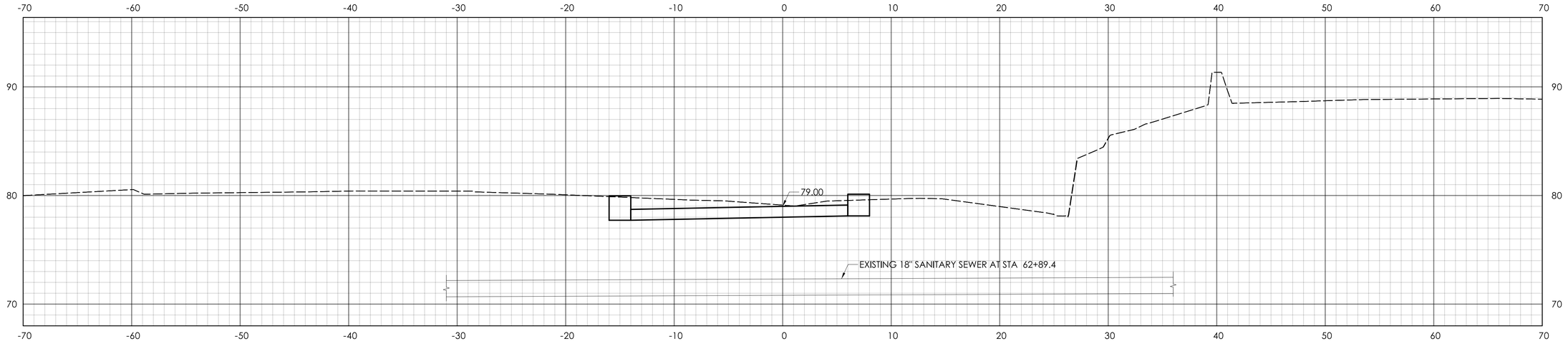
DRAWING TITLE: **SB ACCESS ROAD CROSS SECTIONS-02**

PROJECT NO.: **0048-0200**

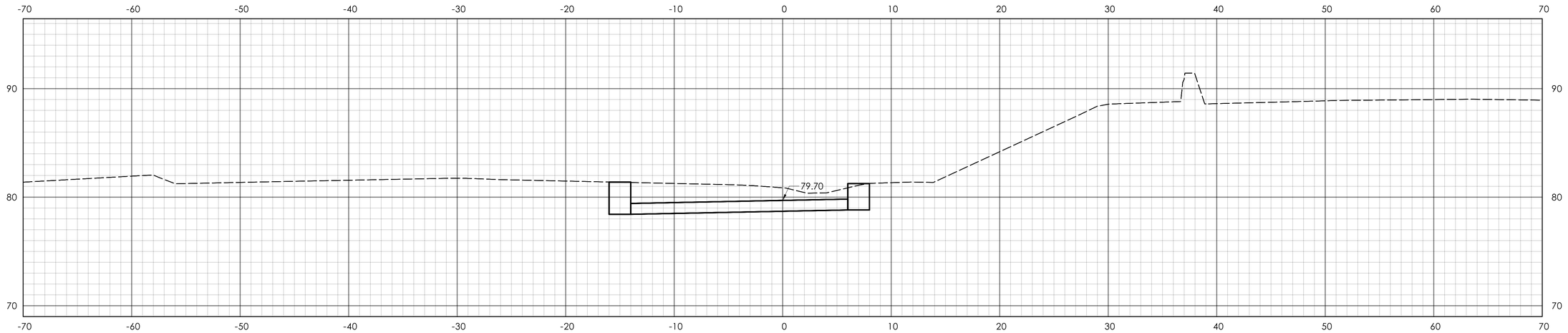
DRAWING NO.: **HWY-17**

SHEET NO.: 03.017

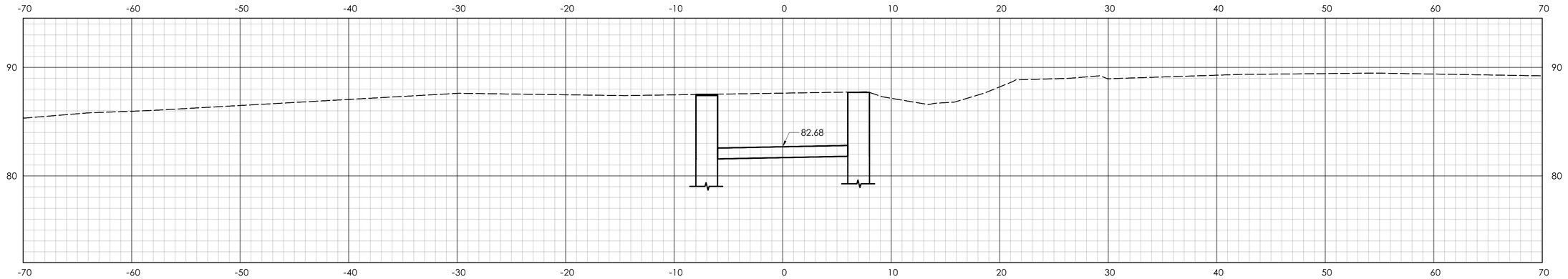
LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CP_0048_0200_XSC (HWY-13 to HWY-18).dgn
PLOTTED DATE: 8/18/2025



STA.63+14.05



STA.63+00.00



STA.62+50.00

NOTE:

1. REFER TO HWY-04 FOR EXTENTS OF DRIVEN SHEETING

REVISION DESCRIPTION | DATE | REV.

SIGNATURE BLOCK:

ADA A.DiCesare Associates, P.C.
690 Clinton Avenue
Bridgeport, CT 06604
203-696-0444
www.adicesareepc.com

DESIGNER/DRAFTER: AMW CHECKED BY: JVS

HORIZONTAL SCALE 1" = 5' (0, 5', 10')

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

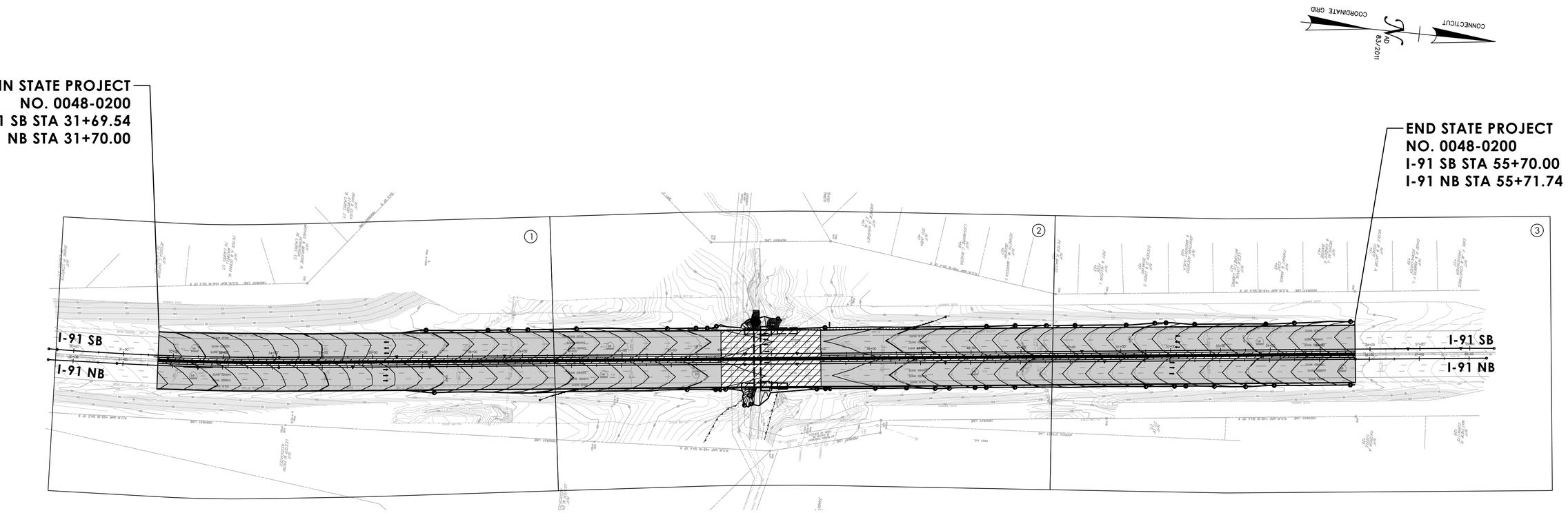
DRAWING TITLE: **SB ACCESS ROAD CROSS SECTIONS-03**

PROJECT NO.: **0048-0200**

DRAWING NO.: **HWY-18**

SHEET NO.: 03.018

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CP_0048_0200_XSC (HWY-13 to HWY-18).dgn
PLOTTED DATE: 8/18/2025



FINAL PLAN

LEGEND

(1) DENOTES DRAWING NO. HWY-03.

(2) DENOTES DRAWING NO. HWY-04.

(3) DENOTES DRAWING NO. HWY-05.

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

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690 Clinton Avenue
Bridgeport, CT 06604
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DESIGNER/DRAFTER: AMW CHECKED BY: JVS

NOT TO SCALE

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

DRAWING TITLE: KEY PLAN - FINAL

PROJECT NO.: 0048-0200

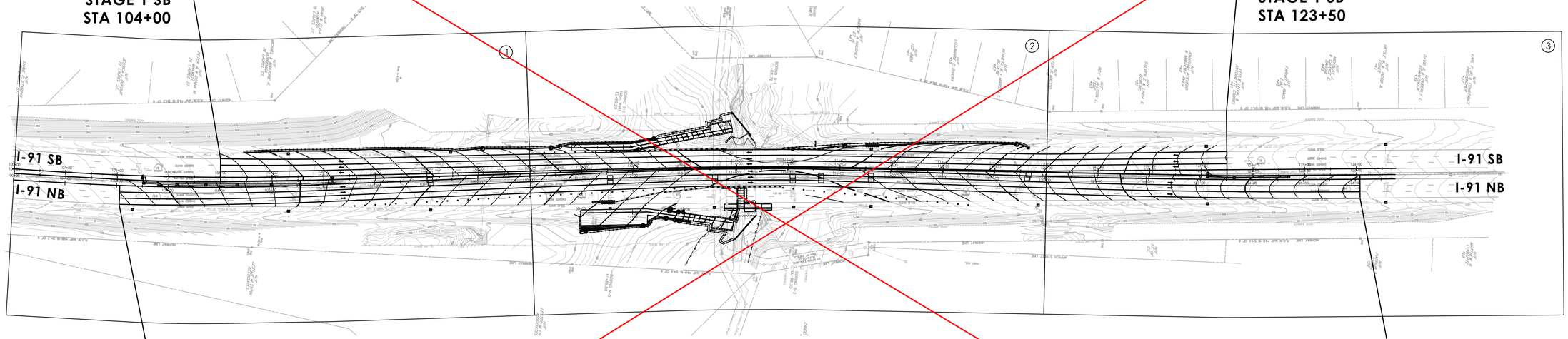
DRAWING NO.: KEY-01

SHEET NO.: 03.019

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Key Plan.dgn
PLOTTED DATE: 8/18/2025

LIMIT OF CONSTRUCTION
STAGE 1 SB
STA 104+00

LIMIT OF CONSTRUCTION
STAGE 1 SB
STA 123+50



LIMIT OF CONSTRUCTION
STAGE 1 NB
STA 102+06

LIMIT OF CONSTRUCTION
STAGE 1 NB
STA 126+09

STAGE 1 PLAN

COORDINATE GRID
NAD 83-2011
CONNECTICUT

LEGEND

(1) DENOTES DRAWING NOS. PLN-01 AND DRN-01.

(2) DENOTES DRAWING NOS. PLN-02 AND DRN-02.

(3) DENOTES DRAWING NOS. PLN-03 AND DRN-03.

THIS SHEET REPLACED BY ADDENDUM NO. 1

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

ADA A.DiCesare Associates, P.C.
690 Clinton Avenue
Bridgeport, CT 06604
203-696-0444
www.adicesarepc.com

DESIGNER/DRAFTER: AMW CHECKED BY: JVS

NOT TO SCALE

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

DRAWING TITLE: **KEY PLAN - STAGE 1**

PROJECT NO.: **0048-0200**

DRAWING NO.: **KEY-02**

SHEET NO.: 03.020

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Key Plan.dgn
PLOTTED DATE: 8/18/2025

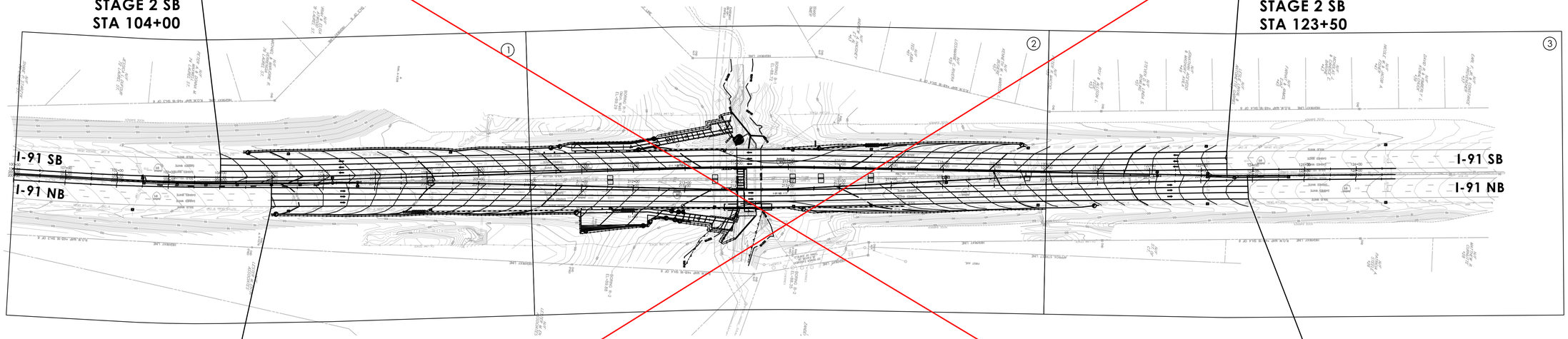
COORDINATE GRID

CONNECTICUT

8/8/2011

LIMIT OF CONSTRUCTION
STAGE 2 SB
STA 104+00

LIMIT OF CONSTRUCTION
STAGE 2 SB
STA 123+50



LIMIT OF CONSTRUCTION
STAGE 2 NB
STA 205+00

LIMIT OF CONSTRUCTION
STAGE 2 NB
STA 223+91

STAGE 2 PLAN

LEGEND

(1) DENOTES DRAWING NOS. PLN-04 AND DRN-04.

(2) DENOTES DRAWING NOS. PLN-05 AND DRN-05.

(3) DENOTES DRAWING NOS. PLN-06 AND DRN-06.

THIS SHEET REPLACED BY ADDENDUM NO. 1

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

ADA A.DiCesare Associates, P.C.
690 Clinton Avenue
Bridgeport, CT 06604
203-696-0444
www.adicesarepc.com

DESIGNER/DRAFTER: AMW CHECKED BY: JVS

NOT TO SCALE

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

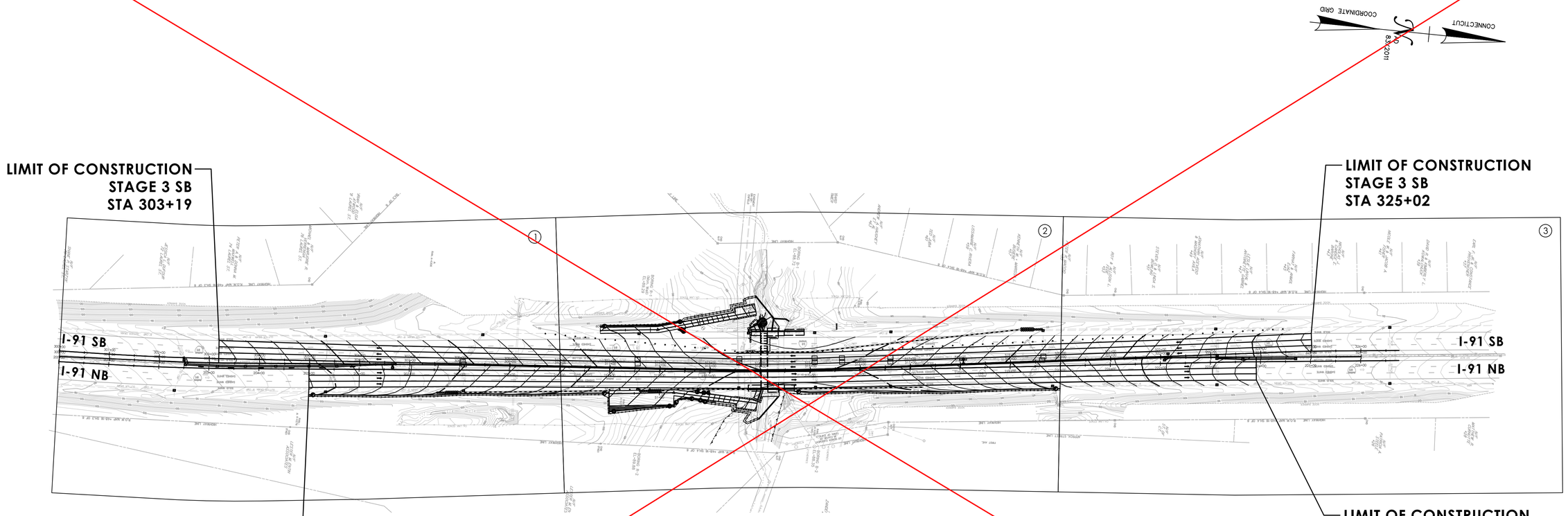
DRAWING TITLE: KEY PLAN - STAGE 2

PROJECT NO.: 0048-0200

DRAWING NO.: KEY-03

SHEET NO.: 03.021

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Key Plan.dgn
PLOTTED DATE: 8/18/2025



STAGE 3 PLAN

COORDINATE GRID
NAD 83-2011
CONNECTICUT

LEGEND

(1) DENOTES DRAWING NOS. PLN-07 AND DRN-07.

(2) DENOTES DRAWING NOS. PLN-08 AND DRN-08.

(3) DENOTES DRAWING NOS. PLN-09 AND DRN-09.

THIS SHEET REPLACED BY ADDENDUM NO. 1

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

ADA A.DiCesare Associates, P.C.
690 Clinton Avenue
Bridgeport, CT 06604
203-696-0444
www.adicesarepc.com

DESIGNER/DRAFTER: CHECKED BY:

NOT TO SCALE

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

DRAWING TITLE: KEY PLAN - STAGE 3

PROJECT NO.: 0048-0200

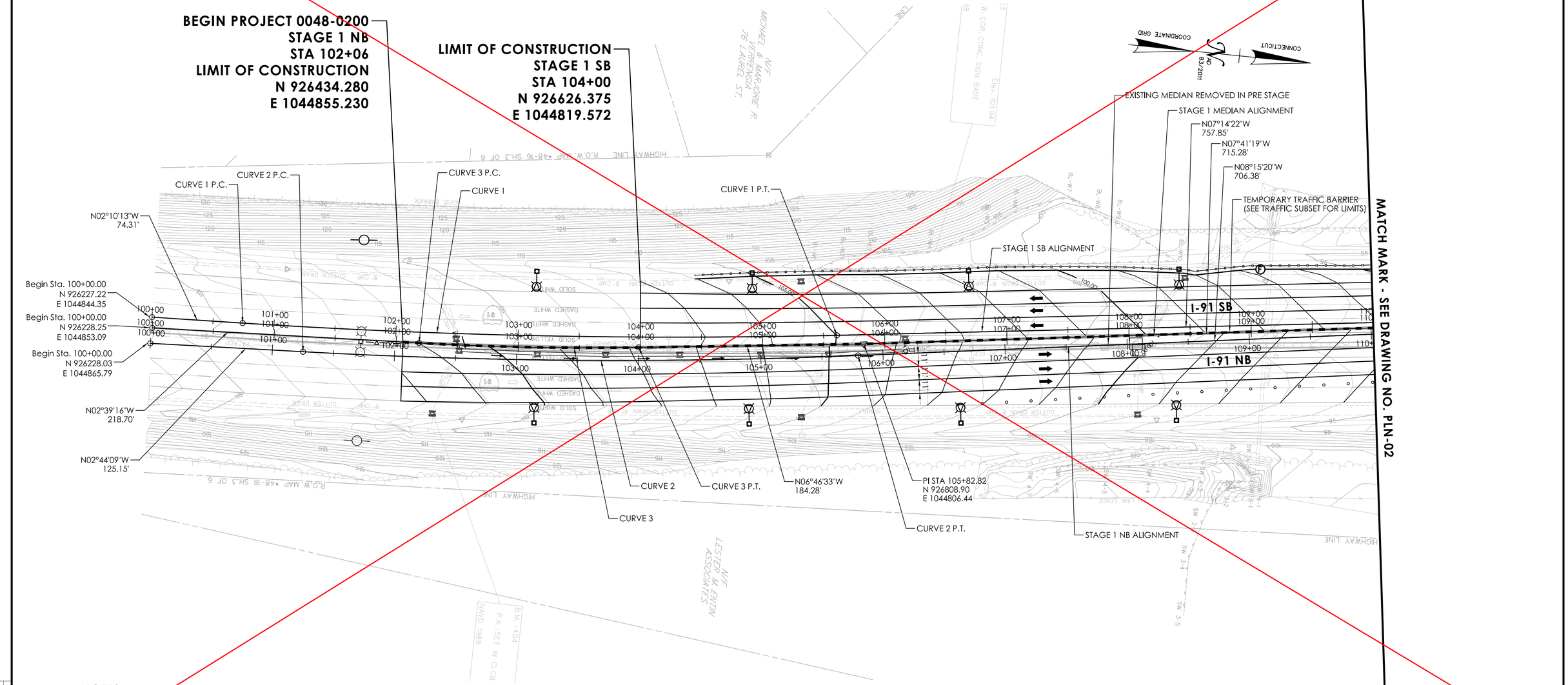
DRAWING NO.: KEY-04

SHEET NO.: 03.022

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Key Plan.dgn
PLOTTED DATE: 8/18/2025

CURVE DATA TABLE

ALIGNMENT	CURVE	STA	NORTHING	EASTING	DELTA	L	R	T
STAGE 1 SB ALIGNMENT	CURVE 1 P.C.	100+74.31	926301.48	1044841.53	-	-	-	-
	CURVE 1 P.I.	103+17.77	926544.76	1044832.31	05°04'09"	486.60'	5500.00'	243.46'
	CURVE 1 P.T.	105+60.91	926786.28	1044801.63	-	-	-	-
STAGE 1 NB ALIGNMENT	CURVE 2 P.C.	101+25.15	926353.04	1044859.81	-	-	-	-
	CURVE 2 P.I.	103+52.53	926580.15	1004848.96	05°31'12"	454.39'	4716.47'	227.37'
	CURVE 2 P.T.	105+79.55	926805.17	1044816.31	-	-	-	-
STAGE 1 MEDIAN ALIGNMENT	CURVE 3 P.C.	102+18.70	926446.72	1044842.96	-	-	-	-
	CURVE 3 P.I.	103+08.66	926536.58	1044838.79	04°07'18"	179.84'	2500.00'	89.96'
	CURVE 3 P.T.	103+98.54	926625.91	1044828.18	-	-	-	-



NOTES:

1. REFER TO TRAFFIC SUBSET FOR MAINTENANCE AND PROTECTION OF TRAFFIC PLANS.
2. REFER TO DRN-01 TO DRN-09 FOR TEMPORARY DRAINAGE LAYOUT.
3. REFER TO ILLUMINATION SUBSET FOR TEMPORARY ILLUMINATION DETAILS.

THIS SHEET REPLACED BY ADDENDUM NO. 1

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

ADA A.DiCesare Associates, P.C.
690 Clinton Avenue
Bridgeport, CT 06604
203-696-0444
www.adicesarepc.com

DESIGNER/DRAFTER: AMW/BF CHECKED BY: JVS

0 40' 80'
HORIZONTAL SCALE
1" = 40'

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

DRAWING TITLE: STAGE 1 ROADWAY PLAN - 1

PROJECT NO.: 0048-0200

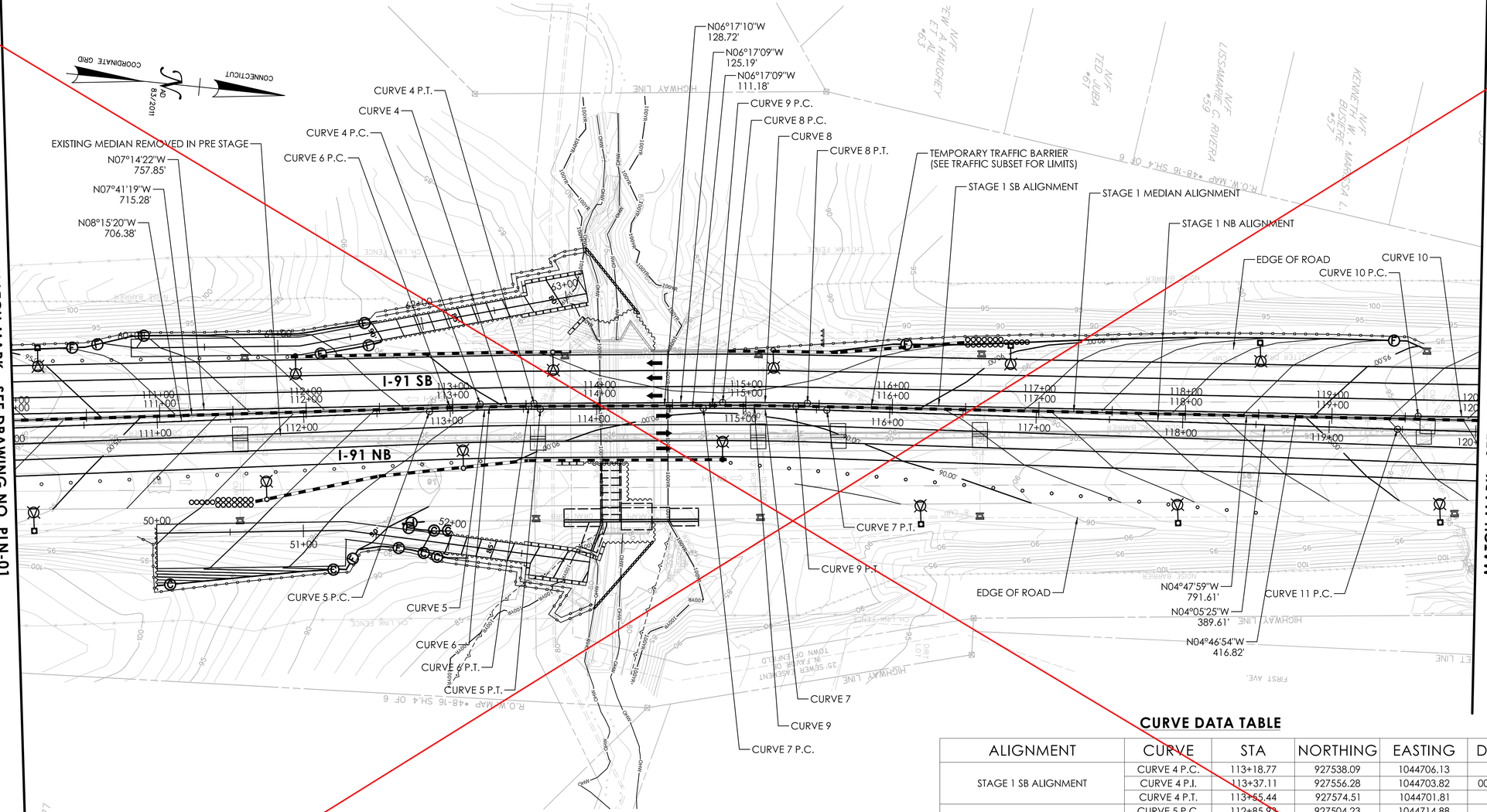
DRAWING NO.: PLN-01

SHEET NO.: 03.023

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Roadway Plan Stage 1.dgn
PLOTTED DATE: 8/18/2025

MATCH MARK - SEE DRAWING NO. PLN-01

MATCH MARK - SEE DRAWING NO. PLN-03



CURVE DATA TABLE

ALIGNMENT	CURVE	STA	NORTHING	EASTING	DELTA	L	R	T
STAGE 1 SB ALIGNMENT	CURVE 4 P.C.	113+18.77	927538.09	1044706.13	-	-	-	-
	CURVE 4 P.I.	113+37.11	927556.28	1044703.82	00°57'13"	36.68'	2204.00'	18.34'
	CURVE 4 P.T.	113+55.44	927574.51	1044701.81	-	-	-	-
STAGE 1 NB ALIGNMENT	CURVE 5 P.C.	112+85.93	927504.23	1044714.88	-	-	-	-
	CURVE 5 P.I.	113+23.75	927541.66	1044709.45	01°58'11"	75.64'	2200.00'	37.82'
	CURVE 5 P.T.	113+61.56	927579.25	1044705.31	-	-	-	-
STAGE 1 BARRIER ALIGNMENT	CURVE 6 P.C.	112+98.10	927517.75	1044710.74	-	-	-	-
	CURVE 6 P.I.	113+25.04	927544.45	1044707.13	01°24'10"	53.87'	2200.00'	26.93'
	CURVE 6 P.T.	113+51.97	927571.22	1044704.19	-	-	-	-
STAGE 1 SB ALIGNMENT	CURVE 7 P.C.	114+72.74	927689.76	1044693.14	-	-	-	-
	CURVE 7 P.I.	115+14.90	927731.66	1044688.52	02°11'44"	84.30'	2200.00'	42.16'
	CURVE 7 P.T.	115+57.04	927773.71	1044685.52	-	-	-	-
STAGE 1 NB ALIGNMENT	CURVE 8 P.C.	114+84.17	927702.46	1044687.72	-	-	-	-
	CURVE 8 P.I.	115+13.11	927731.23	1044684.55	01°30'14"	57.87'	2204.00'	28.94'
	CURVE 8 P.T.	115+42.04	927760.06	1044682.14	-	-	-	-
STAGE 1 BARRIER ALIGNMENT	CURVE 9 P.C.	114+77.16	927695.66	1044690.48	-	-	-	-
	CURVE 9 P.I.	115+05.69	927724.02	1044687.35	01°29'10"	57.06'	2200.00'	28.53'
	CURVE 9 P.T.	115+34.22	927752.45	1044684.97	-	-	-	-
STAGE 1 SB ALIGNMENT	CURVE 10 P.C.	119+58.86	928175.43	1044647.39	-	-	-	-
	CURVE 10 P.I.	119+88.54	928205.01	1044644.92	01°32'45"	59.36'	2200.00'	29.68'
	CURVE 10 P.T.	120+18.22	928234.51	1044641.65	-	-	-	-
STAGE 1 NB ALIGNMENT	CURVE 11 P.C.	119+46.65	928162.33	1044657.73	-	-	-	-
	CURVE 11 P.I.	122+76.30	928491.14	1044631.81	09°20'28"	658.01	4193.00'	329.65'
	CURVE 11 P.T.	126+05.86	928818.72	1044597.29	-	-	-	-

THIS SHEET REPLACED BY ADDENDUM NO. 1

NOTES:

1. REFER TO TRAFFIC SUBSET FOR MAINTENANCE AND PROTECTION OF TRAFFIC PLANS.
2. REFER TO DRN-01 TO DRN-09 FOR TEMPORARY DRAINAGE LAYOUT.
3. REFER TO ILLUMINATION SUBSET FOR TEMPORARY ILLUMINATION DETAILS.

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

ADA A.DiCesare Associates, P.C.
690 Clinton Avenue
Bridgeport, CT 06604
203-696-0444
www.adicesarepc.com

DESIGNER/DRAFTER: AMW/BF CHECKED BY: JVS

0 40' 80'
HORIZONTAL SCALE
1" = 40'

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S):
ENFIELD

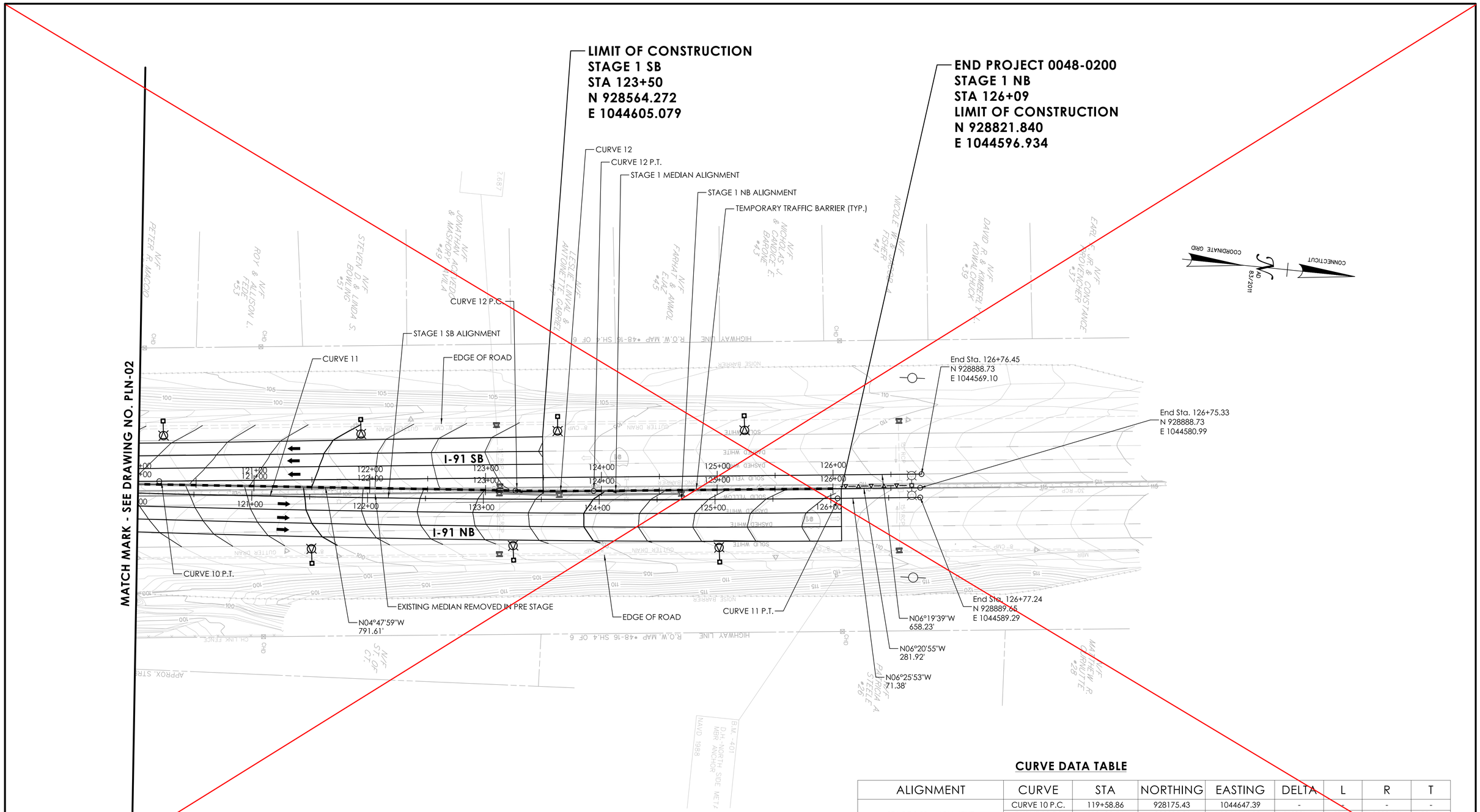
DRAWING TITLE:
STAGE 1 ROADWAY PLAN - 2

PROJECT NO.:
0048-0200

DRAWING NO.:
PLN-02

SHEET NO.:
03.024

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Roadway Plan Stage 1.dgn
PLOTTED DATE: 8/18/2025



CURVE DATA TABLE

ALIGNMENT	CURVE	STA	NORTHING	EASTING	DELTA	L	R	T
STAGE 1 SB ALIGNMENT	CURVE 10 P.C.	119+58.86	928175.43	1044647.39	-	-	-	-
	CURVE 10 P.I.	119+88.54	928205.01	1044644.92	01°32'45"	59.36'	2200.00'	29.68'
	CURVE 10 P.T.	120+18.22	928234.51	1044641.65	-	-	-	-
STAGE 1 NB ALIGNMENT	CURVE 11 P.C.	119+46.65	928162.33	1044657.73	-	-	-	-
	CURVE 11 P.I.	122+76.30	928491.14	1044634.21	02°20'28"	659.21'	16133.00'	329.65'
	CURVE 11 P.T.	126+05.86	928818.72	1044597.29	-	-	-	-
STAGE 1 BARRIER ALIGNMENT	CURVE 12 P.C.	123+25.83	928541.29	1044618.73	-	-	-	-
	CURVE 12 P.I.	123+59.62	928574.96	1044615.9	01°32'55"	67.58'	2500.00'	33.79'
	CURVE 12 P.T.	123+93.41	928608.64	1044613.1	-	-	-	-

THIS SHEET REPLACED BY ADDENDUM NO. 1

NOTES:

1. REFER TO TRAFFIC SUBSET FOR MAINTENANCE AND PROTECTION OF TRAFFIC PLANS.
2. REFER TO DRN-01 TO DRN-09 FOR TEMPORARY DRAINAGE LAYOUT.
3. REFER TO ILLUMINATION SUBSET FOR TEMPORARY ILLUMINATION DETAILS.

REVISION DESCRIPTION | DATE | REV

SIGNATURE BLOCK:
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0 40' 80'
HORIZONTAL SCALE
1" = 40'

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

DRAWING TITLE: STAGE 1 ROADWAY PLAN - 3

PROJECT NO.: 0048-0200

DRAWING NO.: PLN-03

SHEET NO.: 03.025

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Roadway Plan Stage 1.dgn
PLOTTED DATE: 8/18/2025

CURVE DATA TABLE

ALIGNMENT	CURVE	STA	NORTHING	EASTING	DELTA	L	R	T
STAGE 2 NB ALIGNMENT	CURVE 13 P.C.	201+25.15	926353.04	1044859.81	-	-	-	-
	CURVE 13 P.I.	202+39.57	926467.33	1044854.35	02°46'46"	228.79'	4716.51'	114.42'
	CURVE 13 P.T.	203+53.94	926581.22	1044843.36	-	-	-	-
STAGE 2 NB BARRIER ALIGNMENT	CURVE 14 P.C.	201+92.50	926420.68	1044846.89	-	-	-	-
	CURVE 14 P.I.	202+81.79	926509.88	1044842.99	03°24'34"	178.52'	3000.00'	89.29'
	CURVE 14 P.T.	203+71.02	926598.69	1044833.8	-	-	-	-

BEGIN PROJECT 0048-0200
STAGE 2
STA 102+06
LIMIT OF CONSTRUCTION
N 926433.464
E 1044843.573

LIMIT OF CONSTRUCTION
STAGE 2 SB
STA 104+00
N 926626.375
E 1044819.572

LIMIT OF CONSTRUCTION
STAGE 1 SB
STA 104+00
N 926626.375
E 1044819.572

STAGE 1 SB ALIGNMENT
(REMAINS DURING STAGE 2)

STAGE 2 NB ALIGNMENT

STAGE 2 NB BARRIER ALIGNMENT

STAGE 1 MEDIAN ALIGNMENT
(REMAINS DURING STAGE 2)

CURVE 14 P.C.

CURVE 13 P.C.

CURVE 13

EDGE OF ROAD

Begin Sta. 100+00.00
N 926227.22
E 1044844.35

Begin Sta. 100+00.00
N 926228.25
E 1044853.09

Begin Sta. 200+00.00
N 926228.03
E 1044865.79

Begin Sta. 200+00.00
N 926228.35
E 1044855.28

N02°30'02"W
192.50'

N02°44'09"W
125.15'

CURVE 14

CURVE 13 P.T.

CURVE 14 P.T.

EDGE OF ROAD

N05°30'54"W
993.08'

N05°54'36"W
492.34'

EXISTING MEDIAN REMOVED IN PRE STAGE

PI 208+63.36
N 927088.41
E 1044783.10

N04°26'06"W
492.89'

I-91 SB

I-91 NB

MATCH MARK - SEE DRAWING NO. PLN-05

COORDINATE GRID

CONNECTICUT

NAD 83/2011

NOTES:

1. REFER TO TRAFFIC SUBSET FOR MAINTENANCE AND PROTECTION OF TRAFFIC PLANS.
2. REFER TO DRN-01 TO DRN-09 FOR TEMPORARY DRAINAGE LAYOUT.
3. REFER TO ILLUMINATION SUBSET FOR TEMPORARY ILLUMINATION DETAILS.

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0 40' 80'
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1" = 40'

CTDOT
CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S):
ENFIELD

DRAWING TITLE:
STAGE 2 ROADWAY PLAN - 1

PROJECT NO.:
0048-0200

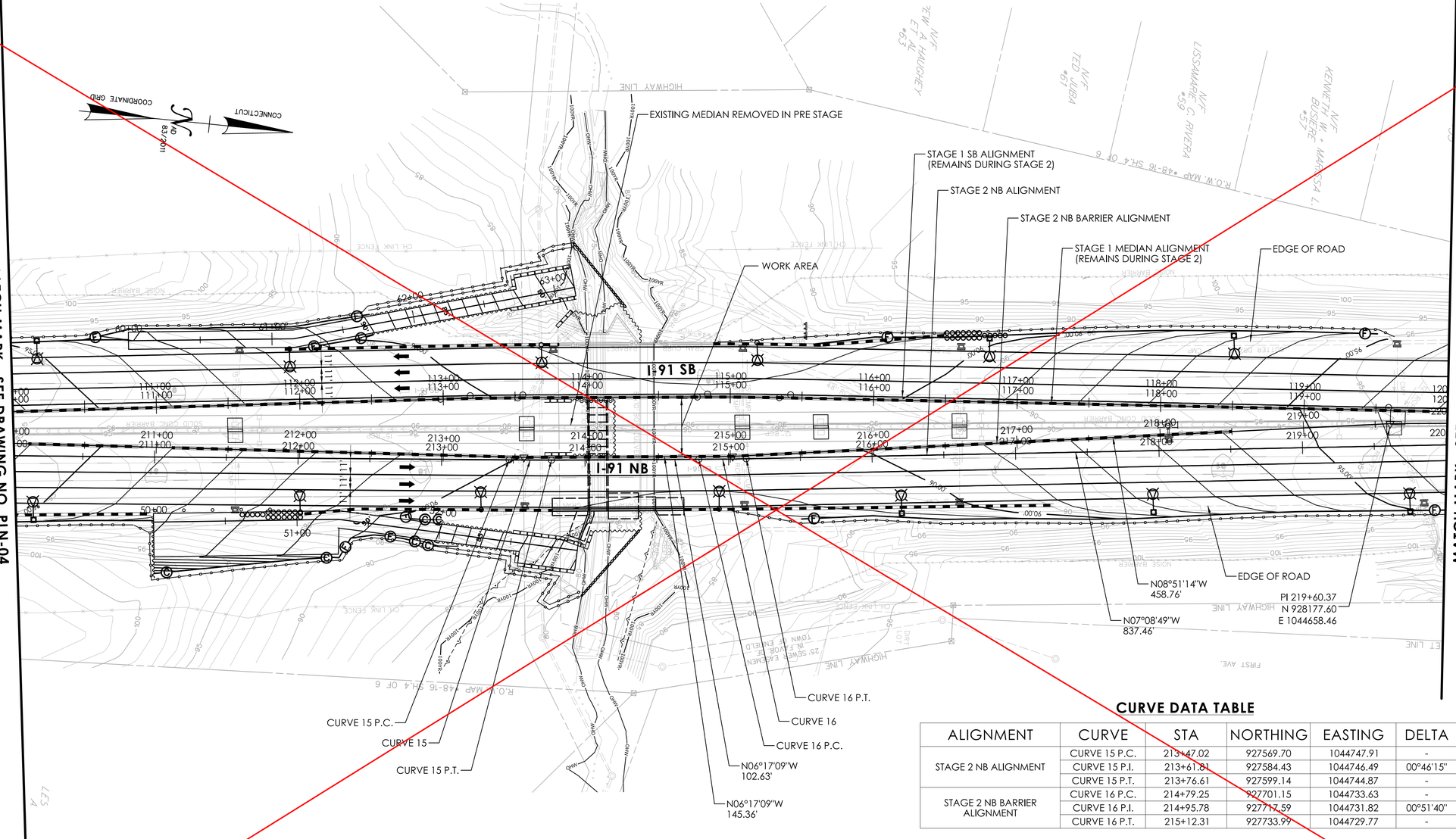
DRAWING NO.:
PLN-04

SHEET NO.:
03.026

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Roadway Plan Stage 2.dgn
PLOTTED DATE: 8/18/2025

MATCH MARK - SEE DRAWING NO. PLN-04

MATCH MARK - SEE DRAWING NO. PLN-06



CURVE DATA TABLE

ALIGNMENT	CURVE	STA	NORTHING	EASTING	DELTA	L	R	T
STAGE 2 NB ALIGNMENT	CURVE 15 P.C.	213+47.02	927569.70	1044747.91	-	-	-	-
	CURVE 15 P.I.	213+61.81	927584.43	1044746.49	00°46'15"	29.59'	2200.00'	14.80'
	CURVE 15 P.T.	213+76.61	927599.14	1044744.87	-	-	-	-
STAGE 2 NB BARRIER ALIGNMENT	CURVE 16 P.C.	214+79.25	927701.15	1044733.63	-	-	-	-
	CURVE 16 P.I.	214+95.78	927717.59	1044731.82	00°51'40"	33.07'	2200.00'	16.53'
	CURVE 16 P.T.	215+12.31	927733.99	1044729.77	-	-	-	-

NOTES:

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2. REFER TO DRN-01 TO DRN-09 FOR TEMPORARY DRAINAGE LAYOUT.
3. REFER TO ILLUMINATION SUBSET FOR TEMPORARY ILLUMINATION DETAILS.

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0 40' 80'
HORIZONTAL SCALE
1" = 40'

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

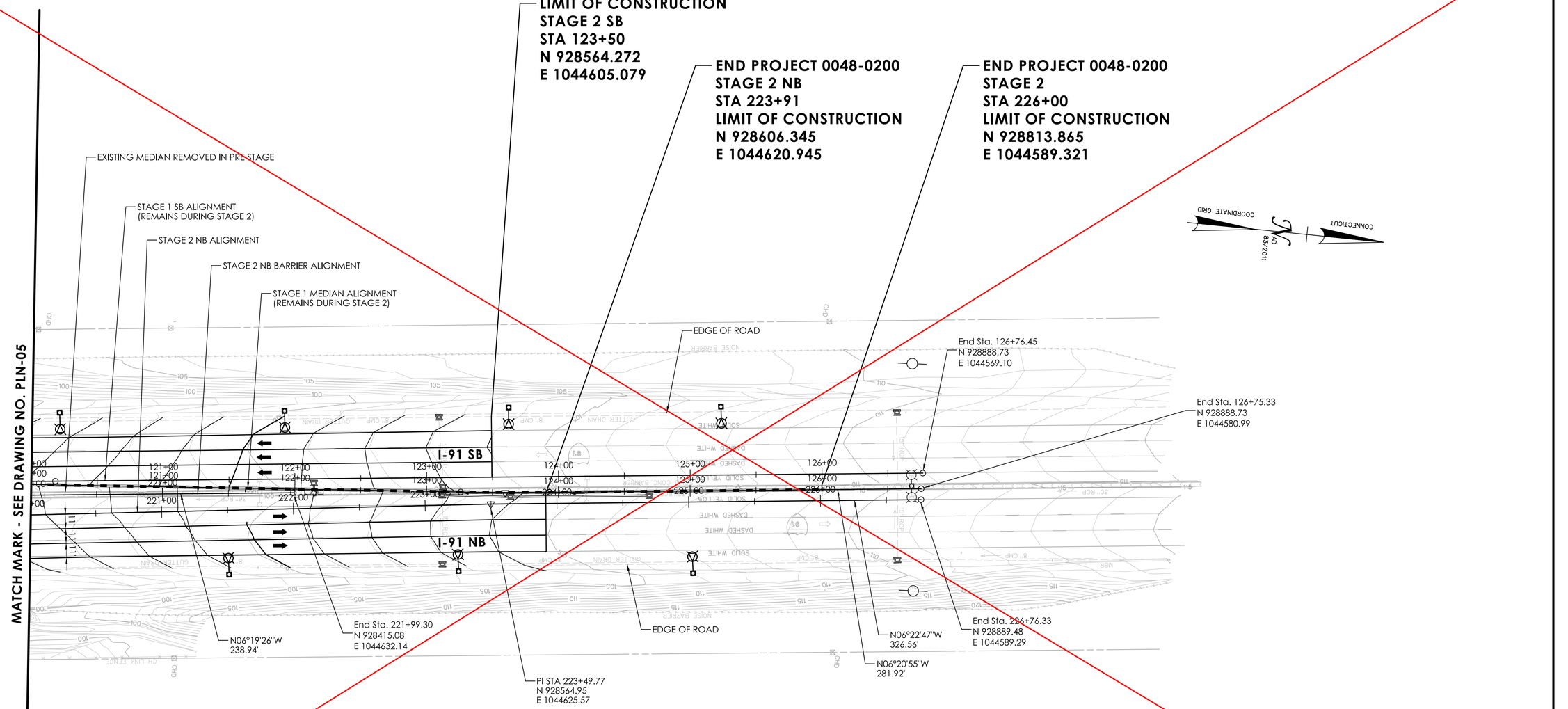
DRAWING TITLE: STAGE 2 ROADWAY PLAN - 2

PROJECT NO.: 0048-0200

DRAWING NO.: PLN-05

SHEET NO.: 03.027

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Roadway Plan Stage 2.dgn
PLOTTED DATE: 8/18/2025



NOTES:

1. REFER TO TRAFFIC SUBSET FOR MAINTENANCE AND PROTECTION OF TRAFFIC PLANS.
2. REFER TO DRN-01 TO DRN-09 FOR TEMPORARY DRAINAGE LAYOUT.
3. REFER TO ILLUMINATION SUBSET FOR TEMPORARY ILLUMINATION DETAILS.

THIS SHEET REPLACED BY ADDENDUM NO. 1

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CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

DRAWING TITLE: STAGE 2 ROADWAY PLAN - 3

PROJECT NO.: 0048-0200

DRAWING NO.: PLN-06

SHEET NO.: 03.028

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Roadway Plan Stage 2.dgn
PLOTTED DATE: 8/18/2025

CURVE DATA TABLE

ALIGNMENT	CURVE	STA	NORTHING	EASTING	DELTA	L	R	T
STAGE 3 SB ALIGNMENT	CURVE 17 P.C.	300+90.44	926317.40	1044840.93	-	-	-	-
	CURVE 17 P.I.	301+97.48	926424.36	1044836.84	02°27'10"	214.05'	5000.00'	107.04'
	CURVE 17 P.T.	303+04.49	926531.05	1044828.17	-	-	-	-
STAGE 3 MEDIAN ALIGNMENT	CURVE 18 P.C.	302+21.71	926449.71	1044842.72	-	-	-	-
	CURVE 18 P.I.	302+78.16	926506.07	1044839.52	02°09'22"	112.89'	3000.00'	56.45'
	CURVE 18 P.T.	303+34.60	926562.27	1044834.2	-	-	-	-

BEGIN PROJECT 0048-0200
STAGE 3
STA 302+08
LIMIT OF CONSTRUCTION
N 926435.855
E 1044843.505

LIMIT OF CONSTRUCTION
STAGE 3 SB
STA 303+19
N 926545.445
E 1044827.001

EXISTING MEDIAN REMOVED IN PRE STAGE
STAGE 3 SB ALIGNMENT
STAGE 3 MEDIAN ALIGNMENT
STAGE 2 NB ALIGNMENT (REMAINS DURING STAGE 3)
EDGE OF ROAD

CURVE 17 P.C.
CURVE 17
CURVE 18 P.C.
N02°11'32"W 90.44'
Begin Sta. 300+00.00 N 926227.03 E 1044844.39
Begin Sta. 300+00.00 N 926228.35 E 1044855.28
N03°14'56"W 221.71'
CURVE 18
CURVE 17 P.T.
CURVE 18 P.T.
N04°38'42"W 1021.31'
N05°24'18"W 493.10'
EDGE OF ROAD
PI 308+27.70 N 927053.18 E 1044787.75

LIMIT OF CONSTRUCTION
STAGE 3 NB
STA 205+00
N 926726.601
E 1044829.319

I-91 SB
I-91 NB

MATCH MARK - SEE DRAWING NO. PLN-08

NOTES:
1. REFER TO TRAFFIC SUBSET FOR MAINTENANCE AND PROTECTION OF TRAFFIC PLANS.
2. REFER TO DRN-01 TO DRN-09 FOR TEMPORARY DRAINAGE LAYOUT.
3. A FINAL MILL AND PAVE WILL BE PERFORMED AFTER STAGE 3 CONSISTING OF 2" MILLING AND 2" OF PMA S0.5 TRAFFIC LEVEL 3 IN 1 LIFT.
4. REFER TO ILLUMINATION SUBSET FOR TEMPORARY ILLUMINATION DETAILS.

THIS SHEET REPLACED BY ADDENDUM NO. 1

REV. | DATE | REVISION DESCRIPTION

SIGNATURE BLOCK:

A.DiCesare Associates, P.C.
690 Clinton Avenue
Bridgeport, CT 06604
203-696-0444
www.adicesarepc.com

DESIGNER/DRAFTER: AMW/BF CHECKED BY: JVS

HORIZONTAL SCALE 1" = 40' (0, 40', 80')

CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

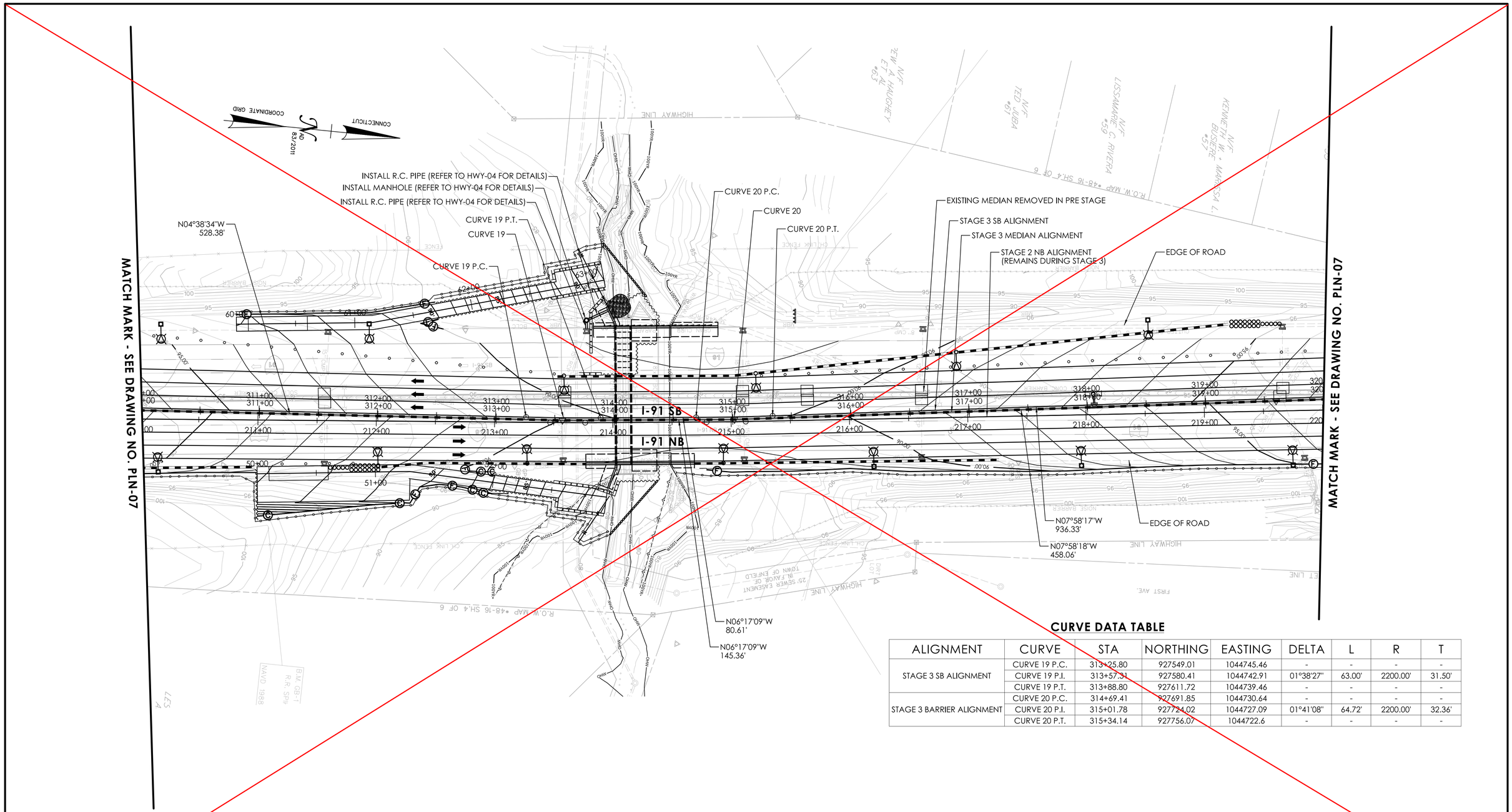
DRAWING TITLE: **STAGE 3 ROADWAY PLAN - 1**

PROJECT NO.: **0048-0200**

DRAWING NO.: **PLN-07**

SHEET NO.: 03.029

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Roadway Plan Stage 3.dgn
PLOTTED DATE: 8/18/2025



CURVE DATA TABLE

ALIGNMENT	CURVE	STA	NORTHING	EASTING	DELTA	L	R	T
STAGE 3 SB ALIGNMENT	CURVE 19 P.C.	313+25.80	927549.01	1044745.46	-	-	-	-
	CURVE 19 P.I.	313+57.31	927580.41	1044742.91	01°38'27"	63.00'	2200.00'	31.50'
	CURVE 19 P.T.	313+88.80	927611.72	1044739.46	-	-	-	-
STAGE 3 BARRIER ALIGNMENT	CURVE 20 P.C.	314+69.41	927691.85	1044730.64	-	-	-	-
	CURVE 20 P.I.	315+01.78	927724.02	1044727.09	01°41'08"	64.72'	2200.00'	32.36'
	CURVE 20 P.T.	315+34.14	927756.07	1044722.6	-	-	-	-

NOTES:

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CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

DRAWING TITLE: **STAGE 3 ROADWAY PLAN - 2**

PROJECT NO.: **0048-0200**

DRAWING NO.: **PLN-08**

SHEET NO.: 03.030

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Roadway Plan Stage 3.dgn
PLOTTED DATE: 8/18/2025

END PROJECT 0048-0200
STAGE 3 NB
STA 323+91
LIMIT OF CONSTRUCTION
N 928606.345
E 1044620.945

LIMIT OF CONSTRUCTION
STAGE 3 SB
STA 325+02
N 928714.252
E 1044588.650

END PROJECT 0048-0200
STAGE 2
STA 326+00
LIMIT OF CONSTRUCTION
N 928813.862
E 1044589.322

EXISTING MEDIAN REMOVED IN PRE STAGE

STAGE 3 SB ALIGNMENT

STAGE 3 MEDIAN ALIGNMENT

STAGE 2 NB ALIGNMENT
(REMAINS DURING STAGE 3)

CURVE 21

EDGE OF ROAD

End Sta. 326+76.25
N 928887.78
E 1044569.21

I-91 SB

I-91 NB

End Sta. 226+76.33
N 928889.48
E 1044589.29

PI 321+98.98
N 928415.11
E 1044632.34

N06°18'50"W
142.15'

End Sta. 326+00.05
N 928813.86
E 1044589.32

CURVE 21 P.C.

N06°09'24"W
401.07'

EDGE OF ROAD

CURVE 21 P.T.

MATCH MARK - SEE DRAWING NO. PLN-08

CURVE DATA TABLE

ALIGNMENT	CURVE	STA	NORTHING	EASTING	DELTA	L	R	T
STAGE 3 SB ALIGNMENT	CURVE 21 P.C.	324+70.46	928683.35	1044592.75	-	-	-	-
	CURVE 21 P.I.	325+02.29	928714.86	1044588.34	01°39'27"	63.64'	2200.00'	31.82'
	CURVE 21 P.T.	325+34.10	928746.49	1044584.84	-	-	-	-

NOTES:

1. REFER TO TRAFFIC SUBSET FOR MAINTENANCE AND PROTECTION OF TRAFFIC PLANS.
2. REFER TO DRN-01 TO DRN-09 FOR TEMPORARY DRAINAGE LAYOUT.
3. A FINAL MILL AND PAVE WILL BE PERFORMED AFTER STAGE 3 CONSISTING OF 2" MILLING AND 2" OF PMA S0.5 TRAFFIC LEVEL 3 IN 1 LIFT.
4. REFER TO ILLUMINATION SUBSET FOR TEMPORARY ILLUMINATION DETAILS.

THIS SHEET REPLACED BY ADDENDUM NO. 1

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:
A.DiCesare Associates, P.C.
690 Clinton Avenue
Bridgeport, CT 06604
203-696-0444
www.adicesarepc.com

DESIGNER/DRAFTER: AMW/BF CHECKED BY: JVS

0 40' 80'
HORIZONTAL SCALE
1" = 40'

CTDOT
CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S):
ENFIELD

DRAWING TITLE:
STAGE 3 ROADWAY PLAN - 3

PROJECT NO.:
0048-0200

DRAWING NO.:
PLN-09

SHEET NO.:
03.031

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Roadway Plan Stage 3.dgn
PLOTTED DATE: 8/18/2025

BEGIN PROJECT 0048-0200
STAGE 1 NB
STA 102+06
LIMIT OF CONSTRUCTION
N 926434.280
E 1044855.230

LIMIT OF CONSTRUCTION
STAGE 1 SB
STA 104+00
N 926626.375
E 1044819.572

MATCH MARK - SEE DRAWING NO. DRN-02

NAD 83/2011
CONNECTICUT COORDINATE GRID

55' - 30" R.C. PIPE
0' - 10' DEEP

TYPE 'C-L' CATCH BASIN
0' - 10' DEEP
STA. 104+32 6' RT
T.F. = 107.29'
INV. = 97.50' (N)
INV. = 97.50' (S)

61' - 30" R.C. PIPE
0' - 10' DEEP

MAINTAIN EXISTING CATCH BASIN
T.F. = 103.73

PRIOR TO PRE STAGE (SEE TRAFFIC SUBSET) RESET TYPE 'C-L' CATCH BASIN WITHTYPE 'C-L' CATCH BASIN TOP HEAVY DUTY
T.F.=104.34'

EDGE OF ROAD

TYPE 'C-L' DROP INLET
0' - 10' DEEP
STA. 106+17 3' LT
T.F. = 103.96'
INV. = 99.96'

5' - 12" R.C. PIPE
0' - 10' DEEP

4' - 30" R.C. PIPE
0' - 10' DEEP

CONCRETE PIPE CONNECTION

EXISTING MEDIAN REMOVED IN PRE STAGE

PRIOR TO PRE STAGE (SEE TRAFFIC SUBSET) RESET TYPE 'C-L' CATCH BASIN WITHTYPE 'C-L' CATCH BASIN TOP HEAVY DUTY
T.F.=98.17'

STAGE 1 MEDIAN ALIGNMENT
STAGE 1 NB ALIGNMENT
STAGE 1 SB ALIGNMENT

I-91 SB
I-91 NB

MAINTAIN EXISTING CATCH BASIN
T.F. = 110.23

COLLAR CONNECTION

4' - 15" C.C.M. PIPE
0' - 10' DEEP

REMOVE EXISTING PIPE
0' - 10' DEEP

TYPE 'C-L' CATCH BASIN
0' - 10' DEEP
STA. 102+49 5' LT
T.F. = 111.00'
INV. = 102.28' (SW)
INV. = 102.28' (NE)

7' - 15" C.C.M. PIPE
0' - 10' DEEP

CONVERT CATCH BASIN TO TYPE 'C-L' CATCH BASIN
T.F. = 110.54'
INV. = 102.05' (SW)
EX. INV. = 102.05' (E)
EX. INV. = 101.35' (SE)
INV. = 101.05' (N)

PRIOR TO PRE STAGE (SEE TRAFFIC SUBSET) RESET TYPE 'C-L' CATCH BASIN WITHTYPE 'C-L' CATCH BASIN TOP HEAVY DUTY
T.F.=111.51

MAINTAIN EXISTING CATCH BASIN
T.F. = 110.20

60' - 30" R.C. PIPE
0' - 10' DEEP

TYPE 'C-L' CATCH BASIN
0' - 10' DEEP
STA. 103+17 5.5' RT
T.F. = 109.40'
INV. = 99.00' (N)
INV. = 99.00' (S)

TYPE 'C-L' CATCH BASIN
0' - 10' DEEP
STA. 103+71 6' RT
T.F. = 108.40'
INV. = 98.50' (N)
INV. = 98.50' (S)

50' - 30" R.C. PIPE
0' - 10' DEEP

EDGE OF ROAD

57' - 30" R.C. PIPE
0' - 10' DEEP

CONVERT CATCH BASIN TO TYPE 'C-L' CATCH BASIN
T.F. = 105.02'
INV. = 94.40' (N)
INV. = 95.50' (S)
EX. INV. = 96.90'(SE)
EX. INV. = 96.90'(SW)

50' - 30" R.C. PIPE
0' - 10' DEEP

PRIOR TO PRE STAGE (SEE TRAFFIC SUBSET) RESET TYPE 'C-L' CATCH BASIN WITHTYPE 'C-L' CATCH BASIN TOP HEAVY DUTY
T.F.=105.00'

MAINTAIN EXISTING CATCH BASIN
T.F. = 103.46'

TYPE 'C-L' CATCH BASIN
0' - 10' DEEP
STA. 104+99 7.5' RT
T.F. = 106.05'
INV. = 96.50' (N)
INV. = 95.50' (S)

MANHOLE (5' DIA.)
0' - 10' DEEP
STA. 106+17 7' RT
T.F. = 103.83'
INV. = 94.36' (N)
INV. = 94.45' (S)
INV. = 99.83' (W)

REMOVE EXISTING CATCH BASIN TOP AND COVER WITH STEEL PLATE PRIOR TO PLACING PROCESSED AGGREGATE BASE

PRIOR TO PRE STAGE (SEE TRAFFIC SUBSET) RESET TYPE 'C-L' CATCH BASIN WITHTYPE 'C-L' CATCH BASIN TOP HEAVY DUTY
T.F. = 98.93'

NOTES:

1. ALL BASELINE OFFSETS SHALL BE APPLIED AT THE CENTER OF THE GRATE FOR TYPE 'C-L' CATCH BASINS AND AT THE CENTER OF THE COVER FOR MANHOLES. ALL BASELINE OFFSETS FOR TYPE 'C' CATCH BASINS SHALL BE APPLIED AT THE CENTER OF THE GRATE AT THE GUTTER LINE.
2. ALL TEMPORARY CATCH BASINS MAY HAVE NO SUMP IN ORDER TO MAINTAIN DEPTH LESS THAN 10'.
3. STEEL PLATES SHALL BE INCLUDE A 24" MIN. OVERHANG BEYOND EACH DRAINAGE STRUCTURE THAT IS COVERED. WHERE TWO STRUCTURES ARE ADJACENT, A SINGLE STEEL PLATE SHALL BE USED. STEEL PLATES TO BE PAID UNDER ITEM # 1300085A "STANDARD STEEL ROAD PLATE".
4. SEE SUBSET #05 - TRAFFIC FOR PRE STAGE AND STAGE 1 MAINTENANCE AND PROTECTION OF TRAFFIC.
5. SEDIMENT CONTROL SYSTEM AT CATCH BASIN SHALL BE INSTALLED AT ALL EXISTING AND PROPOSED CATCH BASINS WITHIN THE LIMITS OF CONSTRUCTION. ADDITIONALLY, EXISTING CATCH BASINS DOWN GRADIENT OF PROPOSED WORK AND DISTURBED AREAS SHALL RECEIVE A SEDIMENT CONTROL SYSTEM. WHEN A STRUCTURE IS RESET OR CONVERTED THE PREVIOUSLY INSTALLED SYSTEM SHOULD BE RESET AND WILL NOT BE MEASURED AGAIN FOR PAYMENT UNLESS INSTALLATION AND MEASUREMENT OF A NEW SEDIMENT CONTROL SYSTEM IS APPROVED BY THE ENGINEER. PAYMENT SHALL UTILIZE ITEM # 0270071A "SEDIMENT CONTROL SYSTEM AT CATCH BASIN."

THIS SHEET REPLACED BY ADDENDUM NO. 1

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

A.DiCesare Associates, P.C.
690 Clinton Avenue
Bridgeport, CT 06604
203-696-0444
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DESIGNER/DRAFTER: AMW/BF CHECKED BY: JVS

0 40' 80'
HORIZONTAL SCALE
1" = 40'

CTDOT
CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S):
ENFIELD

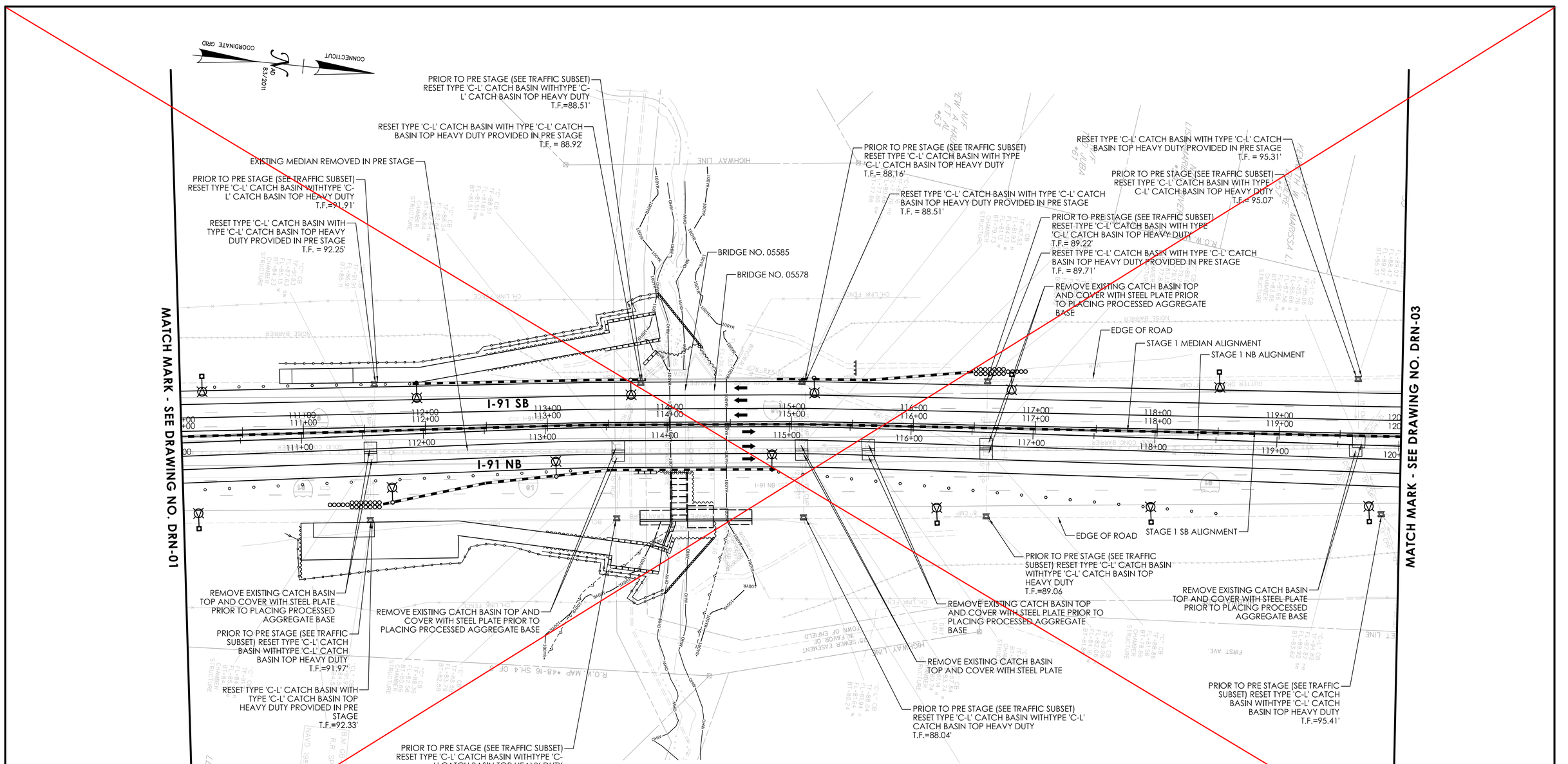
DRAWING TITLE:
STAGE 1 DRAINAGE PLAN - 1

PROJECT NO.:
0048-0200

DRAWING NO.:
DRN-01

SHEET NO.:
03.032

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Drainage Plan Stage 1.dgn
PLOTTED DATE: 8/18/2025



NOTES:

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THIS SHEET REPLACED BY ADDENDUM NO. 1

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DESIGNER/DRAFTER: AMW/BF CHECKED BY: JVS

0 40' 80'
HORIZONTAL SCALE 1" = 40'

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

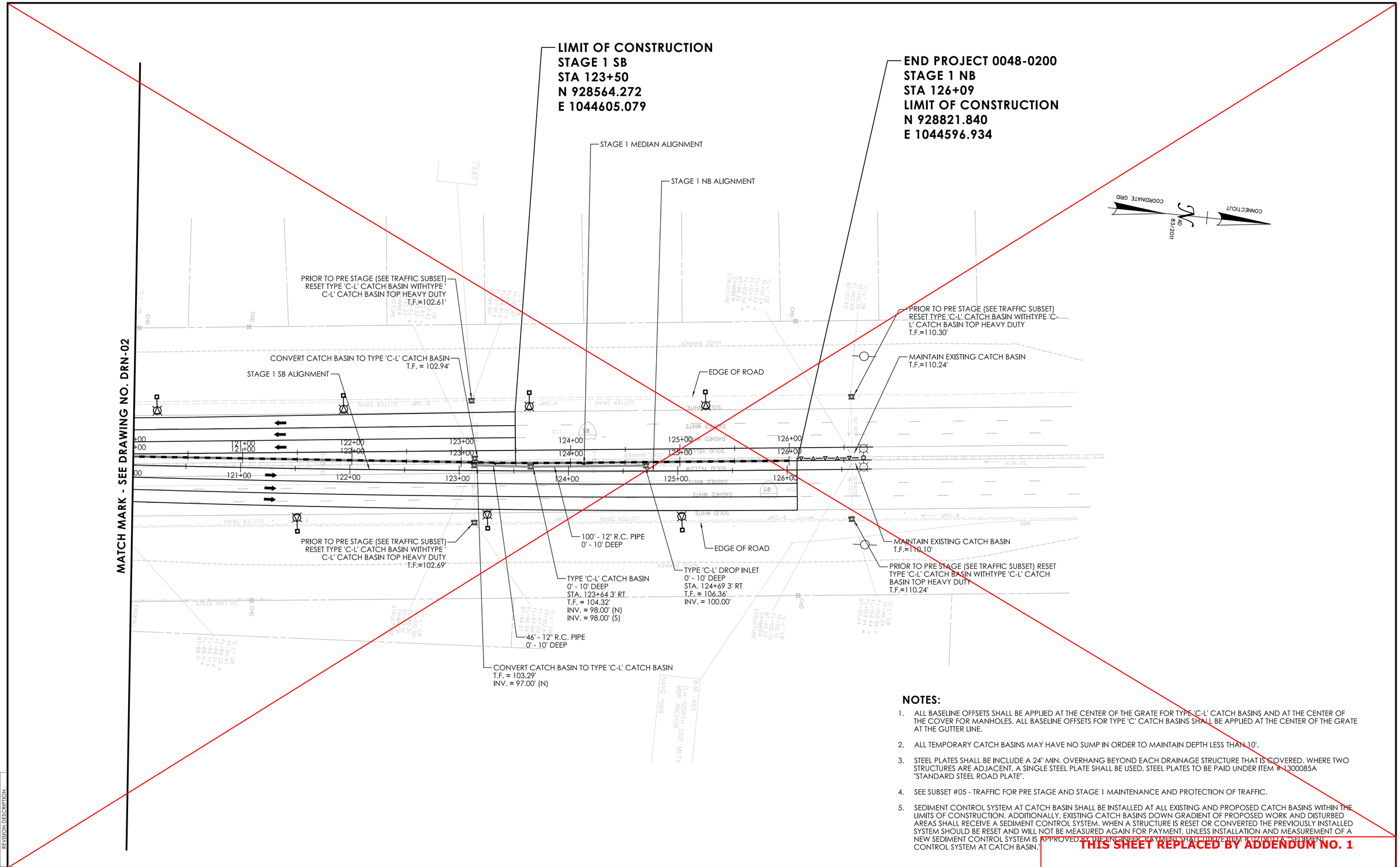
DRAWING TITLE: STAGE 1 DRAINAGE PLAN - 2

PROJECT NO.: 0048-0200

DRAWING NO.: DRN-02

SHEET NO.: 03.033

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Drainage Plan Stage 1.dgn
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0 40' 80'
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CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

DRAWING TITLE: STAGE 1 DRAINAGE PLAN - 3

PROJECT NO.: 0048-0200

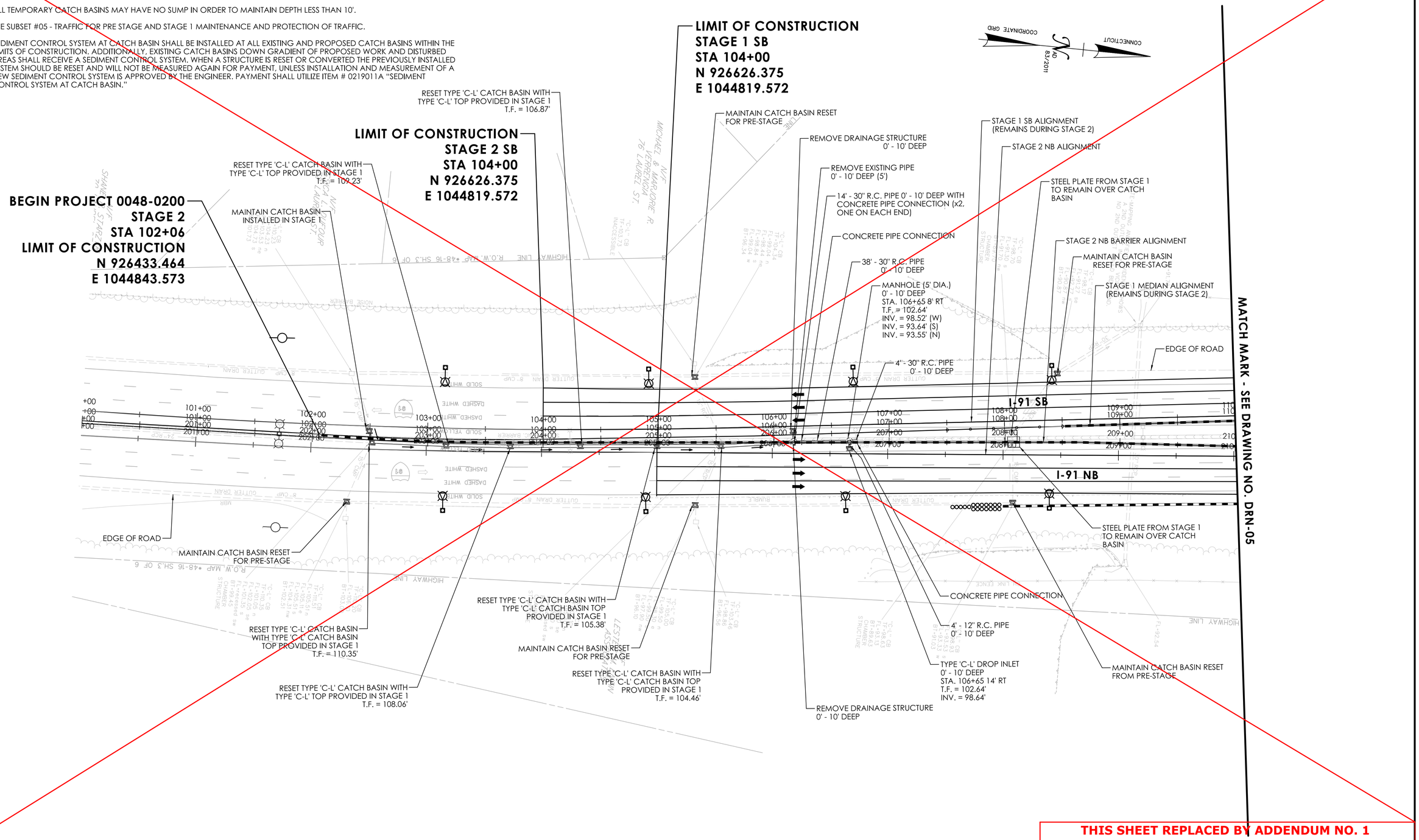
DRAWING NO.: DRN-03

SHEET NO.: 03.034

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Drainage Plan Stage 1.dgn
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PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

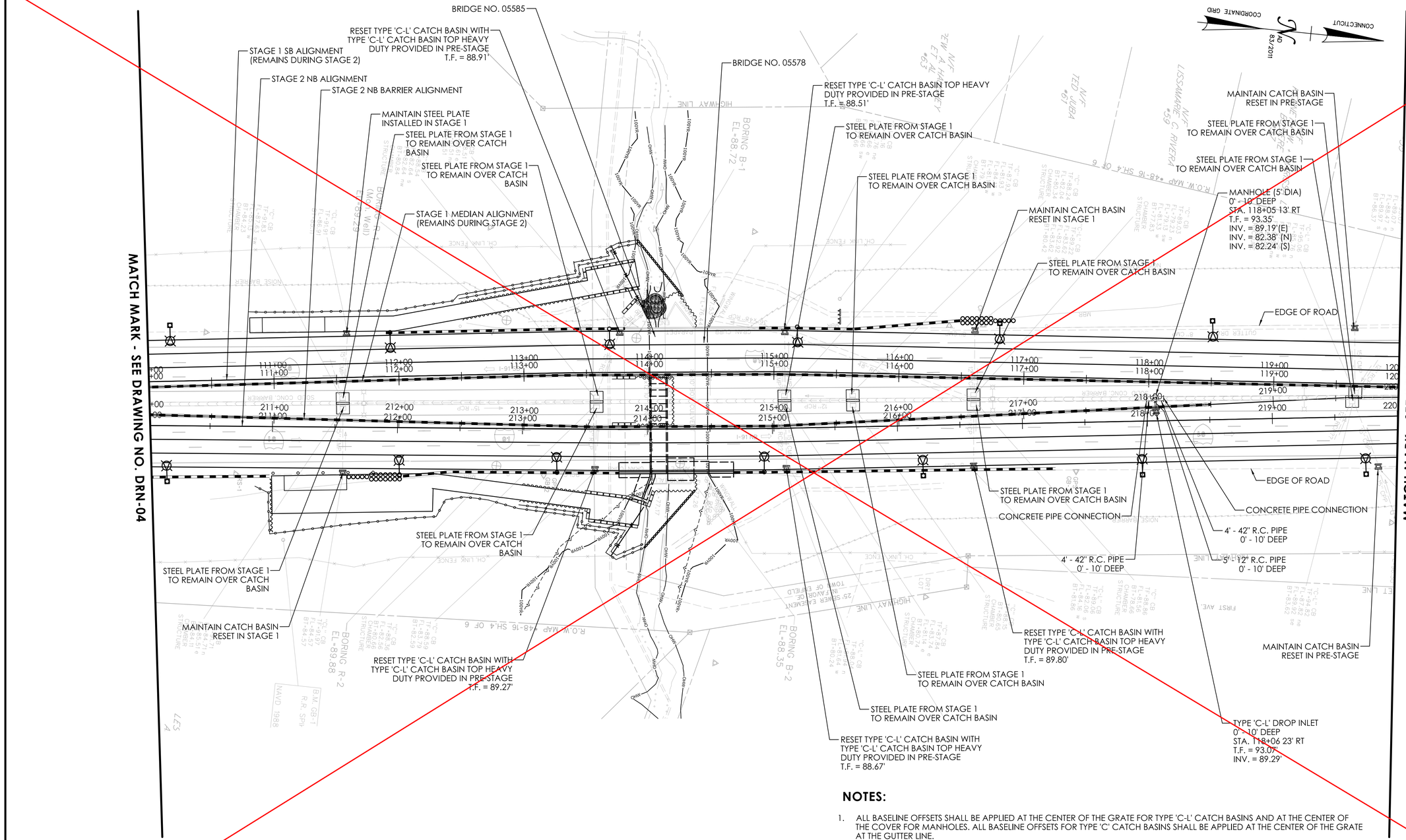
DRAWING TITLE: STAGE 2 DRAINAGE PLAN - 1

PROJECT NO.: 0048-0200

DRAWING NO.: DRN-04

SHEET NO.: 03.035

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Drainage Plan Stage 2.dgn
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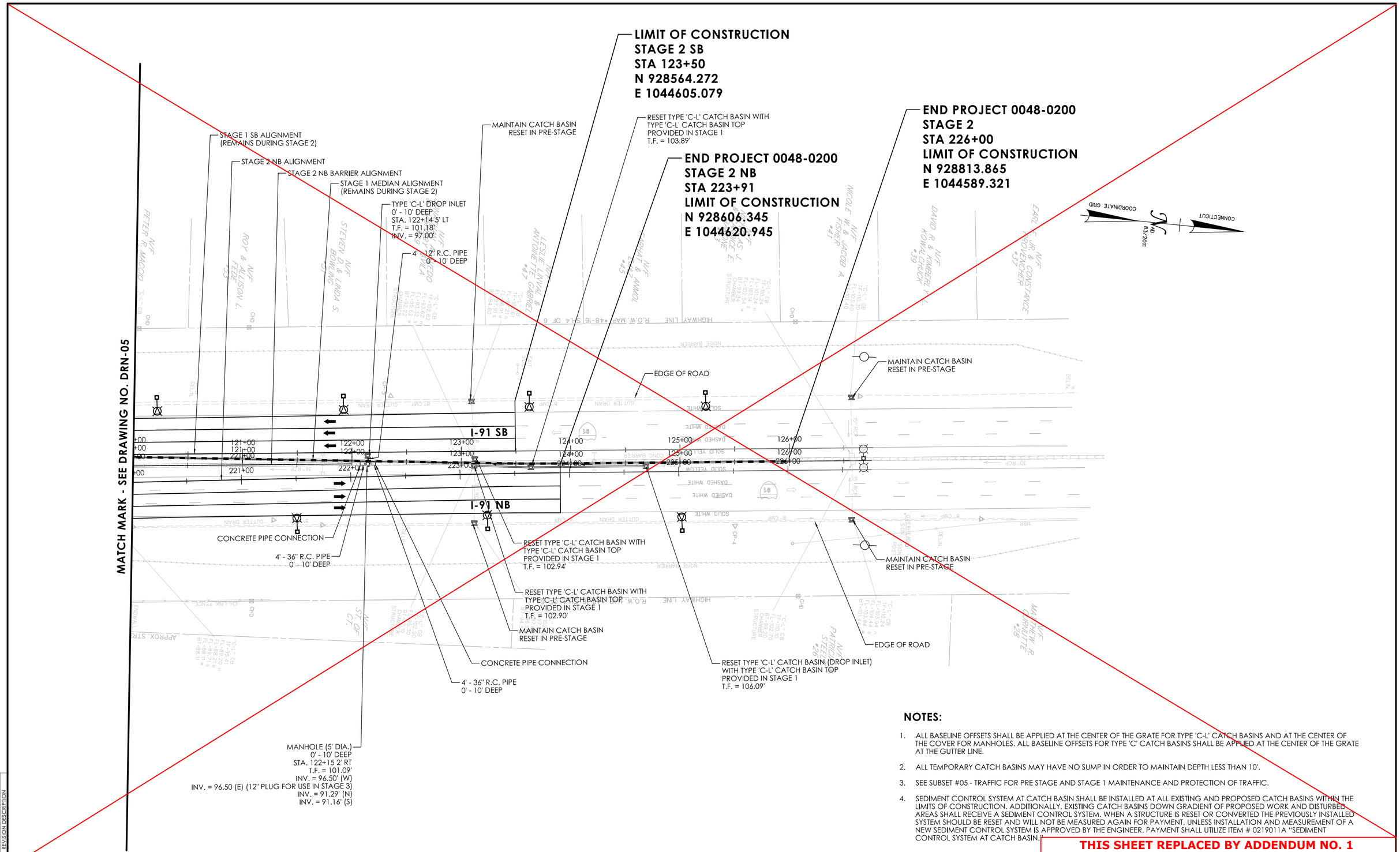
DRAWING TITLE: STAGE 2 DRAINAGE PLAN - 2

PROJECT NO.: 0048-0200

DRAWING NO.: DRN-05

SHEET NO.: 03.036

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Drainage Plan Stage 2.dgn
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CTDOT — CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

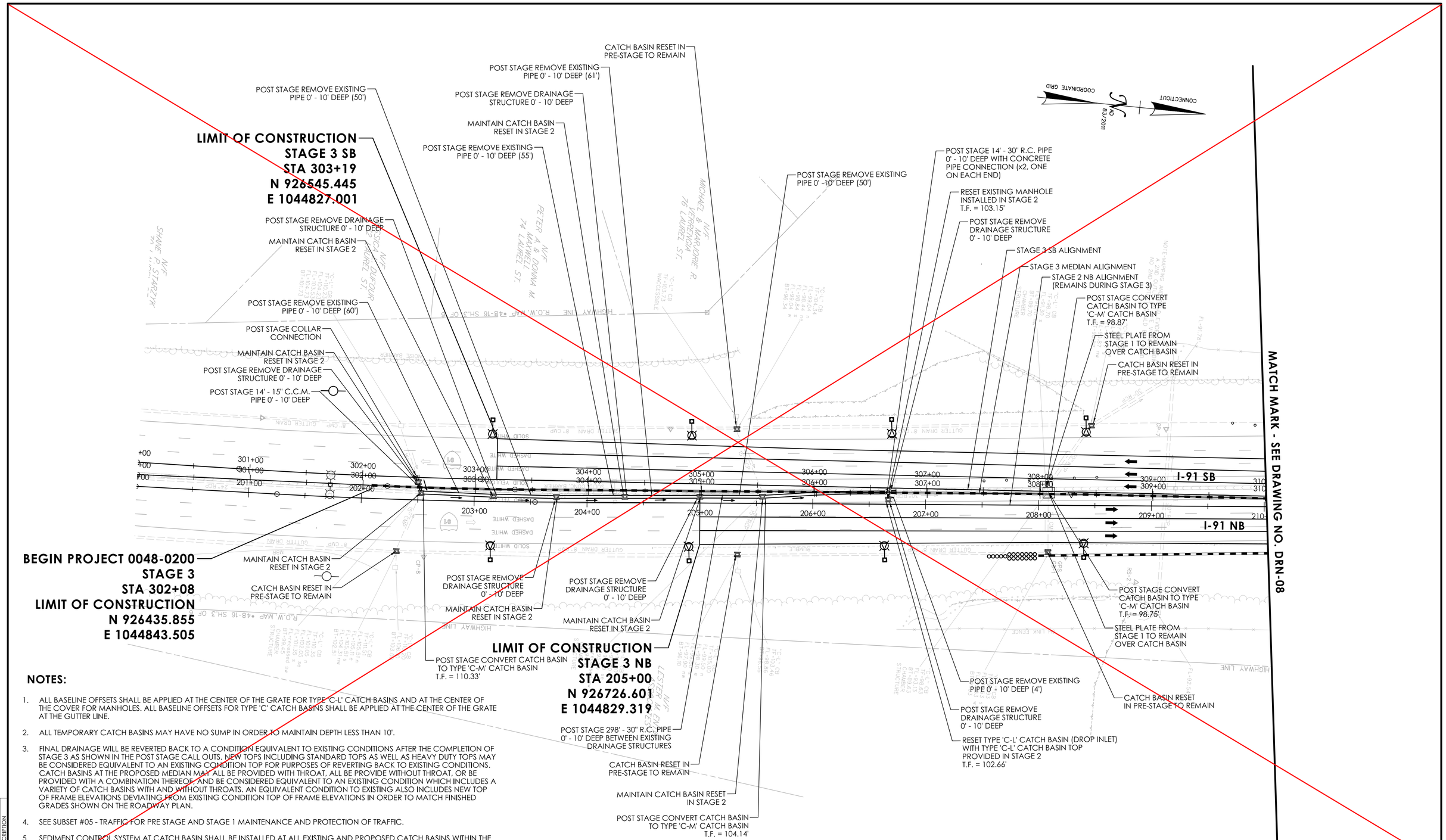
DRAWING TITLE: STAGE 2 DRAINAGE PLAN - 3

PROJECT NO.: 0048-0200

DRAWING NO.: DRN-06

SHEET NO.: 03.037

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Drainage Plan Stage 2.dgn
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2. ALL TEMPORARY CATCH BASINS MAY HAVE NO SUMP IN ORDER TO MAINTAIN DEPTH LESS THAN 10'.
3. FINAL DRAINAGE WILL BE REVERTED BACK TO A CONDITION EQUIVALENT TO EXISTING CONDITIONS AFTER THE COMPLETION OF STAGE 3 AS SHOWN IN THE POST STAGE CALL OUTS. NEW TOPS INCLUDING STANDARD TOPS AS WELL AS HEAVY DUTY TOPS MAY BE CONSIDERED EQUIVALENT TO AN EXISTING CONDITION TOP FOR PURPOSES OF REVERTING BACK TO EXISTING CONDITIONS. CATCH BASINS AT THE PROPOSED MEDIAN MAY ALL BE PROVIDED WITH THROAT, ALL BE PROVIDE WITHOUT THROAT, OR BE PROVIDED WITH A COMBINATION THEREOF, AND BE CONSIDERED EQUIVALENT TO AN EXISTING CONDITION WHICH INCLUDES A VARIETY OF CATCH BASINS WITH AND WITHOUT THROATS. AN EQUIVALENT CONDITION TO EXISTING ALSO INCLUDES NEW TOP OF FRAME ELEVATIONS DEVIATING FROM EXISTING CONDITION TOP OF FRAME ELEVATIONS IN ORDER TO MATCH FINISHED GRADES SHOWN ON THE ROADWAY PLAN.
4. SEE SUBSET #05 - TRAFFIC FOR PRE STAGE AND STAGE 1 MAINTENANCE AND PROTECTION OF TRAFFIC.
5. SEDIMENT CONTROL SYSTEM AT CATCH BASIN SHALL BE INSTALLED AT ALL EXISTING AND PROPOSED CATCH BASINS WITHIN THE LIMITS OF CONSTRUCTION. ADDITIONALLY, EXISTING CATCH BASINS DOWN GRADIENT OF PROPOSED WORK AND DISTURBED AREAS SHALL RECEIVE A SEDIMENT CONTROL SYSTEM. WHEN A STRUCTURE IS RESET OR CONVERTED THE PREVIOUSLY INSTALLED SYSTEM SHOULD BE RESET AND WILL NOT BE MEASURED AGAIN FOR PAYMENT, UNLESS INSTALLATION AND MEASUREMENT OF A NEW SEDIMENT CONTROL SYSTEM IS APPROVED BY THE ENGINEER. PAYMENT SHALL UTILIZE ITEM # 0219011A "SEDIMENT CONTROL SYSTEM AT CATCH BASIN."

THIS SHEET REPLACED BY ADDENDUM NO. 1

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

ADA — A.D.Cesare Associates, P.C.
690 Clinton Avenue
Bridgeport, CT 06604
203-696-0444
www.adicesareppc.com

DESIGNER/DRAFTER: AMW/BF CHECKED BY: JVS

0 40' 80'
HORIZONTAL SCALE
1" = 40'

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

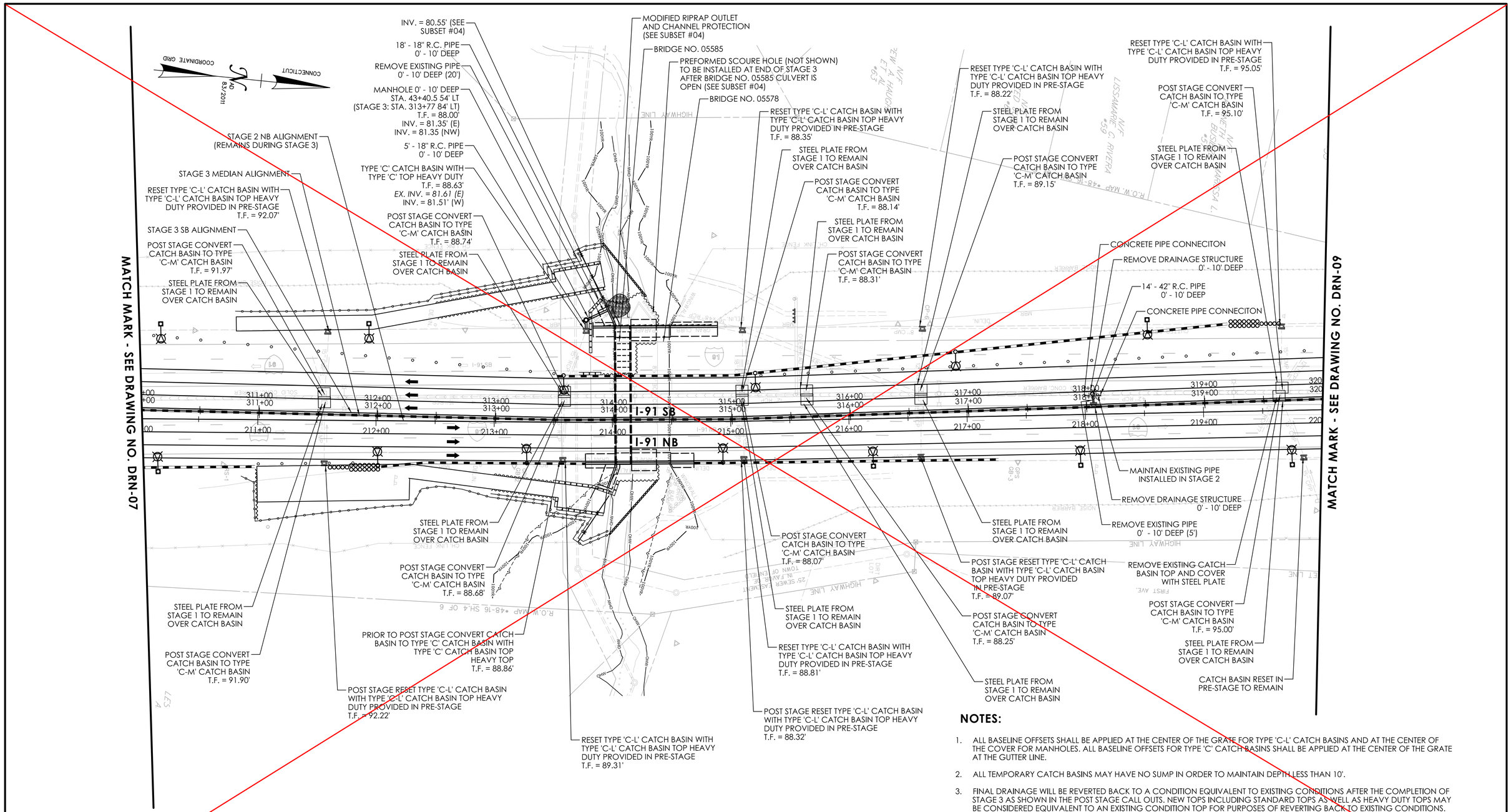
DRAWING TITLE: STAGE 3 DRAINAGE PLAN - 1

PROJECT NO.: 0048-0200

DRAWING NO.: DRN-07

SHEET NO.: 03.038

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Drainage Plan Stage 3.dgn
PLOTTED DATE: 8/18/2025



NOTES:

1. FINAL DRAINAGE WILL BE REVERTED BACK TO EXISTING CONDITIONS DURING THE POST STAGE AND FINAL DRAINAGE LAYOUT WILL BE SHOWN ON ROADWAY PLAN.

NOTES:

1. ALL BASELINE OFFSETS SHALL BE APPLIED AT THE CENTER OF THE GRATE FOR TYPE 'C-L' CATCH BASINS AND AT THE CENTER OF THE COVER FOR MANHOLES. ALL BASELINE OFFSETS FOR TYPE 'C' CATCH BASINS SHALL BE APPLIED AT THE CENTER OF THE GRATE AT THE GUTTER LINE.
2. ALL TEMPORARY CATCH BASINS MAY HAVE NO SUMP IN ORDER TO MAINTAIN DEPTH LESS THAN 10'.
3. FINAL DRAINAGE WILL BE REVERTED BACK TO A CONDITION EQUIVALENT TO EXISTING CONDITIONS AFTER THE COMPLETION OF STAGE 3 AS SHOWN IN THE POST STAGE CALL OUTS. NEW TOPS INCLUDING STANDARD TOPS AS WELL AS HEAVY DUTY TOPS MAY BE CONSIDERED EQUIVALENT TO AN EXISTING CONDITION TOP FOR PURPOSES OF REVERTING BACK TO EXISTING CONDITIONS. CATCH BASINS AT THE PROPOSED MEDIAN MAY ALL BE PROVIDED WITH THROAT, ALL BE PROVIDE WITHOUT THROAT, OR BE PROVIDED WITH A COMBINATION THEREOF, AND BE CONSIDERED EQUIVALENT TO AN EXISTING CONDITION WHICH INCLUDES A VARIETY OF CATCH BASINS WITH AND WITHOUT THROATS. AN EQUIVALENT CONDITION TO EXISTING ALSO INCLUDES NEW TOP OF FRAME ELEVATIONS DEVIATING FROM EXISTING CONDITION TOP OF FRAME ELEVATIONS IN ORDER TO MATCH FINISHED GRADES SHOWN ON THE ROADWAY PLAN.
4. SEE SUBSET #05 - TRAFFIC FOR PRE STAGE AND STAGE 1 MAINTENANCE AND PROTECTION OF TRAFFIC.
5. SEDIMENT CONTROL SYSTEM AT CATCH BASIN SHALL BE INSTALLED AT ALL EXISTING AND PROPOSED CATCH BASINS WITHIN THE LIMITS OF CONSTRUCTION. ADDITIONALLY, EXISTING CATCH BASINS DOWN GRADIENT OF PROPOSED WORK AND DISTURBED AREAS SHALL RECEIVE A SEDIMENT CONTROL SYSTEM. WHEN A STRUCTURE IS RESET OR CONVERTED THE PREVIOUSLY INSTALLED SYSTEM SHOULD BE RESET AND WILL NOT BE MEASURED FOR PAYMENT. UNLESS OTHERWISE SPECIFIED, PAYMENT FOR A NEW SEDIMENT CONTROL SYSTEM IS APPROVED BY THE ENGINEER, PAYMENT SHALL UTILIZE ITEM # 0219011A "SEDIMENT CONTROL SYSTEM AT CATCH BASIN."

THIS SHEET REPLACED BY ADDENDUM NO. 1

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

ADA
A.DiCesare Associates, P.C.
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203-696-0444
www.adicesarepc.com

DESIGNER/DRAFTER: AMW/BF CHECKED BY: JVS

HORIZONTAL SCALE 1" = 40' (0, 40', 80')

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

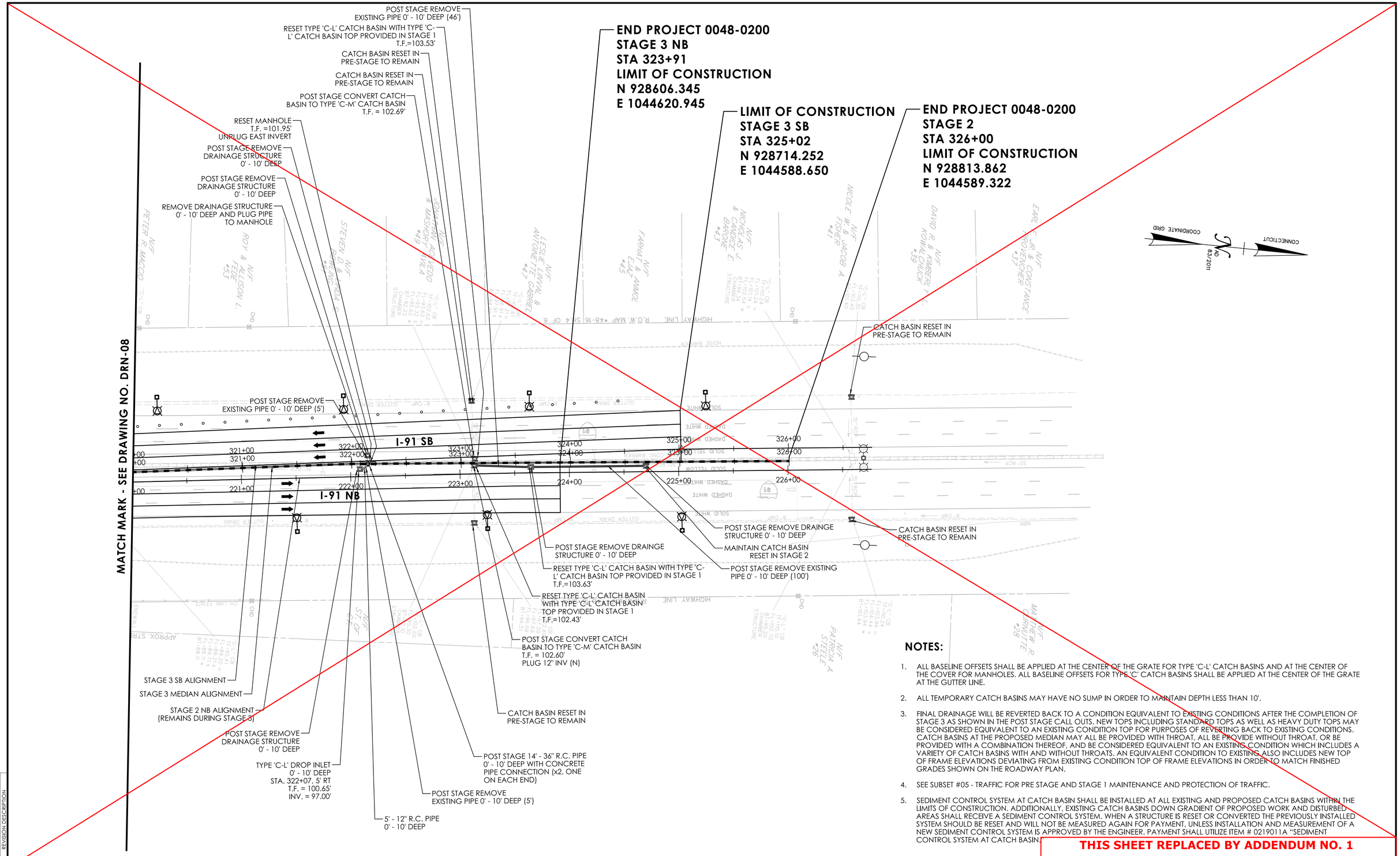
DRAWING TITLE: STAGE 3 DRAINAGE PLAN - 2

PROJECT NO.: 0048-0200

DRAWING NO.: DRN-08

SHEET NO.: 03.039

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Drainage Plan Stage 3.dgn
PLOTTED DATE: 8/18/2025



NOTES:

1. ALL BASELINE OFFSETS SHALL BE APPLIED AT THE CENTER OF THE GRATE FOR TYPE 'C-L' CATCH BASINS AND AT THE CENTER OF THE COVER FOR MANHOLES. ALL BASELINE OFFSETS FOR TYPE 'C' CATCH BASINS SHALL BE APPLIED AT THE CENTER OF THE GRATE AT THE GUTTER LINE.
2. ALL TEMPORARY CATCH BASINS MAY HAVE NO SUMP IN ORDER TO MAINTAIN DEPTH LESS THAN 10'.
3. FINAL DRAINAGE WILL BE REVERTED BACK TO A CONDITION EQUIVALENT TO EXISTING CONDITIONS AFTER THE COMPLETION OF STAGE 3 AS SHOWN IN THE POST STAGE CALL OUTS. NEW TOPS INCLUDING STANDARD TOPS AS WELL AS HEAVY DUTY TOPS MAY BE CONSIDERED EQUIVALENT TO AN EXISTING CONDITION TOP FOR PURPOSES OF REVERTING BACK TO EXISTING CONDITIONS. CATCH BASINS AT THE PROPOSED MEDIAN MAY ALL BE PROVIDED WITH THROAT, ALL BE PROVIDE WITHOUT THROAT, OR BE PROVIDED WITH A COMBINATION THEREOF, AND BE CONSIDERED EQUIVALENT TO AN EXISTING CONDITION WHICH INCLUDES A VARIETY OF CATCH BASINS WITH AND WITHOUT THROATS. AN EQUIVALENT CONDITION TO EXISTING ALSO INCLUDES NEW TOP OF FRAME ELEVATIONS DEVIATING FROM EXISTING CONDITION TOP OF FRAME ELEVATIONS IN ORDER TO MATCH FINISHED GRADES SHOWN ON THE ROADWAY PLAN.
4. SEE SUBSET #05 - TRAFFIC FOR PRE STAGE AND STAGE 1 MAINTENANCE AND PROTECTION OF TRAFFIC.
5. SEDIMENT CONTROL SYSTEM AT CATCH BASIN SHALL BE INSTALLED AT ALL EXISTING AND PROPOSED CATCH BASINS WITHIN THE LIMITS OF CONSTRUCTION. ADDITIONALLY, EXISTING CATCH BASINS DOWN GRADIENT OF PROPOSED WORK AND DISTURBED AREAS SHALL RECEIVE A SEDIMENT CONTROL SYSTEM. WHEN A STRUCTURE IS RESET OR CONVERTED THE PREVIOUSLY INSTALLED SYSTEM SHOULD BE RESET AND WILL NOT BE MEASURED AGAIN FOR PAYMENT, UNLESS INSTALLATION AND MEASUREMENT OF A NEW SEDIMENT CONTROL SYSTEM IS APPROVED BY THE ENGINEER. PAYMENT SHALL UTILIZE ITEM # 0219011A "SEDIMENT CONTROL SYSTEM AT CATCH BASIN."

THIS SHEET REPLACED BY ADDENDUM NO. 1

REVISION DESCRIPTION | DATE | REV.

SIGNATURE BLOCK:
ADA A.DiCesare Associates, P.C. 690 Clinton Avenue Bridgeport, CT 06604 203-696-0444 www.adicesarepc.com
DESIGNER/DRAFTER: AMS/BF CHECKED BY: JVS

0 40' 80' HORIZONTAL SCALE 1" = 40'

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

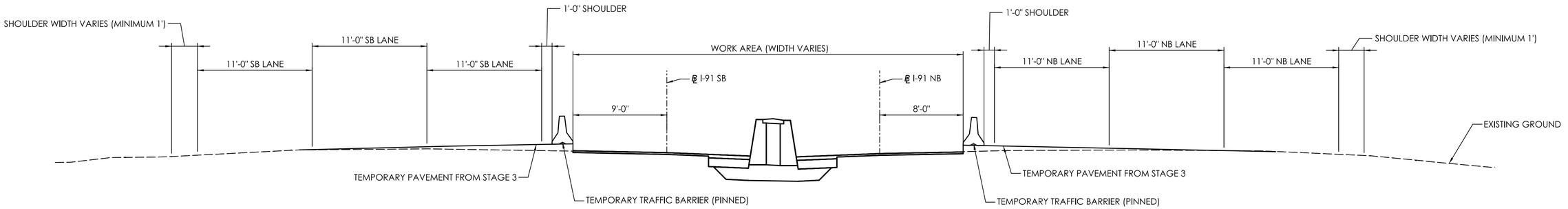
DRAWING TITLE: STAGE 3 DRAINAGE PLAN - 3

PROJECT NO.: 0048-0200

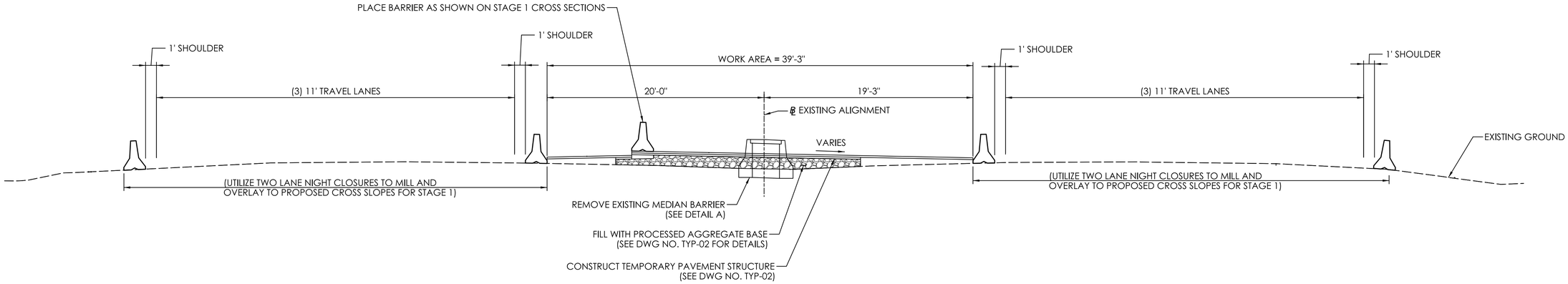
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SHEET NO.: 03.040

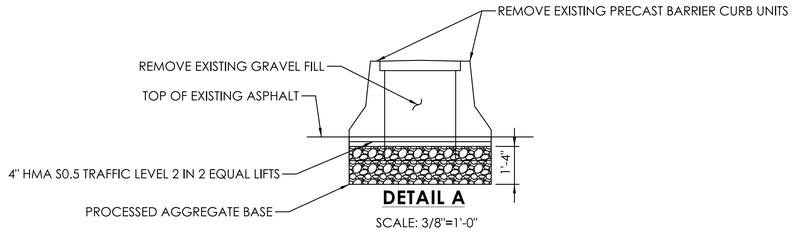
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PLOTTED DATE: 8/18/2025



POST-STAGE TYPICAL SECTION



PRE-STAGE TYPICAL SECTION



DETAIL A

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

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DESIGNER/DRAFTER: AMW CHECKED BY: JVS

HORIZONTAL SCALE 1" = 5' (0, 5', 10')

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

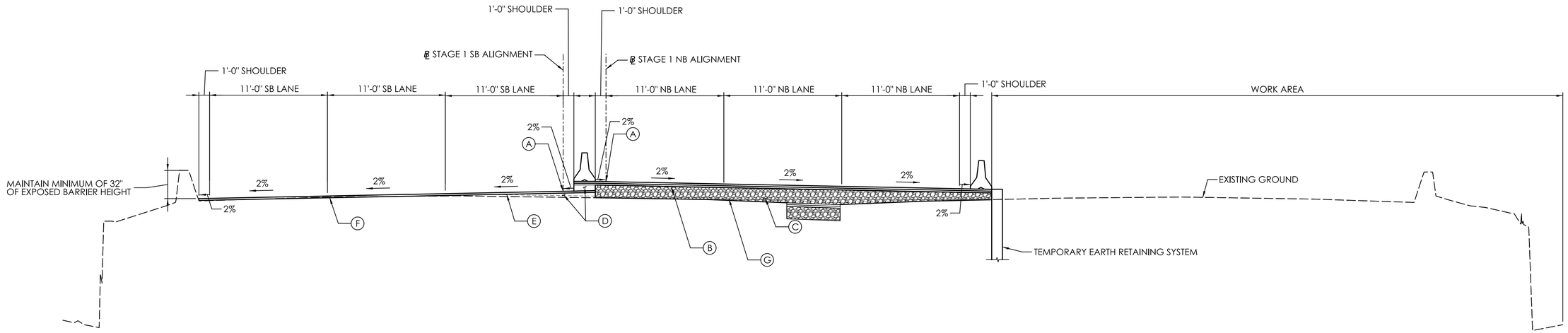
DRAWING TITLE: PRE STAGE/ POST STAGE TYPICAL SECTIONS

PROJECT NO.: 0048-0200

DRAWING NO.: TYP-01

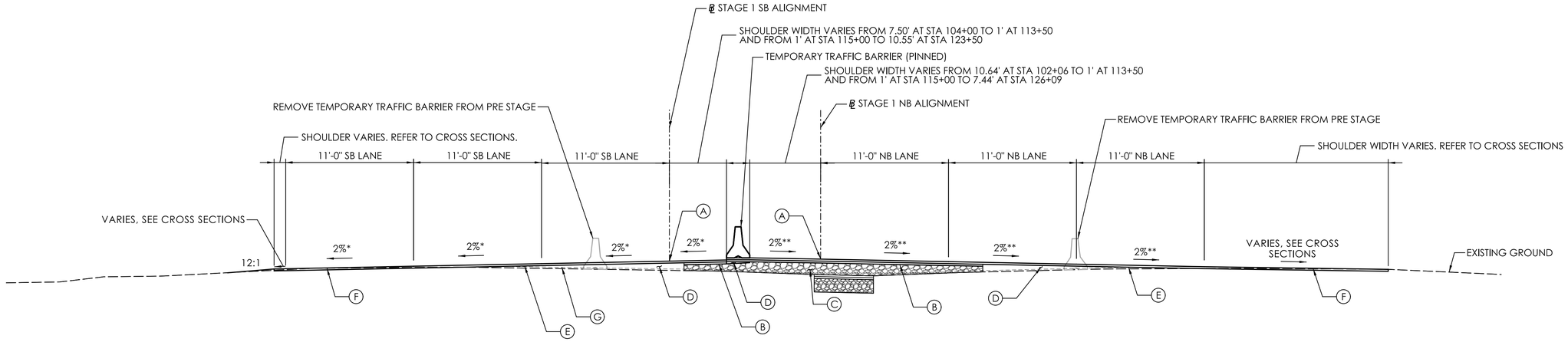
SHEET NO.: 03.041

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Typical Cross Sections.dgn
PLOTTED DATE: 8/18/2025



STAGE 1 TEMPORARY SECTION

NB STA 113+50 TO 115+00
SB STA 113+50 TO 115+00



STAGE 1 TEMPORARY SECTION

NB STA 102+06 TO 113+50 AND 115+00 TO 126+09
SB STA 104+00 TO 113+50 AND 115+00 TO 123+50

LEGEND

- (A) POINT OF APPLIED GRADE
- (B) 4" HMA S0.5 IN 2 LIFTS (TRAFFIC LEVEL 2)
- (C) PROCESSED AGGREGATE BASE (6" MINIMUM)
- (D) WEDGE COURSE. SEE NOTE 1.
- (E) 2" HMA S0.5 IN 1 LIFT (TRAFFIC LEVEL 2)
- (F) MILLING OF BITUMINOUS CONCRETE. SEE NOTE 2.
- (G) GEOTEXTILE (SEPARATION-CLASS 1)

NOTES:

1. USE THE FOLLOWING MIXES FOR WEDGE COURSES:

0" TO 1.5" - HMA S0.25 TRAFFIC LEVEL 2
1.0" TO 3.5" - HMA S0.5 TRAFFIC LEVEL 2

2. MILLING OF BITUMINOUS CONCRETE SHALL BE PAID FOR UNDER THE FOLLOW ITEMS.

FINE MILLING OF BITUMINOUS CONCRETE (0"-4")
STANDARD MILLING OF BITUMINOUS CONCRETE (GREATER THAN 4" UP TO 8")
STANDARD MILLING OF BITUMINOUS CONCRETE (GREATER 8")

REFER TO CROSS SECTIONS FOR MILLING DEPTHS.

*CROSS SLOPES VARY TO MATCH EXISTING FROM STA 104+00 TO STA 106+00 AND FROM STA 120+50 TO STA 123+50.

**CROSS SLOPES VARY TO MATCH EXISTING FROM STA 102+06 TO STA 108+00 AND FROM STA 119+00 TO STA 126+09.

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Bridgeport, CT 06604
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www.adicesarepc.com

DESIGNER/DRAFTER: AMW CHECKED BY: JVS

HORIZONTAL SCALE 1" = 5' (0, 5', 10')

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

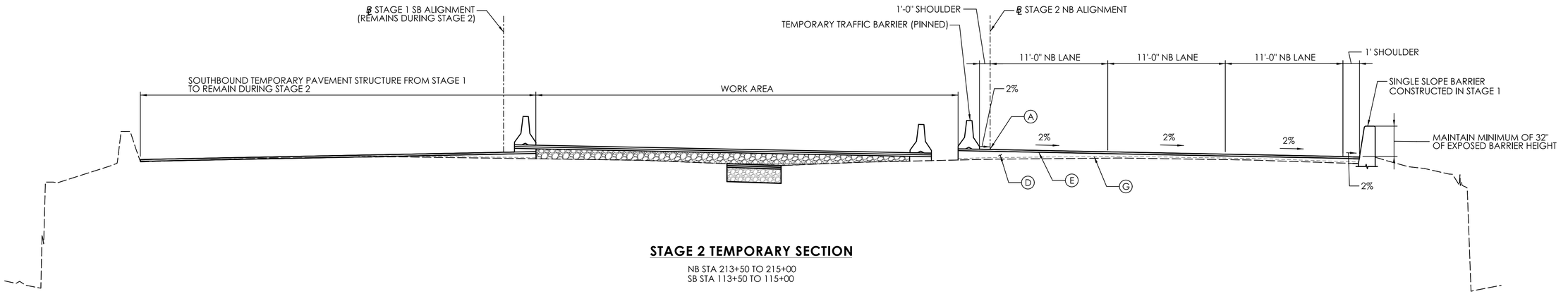
DRAWING TITLE: STAGE 1 TYPICAL SECTIONS

PROJECT NO.: 0048-0200

DRAWING NO.: TYP-02

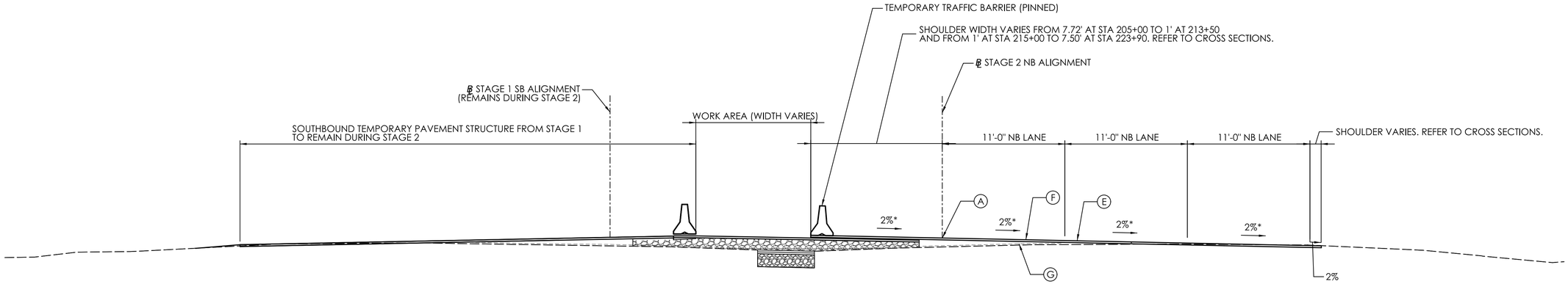
SHEET NO.: 03.042

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Typical Cross Sections.dgn
PLOTTED DATE: 8/18/2025



STAGE 2 TEMPORARY SECTION

NB STA 213+50 TO 215+00
SB STA 113+50 TO 115+00



STAGE 2 TEMPORARY SECTION

NB STA 205+00 TO 213+50 AND 215+00 TO 223+90
SB STA 104+00 TO 113+50 AND 115+00 TO 123+50

LEGEND

- (A) POINT OF APPLIED GRADE
- (B) 4" HMA S0.5 IN 2 LIFTS (TRAFFIC LEVEL 2)
- (C) PROCESSED AGGREGATE BASE (6" MINIMUM)
- (D) WEDGE COURSE. SEE NOTE 1.
- (E) 2" HMA S0.5 IN 1 LIFT (TRAFFIC LEVEL 2)
- (F) MILLING OF BITUMINOUS CONCRETE. SEE NOTE 2.
- (G) GEOTEXTILE (SEPARATION-CLASS 1)

NOTES:

1. USE THE FOLLOWING MIXES FOR WEDGE COURSES:

0" TO 1.5" - HMA S0.25 TRAFFIC LEVEL 2
1.0" TO 3.5" - HMA S0.5 TRAFFIC LEVEL 2

2. MILLING OF BITUMINOUS CONCRETE SHALL BE PAID FOR UNDER THE FOLLOW ITEMS.

FINE MILLING OF BITUMINOUS CONCRETE (0"-4")
STANDARD MILLING OF BITUMINOUS CONCRETE (GREATER THAN 4" UP TO 8")
STANDARD MILLING OF BITUMINOUS CONCRETE (GREATER 8")

REFER TO CROSS SECTIONS FOR MILLING DEPTHS.

*CROSS SLOPES VARY TO MATCH EXISTING FROM STA 205+00 TO STA 208+00 AND FROM STA 220+50 TO STA 223+90.

REV. | DATE | REVISION DESCRIPTION

SIGNATURE BLOCK:
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690 Clinton Avenue
Bridgeport, CT 06604
203-696-0444
www.adicesareapc.com
DESIGNER/DRAFTER: AMW
CHECKED BY: JVS

0 5' 10'
HORIZONTAL SCALE
1" = 5'

CTDOT
CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

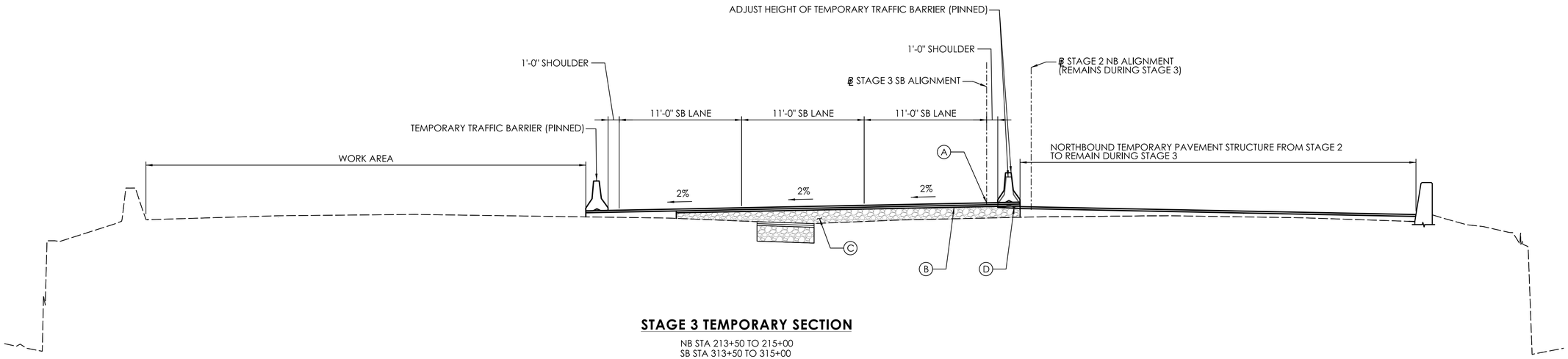
DRAWING TITLE: STAGE 2 TYPICAL SECTIONS

PROJECT NO.: 0048-0200

DRAWING NO.: TYP-03

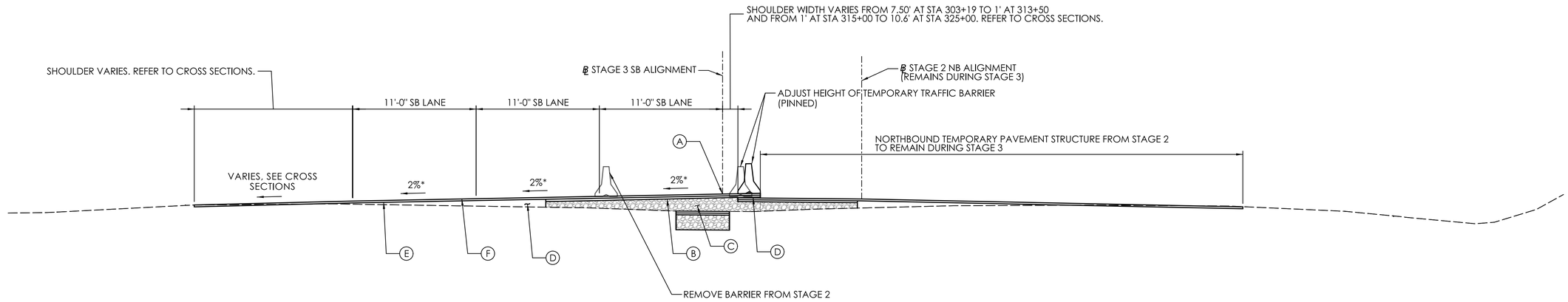
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LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Typical Cross Sections.dgn
PLOTTED DATE: 8/18/2025



STAGE 3 TEMPORARY SECTION

NB STA 213+50 TO 215+00
SB STA 313+50 TO 315+00



LEGEND

- (A) POINT OF APPLIED GRADE
- (B) 4" HMA S0.5 IN 2 LIFTS (TRAFFIC LEVEL 2)
- (C) PROCESSED AGGREGATE BASE (6" MINIMUM)
- (D) WEDGE COURSE. SEE NOTE 1.
- (E) 2" HMA S0.5 IN 1 LIFT (TRAFFIC LEVEL 2)
- (F) MILLING OF BITUMINOUS CONCRETE. SEE NOTE 2.
- (G) GEOTEXTILE (SEPARATION-CLASS 1)

NOTES:

1. USE THE FOLLOWING MIXES FOR WEDGE COURSES:

0" TO 1.5" - HMA S0.25 TRAFFIC LEVEL 2
1.0" TO 3.5" - HMA S0.5 TRAFFIC LEVEL 2

2. MILLING OF BITUMINOUS CONCRETE SHALL BE PAID FOR UNDER THE FOLLOW ITEMS.

FINE MILLING OF BITUMINOUS CONCRETE (0"-4")
STANDARD MILLING OF BITUMINOUS CONCRETE (GREATER THAN 4" UP TO 8")
STANDARD MILLING OF BITUMINOUS CONCRETE (GREATER 8")

REFER TO CROSS SECTIONS FOR MILLING DEPTHS.

STAGE 3 TEMPORARY SECTION

NB STA 205+00 TO 213+50 AND 215+00 TO 223+90
SB STA 303+19 TO 313+50 AND 315+00 TO 325+00

*CROSS SLOPES VARY TO MATCH EXISTING FROM STA 303+19 TO STA 306+00 AND FROM STA 322+00 TO STA 325+00.

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

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Bridgeport, CT 06604
203-696-0444
www.adicesarepc.com

DESIGNER/DRAFTER: AMW CHECKED BY: JVS

HORIZONTAL SCALE 1" = 5' (0, 5', 10')

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

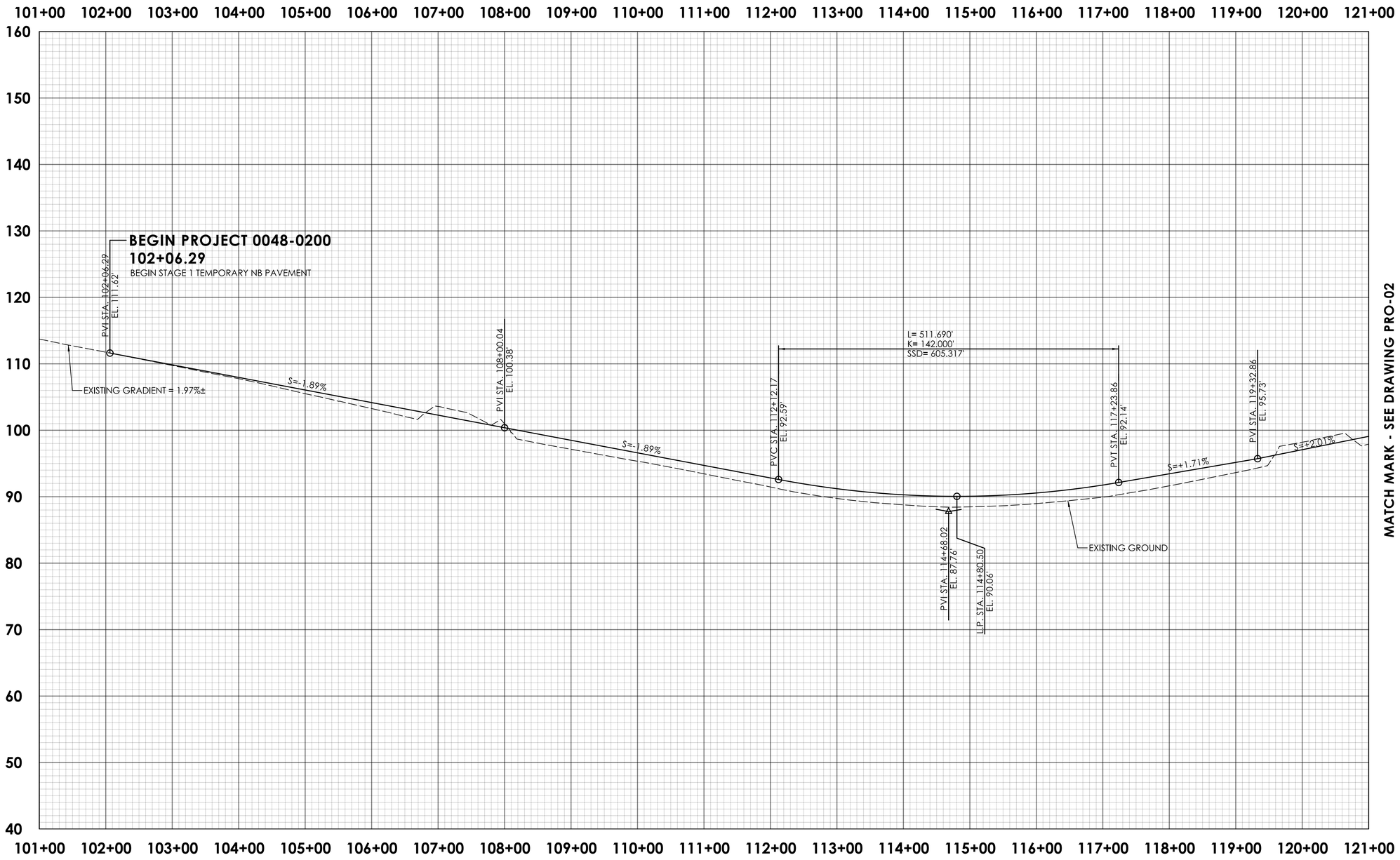
DRAWING TITLE: STAGE 3 TYPICAL SECTIONS

PROJECT NO.: 0048-0200

DRAWING NO.: TYP-04

SHEET NO.: 03.044

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Typical Cross Sections.dgn
PLOTTED DATE: 8/18/2025



REVISION DESCRIPTION

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CHECKED BY: JVS

0 80 160
HORIZONTAL SCALE IN FEET

0 8 16
VERTICAL SCALE IN FEET

CTDOT

CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S):
ENFIELD

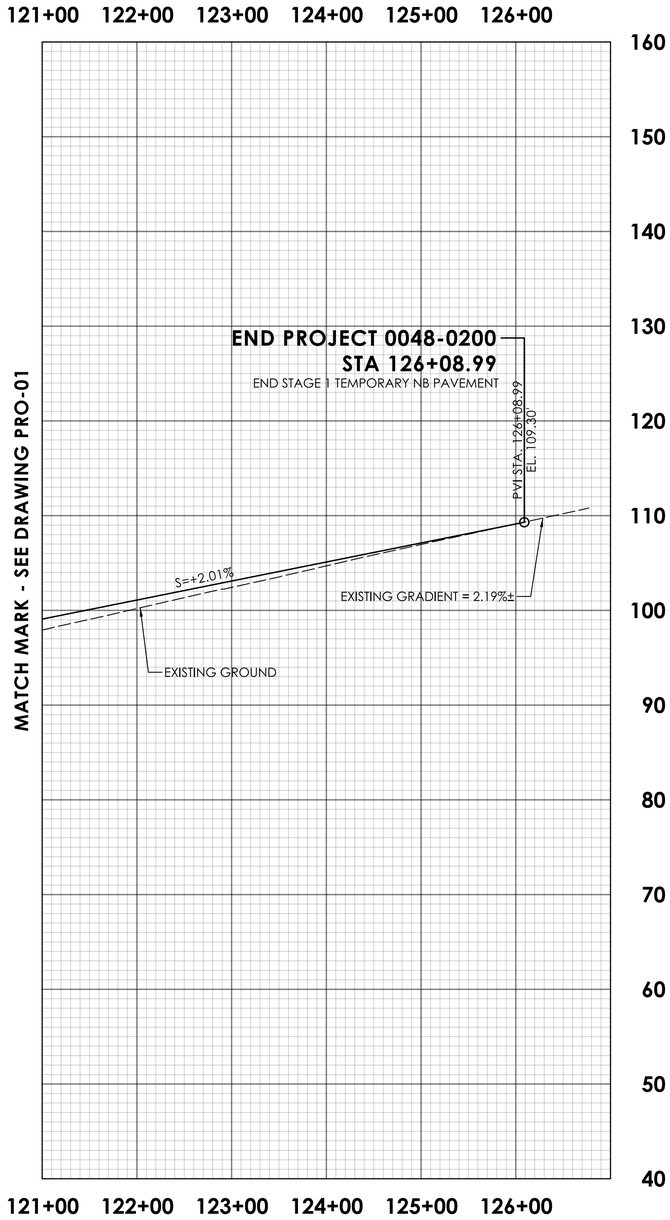
DRAWING TITLE:
STAGE 1 TEMPORARY NB PAVEMENT PROFILE - 1

PROJECT NO.:
0048-0200

DRAWING NO.:
PRO-01

SHEET NO.:
03.045

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Stage 1 Profile.dgn
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DESIGNER/DRAFTER: AMW CHECKED BY: JVS

HORIZONTAL SCALE IN FEET 0 80 160

VERTICAL SCALE IN FEET 0 8 16

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S):
ENFIELD

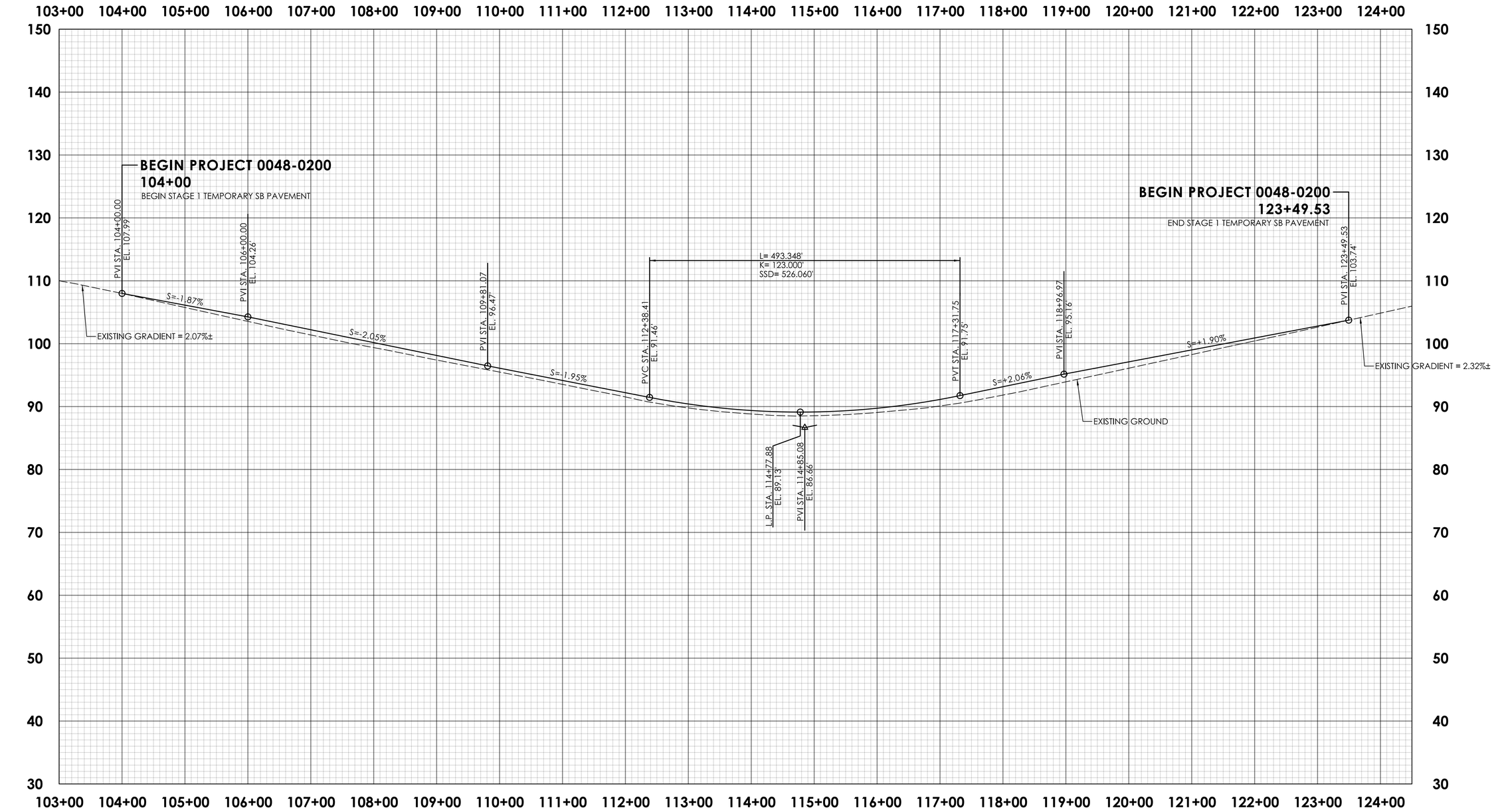
DRAWING TITLE:
STAGE 1 TEMPORARY NB PAVEMENT PROFILE - 2

PROJECT NO.:
0048-0200

DRAWING NO.:
PRO-02

SHEET NO.:
03.046

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Stage 1 Profile.dgn
PLOTTED DATE: 8/18/2025



NOTE:

1. TEMPORARY PAVEMENT STRUCTURE FOR SB LANES WILL REMAIN IN PLACE FOR STAGE 1 AND STAGE 2.

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690 Clinton Avenue
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DESIGNER/DRAFTER: AMW CHECKED BY: JVS

HORIZONTAL SCALE IN FEET: 0 80 160
VERTICAL SCALE IN FEET: 0 8 16

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

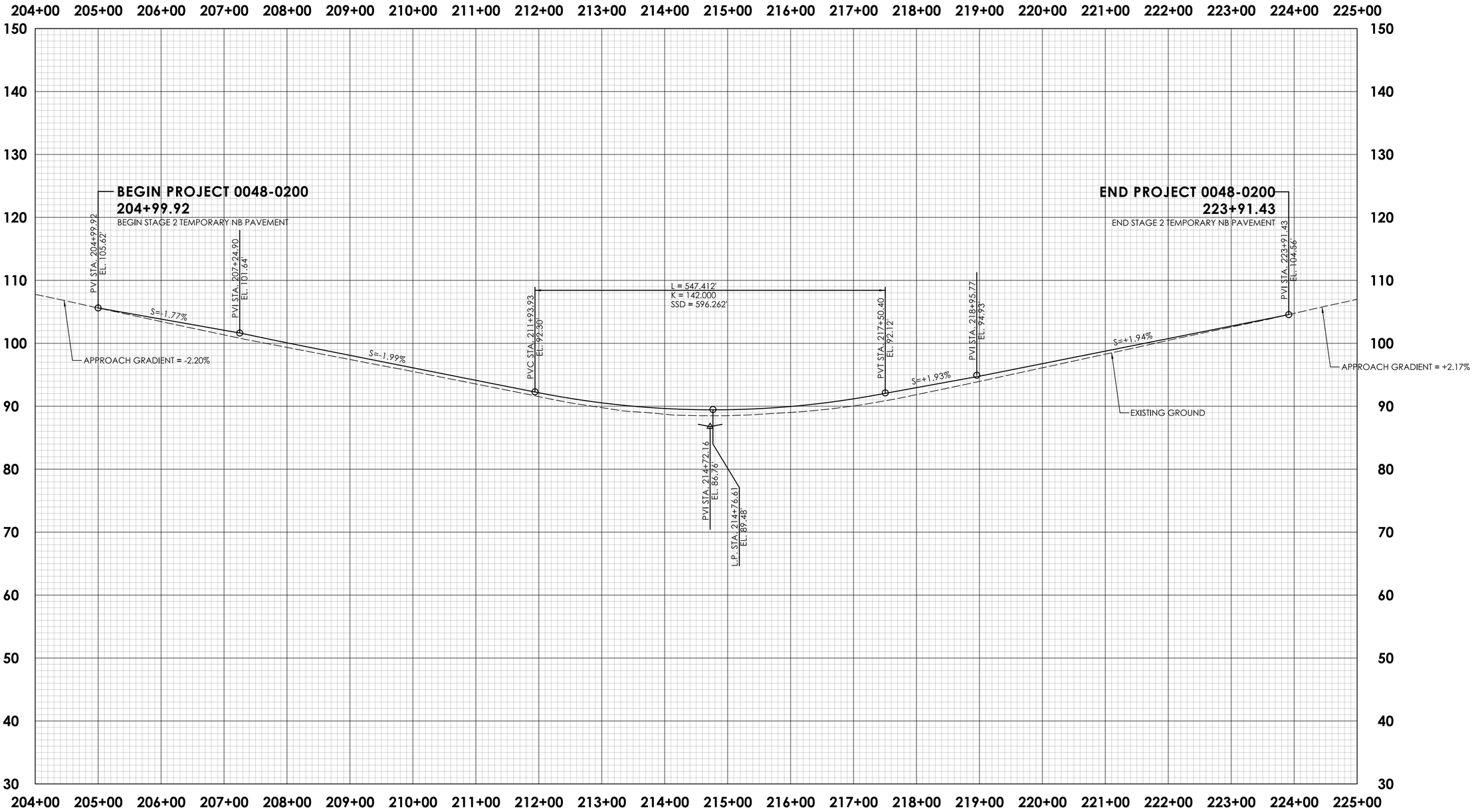
DRAWING TITLE: STAGE 1 TEMPORARY SB PAVEMENT PROFILE

PROJECT NO.: 0048-0200

DRAWING NO.: PRO-03

SHEET NO.: 03.047

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Stage 1 Profile.dgn
PLOTTED DATE: 8/18/2025



NOTE:

1. TEMPORARY PAVEMENT STRUCTURE FOR NB LANES WILL REMAIN IN PLACE FOR STAGE 2 AND STAGE 3.

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

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690 Clinton Avenue
Bridgeport, CT 06604
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HORIZONTAL SCALE IN FEET 0 80 160

VERTICAL SCALE IN FEET 0 8 16

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

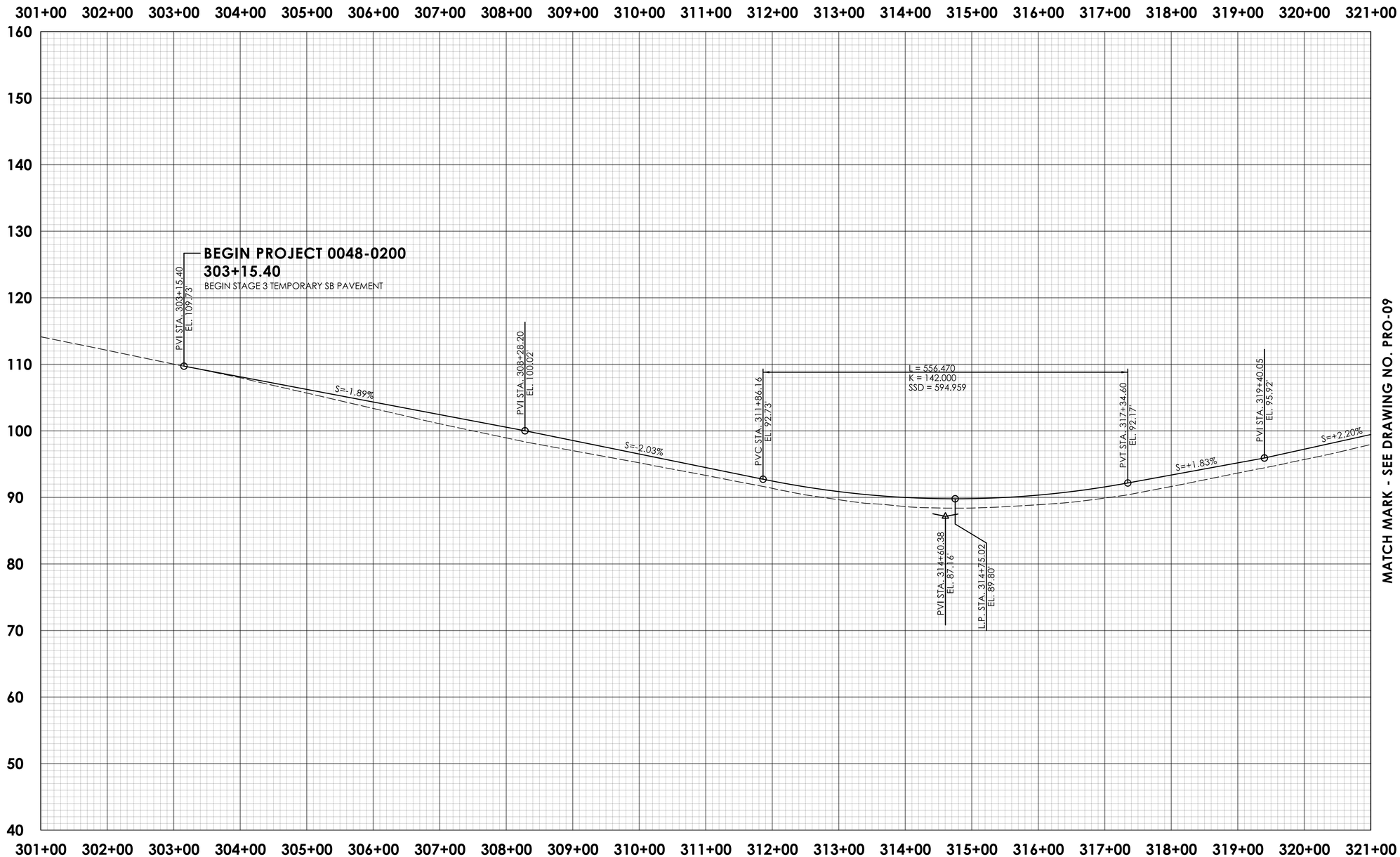
DRAWING TITLE: STAGE 2 TEMPORARY NB PAVEMENT PROFILE

PROJECT NO.: 0048-0200

DRAWING NO.: PRO-04

SHEET NO.: 03.048

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Stage 2 Profile.dgn
PLOTTED DATE: 8/18/2025



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690 Clinton Avenue
Bridgeport, CT 06604
203-696-0444
www.adicesareapc.com

DESIGNER/DRAFTER: AMW CHECKED BY: JVS

HORIZONTAL SCALE IN FEET 0 80 160

VERTICAL SCALE IN FEET 0 8 16

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

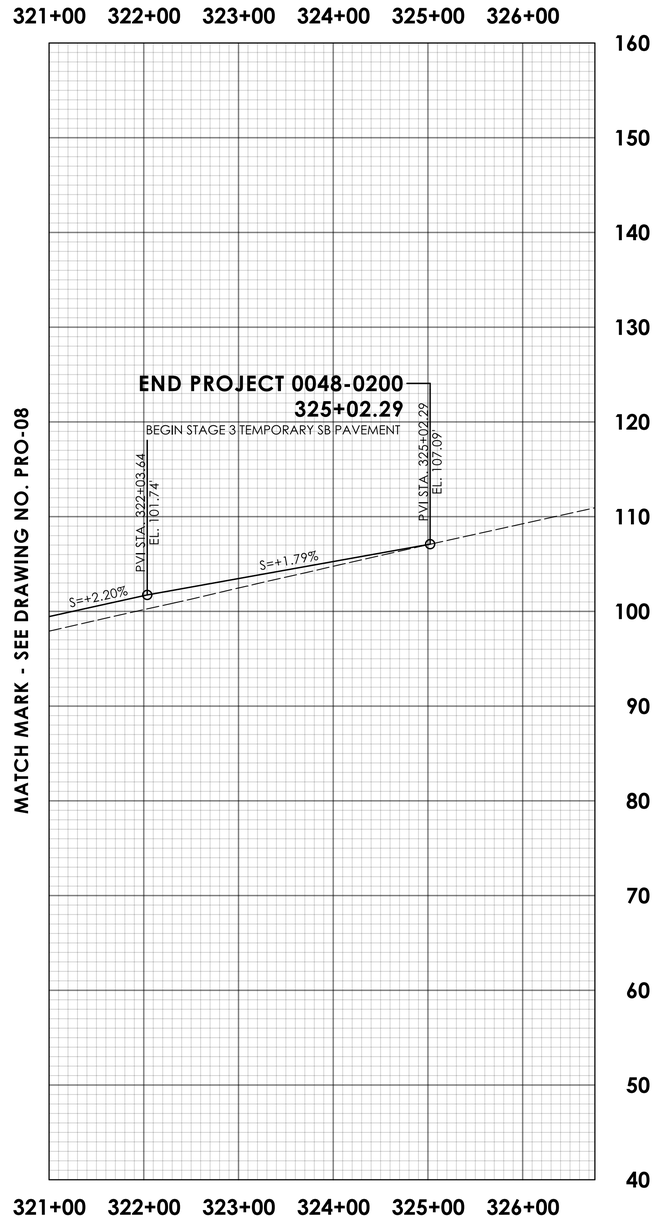
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PROJECT NO.: 0048-0200

DRAWING NO.: PRO-05

SHEET NO.: 03.049

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0 80 160
HORIZONTAL SCALE IN FEET
0 8 16
VERTICAL SCALE IN FEET

CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S):
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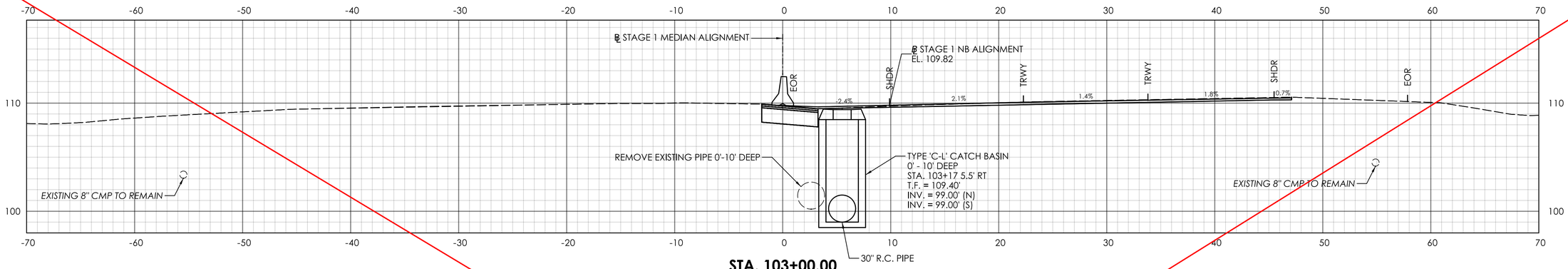
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PROJECT NO.: **0048-0200**

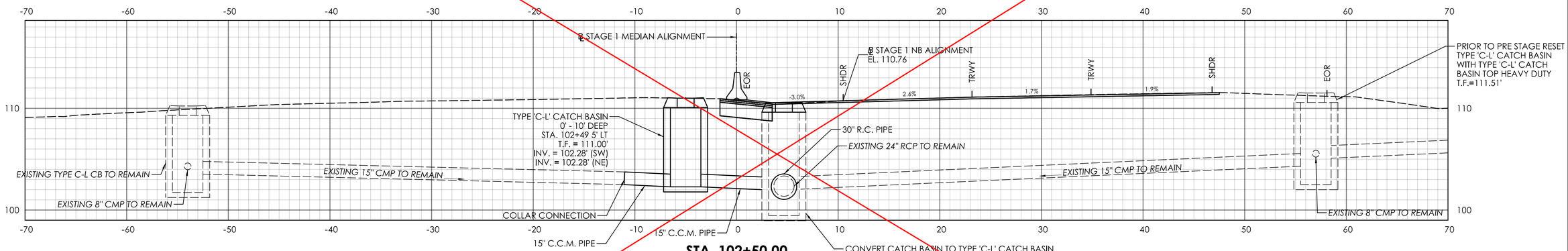
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SHEET NO.: 03.050

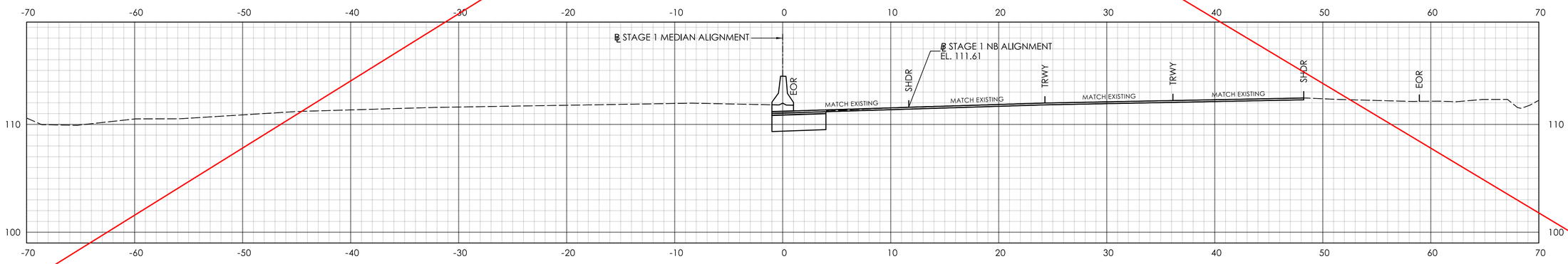
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PLOTTED DATE: 8/18/2025



STA. 103+00.00



STA. 102+50.00



STA. 102+06 (MATCH EXISTING)

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CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

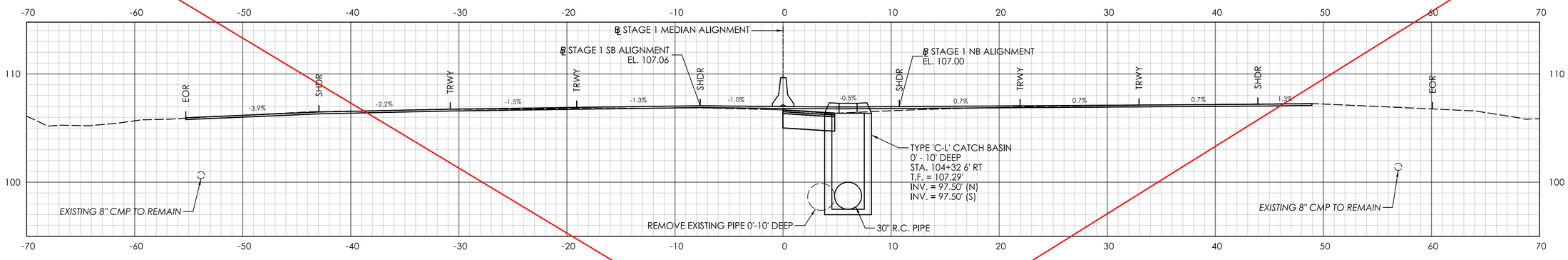
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PROJECT NO.: 0048-0200

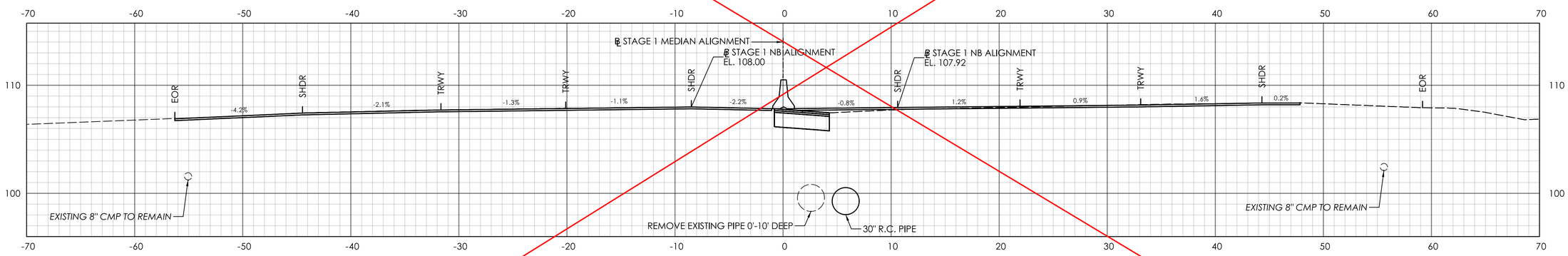
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SHEET NO.: 03.051

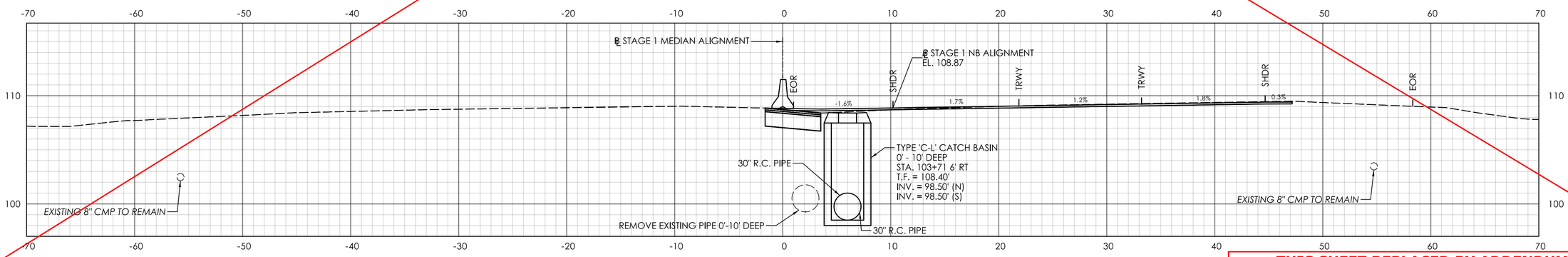
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PLOTTED DATE: 8/18/2025



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STA. 104+00.00



STA. 103+50.00

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CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

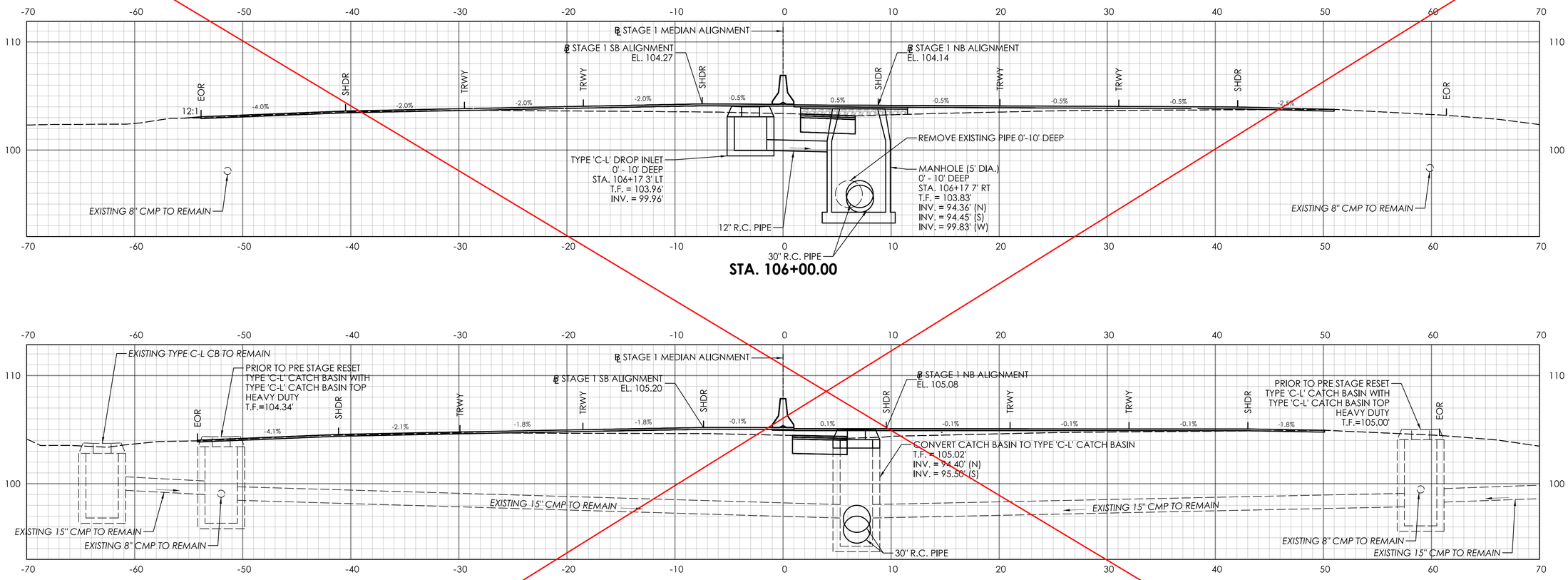
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PROJECT NO.: 0048-0200

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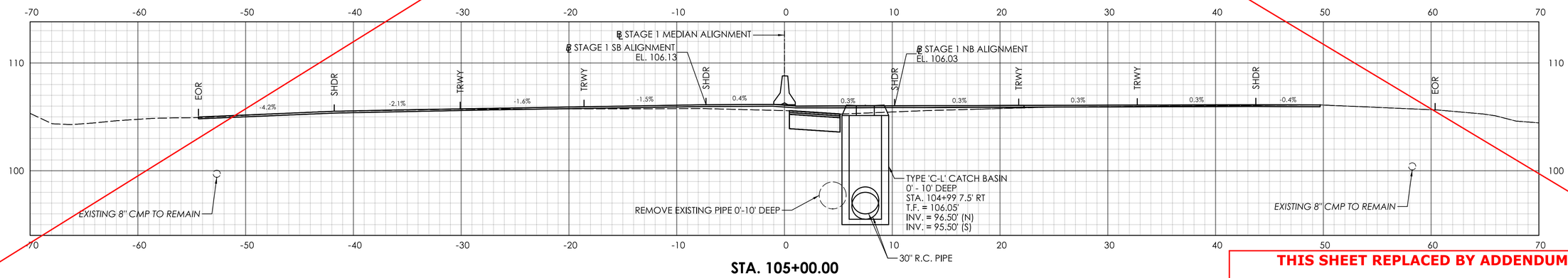
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PLOTTED DATE: 8/18/2025



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STA. 105+50.00



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HORIZONTAL SCALE
1" = 5'

CTDOT
CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S):
ENFIELD

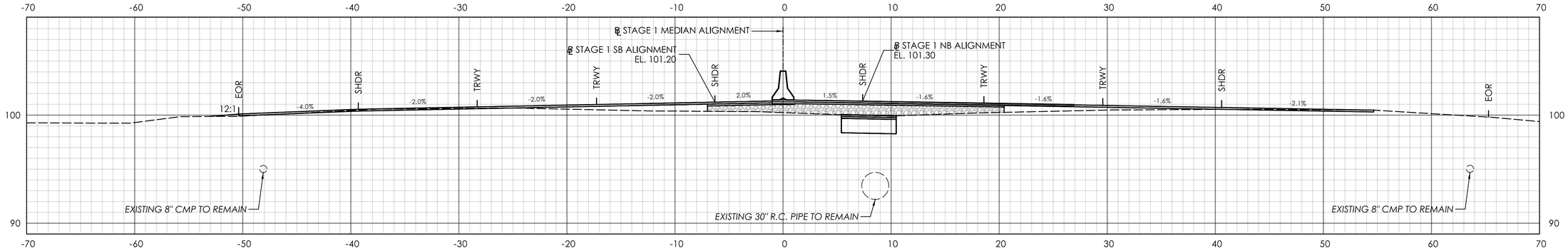
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PROJECT NO.: **0048-0200**

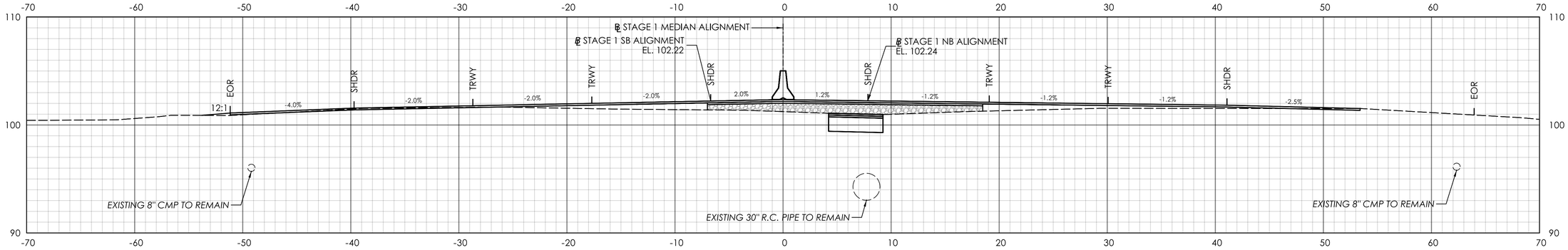
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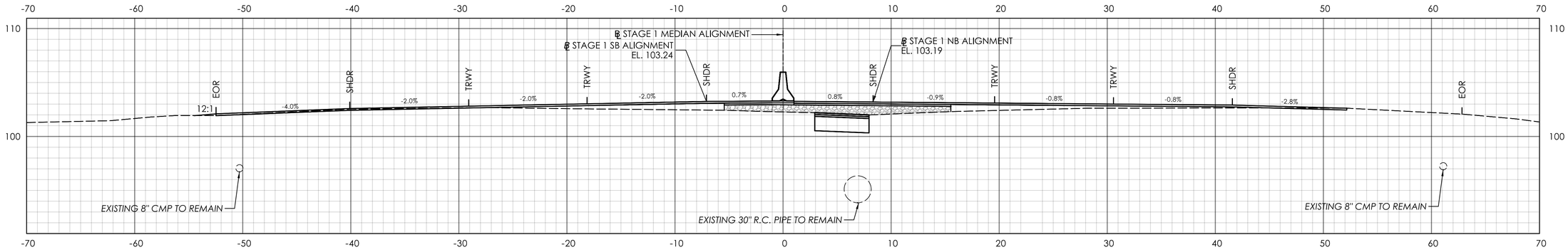
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STA. 107+00.00



STA. 106+50.00

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HORIZONTAL SCALE 1" = 5' (0, 5', 10')

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

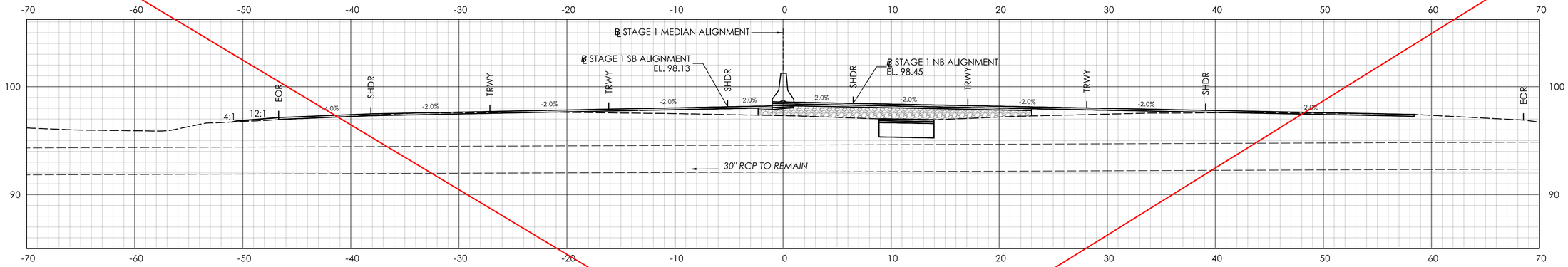
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PROJECT NO.: **0048-0200**

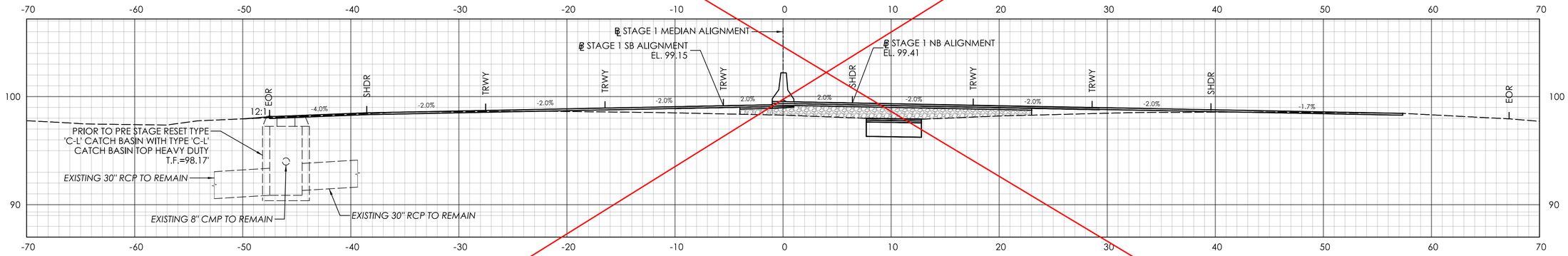
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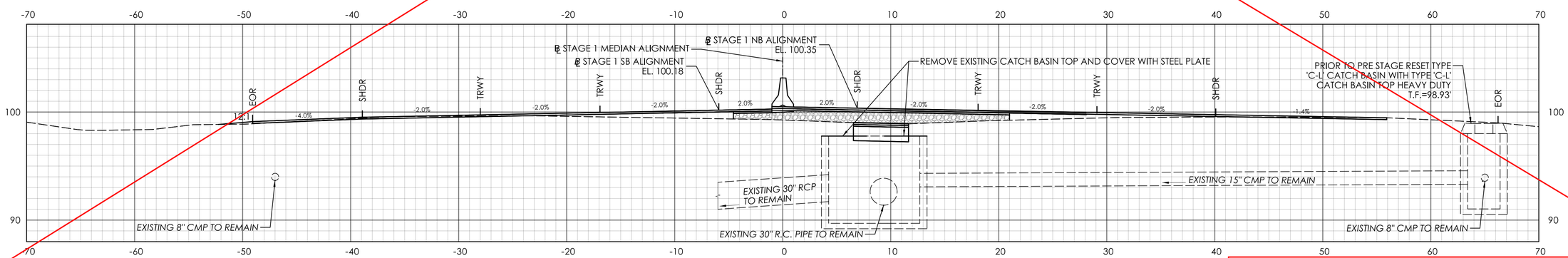
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PLOTTED DATE: 8/18/2025



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HORIZONTAL SCALE 1" = 5'

CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

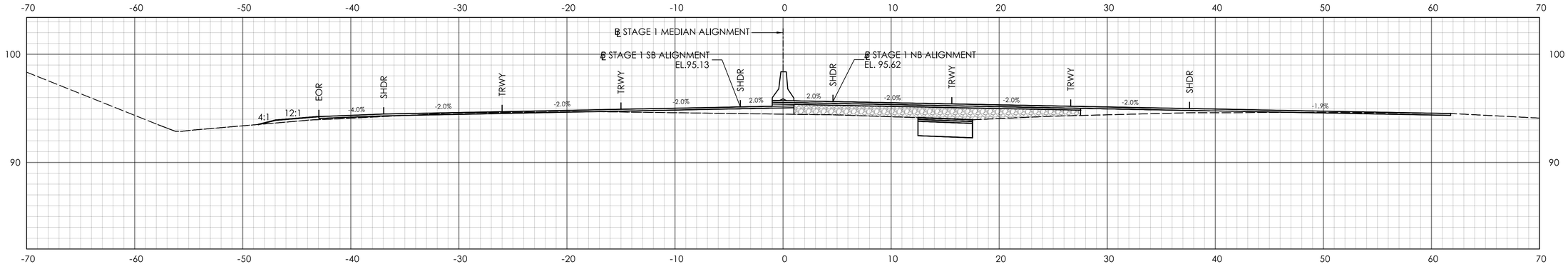
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PROJECT NO.: **0048-0200**

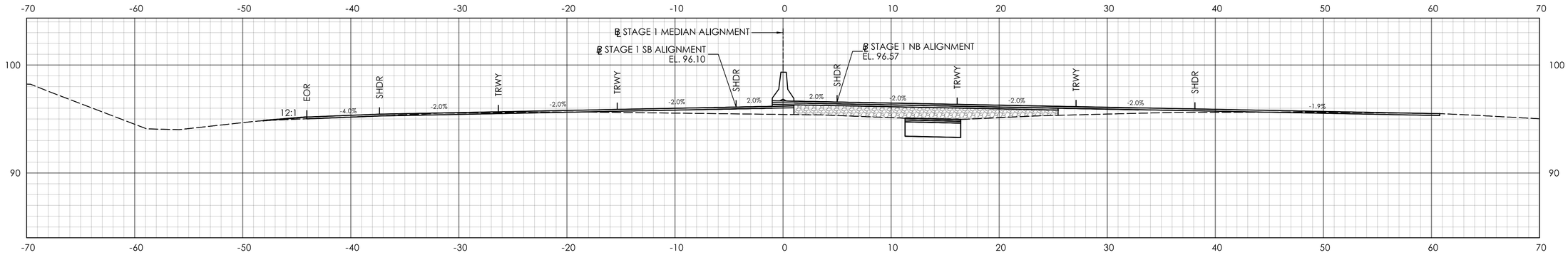
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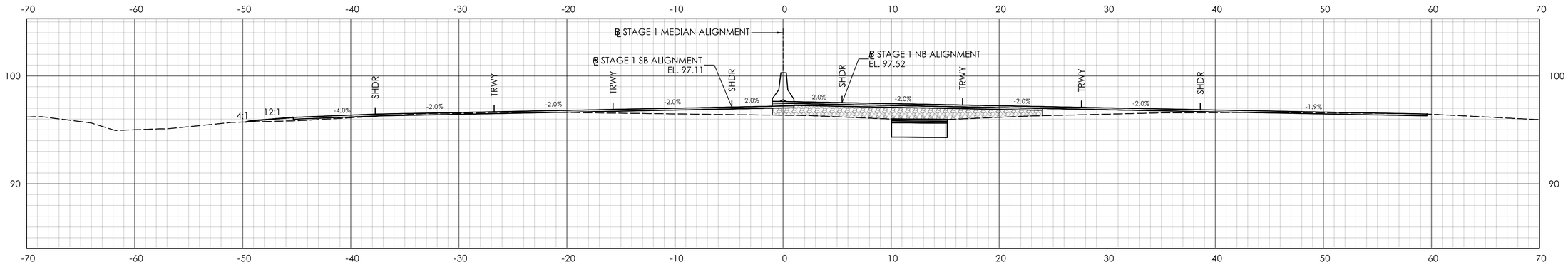
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HORIZONTAL SCALE
0 5' 10'
1" = 5'

CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S):
ENFIELD

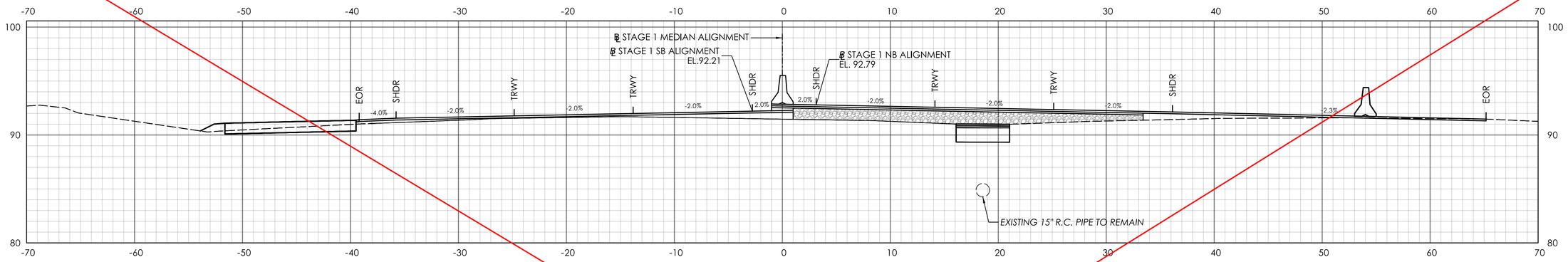
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STAGE 1 CROSS SECTIONS - 06

PROJECT NO.: **0048-0200**

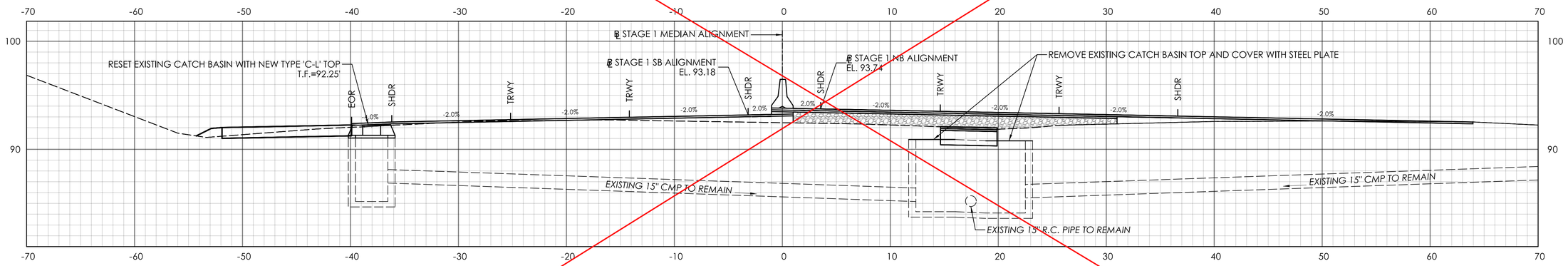
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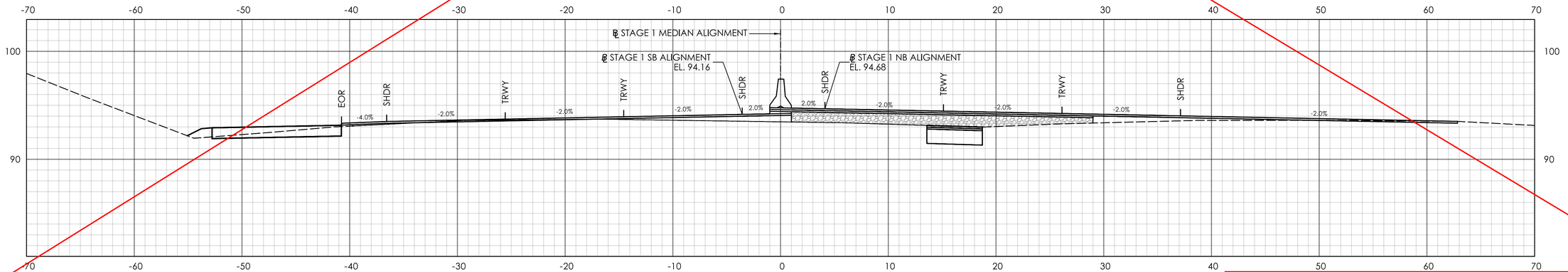
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HORIZONTAL SCALE 1" = 5' (0, 5', 10')

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

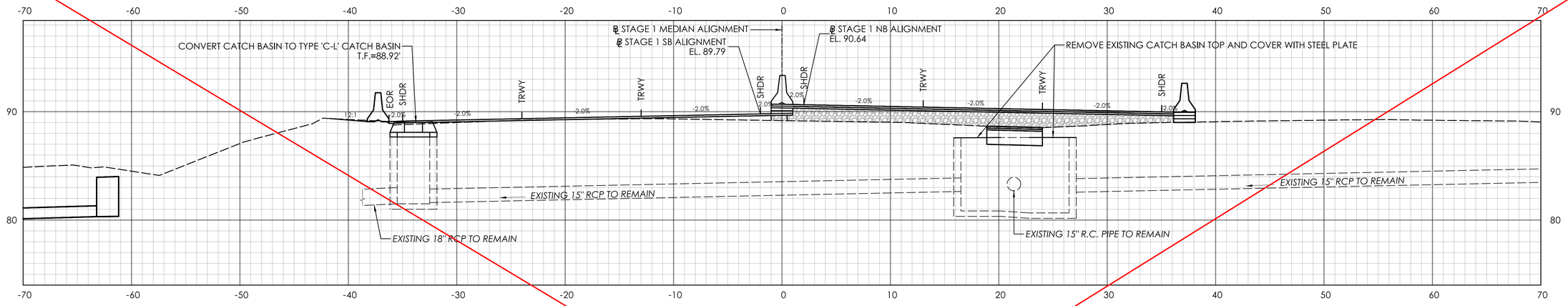
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PROJECT NO.: **0048-0200**

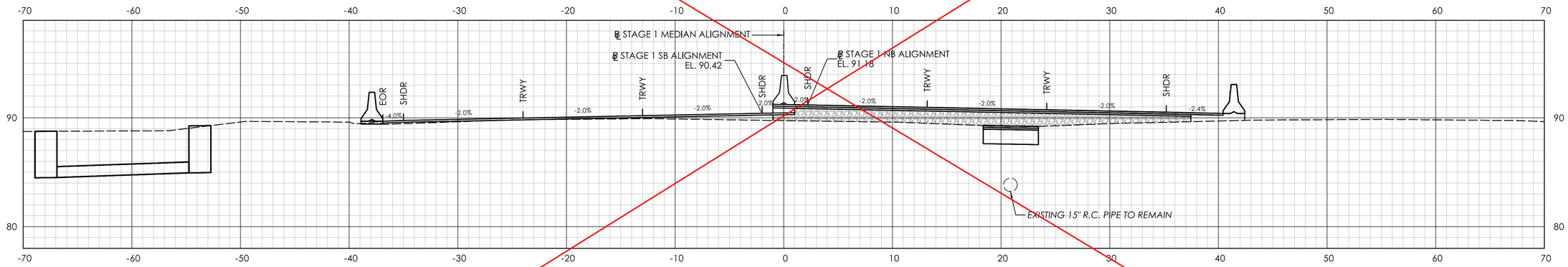
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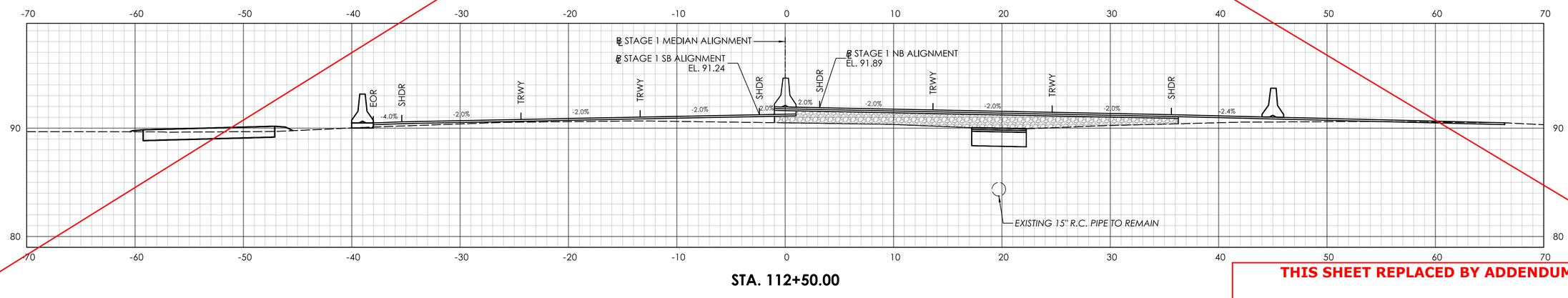
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STA. 113+00.00



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HORIZONTAL SCALE 1" = 5'

CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

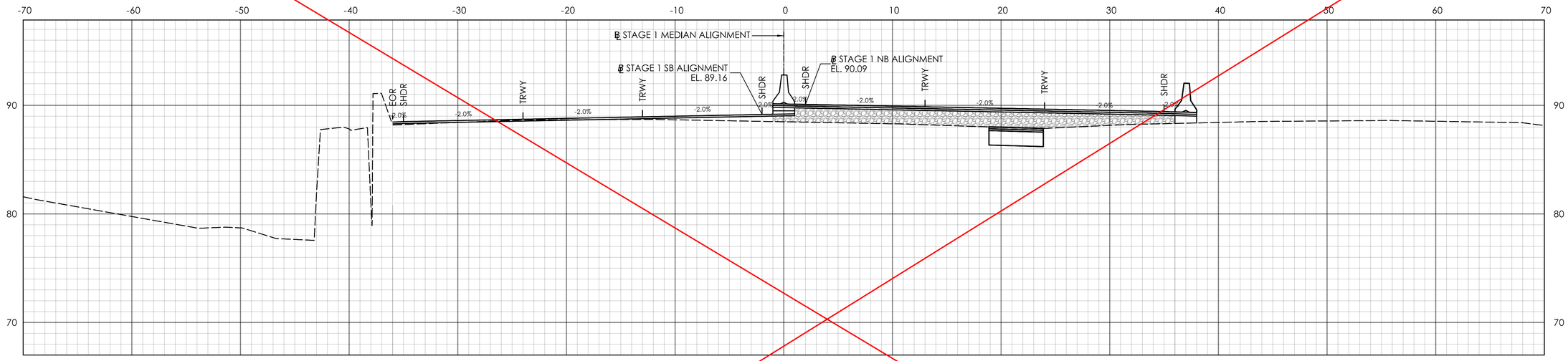
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PROJECT NO.: 0048-0200

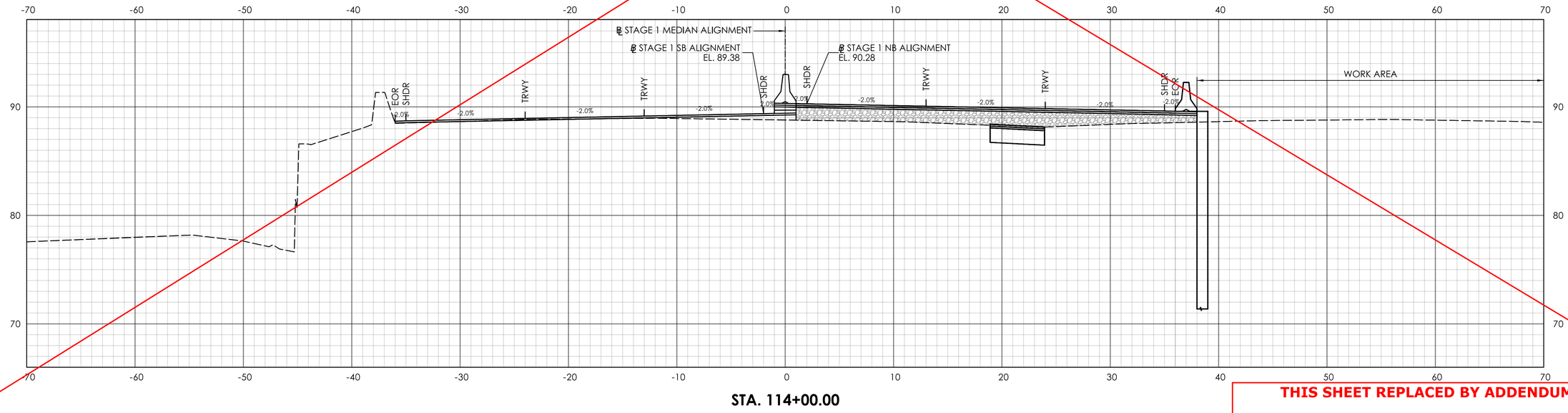
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0 5' 10'
HORIZONTAL SCALE
1" = 5'

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

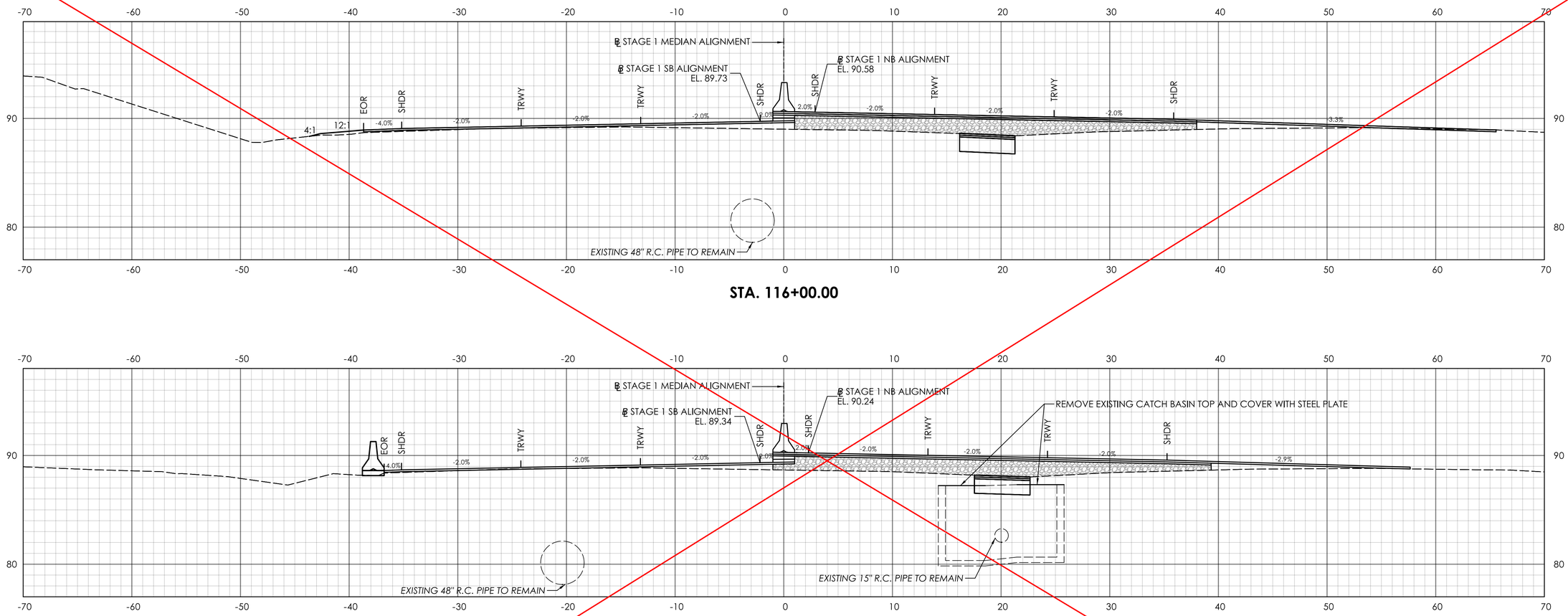
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PROJECT NO.: 0048-0200

DRAWING NO.: XSC-09

SHEET NO.: 03.059

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CTDOT — CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

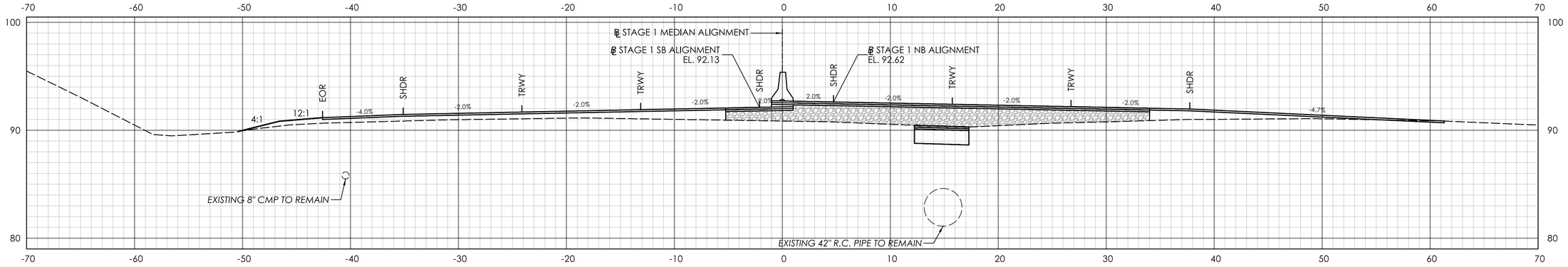
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PROJECT NO.: 0048-0200

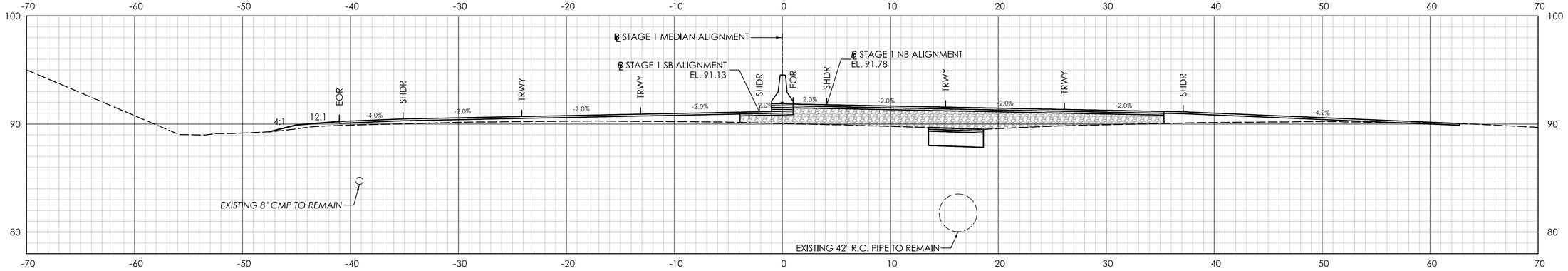
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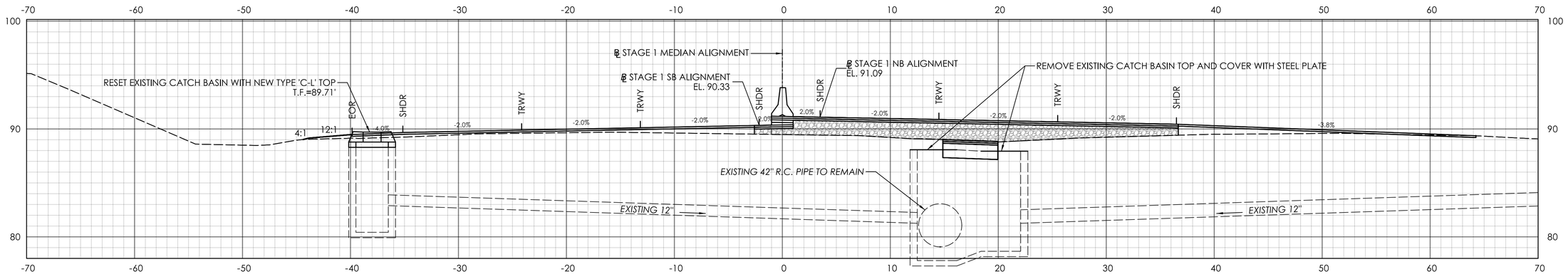
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PLOTTED DATE: 8/18/2025



STA. 117+50.00



STA. 117+00.00



STA. 116+50.00

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203-696-0444
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DESIGNER/DRAFTER: AMW CHECKED BY: JVS

HORIZONTAL SCALE 1" = 5' (0, 5', 10')

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

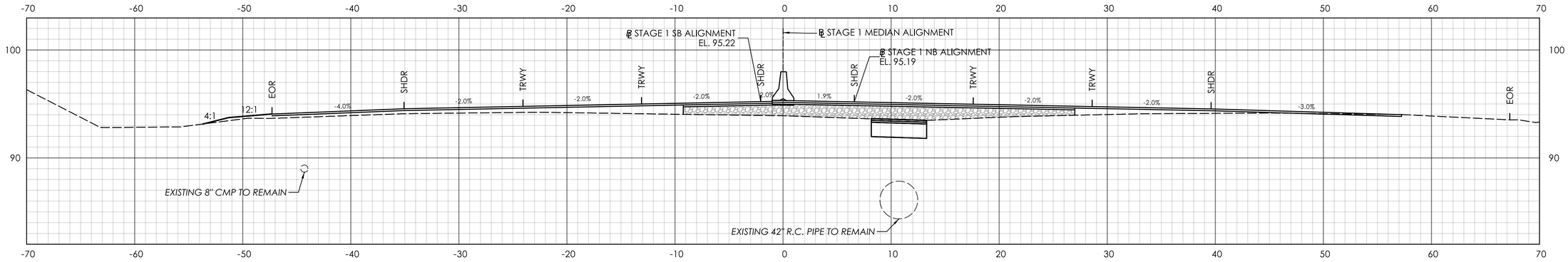
DRAWING TITLE: **STAGE 1 CROSS SECTIONS - 11**

PROJECT NO.: **0048-0200**

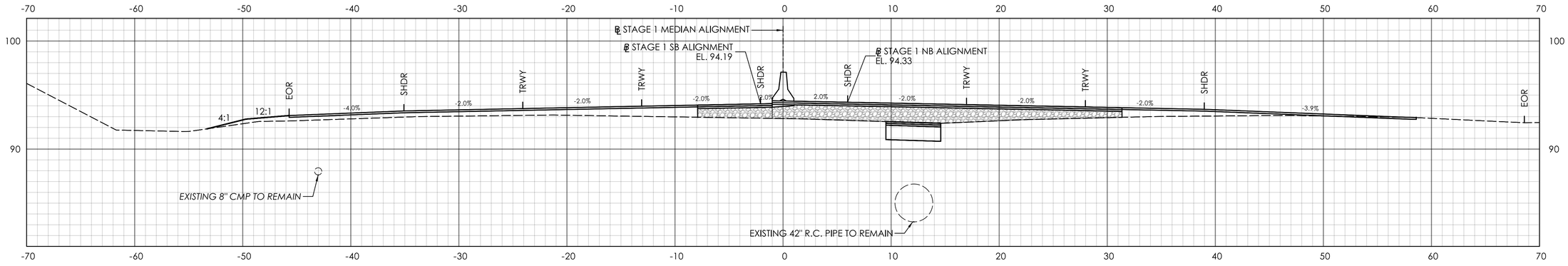
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SHEET NO.: 03.061

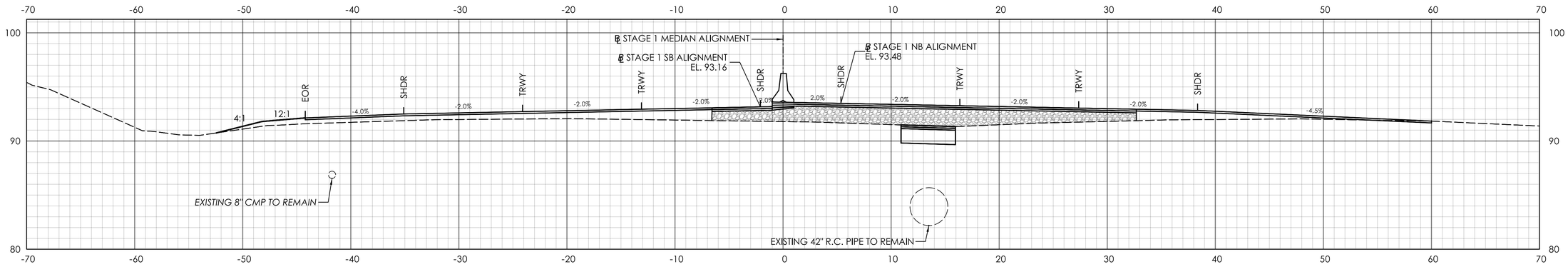
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HORIZONTAL SCALE 1" = 5'

CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

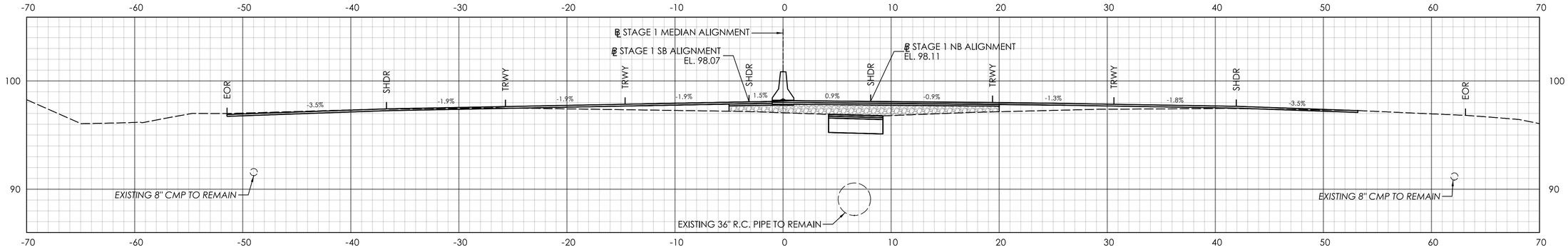
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PROJECT NO.: **0048-0200**

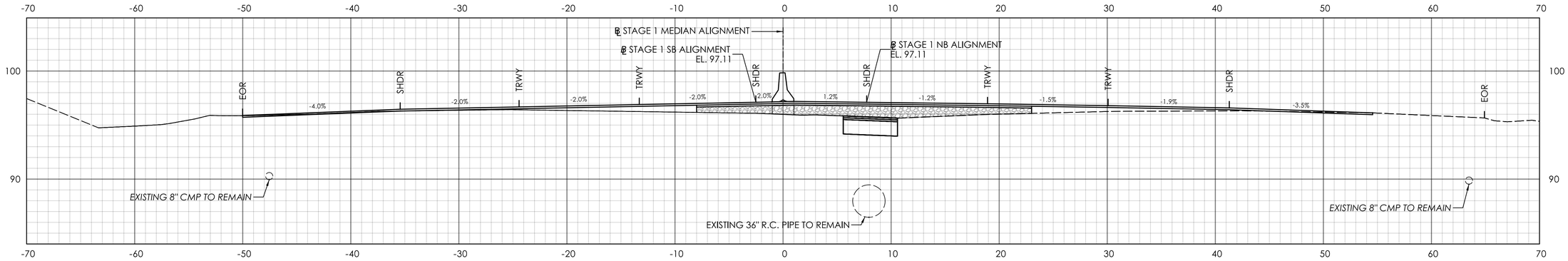
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SHEET NO.: 03.062

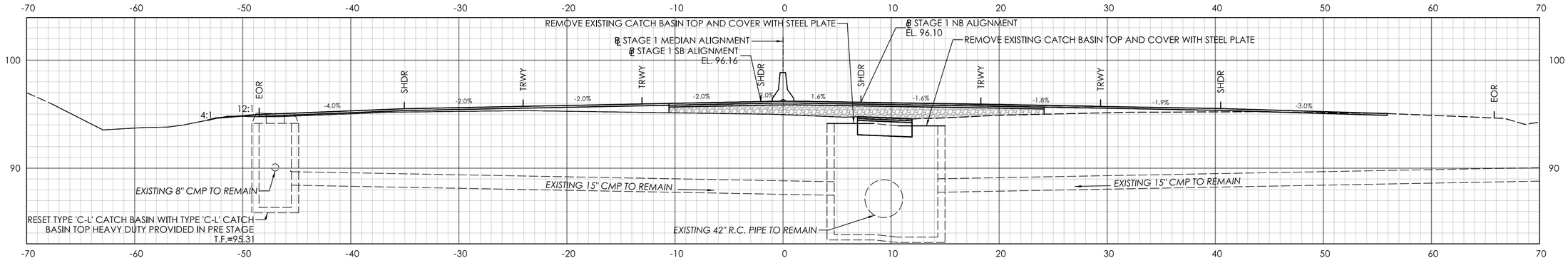
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HORIZONTAL SCALE 1" = 5'

CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

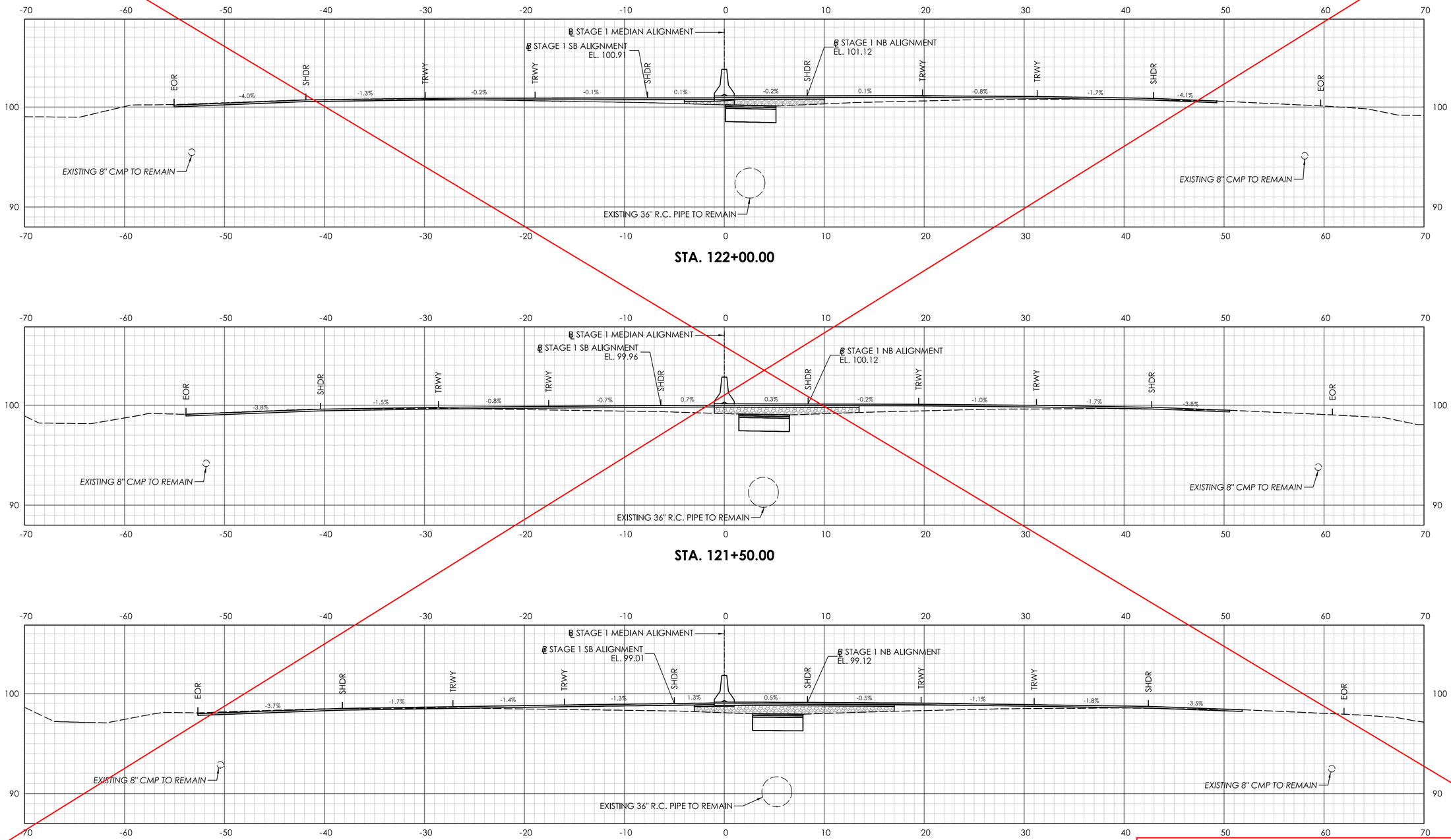
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PROJECT NO.: **0048-0200**

DRAWING NO.: **XSC-13**

SHEET NO.: 03.063

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PLOTTED DATE: 8/18/2025



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HORIZONTAL SCALE 1" = 5'

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

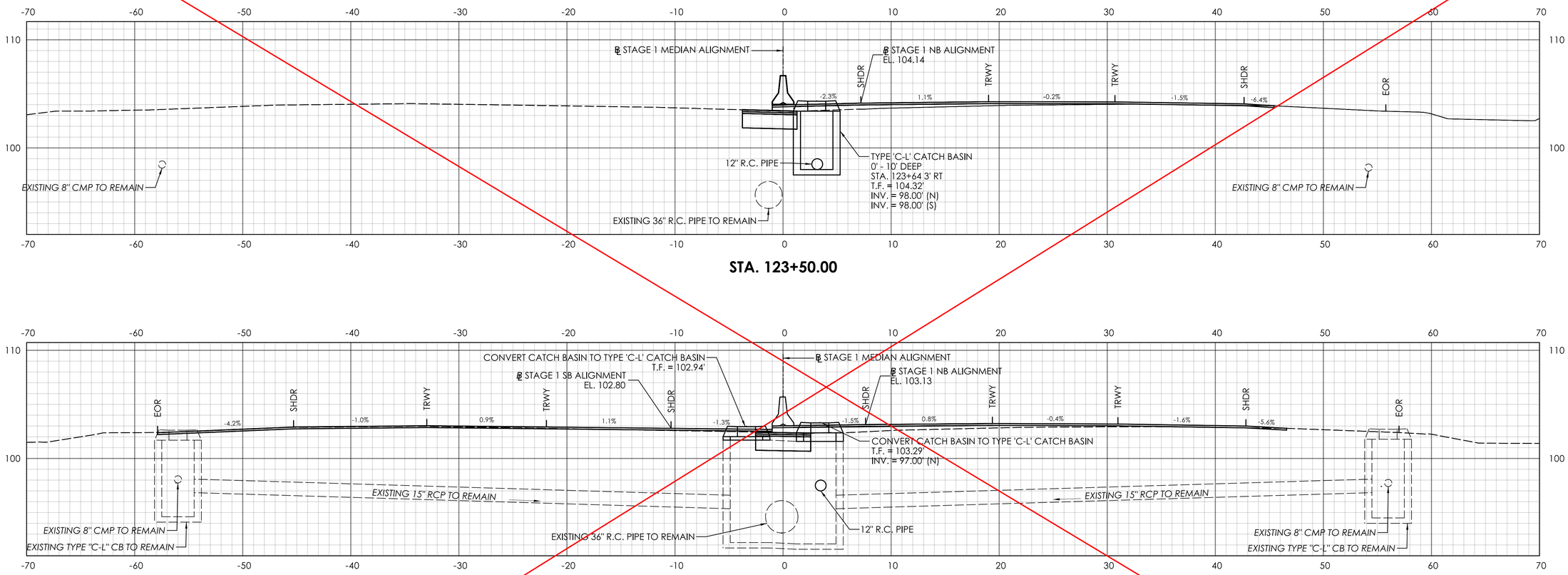
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PROJECT NO.: **0048-0200**

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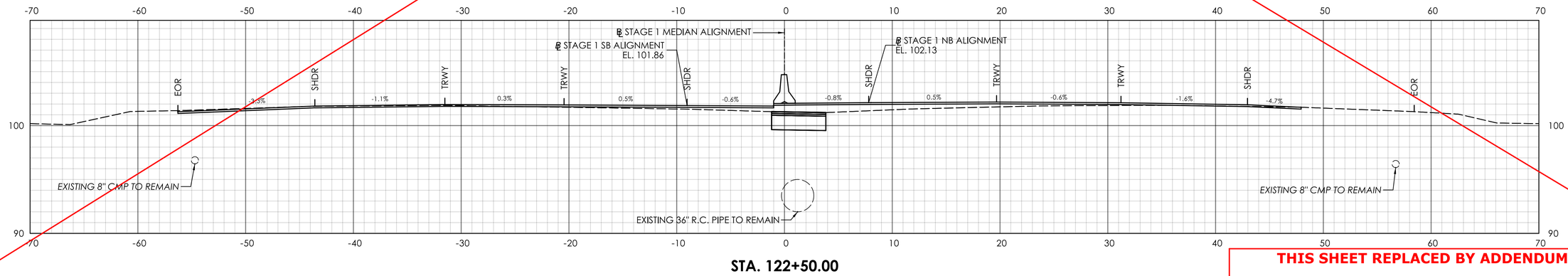
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CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

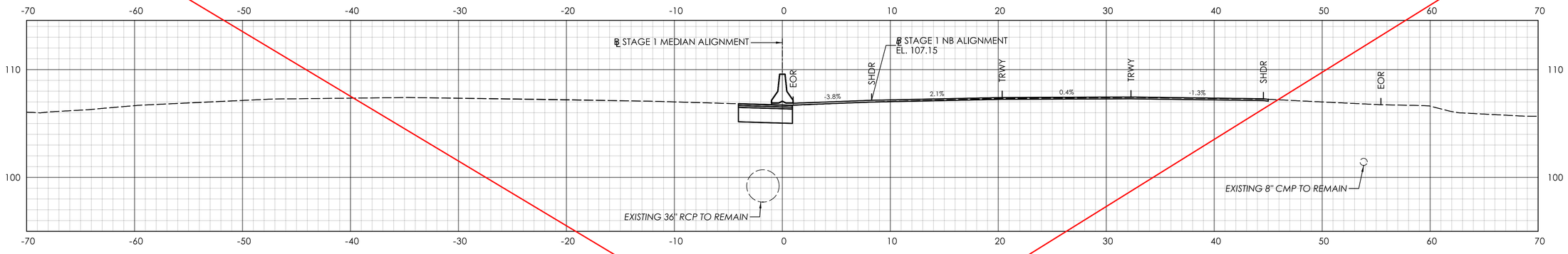
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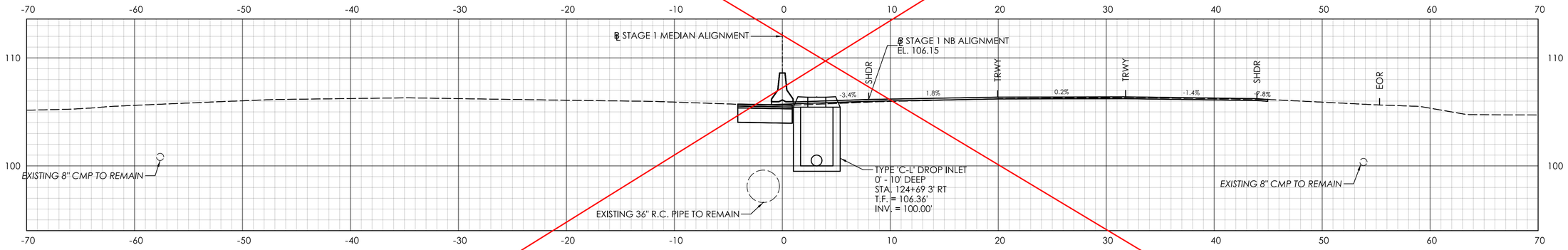
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SHEET NO.: 03.065

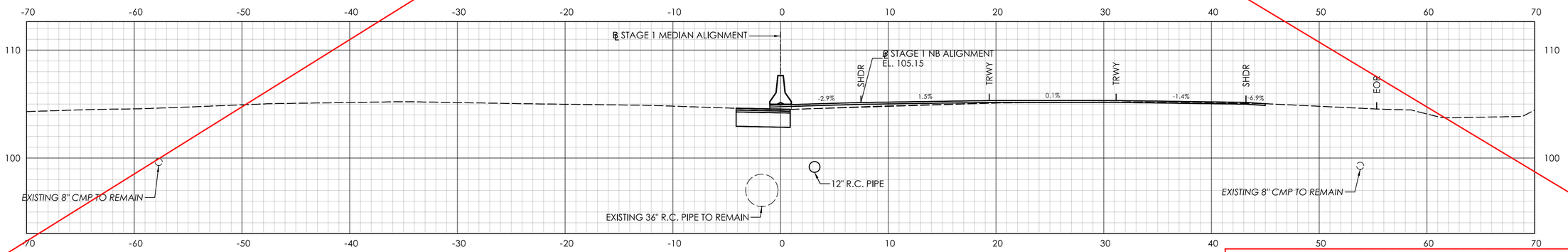
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HORIZONTAL SCALE 1" = 5' (0, 5', 10')

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

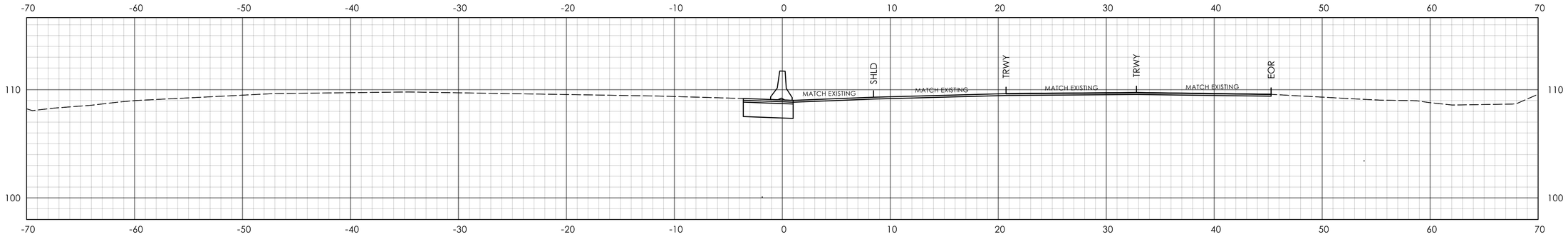
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PROJECT NO.: **0048-0200**

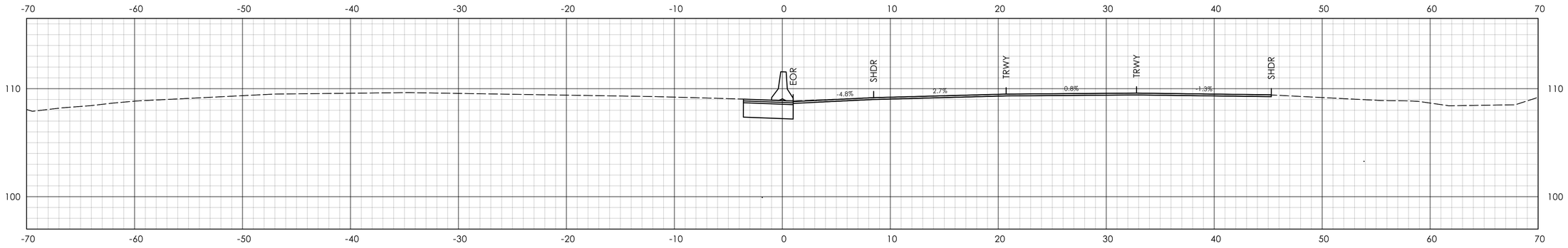
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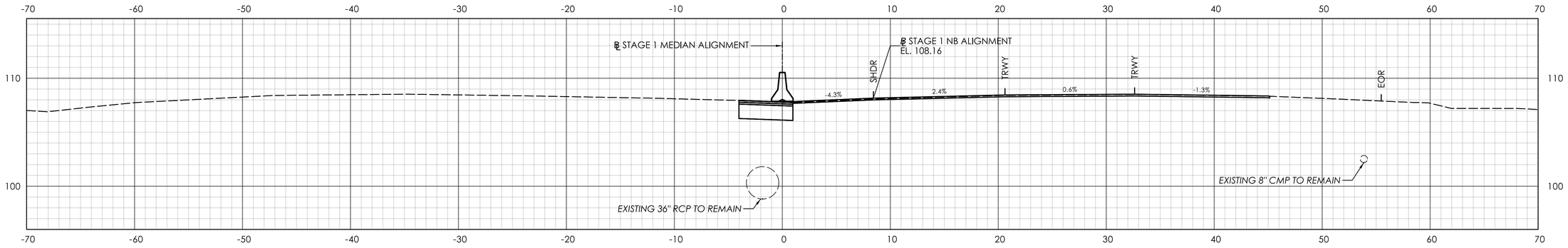
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STA. 126+09



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CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

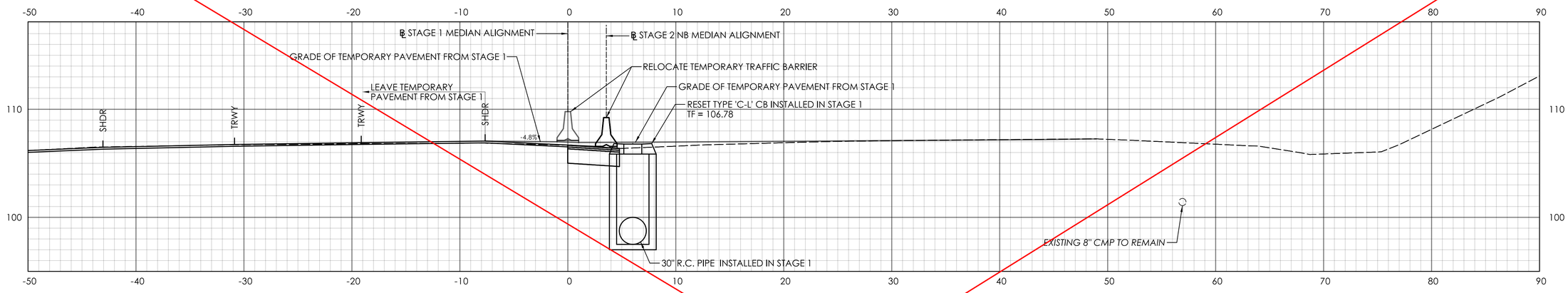
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PROJECT NO.: **0048-0200**

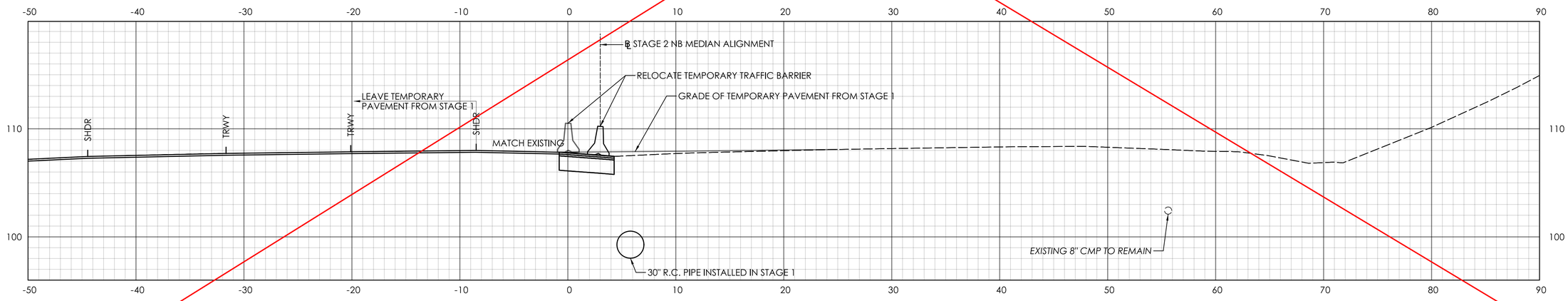
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SHEET NO.: 03.067

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Cross Sections Stage 1.dgn
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HORIZONTAL SCALE 1" = 5' (0, 5', 10')

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

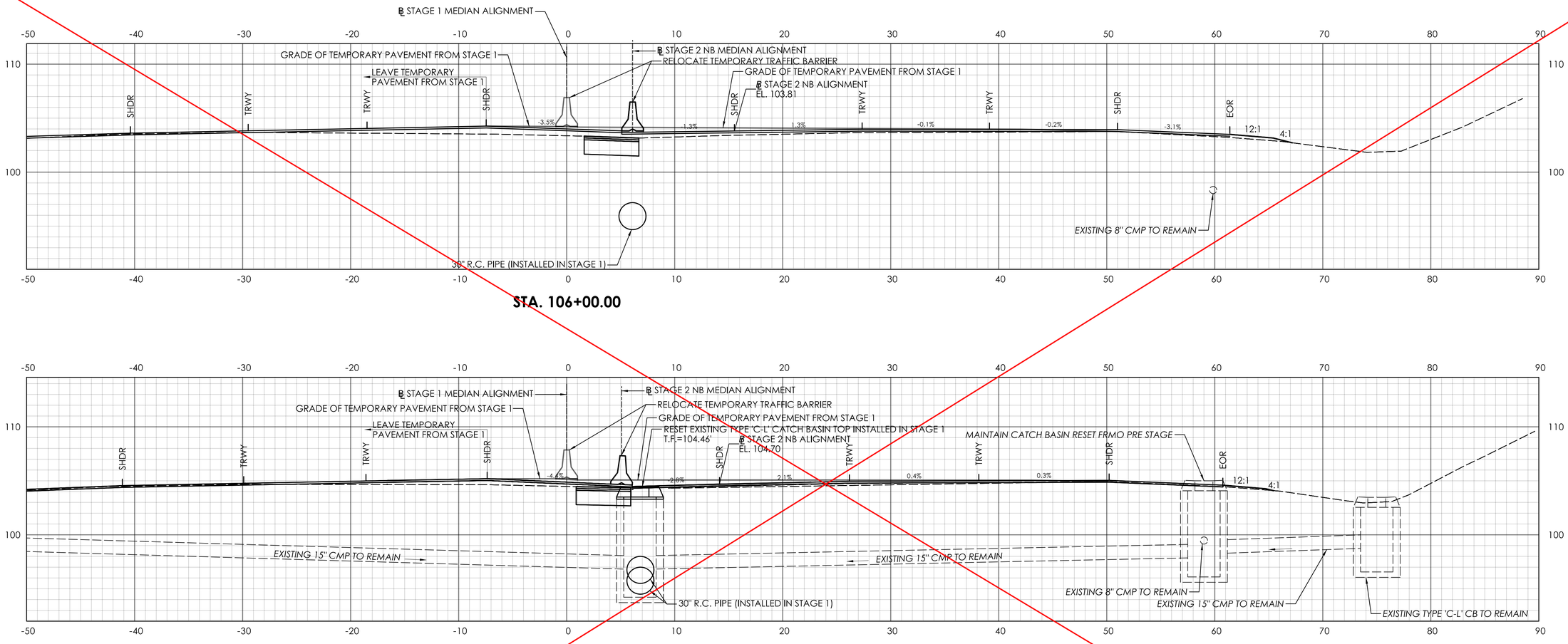
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PROJECT NO.: 0048-0200

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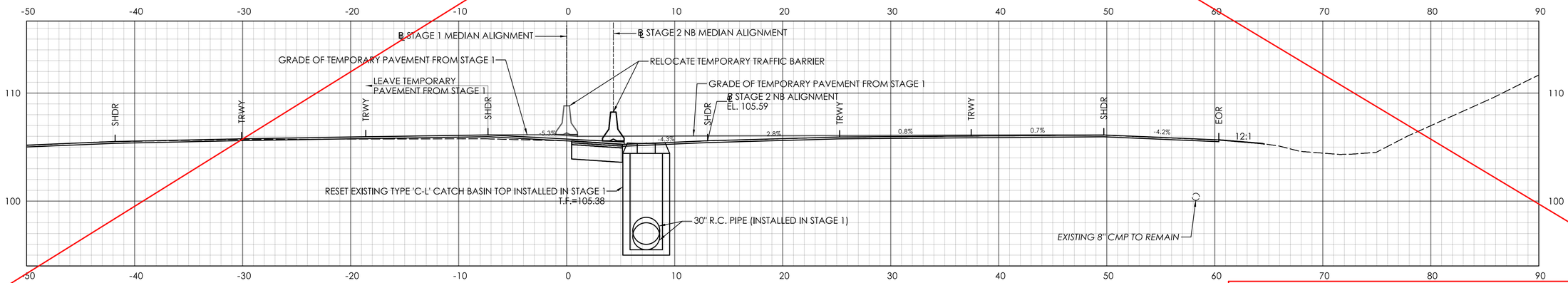
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LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Cross Sections Stage 2.dgn
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DESIGNER/DRAFTER: AMW CHECKED BY: JVS

0 5' 10'
HORIZONTAL SCALE
1" = 5'

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

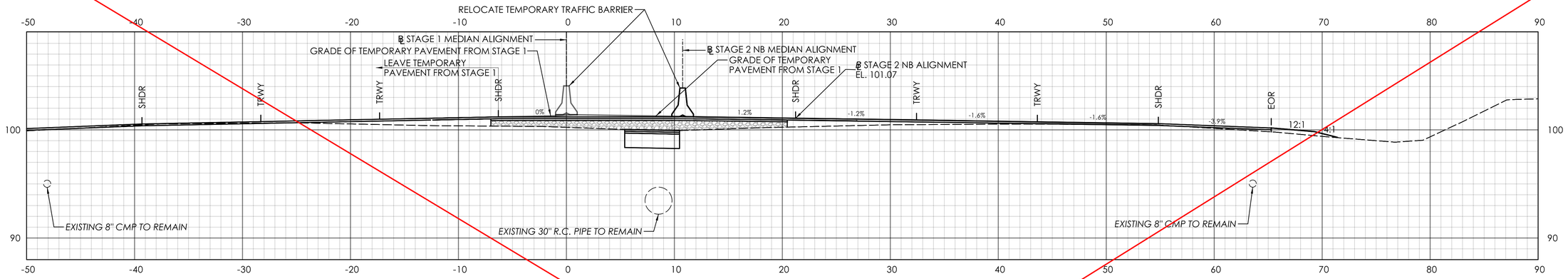
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PROJECT NO.: 0048-0200

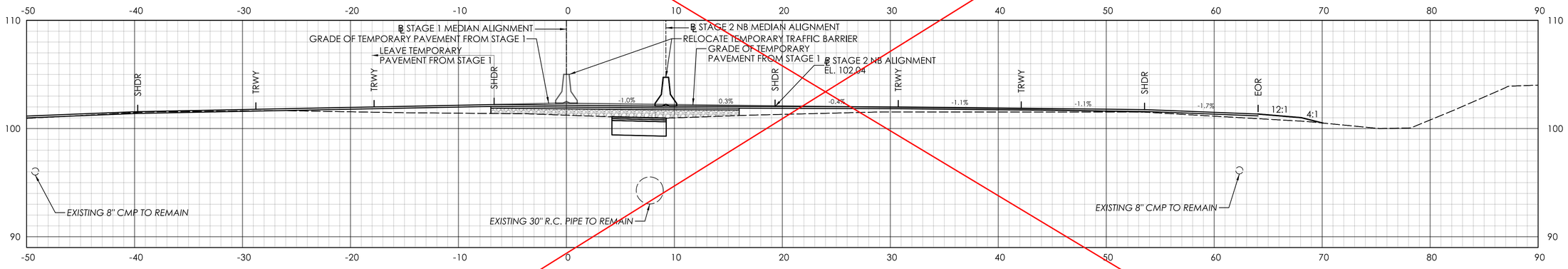
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SHEET NO.: 03.069

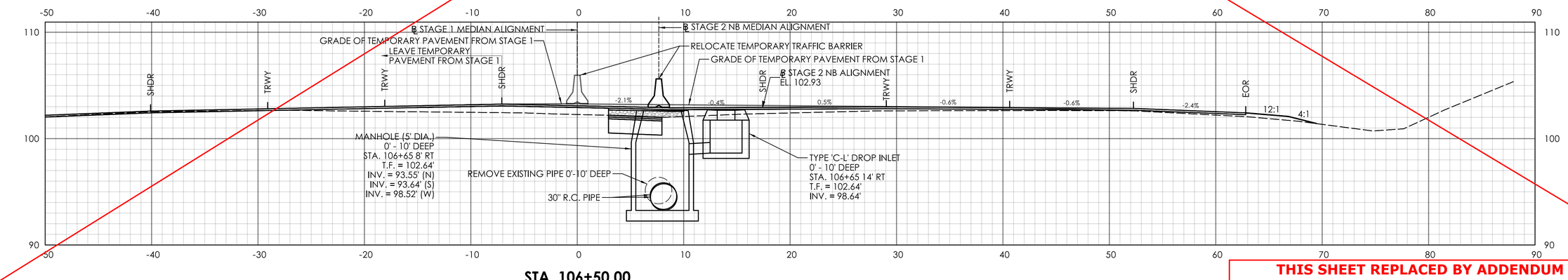
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CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

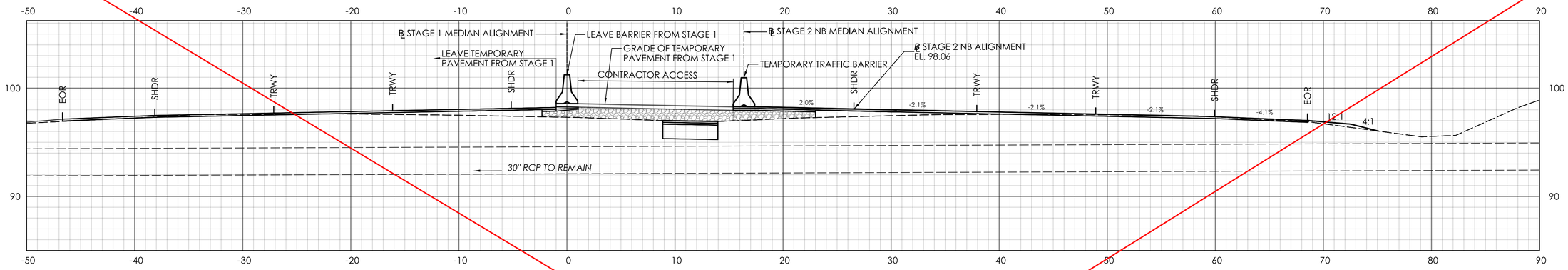
DRAWING TITLE: **STAGE 2 CROSS SECTIONS - 03**

PROJECT NO.: **0048-0200**

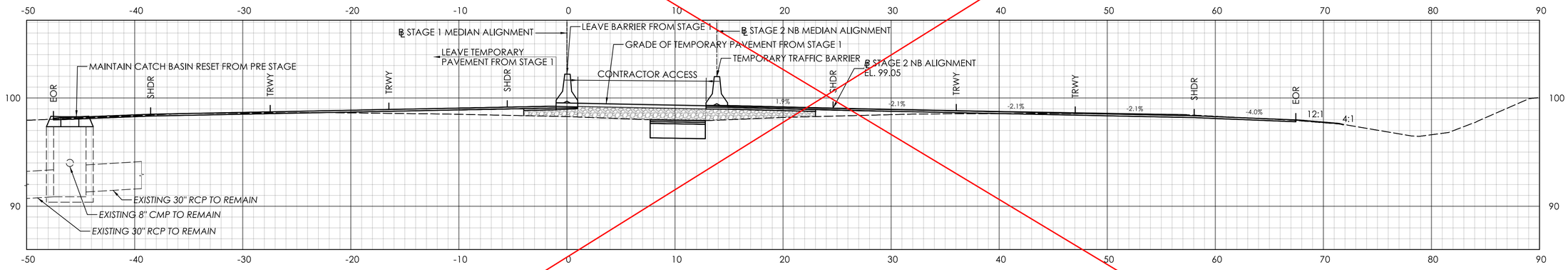
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SHEET NO.: 03.070

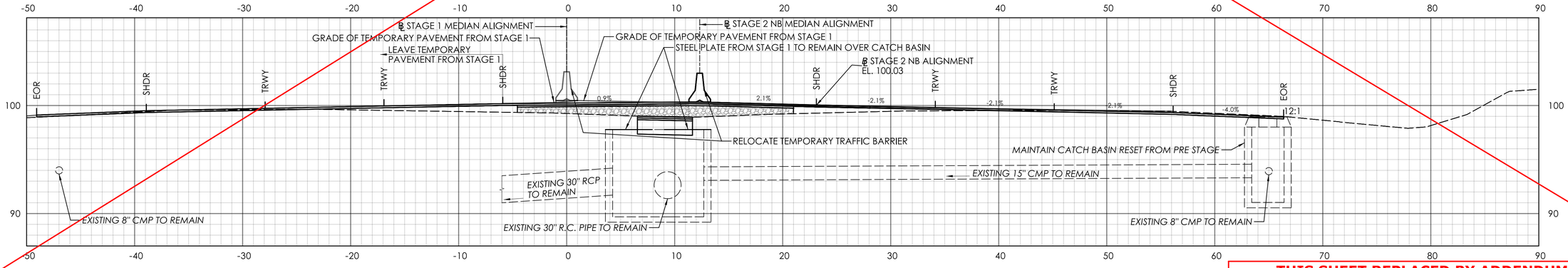
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CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

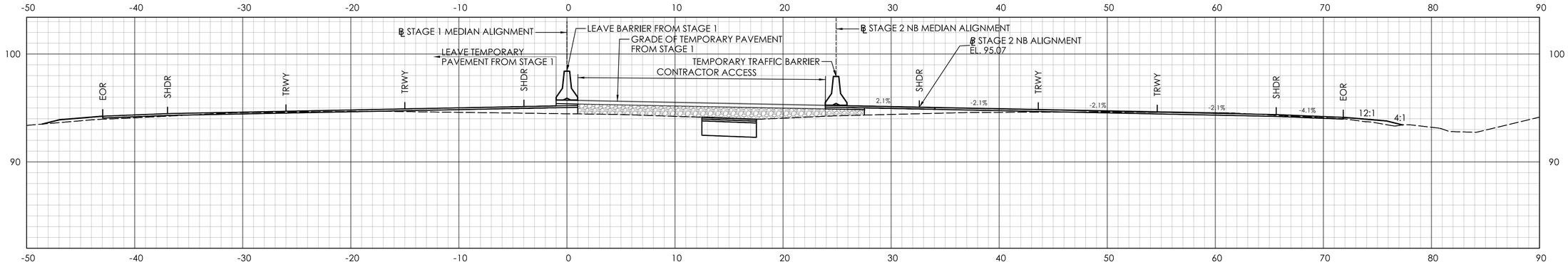
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PROJECT NO.: 0048-0200

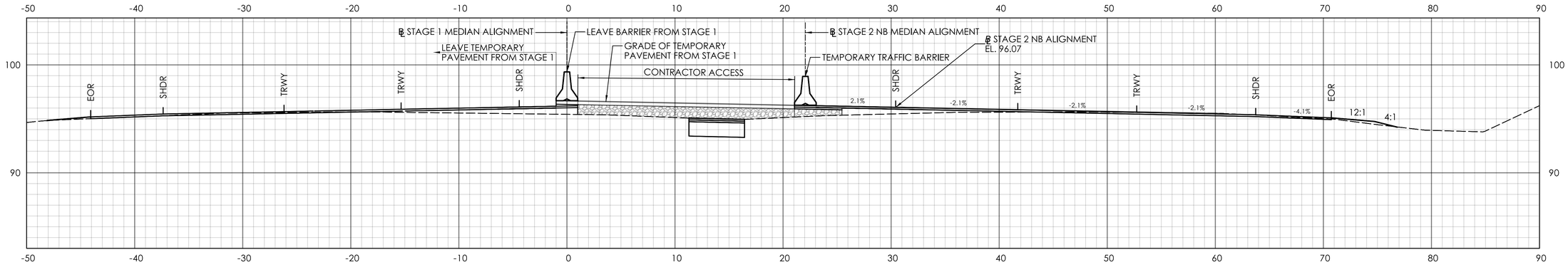
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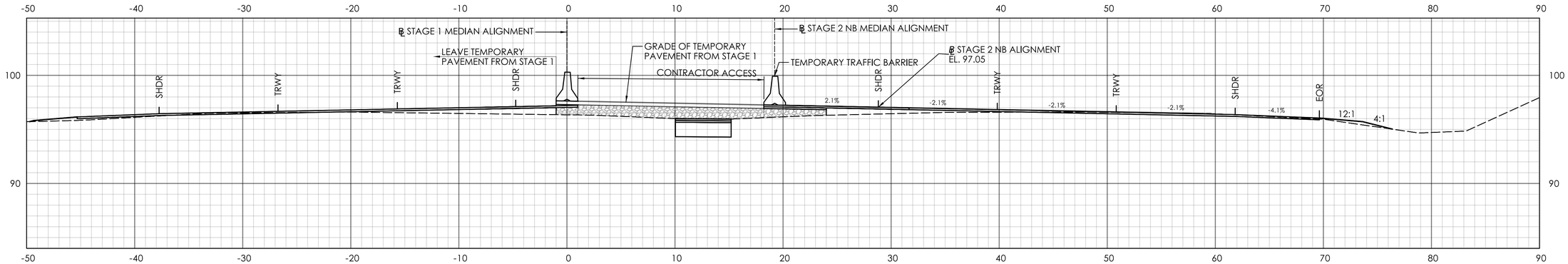
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CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

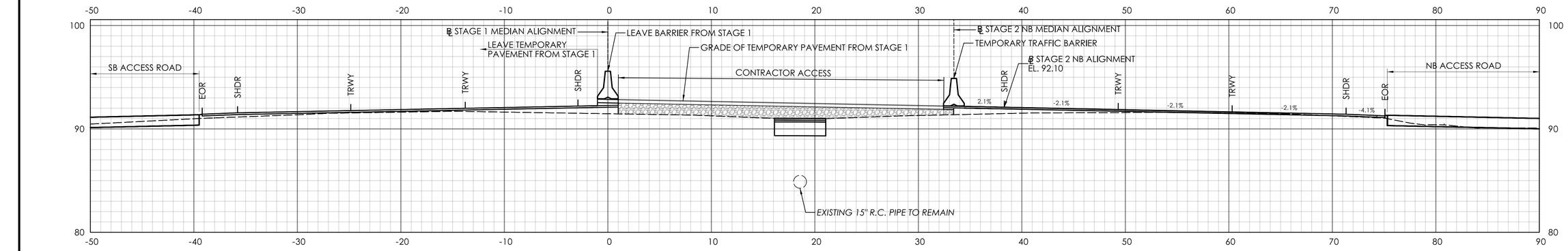
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PROJECT NO.: **0048-0200**

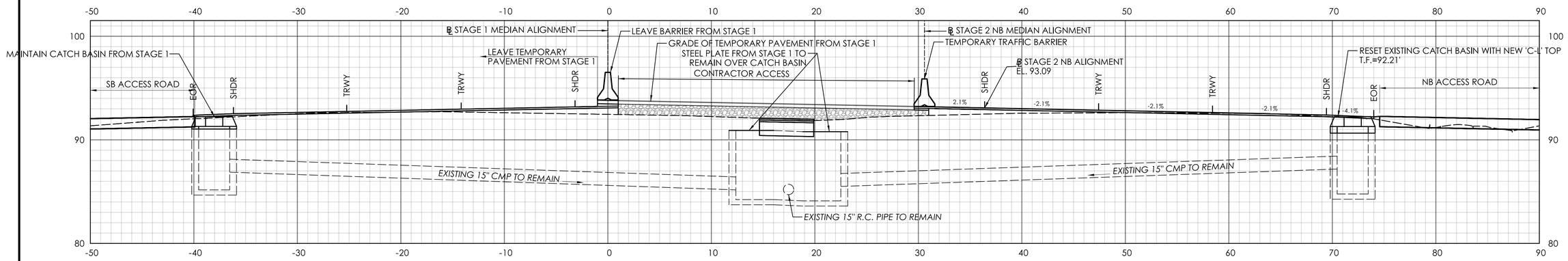
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SHEET NO.: 03.072

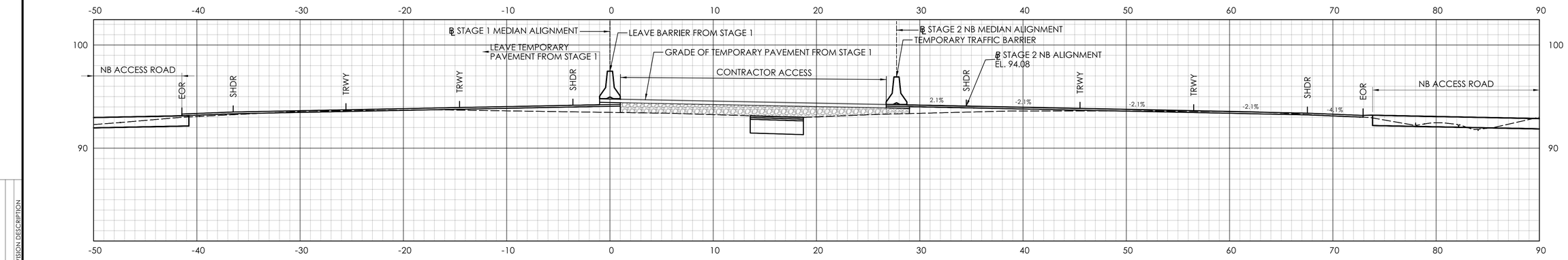
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PLOTTED DATE: 8/18/2025



STA. 112+00.00



STA. 111+50.00



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203-696-0444
www.adicesarepc.com

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HORIZONTAL SCALE 1" = 5' (0, 5', 10')

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

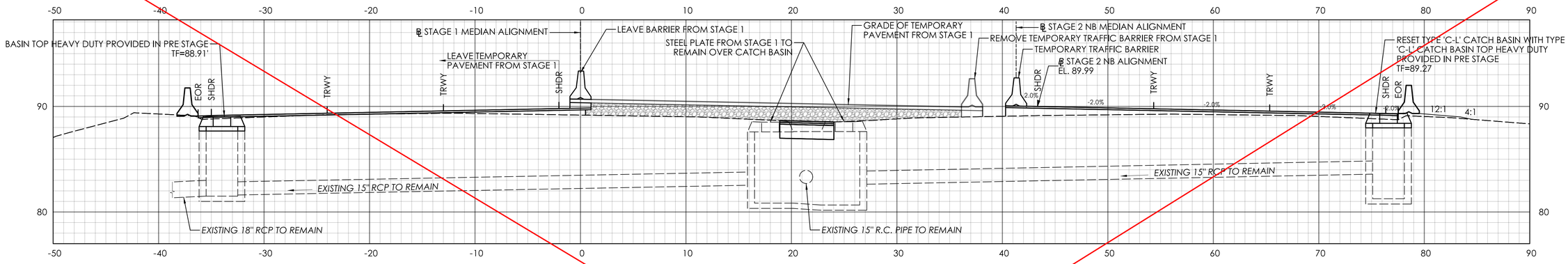
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PROJECT NO.: **0048-0200**

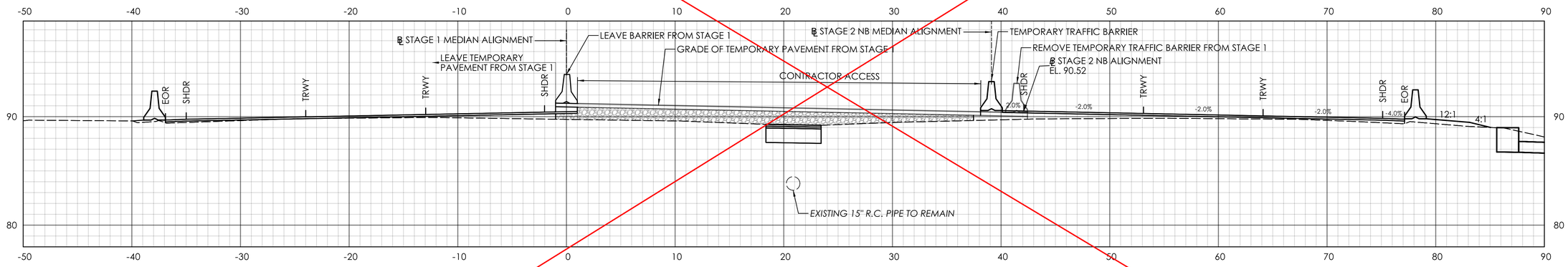
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SHEET NO.: 03.073

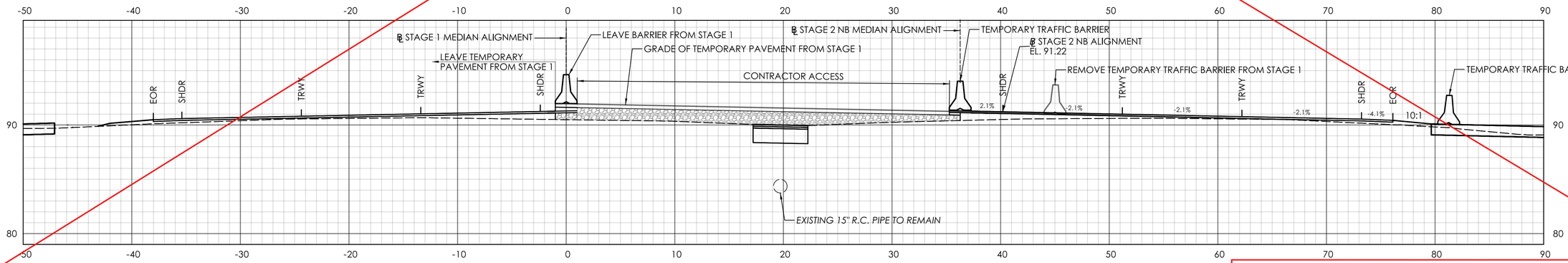
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STA. 112+50.00

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CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

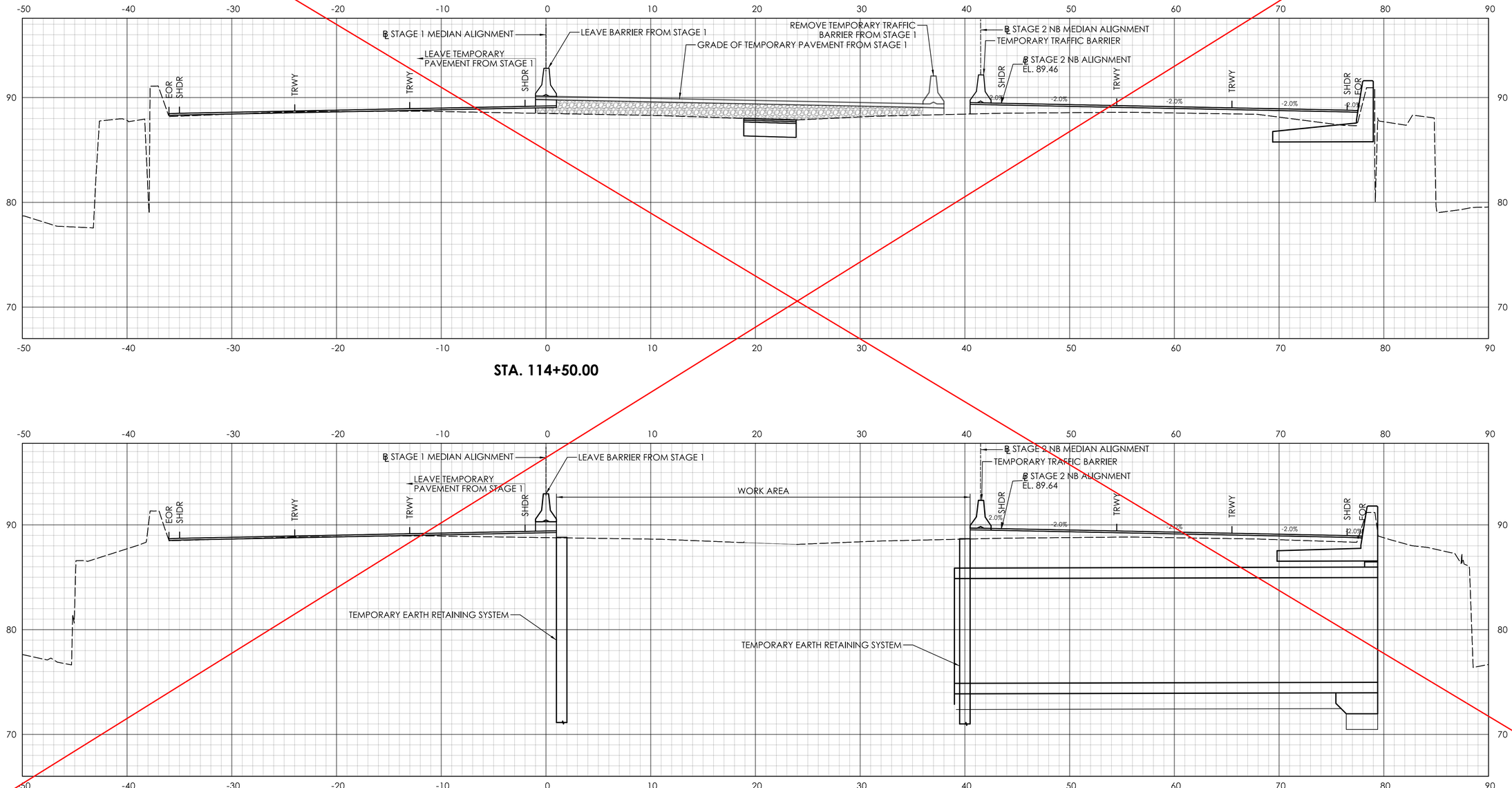
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PROJECT NO.: 0048-0200

DRAWING NO.: XSC-24

SHEET NO.: 03.074

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0 5' 10'
HORIZONTAL SCALE
1" = 5'

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

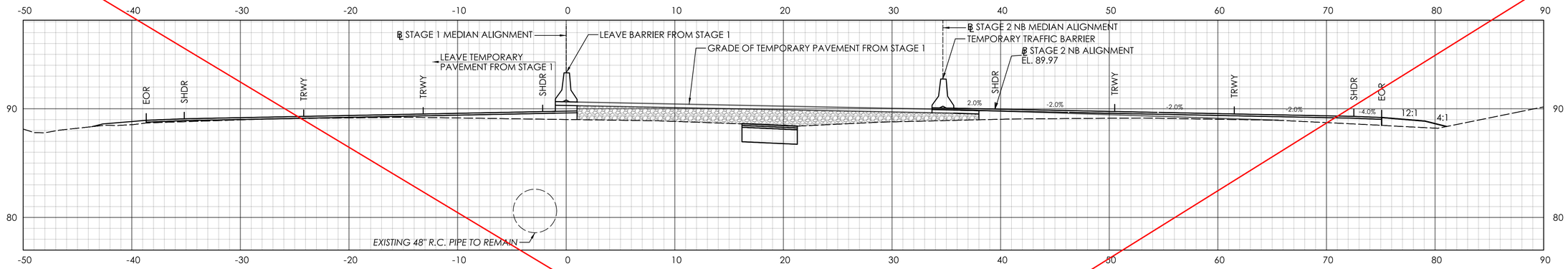
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PROJECT NO.: 0048-0200

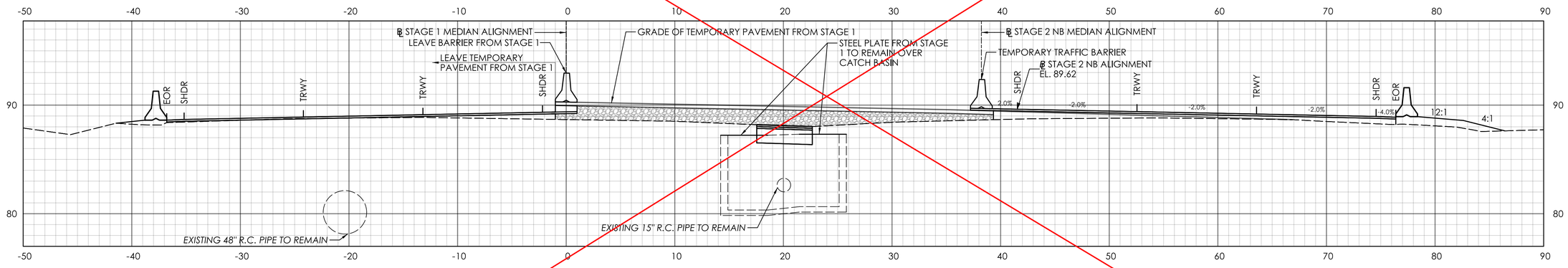
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SHEET NO.: 03.075

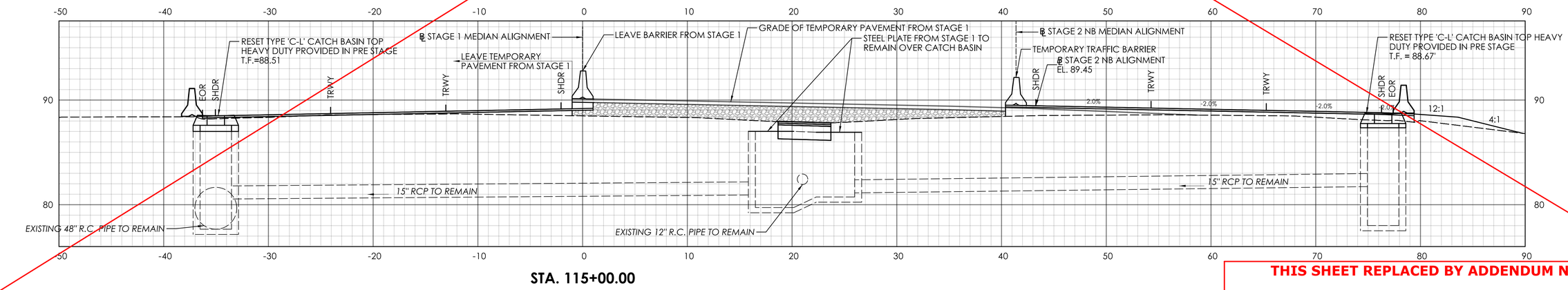
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PLOTTED DATE: 8/18/2025



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HORIZONTAL SCALE 1" = 5' (0, 5', 10')

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

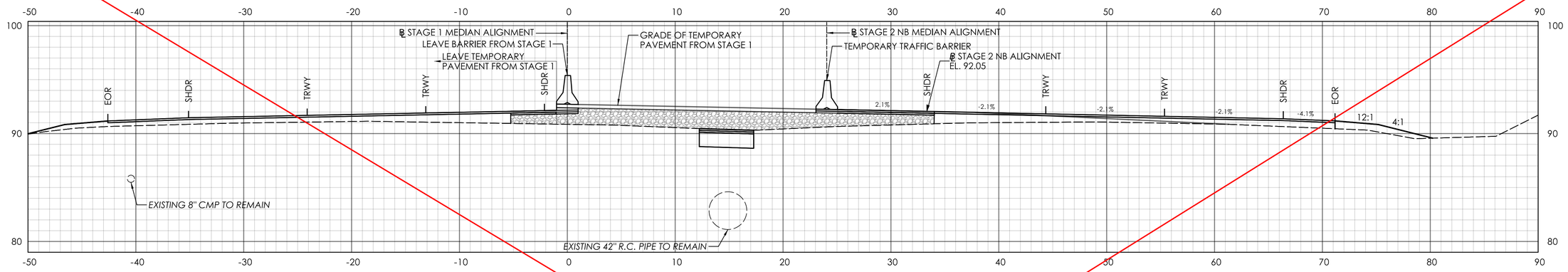
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PROJECT NO.: **0048-0200**

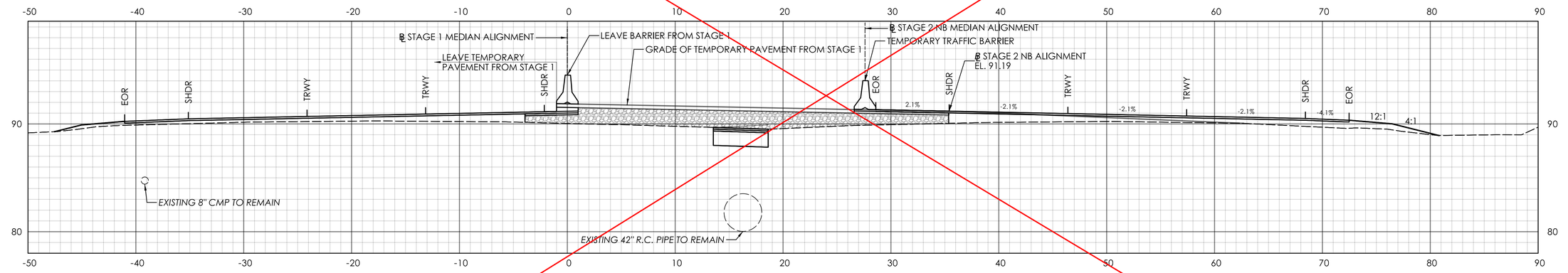
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SHEET NO.: 03.076

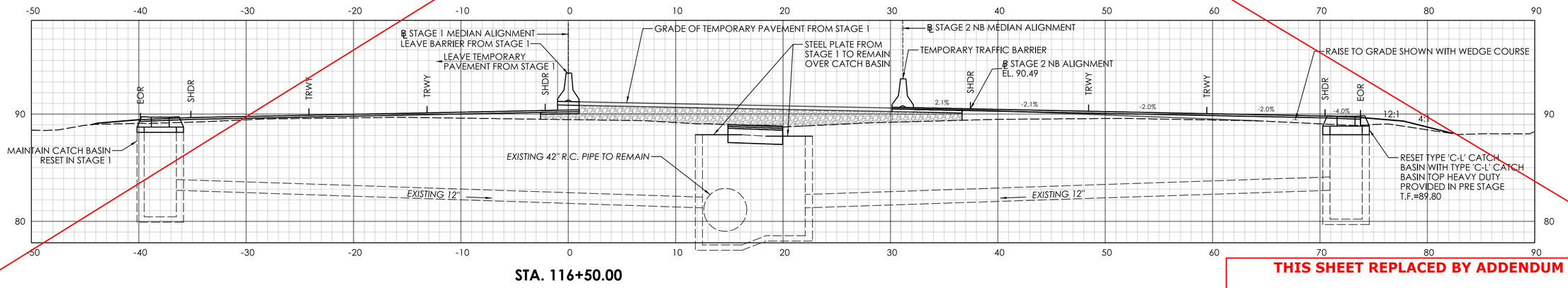
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CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

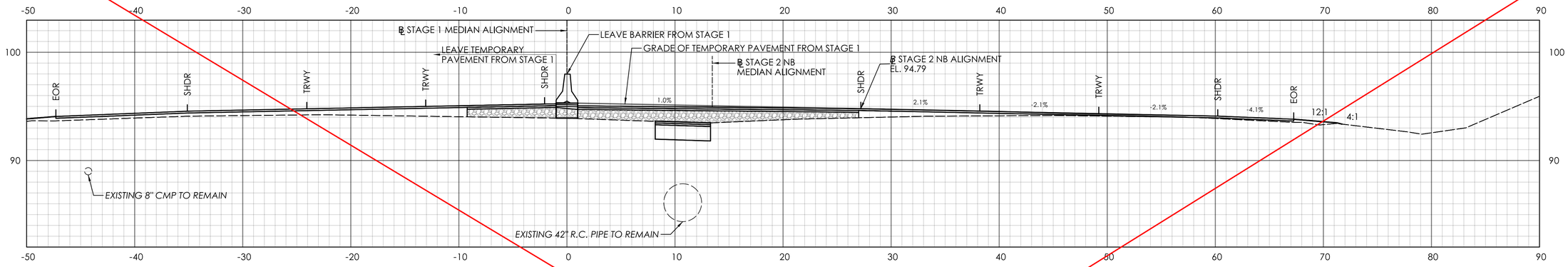
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PROJECT NO.: **0048-0200**

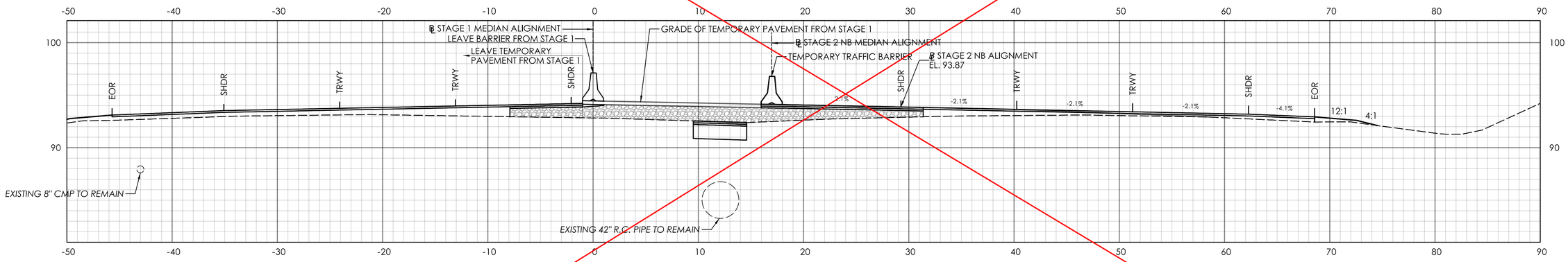
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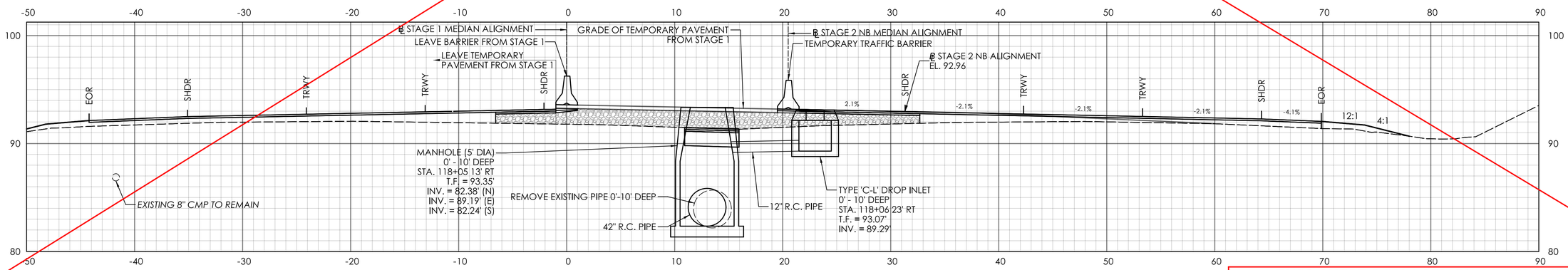
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0 5' 10'
HORIZONTAL SCALE 1" = 5'

CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

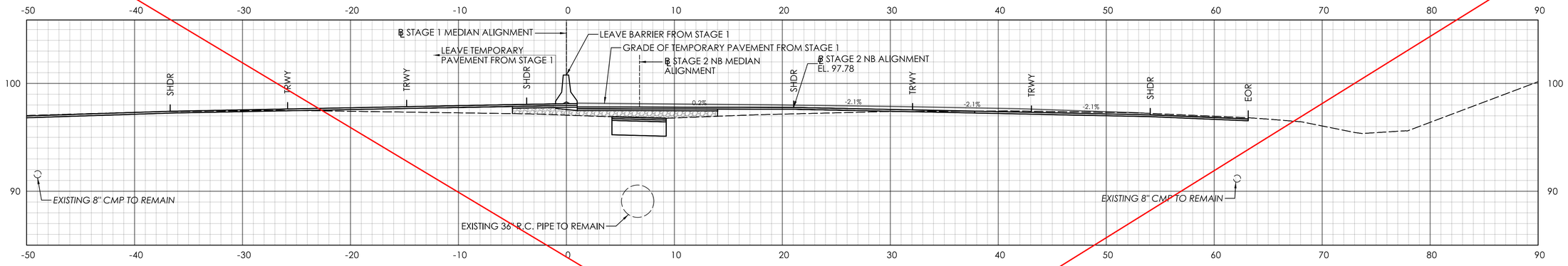
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PROJECT NO.: 0048-0200

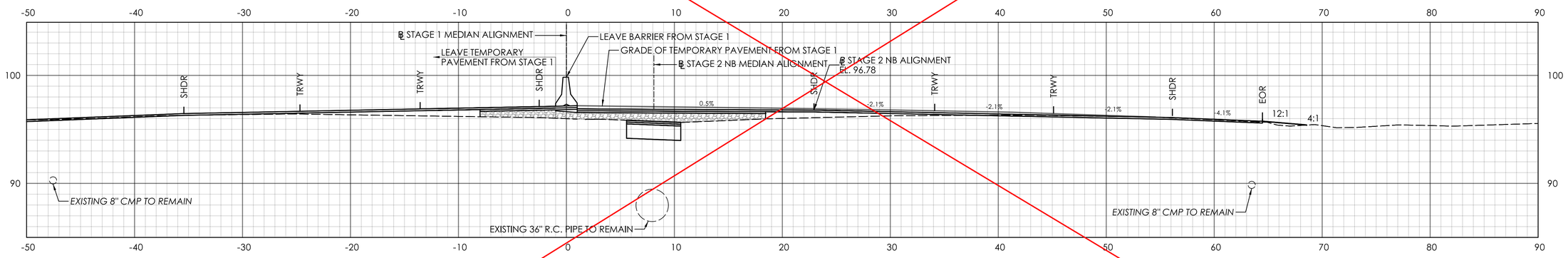
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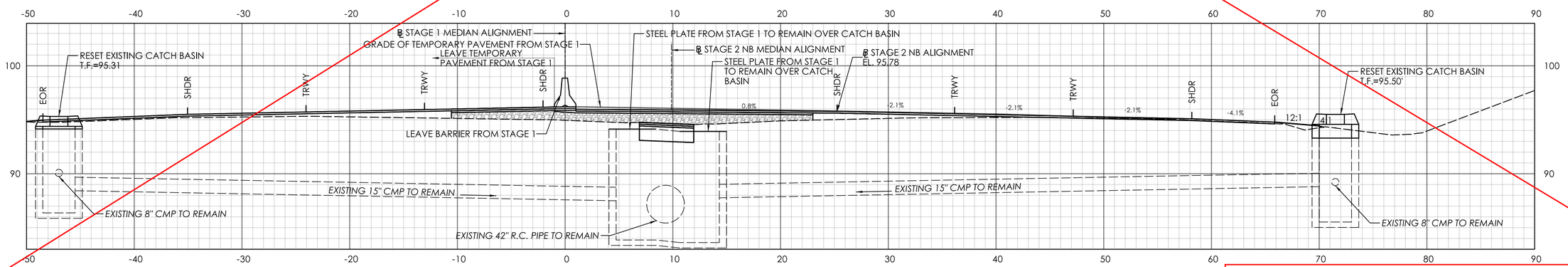
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PLOTTED DATE: 8/18/2025



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HORIZONTAL SCALE 1" = 5' (0, 5', 10')

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

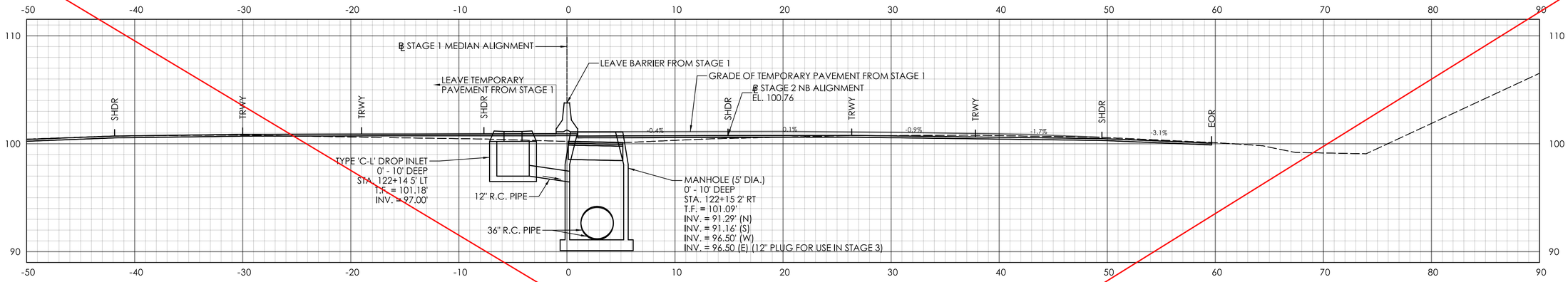
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PROJECT NO.: **0048-0200**

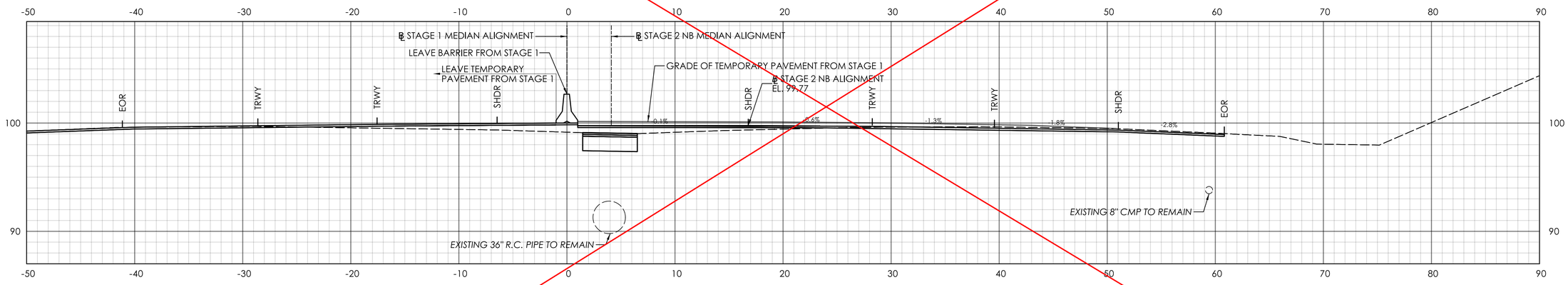
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SHEET NO.: 03.079

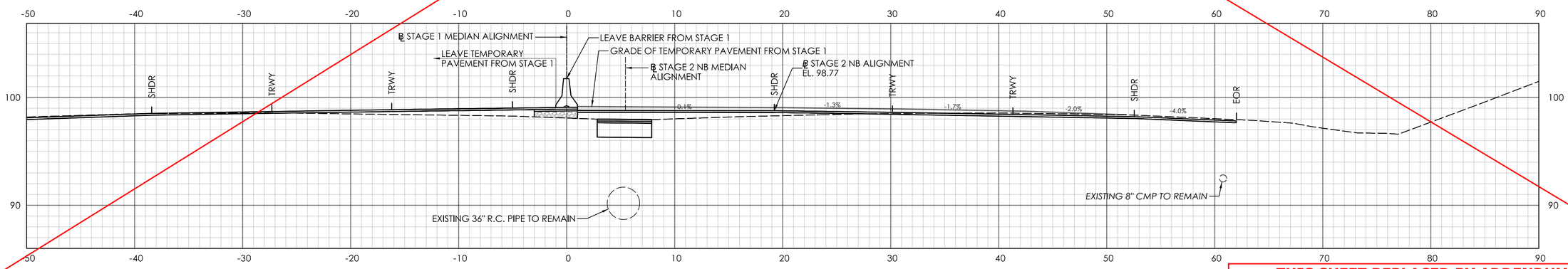
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CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

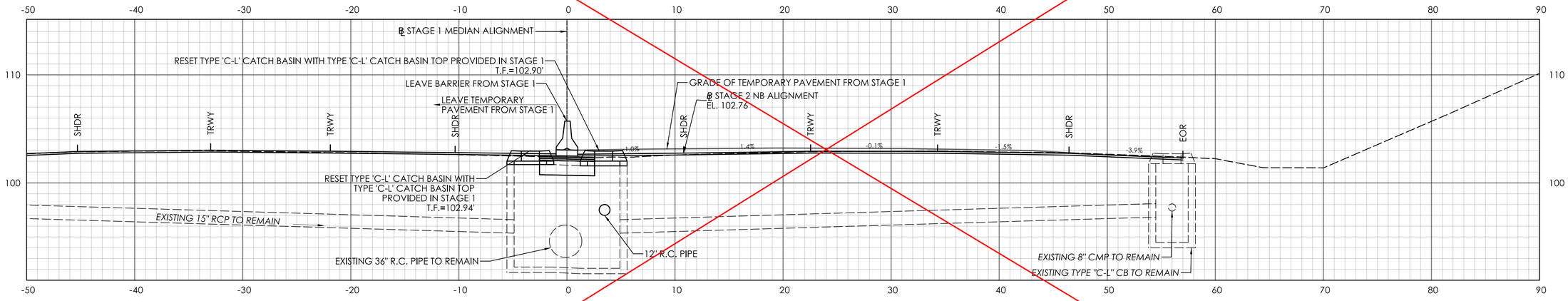
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PROJECT NO.: **0048-0200**

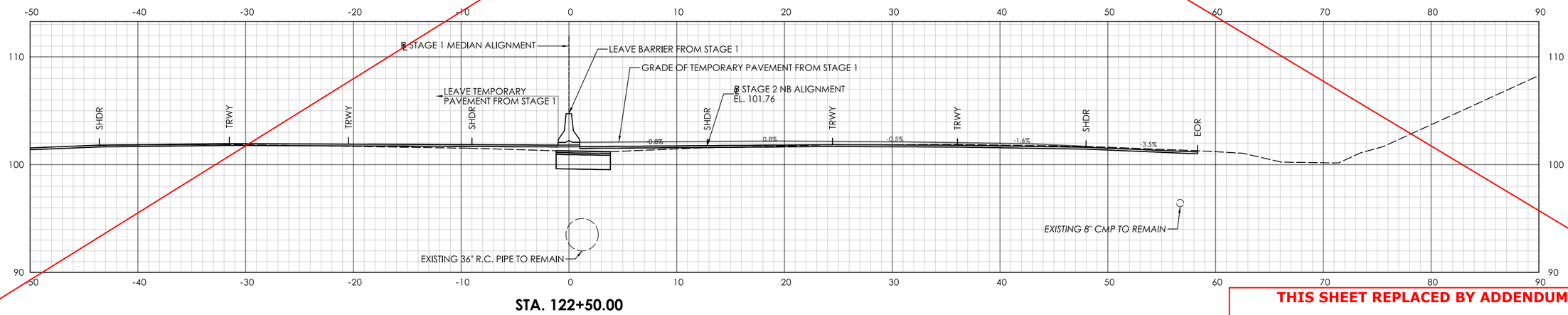
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SHEET NO.: 03.080

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Cross Sections Stage 2.dgn
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PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

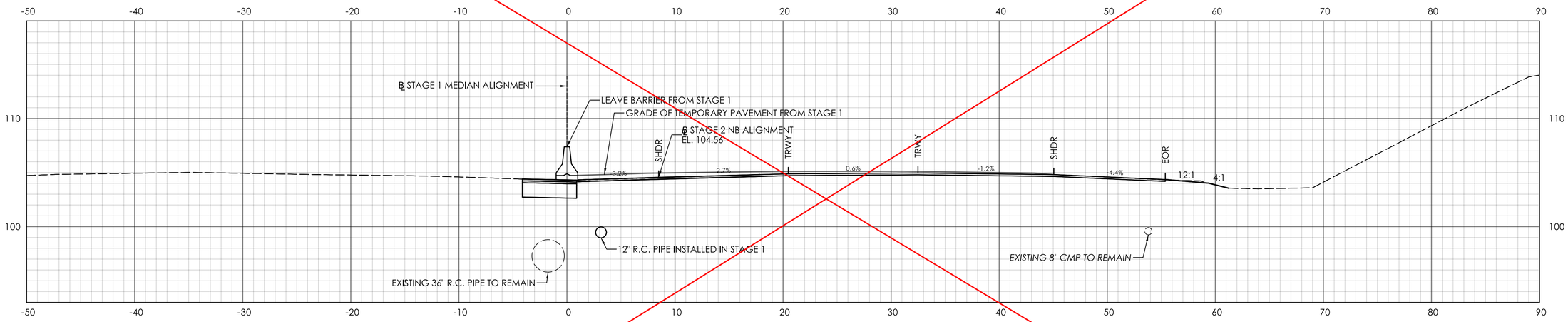
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PROJECT NO.: **0048-0200**

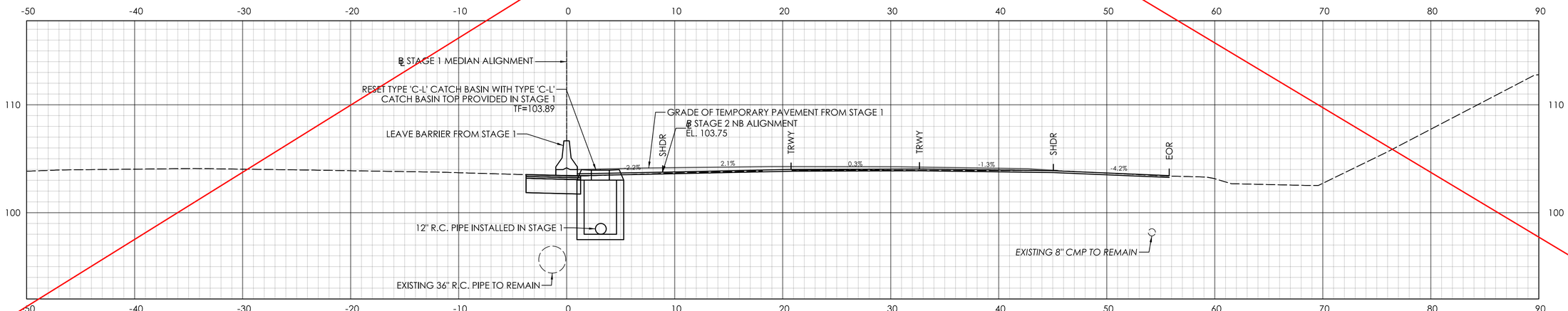
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0 5' 10'
HORIZONTAL SCALE
1" = 5'

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

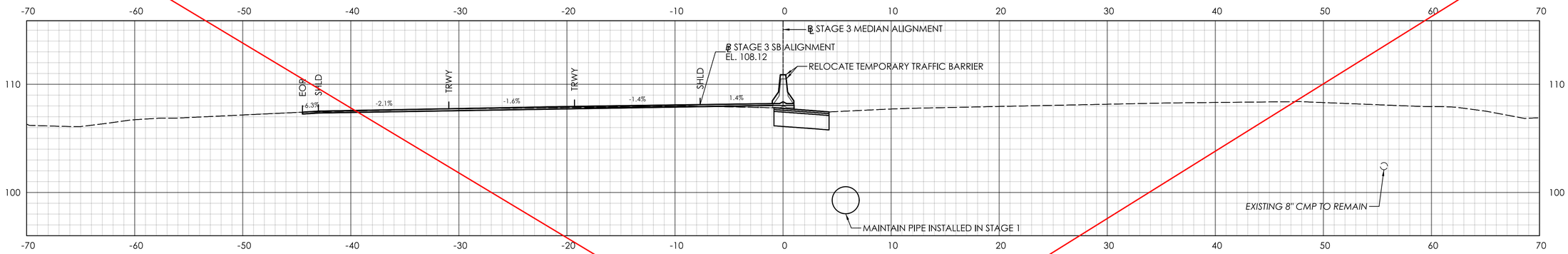
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PROJECT NO.: **0048-0200**

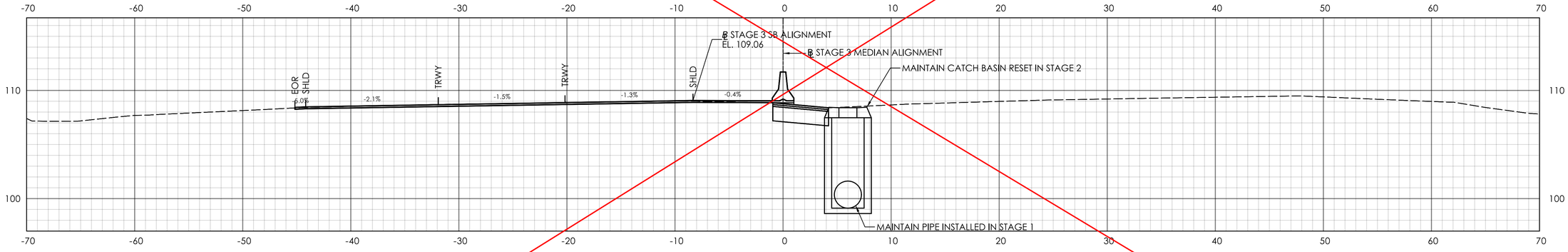
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SHEET NO.: 03.082

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0 5' 10'
HORIZONTAL SCALE
1" = 5'

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

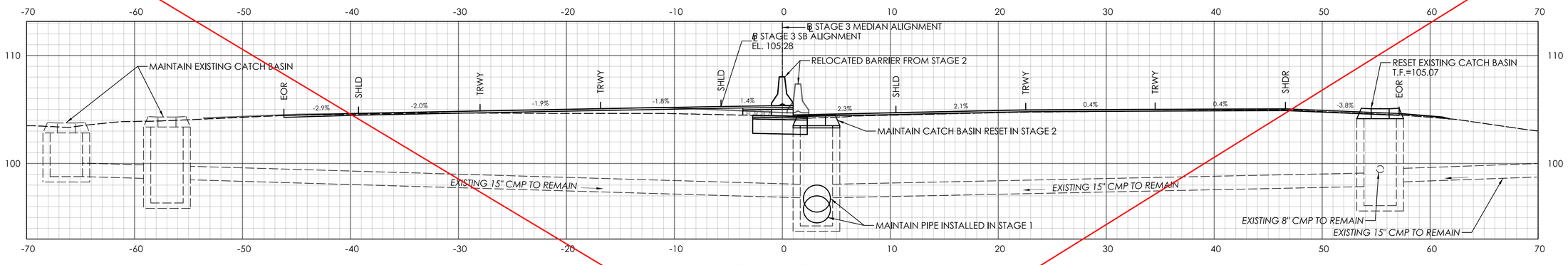
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PROJECT NO.: 0048-0200

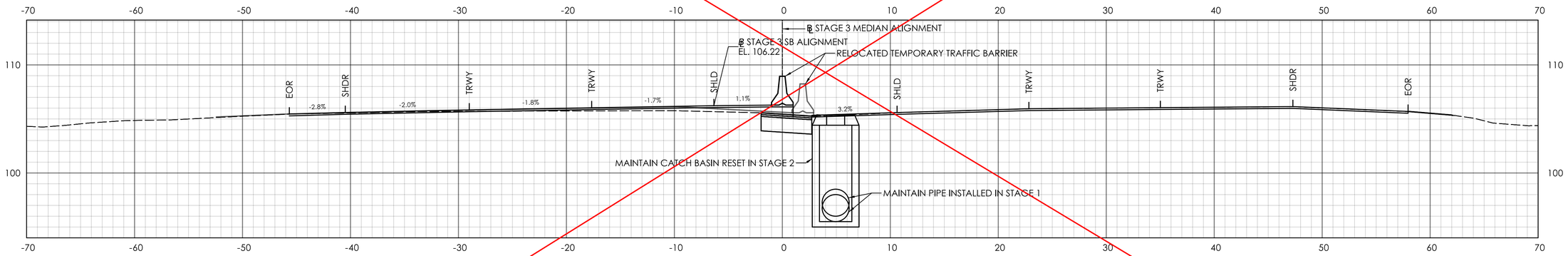
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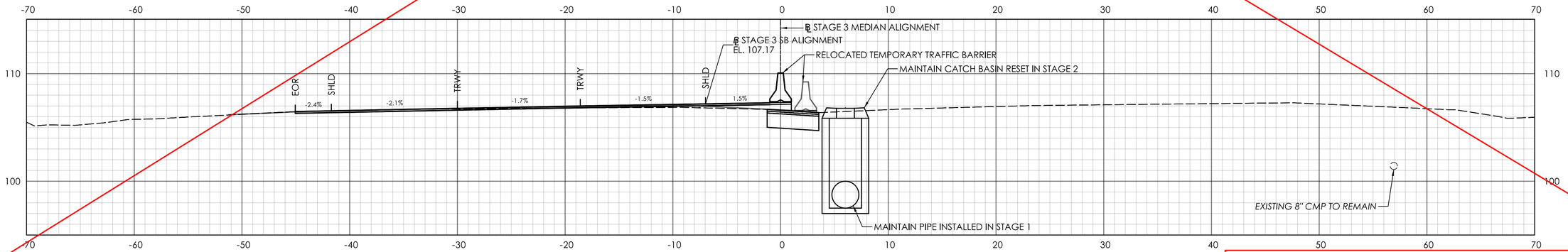
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HORIZONTAL SCALE 1" = 5' (0, 5', 10')

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

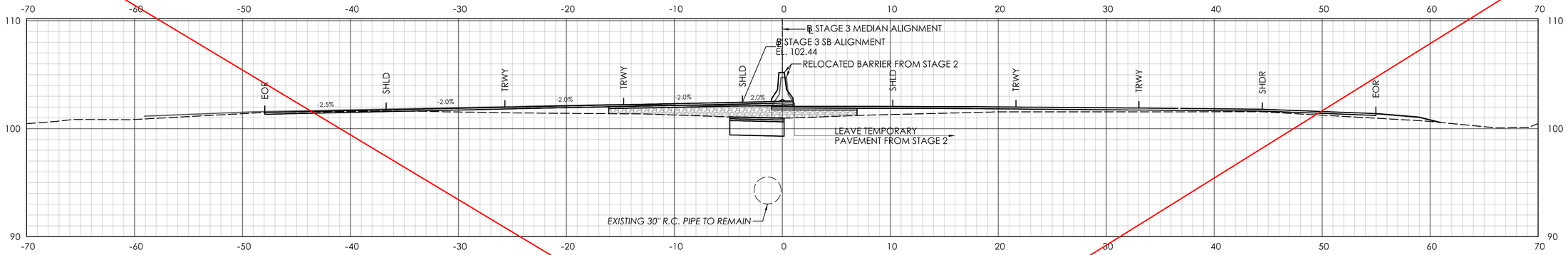
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PROJECT NO.: **0048-0200**

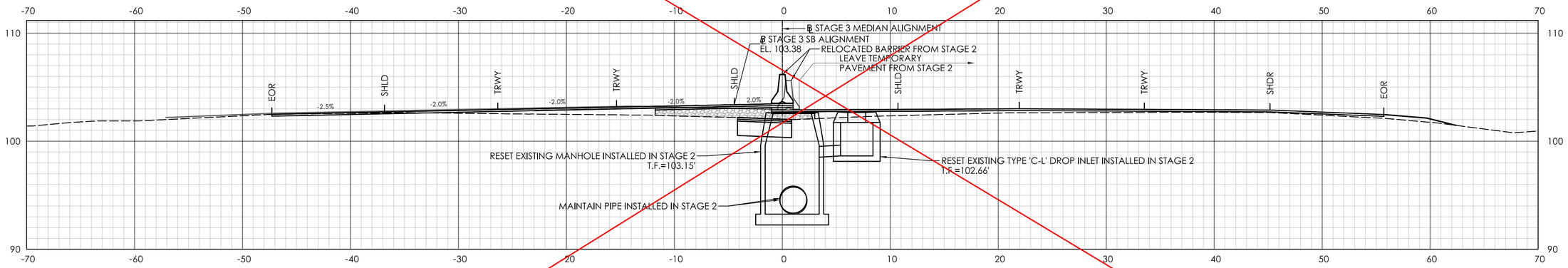
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SHEET NO.: 03.084

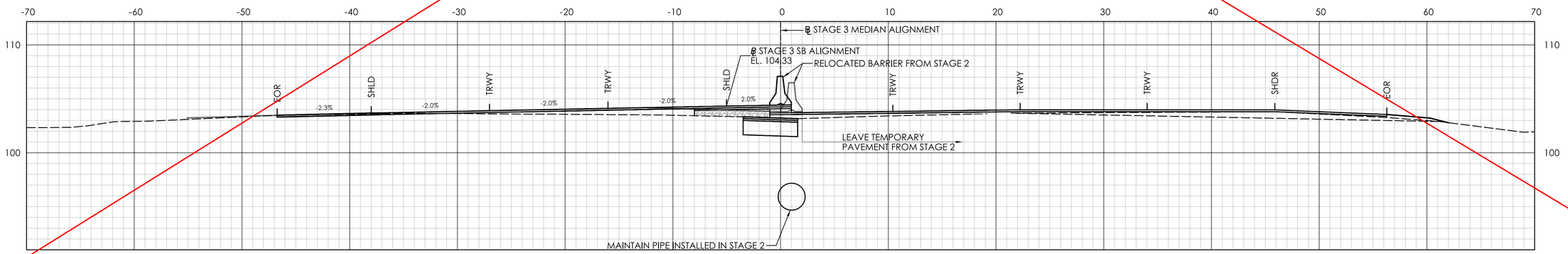
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PLOTTED DATE: 8/18/2025



STA. 307+00.00



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SIGNATURE BLOCK:

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690 Clinton Avenue
Bridgeport, CT 06604
203-696-0444
www.adicesarepc.com

DESIGNER/DRAFTER: AMW CHECKED BY: JVS

HORIZONTAL SCALE 1" = 5' (0, 5', 10')

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

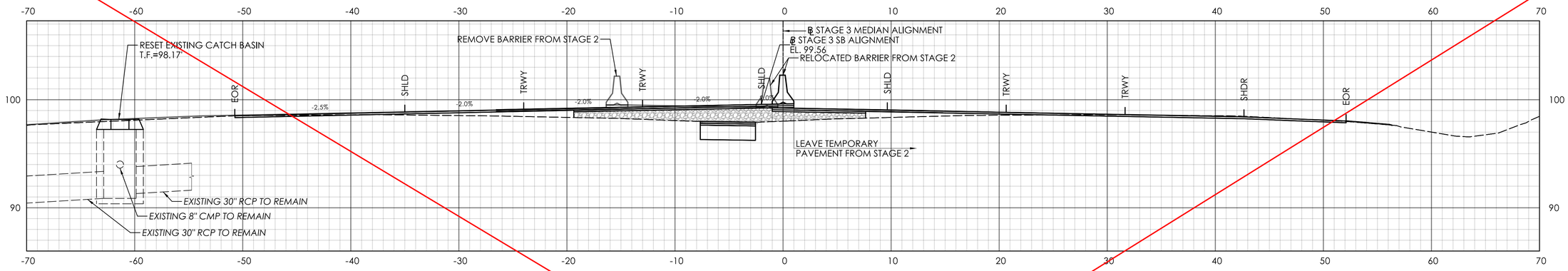
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PROJECT NO.: **0048-0200**

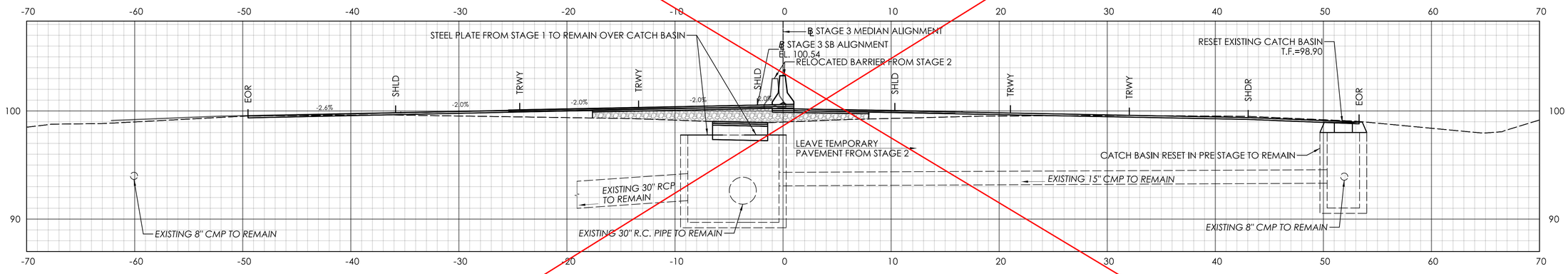
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SHEET NO.: 03.085

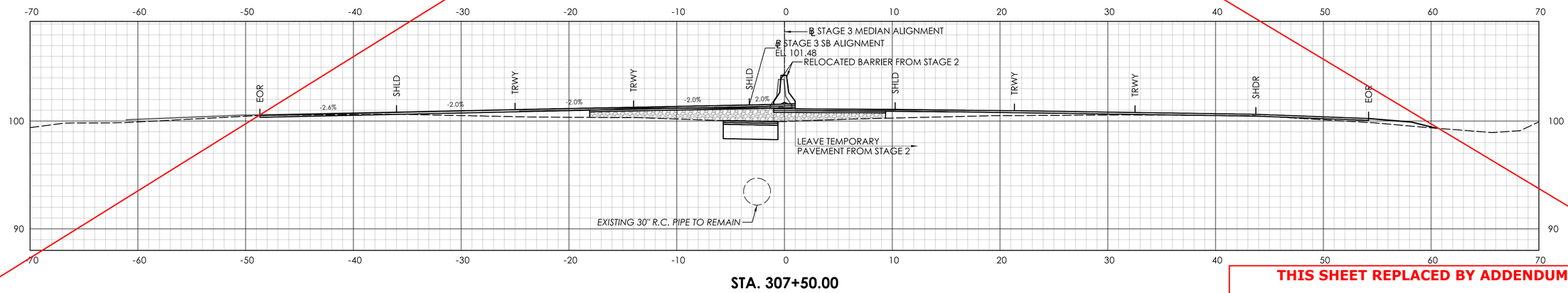
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CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

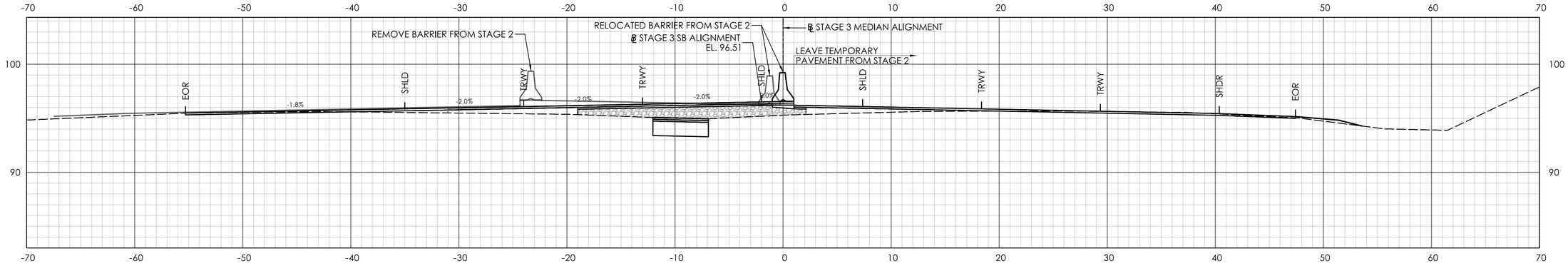
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PROJECT NO.: 0048-0200

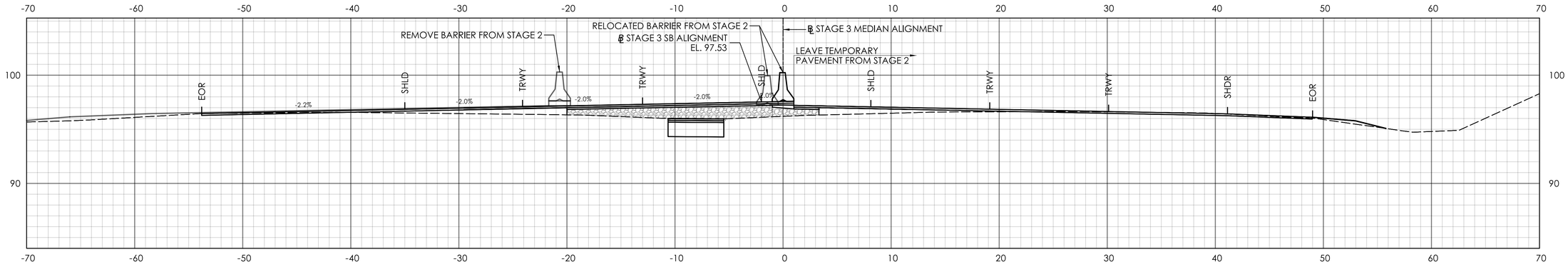
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SHEET NO.: 03.086

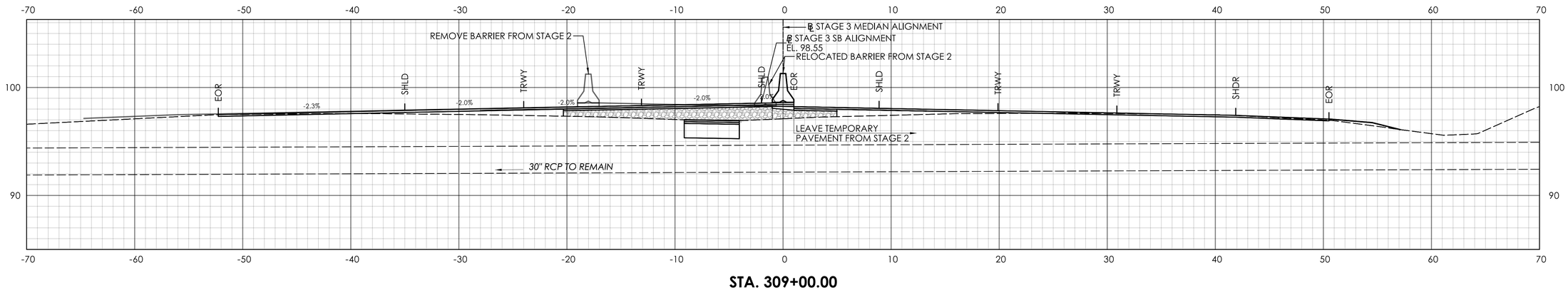
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CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

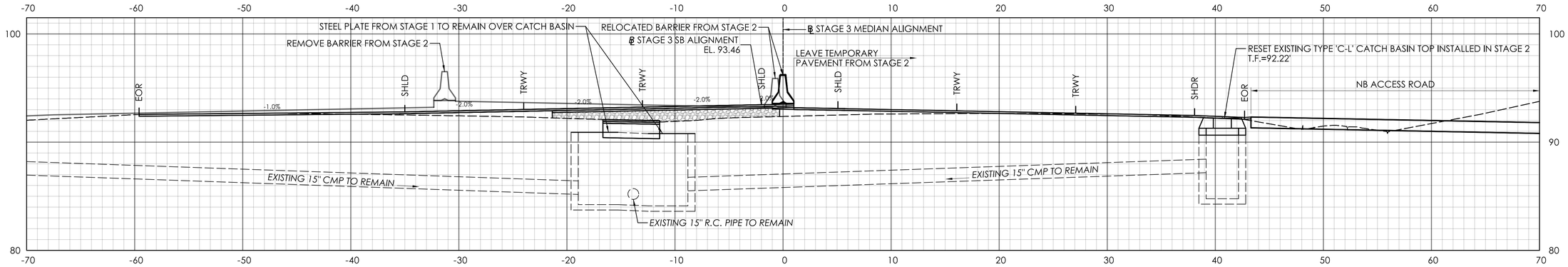
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PROJECT NO.: **0048-0200**

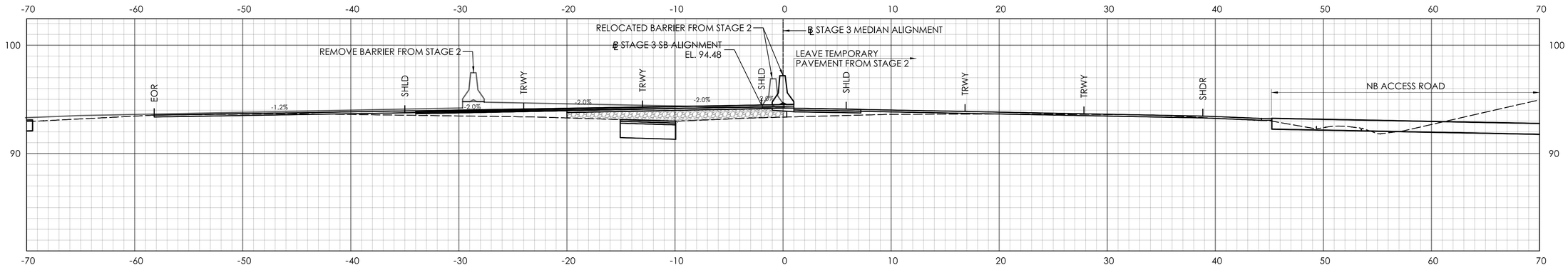
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SHEET NO.: 03.087

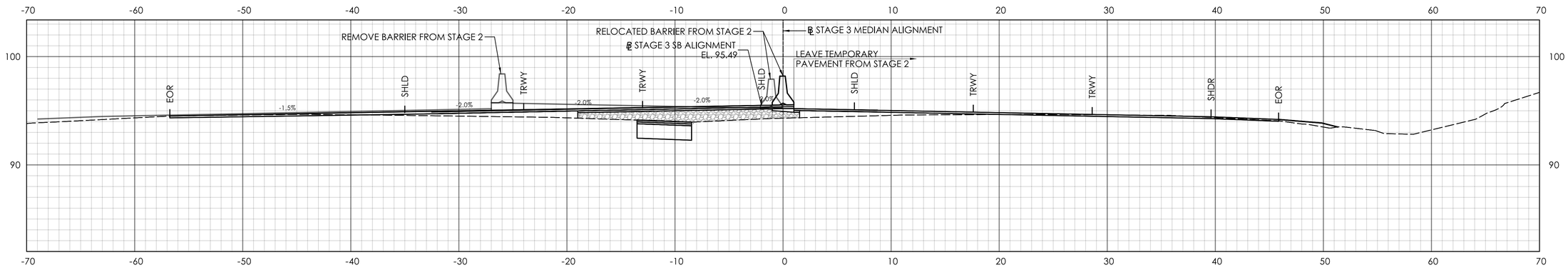
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HORIZONTAL SCALE 1" = 5' (0, 5', 10')

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

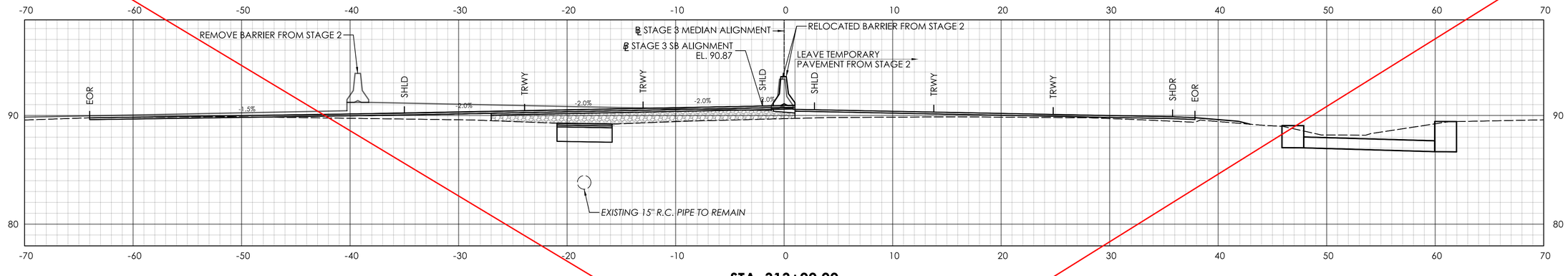
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PROJECT NO.: **0048-0200**

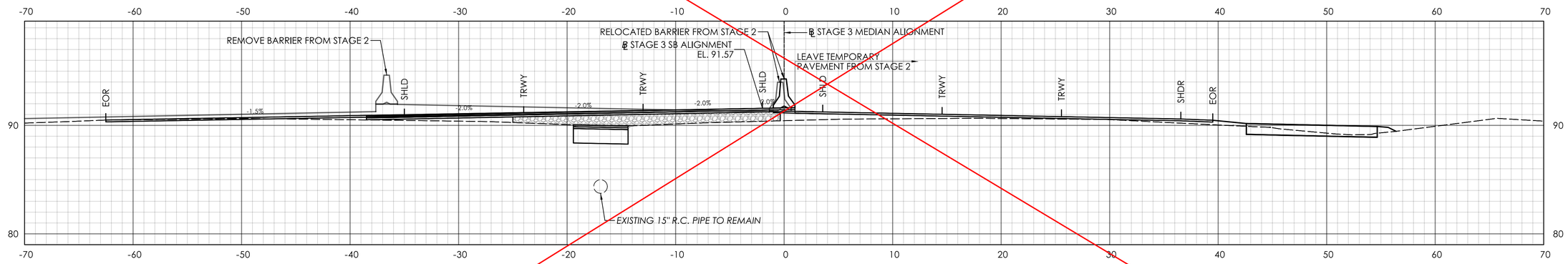
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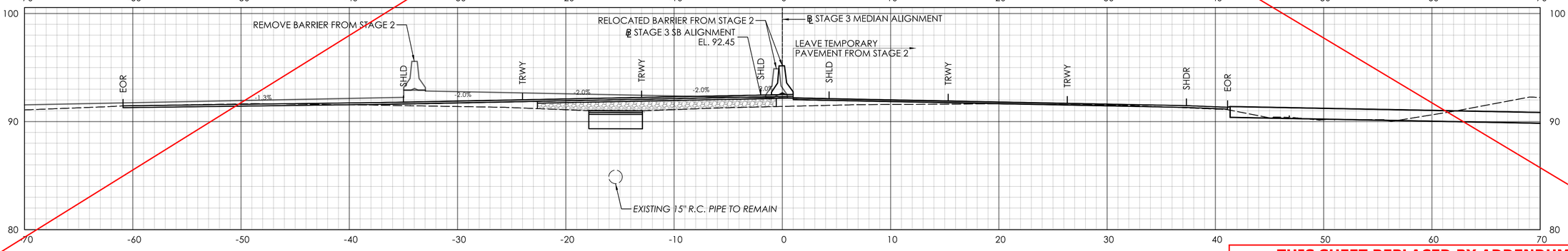
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PLOTTED DATE: 8/18/2025



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CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

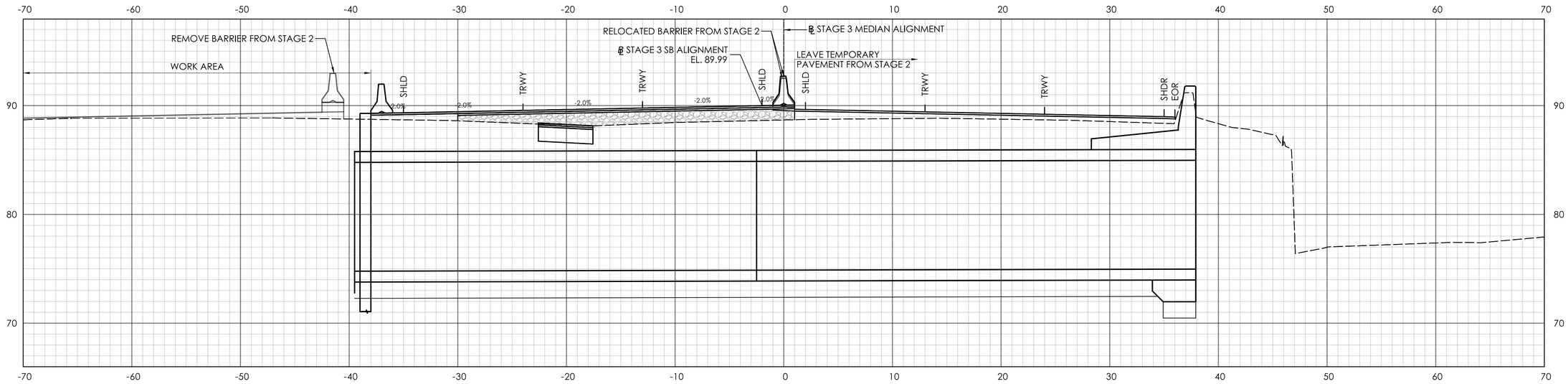
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PROJECT NO.: **0048-0200**

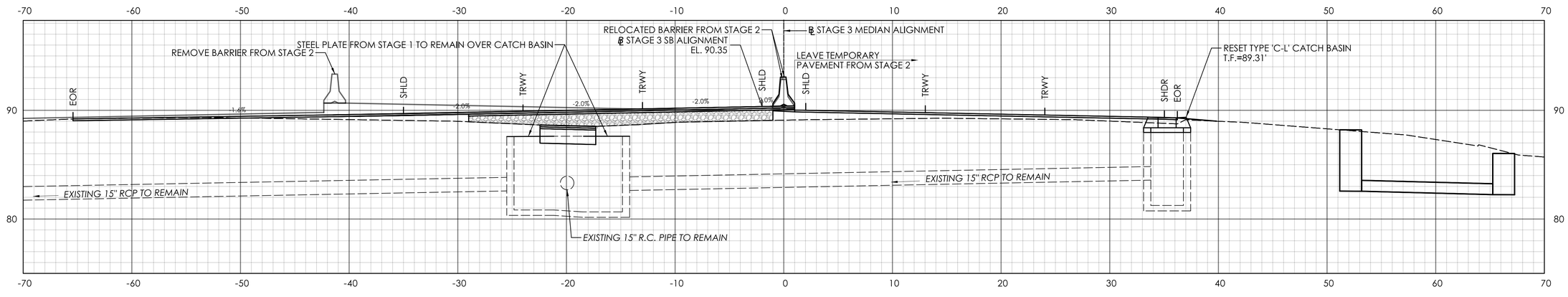
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LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Cross Sections Stage 3.dgn
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HORIZONTAL SCALE 1" = 5' (0, 5', 10')

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

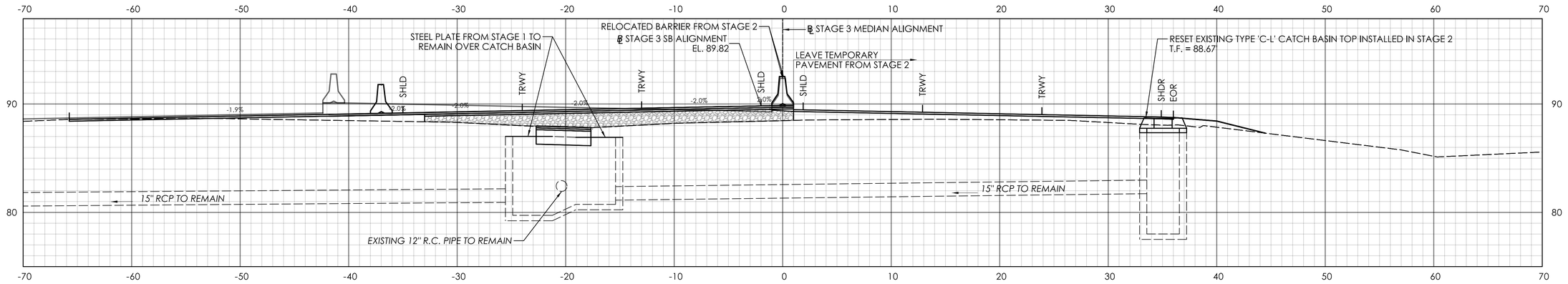
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PROJECT NO.: **0048-0200**

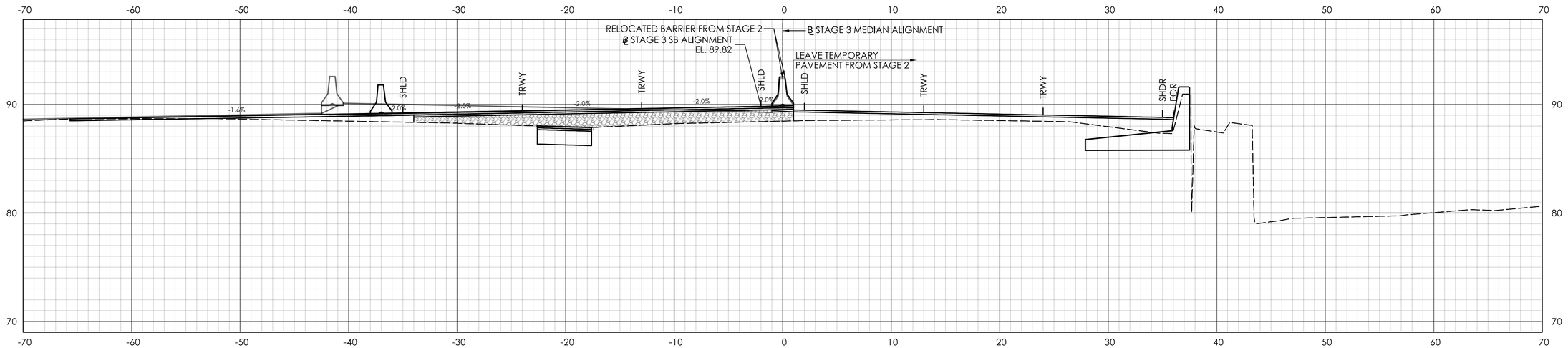
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0 5' 10'
HORIZONTAL SCALE
1" = 5'

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S):
ENFIELD

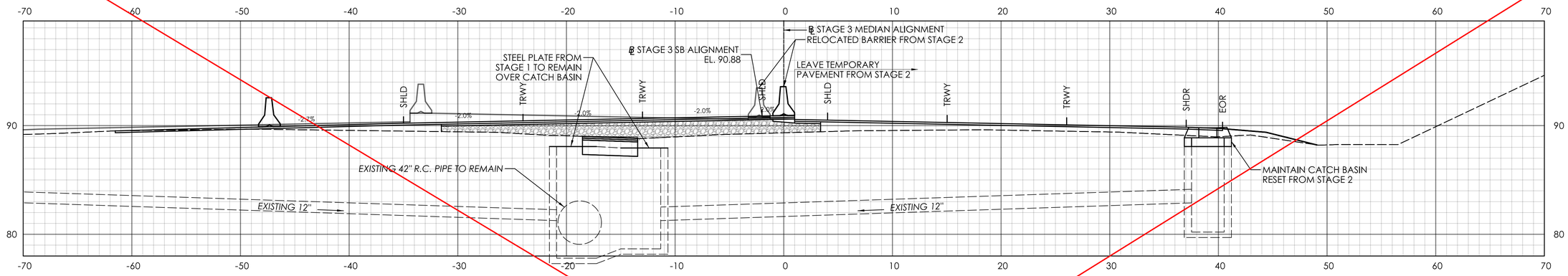
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STAGE 3 CROSS SECTIONS - 09

PROJECT NO.:
0048-0200

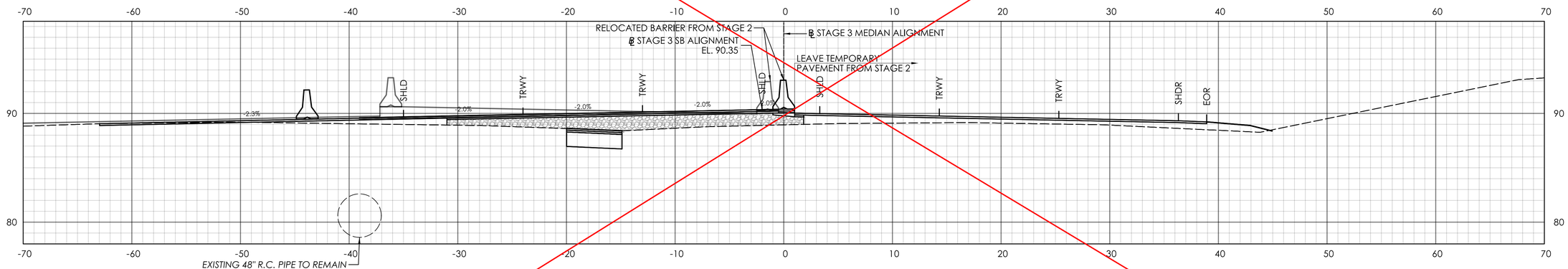
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SHEET NO.:
03.091

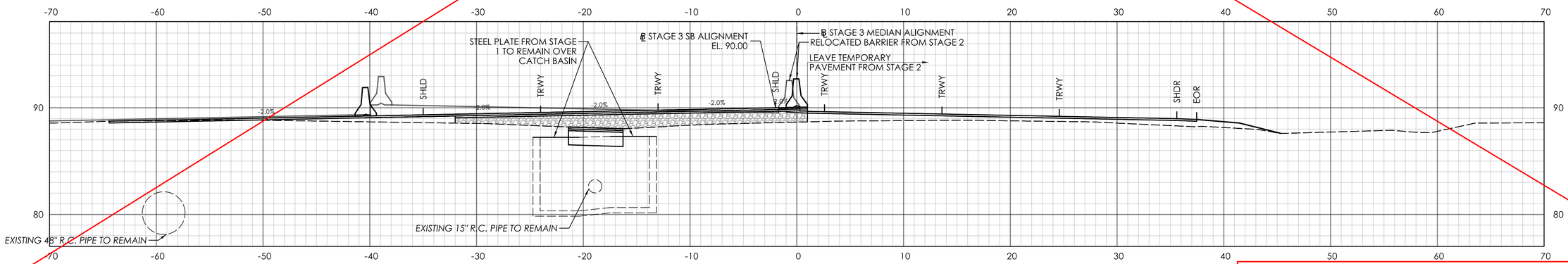
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PLOTTED DATE: 8/18/2025



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HORIZONTAL SCALE 1" = 5'

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

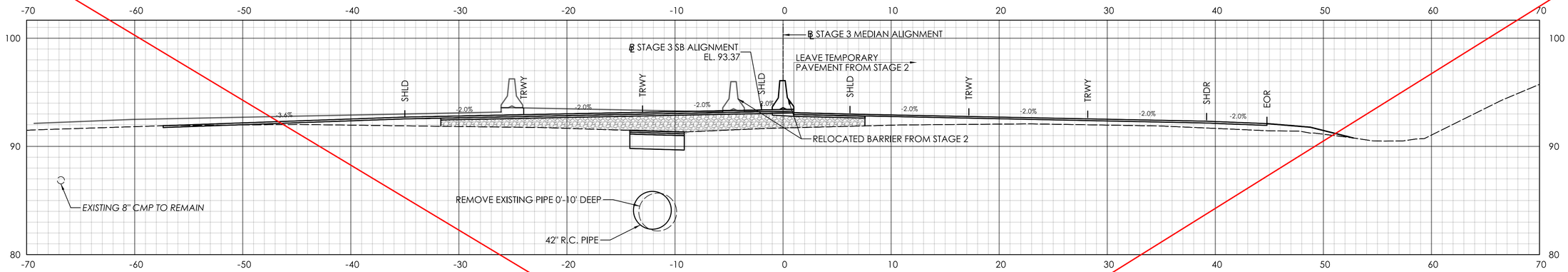
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PROJECT NO.: 0048-0200

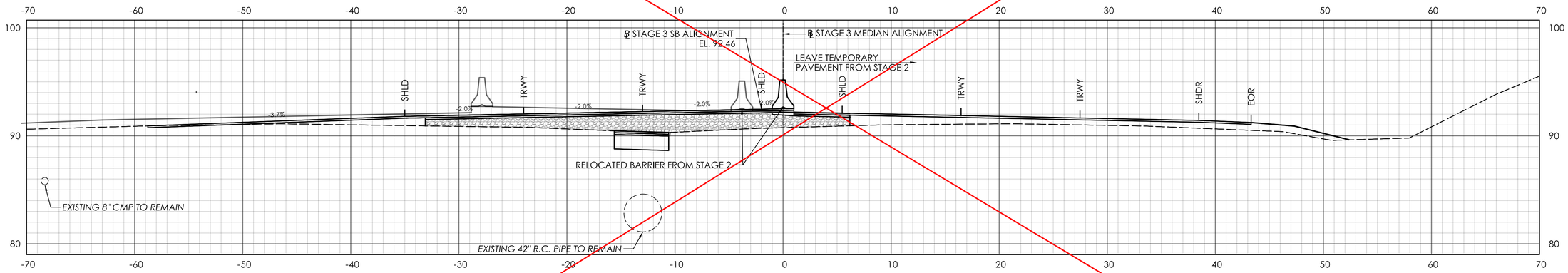
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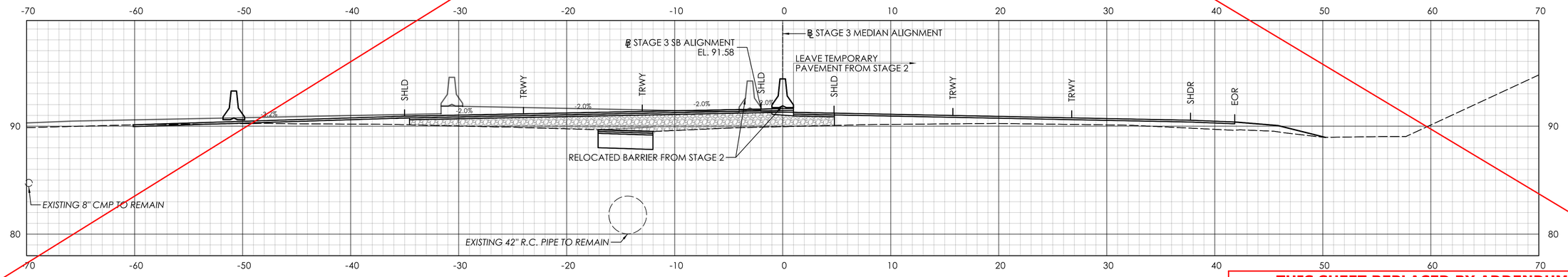
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HORIZONTAL SCALE 1" = 5'

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

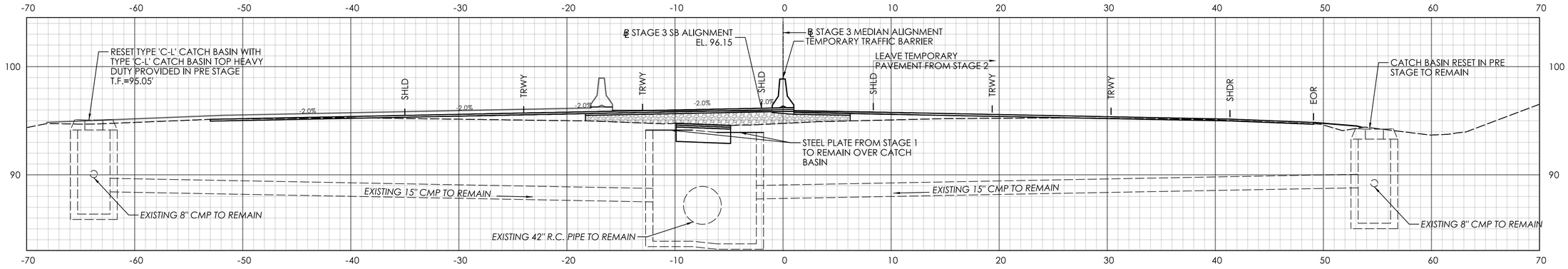
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PROJECT NO.: **0048-0200**

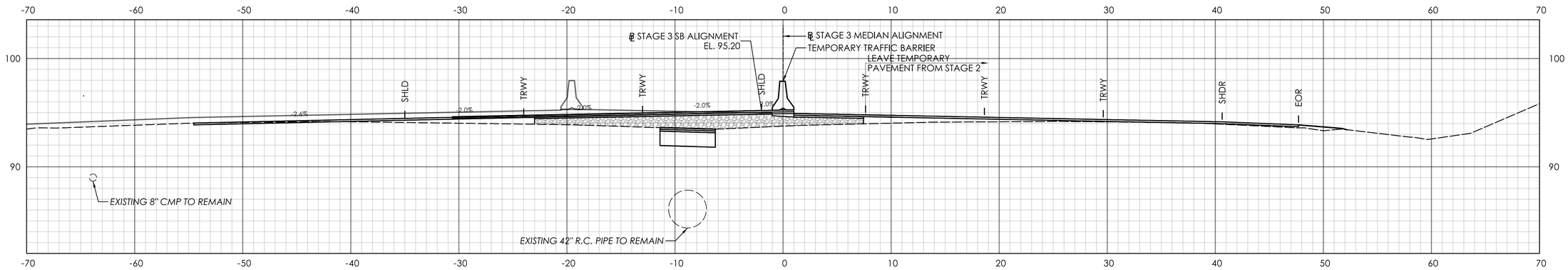
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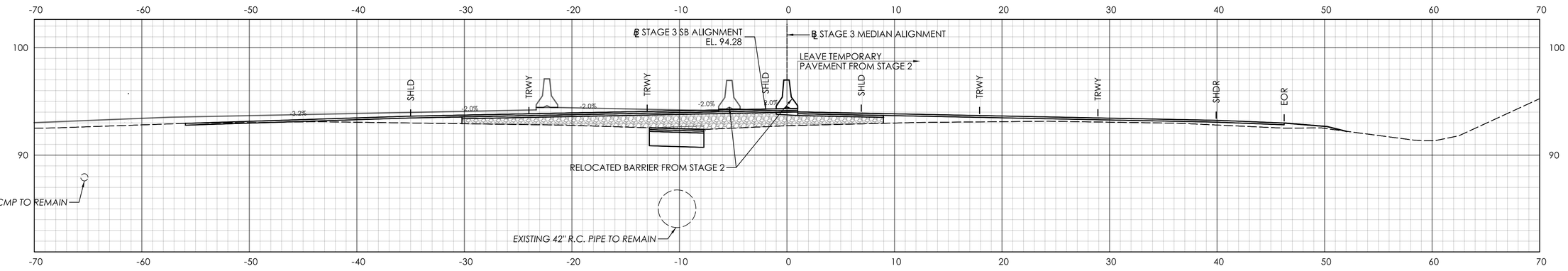
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CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

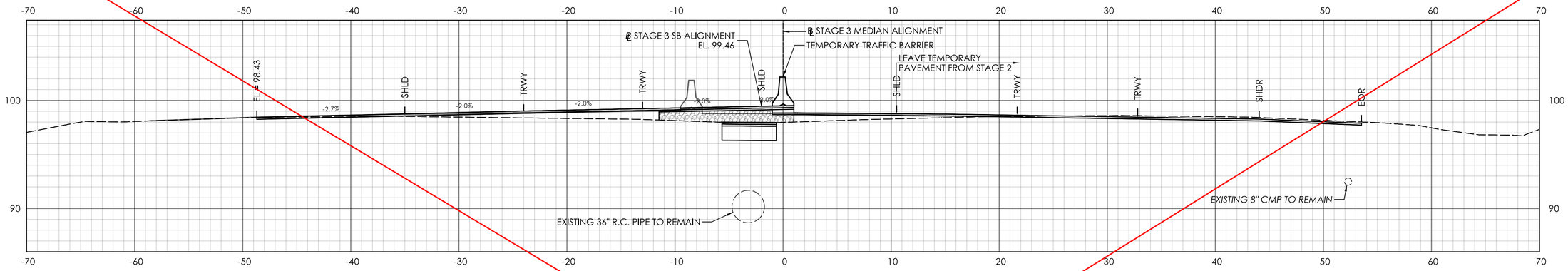
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PROJECT NO.: **0048-0200**

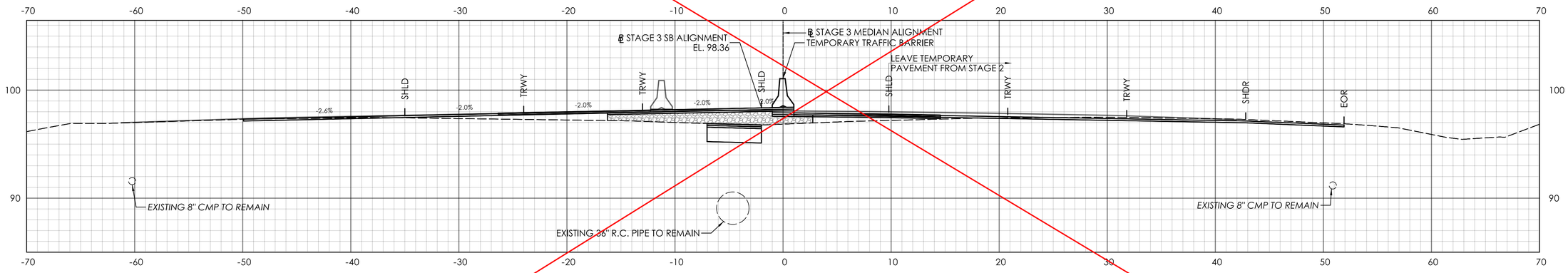
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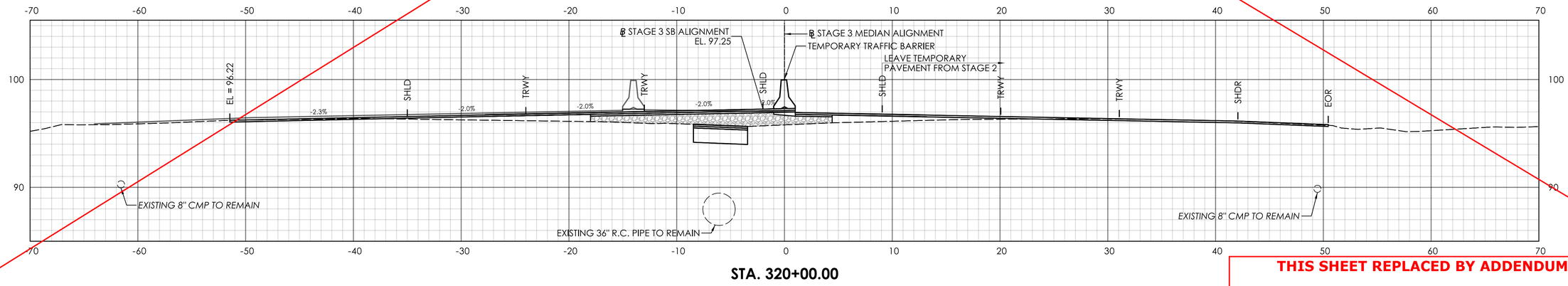
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CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

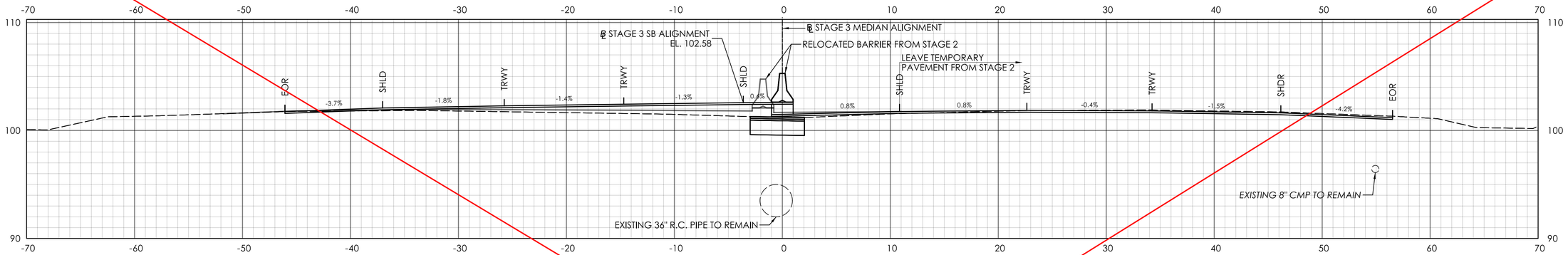
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PROJECT NO.: 0048-0200

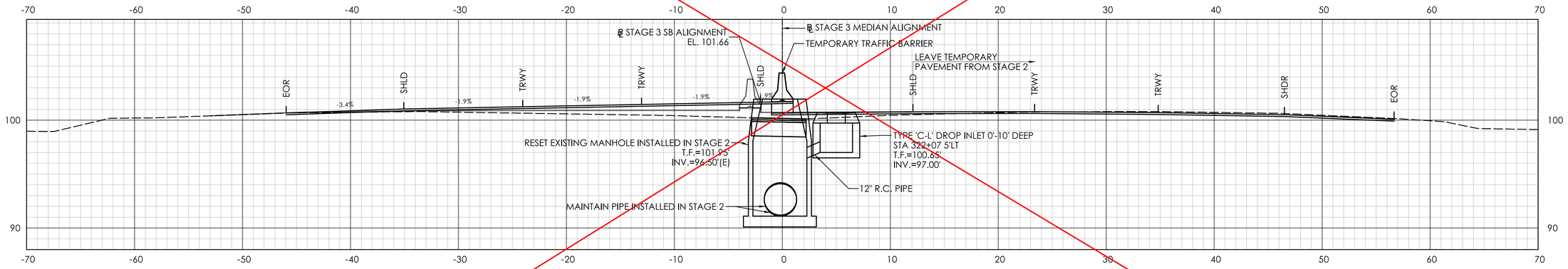
DRAWING NO.: XSC-45

SHEET NO.: 03.095

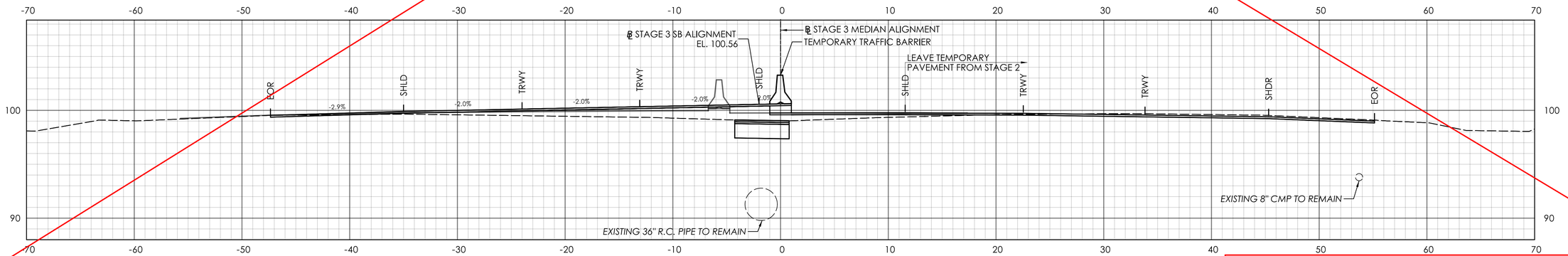
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CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

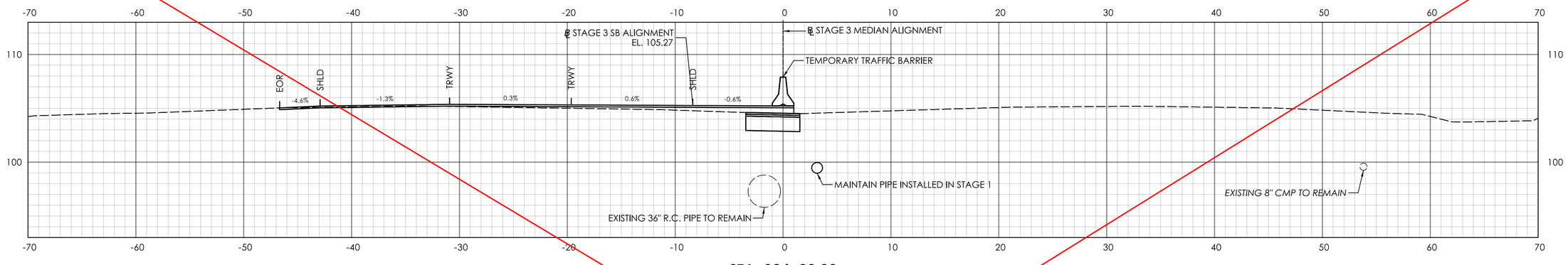
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PROJECT NO.: **0048-0200**

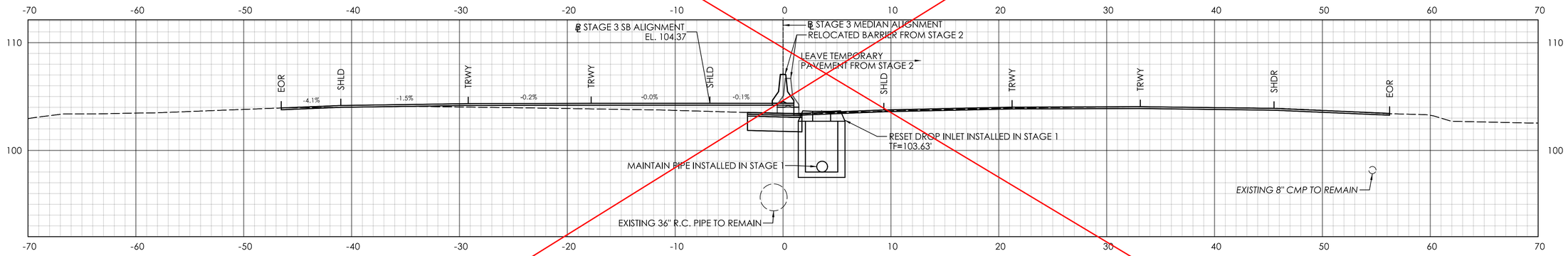
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SHEET NO.: 03.096

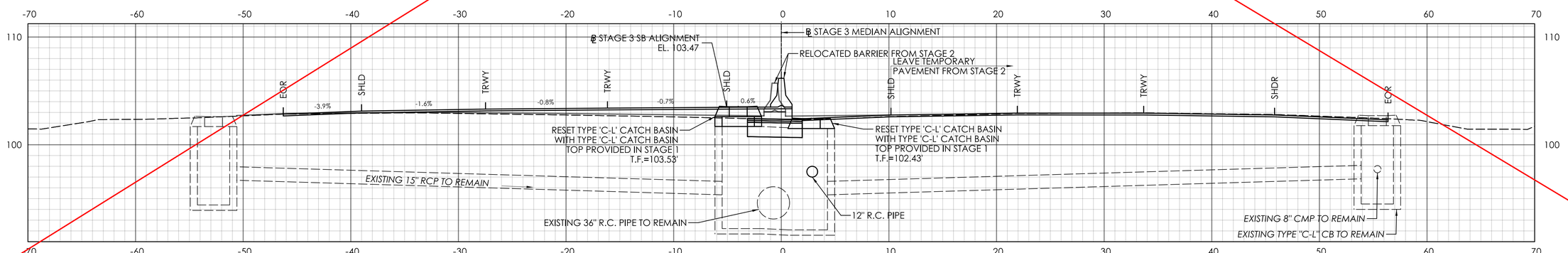
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PLOTTED DATE: 8/18/2025



STA. 324+00.00



STA. 323+50.00



STA. 323+00.00

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690 Clinton Avenue
Bridgeport, CT 06604
203-696-0444
www.adicesarepc.com

DESIGNER/DRAFTER: AMW CHECKED BY: JVS

HORIZONTAL SCALE 1" = 5'

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

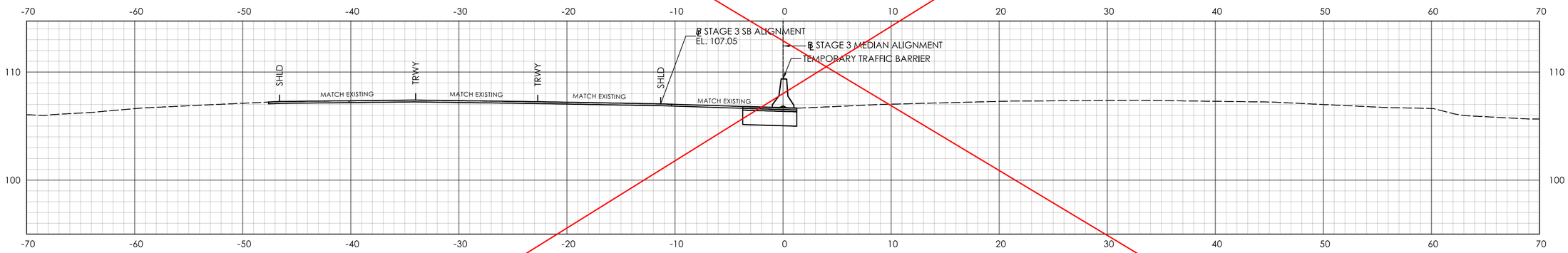
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PROJECT NO.: **0048-0200**

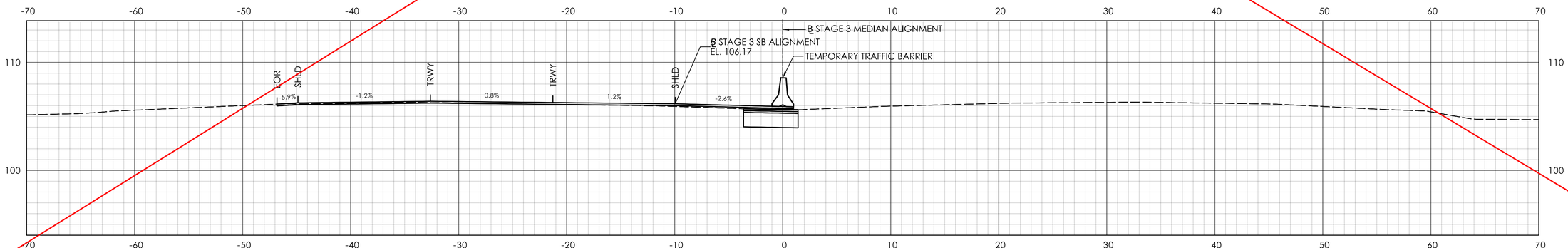
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SHEET NO.: 03.097

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Cross Sections Stage 3.dgn
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HORIZONTAL SCALE 1" = 5' (0, 5', 10')

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

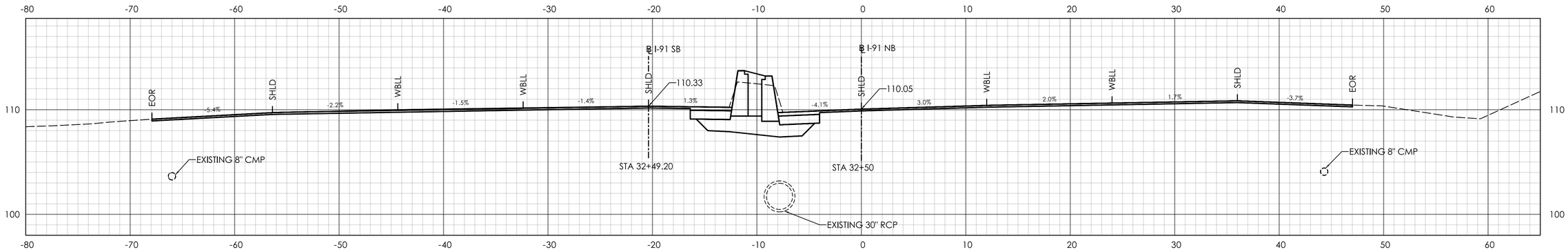
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PROJECT NO.: **0048-0200**

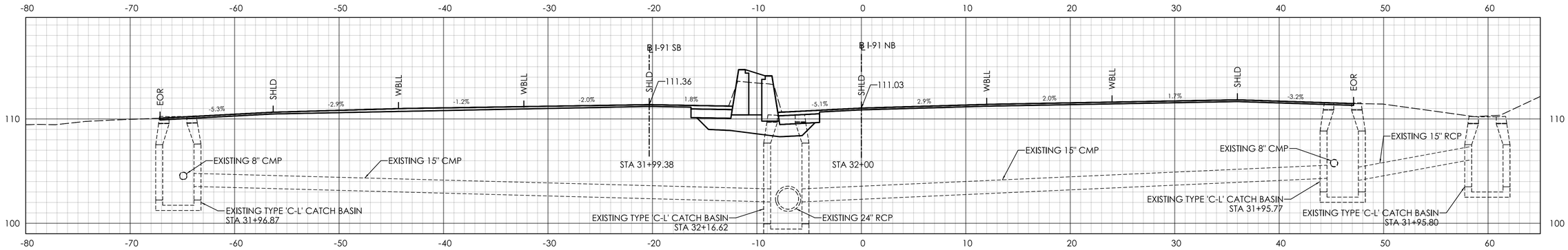
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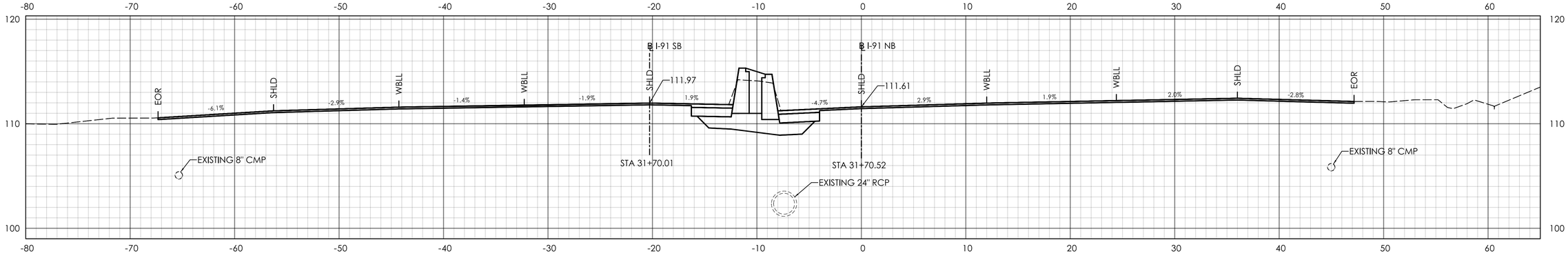
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PLOTTED DATE: 8/18/2025



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STA. 32+00.00



STA. 31+70.52

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HORIZONTAL SCALE 1" = 5' (0, 5', 10')

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

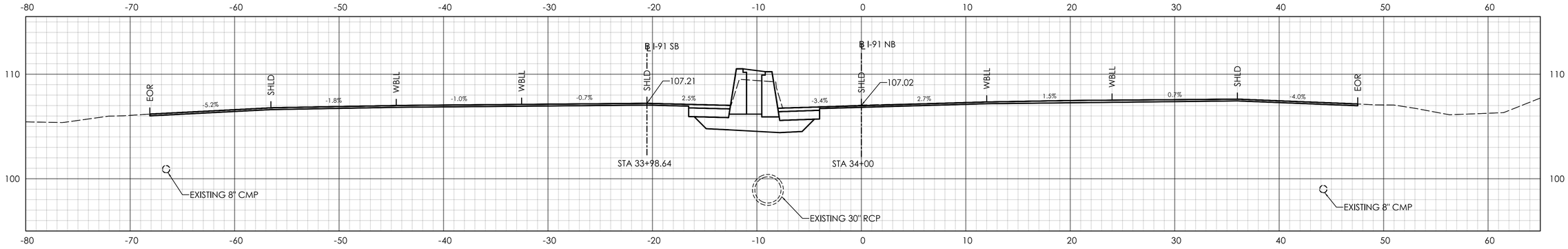
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PROJECT NO.: **0048-0200**

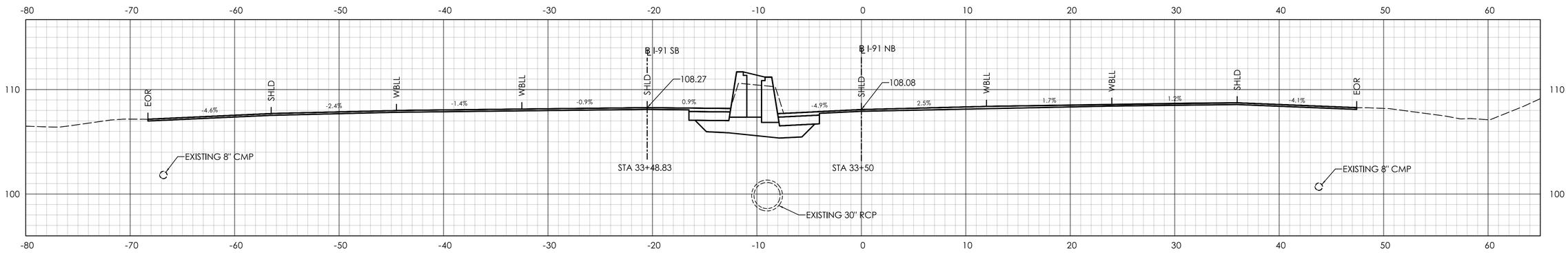
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SHEET NO.: 03.099

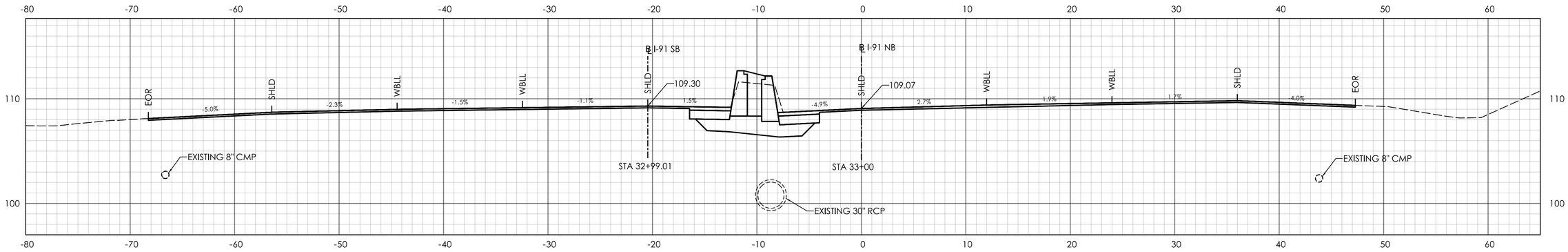
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STA. 33+50.00



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HORIZONTAL SCALE 1" = 5' (0, 5', 10')

CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S):
ENFIELD

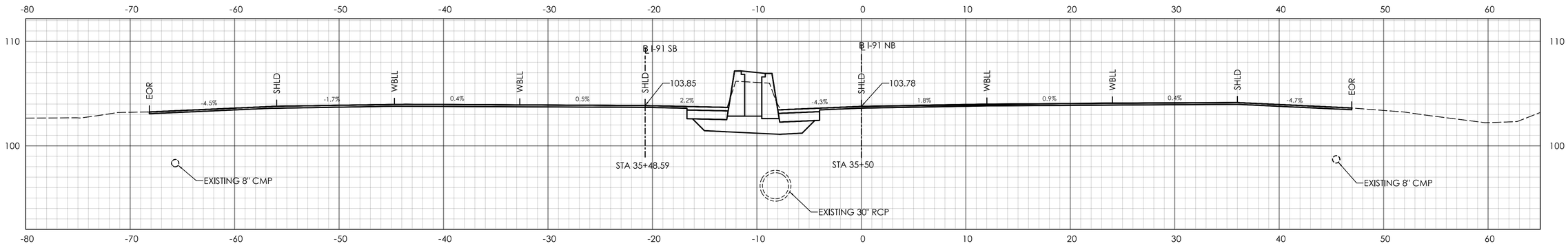
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I-91 FINAL CROSS SECTIONS - 02

PROJECT NO.: **0048-0200**

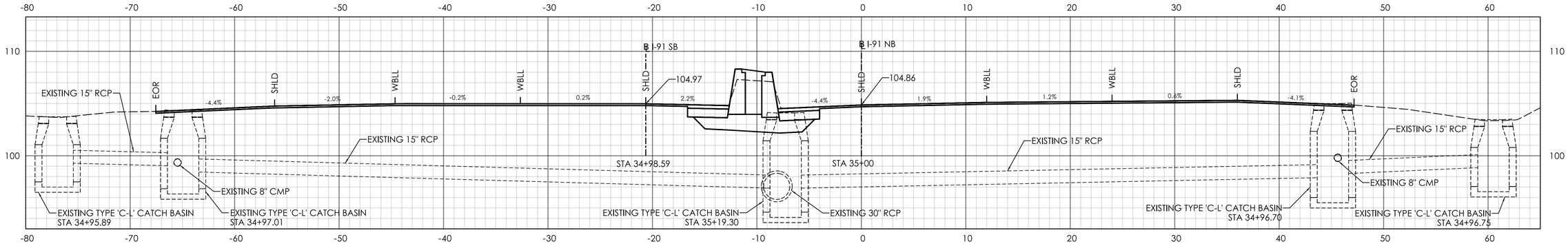
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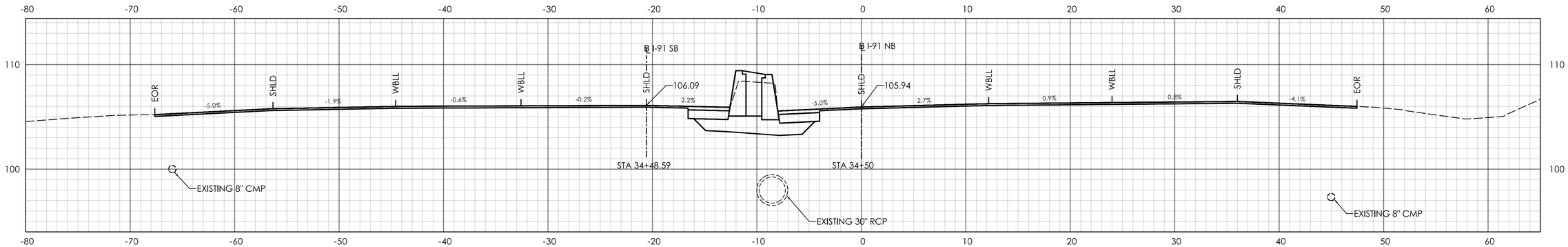
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STA. 35+00.00



STA. 34+50.00

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HORIZONTAL SCALE 1" = 5'

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

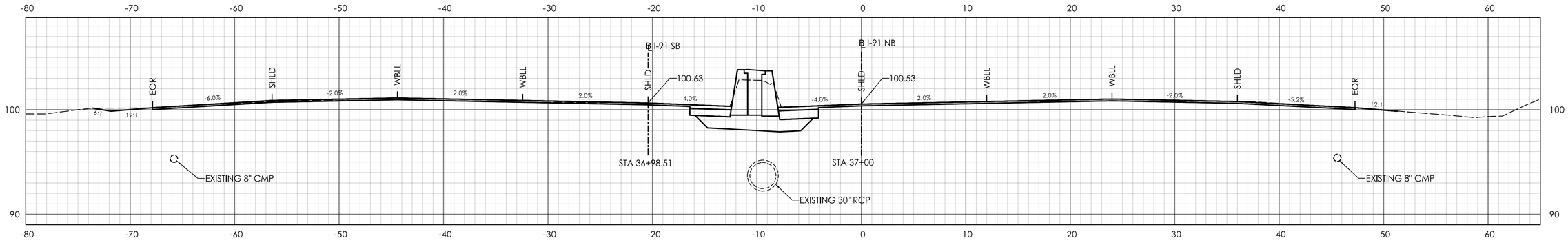
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PROJECT NO.: **0048-0200**

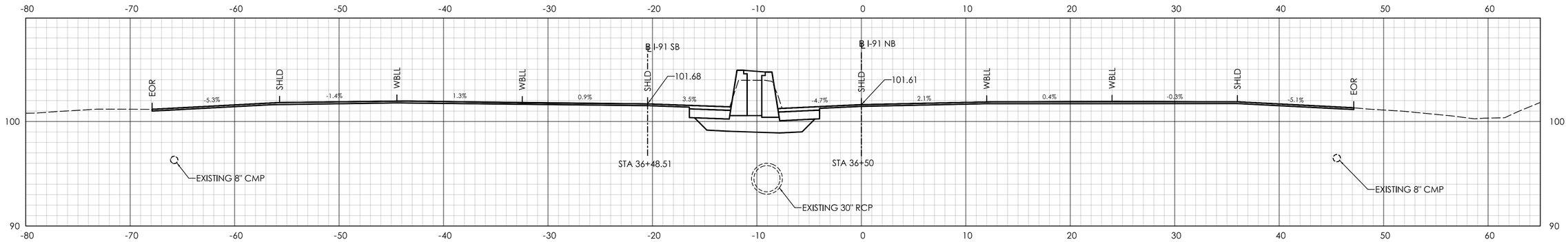
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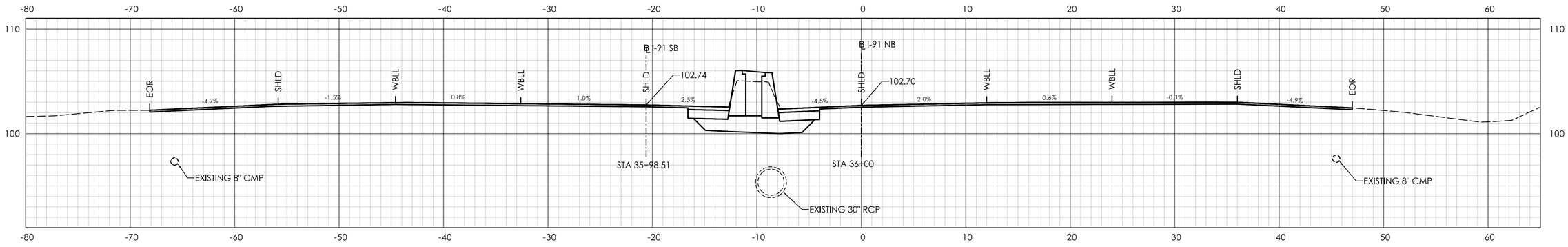
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PLOTTED DATE: 8/18/2025



STA. 37+00.00



STA. 36+50.00



STA. 36+00.00

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HORIZONTAL SCALE 1" = 5' (0, 5', 10')

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

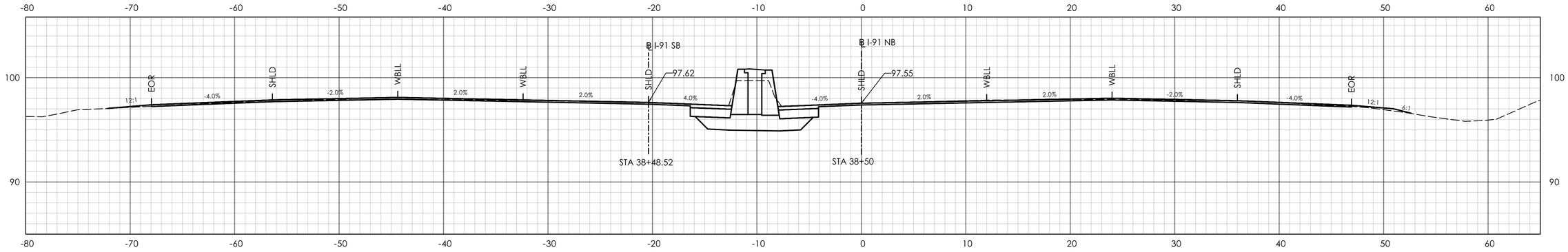
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PROJECT NO.: **0048-0200**

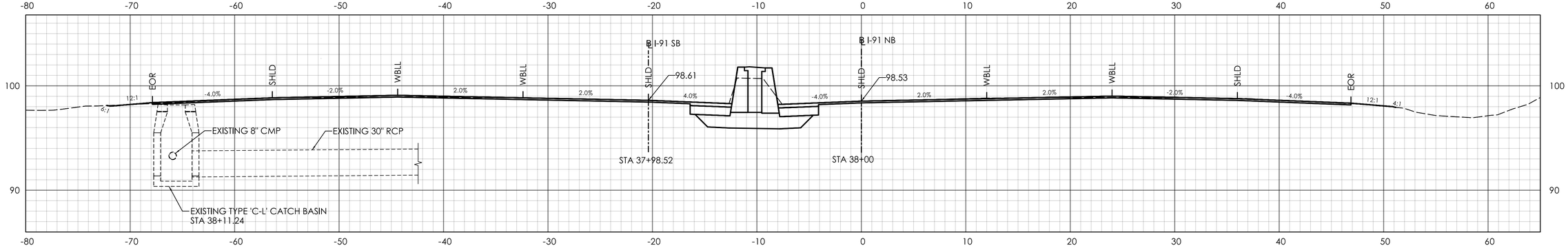
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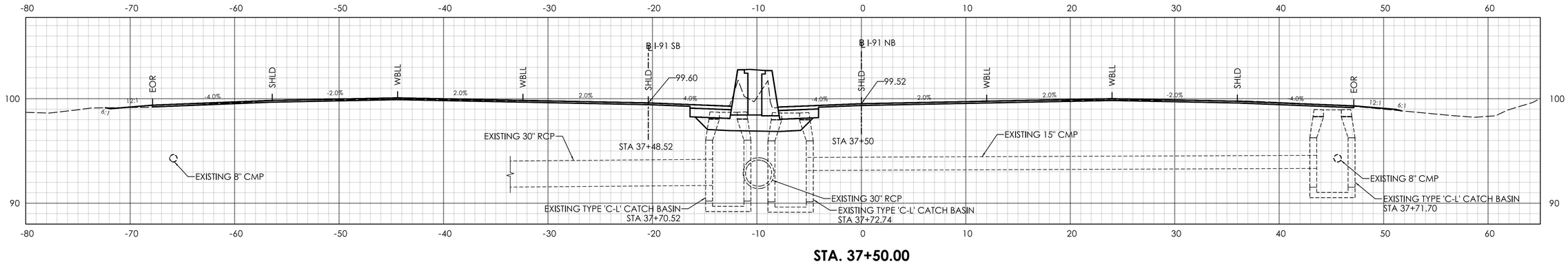
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STA. 38+50.00



STA. 38+00.00



STA. 37+50.00

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DESIGNER/DRAFTER: AMW CHECKED BY: JVS

0 5' 10'
HORIZONTAL SCALE
1" = 5'

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S):
ENFIELD

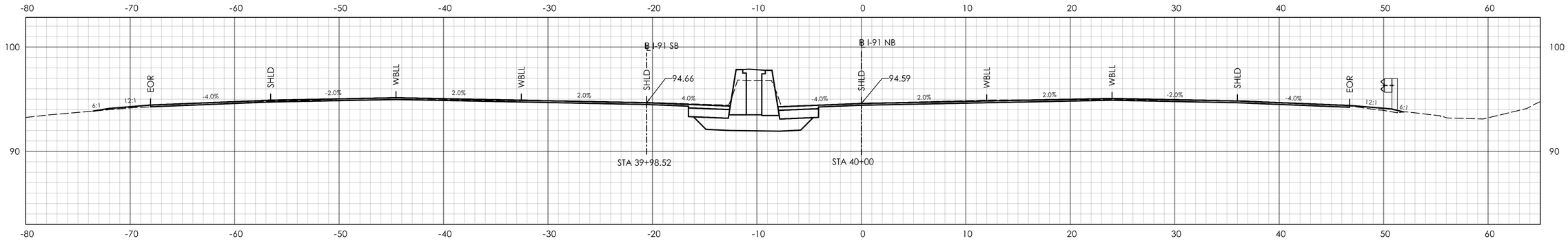
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I-91 FINAL CROSS SECTIONS - 05

PROJECT NO.:
0048-0200

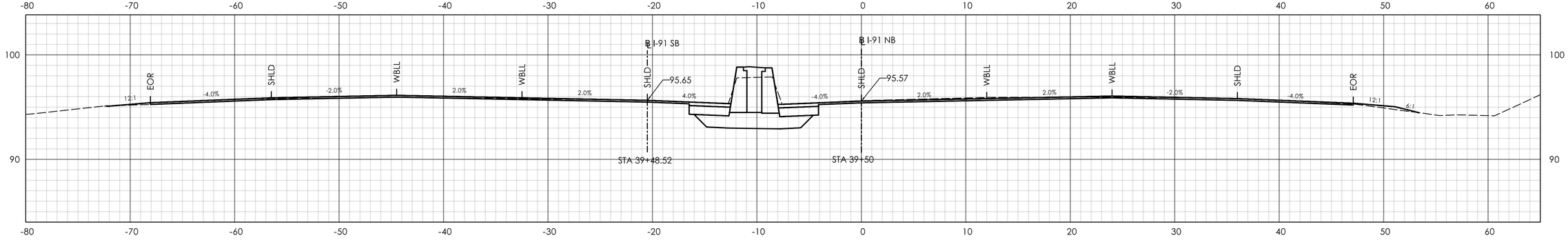
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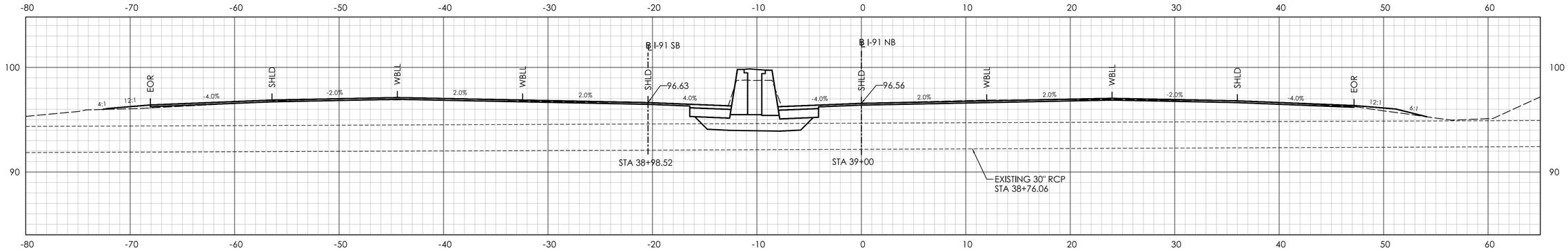
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STA. 39+50.00



STA. 39+00.00

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DESIGNER/DRAFTER: AMW CHECKED BY: JVS

HORIZONTAL SCALE 1" = 5'

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

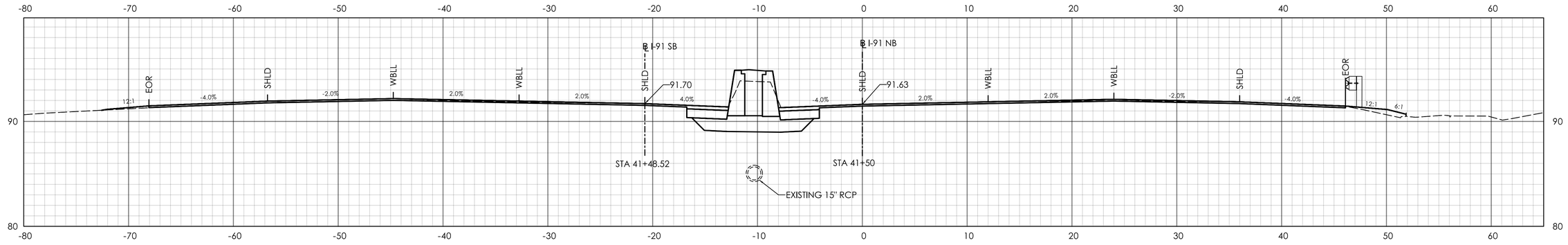
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PROJECT NO.: **0048-0200**

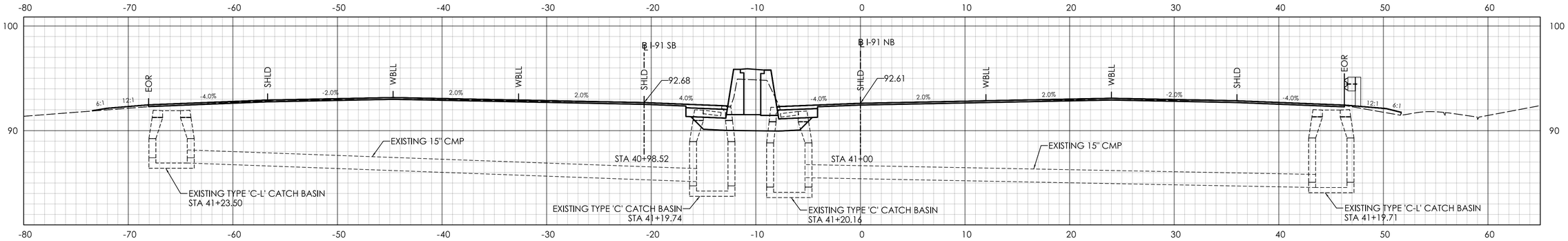
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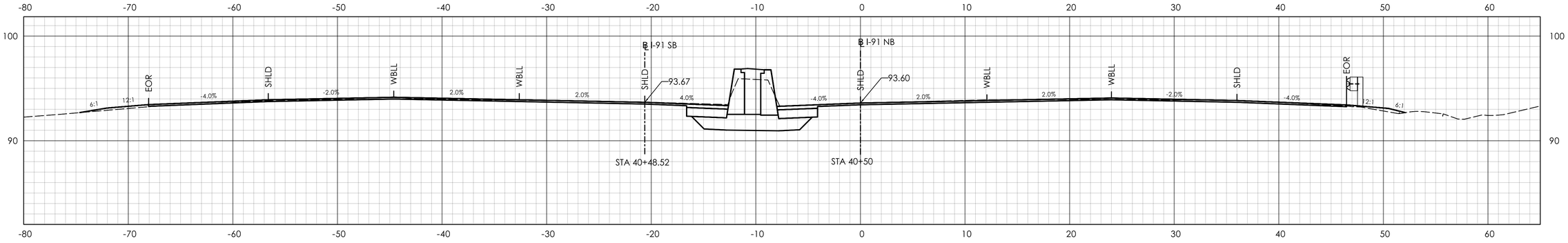
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STA. 41+00.00



STA. 40+50.00

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HORIZONTAL SCALE 1" = 5' (0, 5', 10')

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

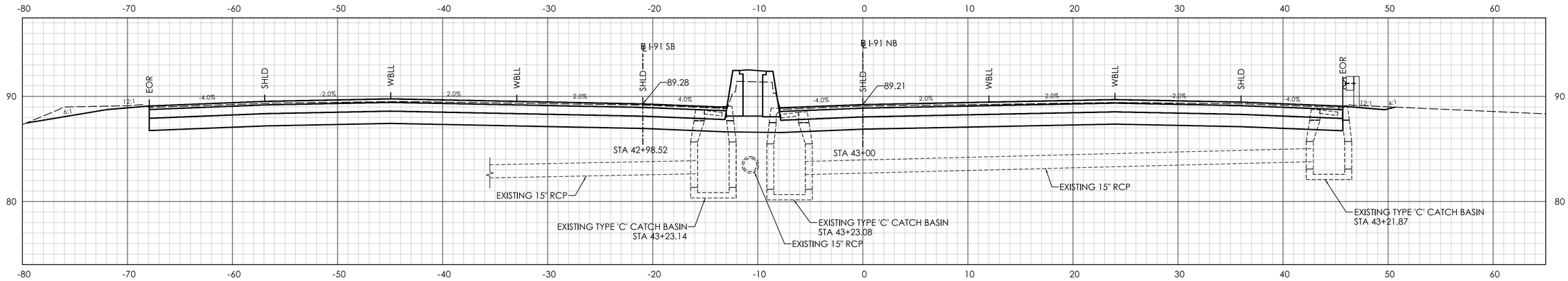
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PROJECT NO.: **0048-0200**

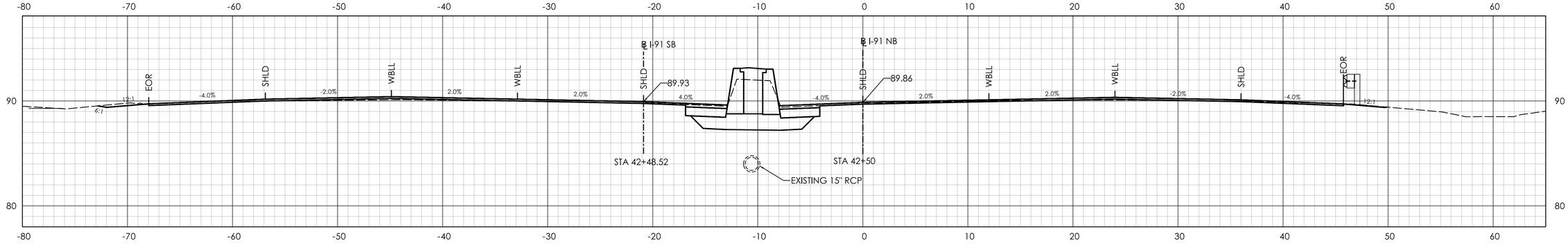
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SHEET NO.: 03.105

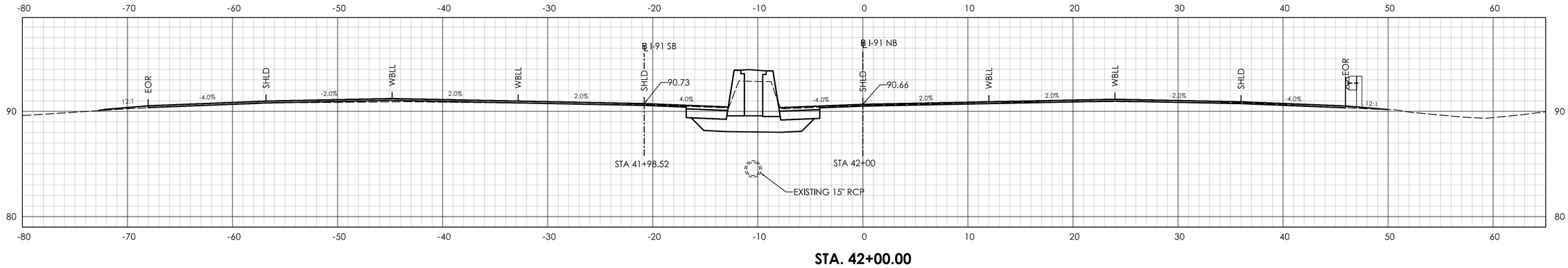
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STA. 42+50.00



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HORIZONTAL SCALE 1" = 5' (0, 5', 10')

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

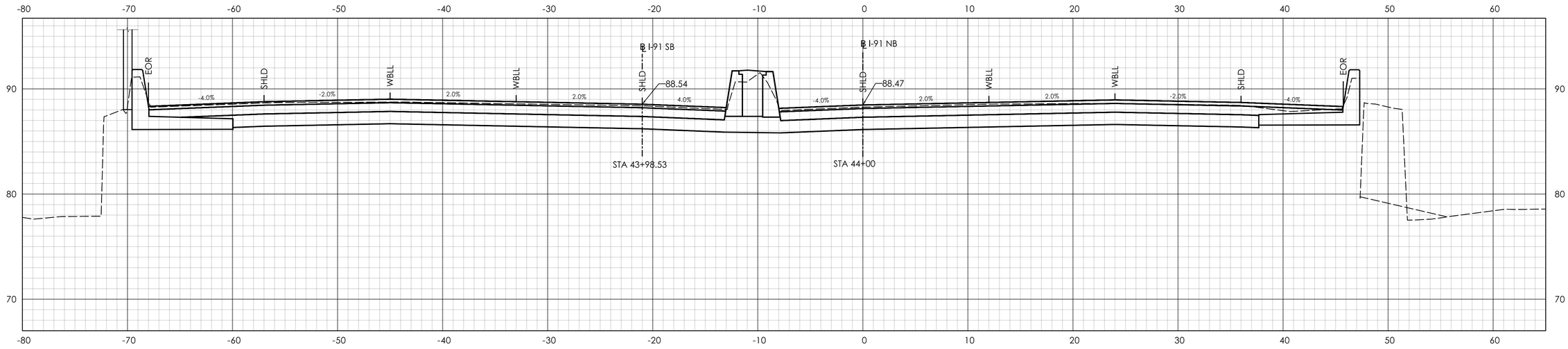
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PROJECT NO.: **0048-0200**

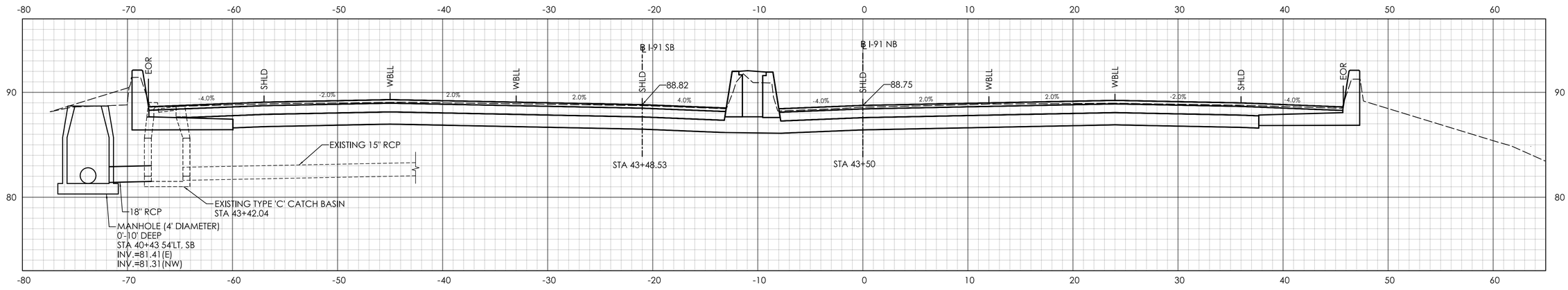
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SHEET NO.: 03.106

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STA. 43+50.00

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HORIZONTAL SCALE 1" = 5'

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PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

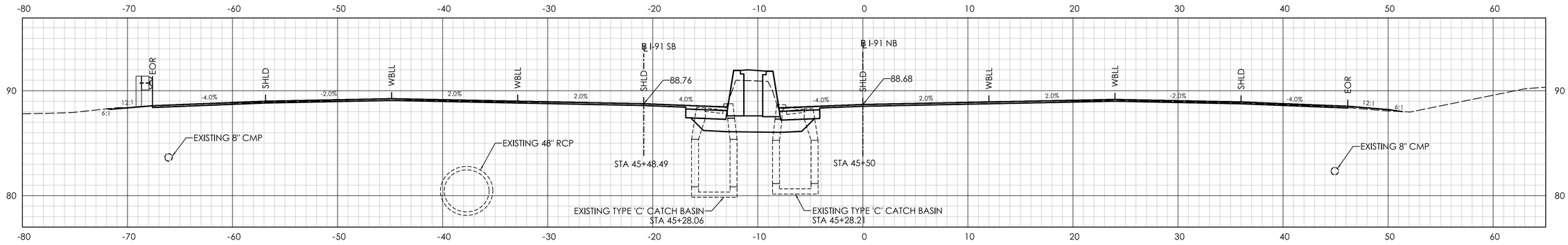
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PROJECT NO.: **0048-0200**

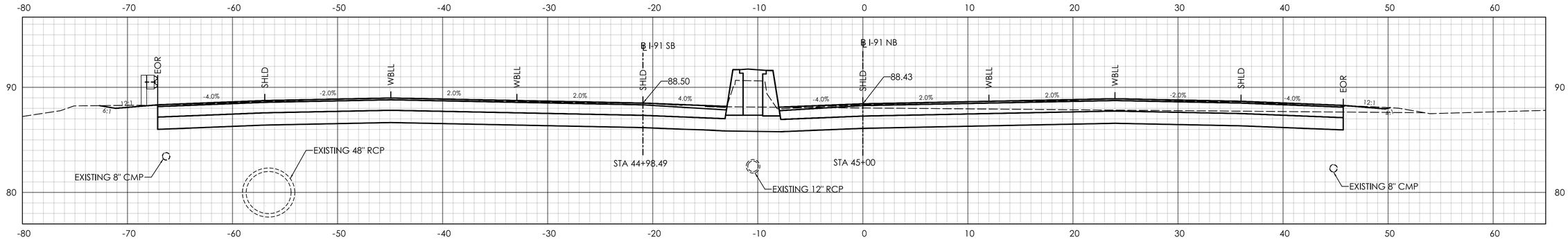
DRAWING NO.: **XSC-57**

SHEET NO.: 03.107

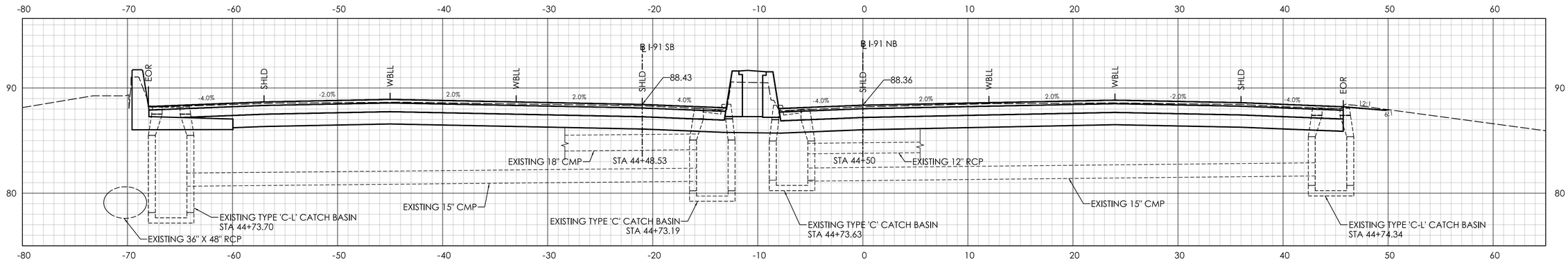
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PLOTTED DATE: 8/18/2025



STA. 45+50.00



STA. 45+00.00



STA. 44+50.00

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

ADA A.DiCesare Associates, P.C.
690 Clinton Avenue
Bridgeport, CT 06604
203-696-0444
www.adicesarepc.com

DESIGNER/DRAFTER: AMW CHECKED BY: JVS

0 5' 10'
HORIZONTAL SCALE
1" = 5'

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S):
ENFIELD

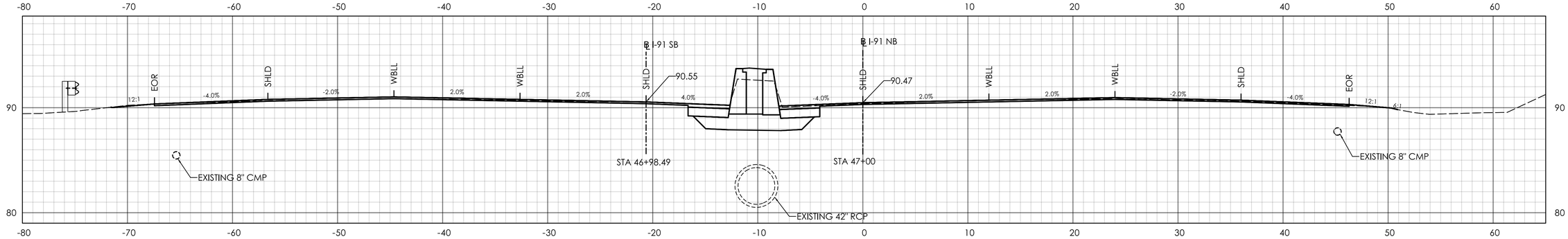
DRAWING TITLE:
I-91 FINAL CROSS SECTIONS - 10

PROJECT NO.:
0048-0200

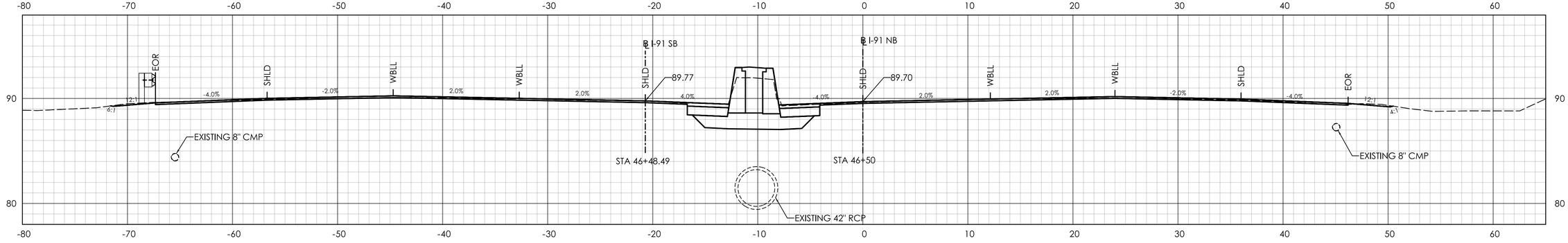
DRAWING NO.:
XSC-58

SHEET NO.:
03.108

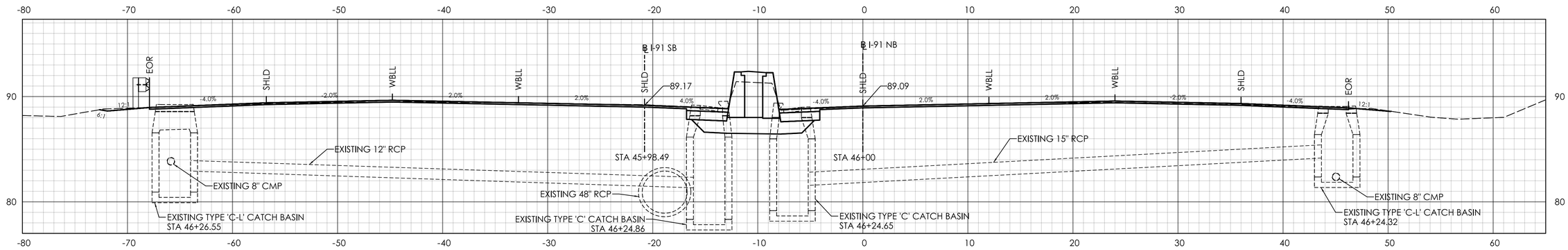
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PLOTTED DATE: 8/18/2025



STA. 47+00.00



STA. 46+50.00



STA. 46+00.00

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DESIGNER/DRAFTER: AMW CHECKED BY: JVS

HORIZONTAL SCALE 1" = 5'

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

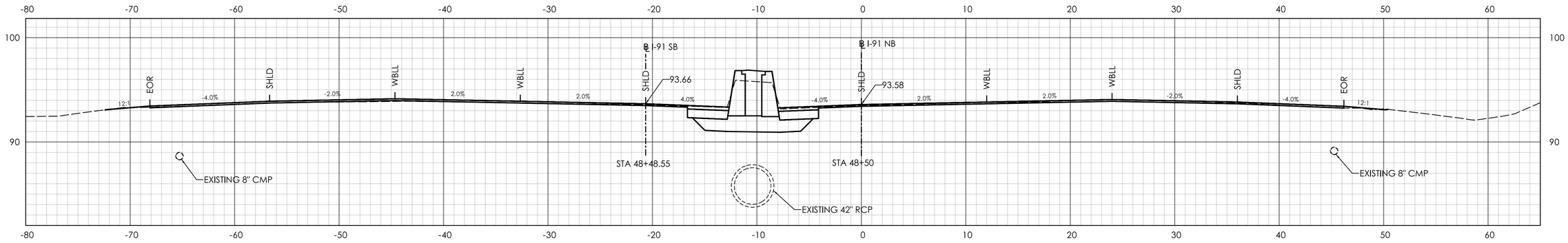
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PROJECT NO.: **0048-0200**

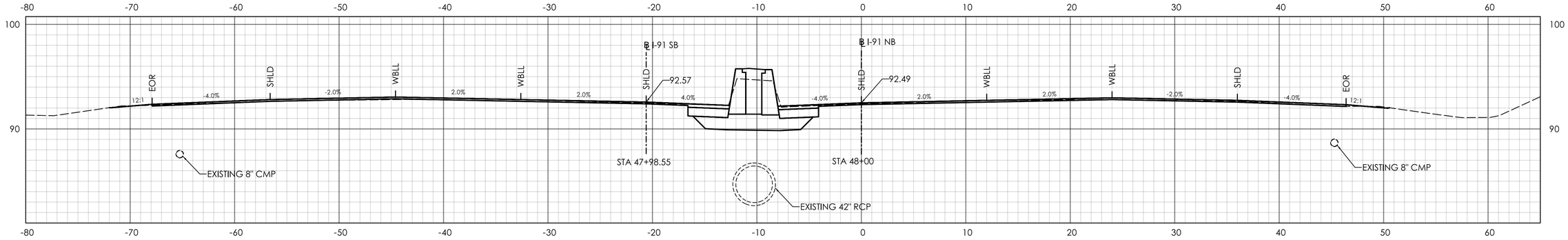
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SHEET NO.: 03.109

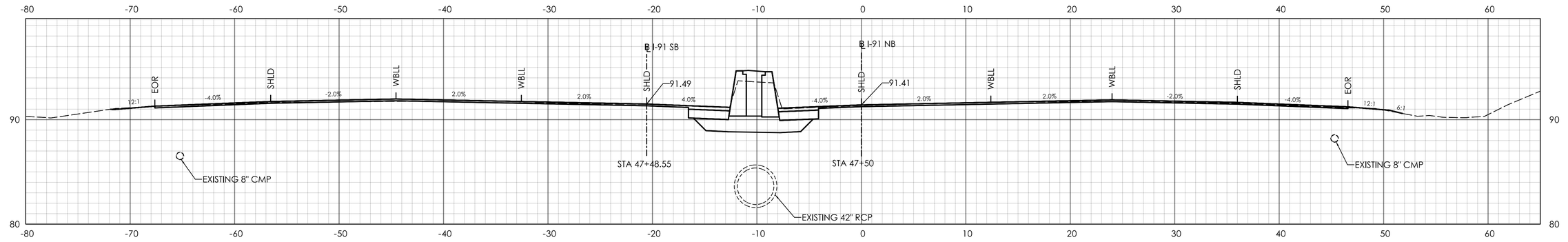
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PLOTTED DATE: 8/18/2025



STA. 48+50.00



STA. 48+00.00



STA. 47+50.00

REV.	DATE	REVISION DESCRIPTION

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HORIZONTAL SCALE 1" = 5' (0, 5', 10')

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

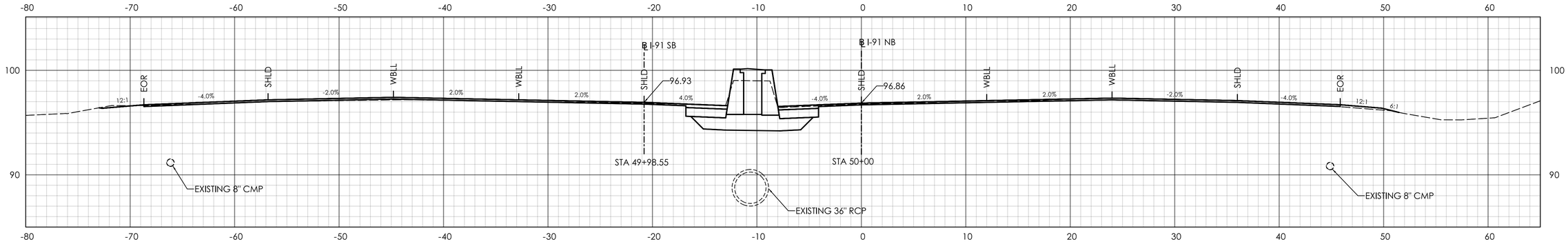
DRAWING TITLE: **I-91 FINAL CROSS SECTIONS - 12**

PROJECT NO.: **0048-0200**

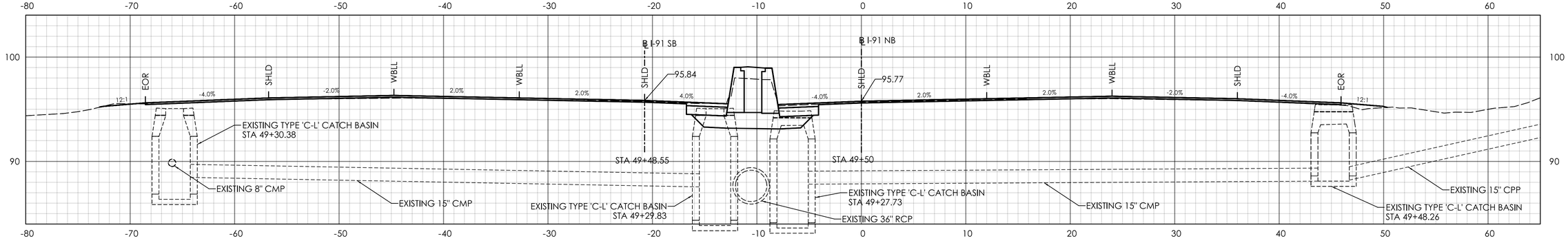
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SHEET NO.: 03.110

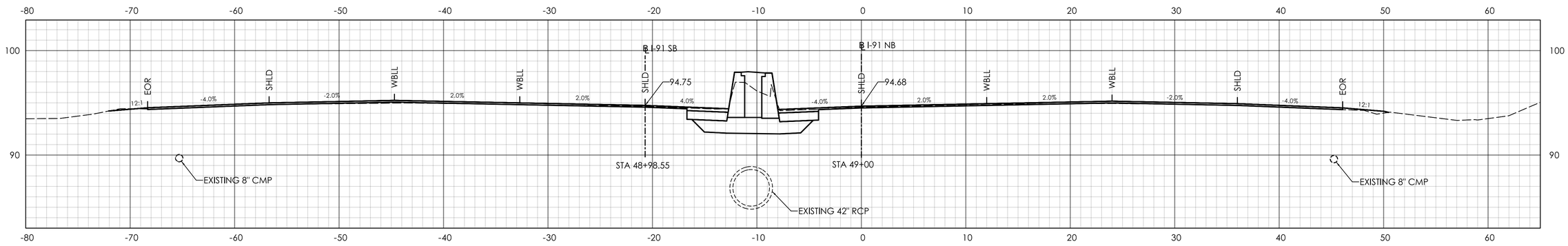
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PLOTTED DATE: 8/18/2025



STA. 50+00.00



STA. 49+50.00



STA. 49+00.00

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DESIGNER/DRAFTER: AMW CHECKED BY: JVS

0 5' 10'
HORIZONTAL SCALE
1" = 5'

CTDOT
CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S):
ENFIELD

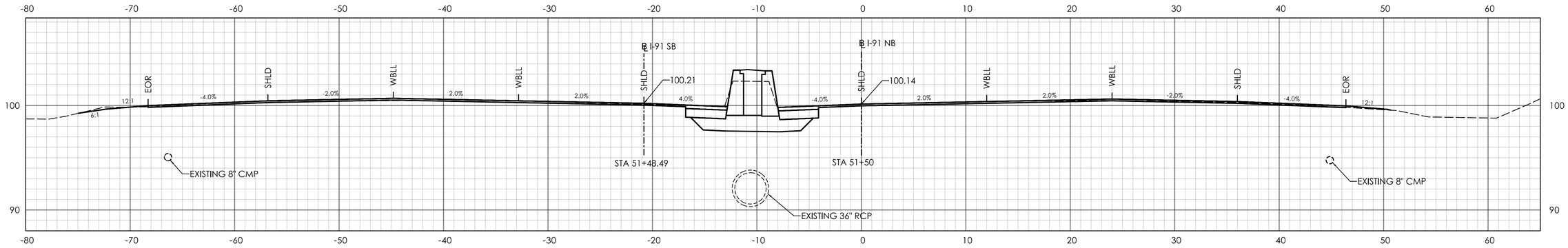
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I-91 FINAL CROSS SECTIONS - 13

PROJECT NO.:
0048-0200

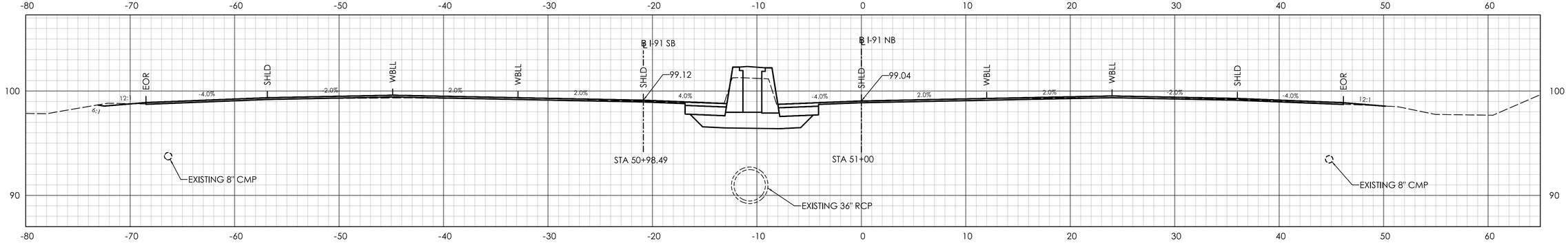
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SHEET NO.:
03.111

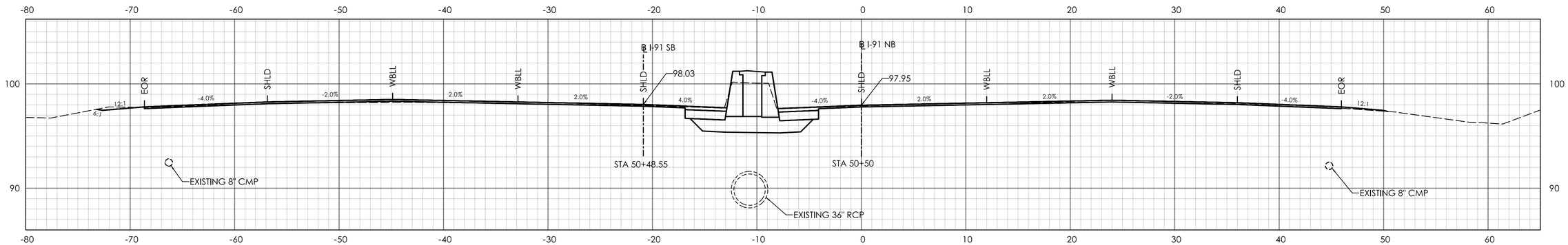
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PLOTTED DATE: 8/18/2025



STA. 51+50.00



STA. 51+00.00



STA. 50+50.00

REV.	DATE	REVISION DESCRIPTION

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HORIZONTAL SCALE 1" = 5' (0, 5', 10')

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

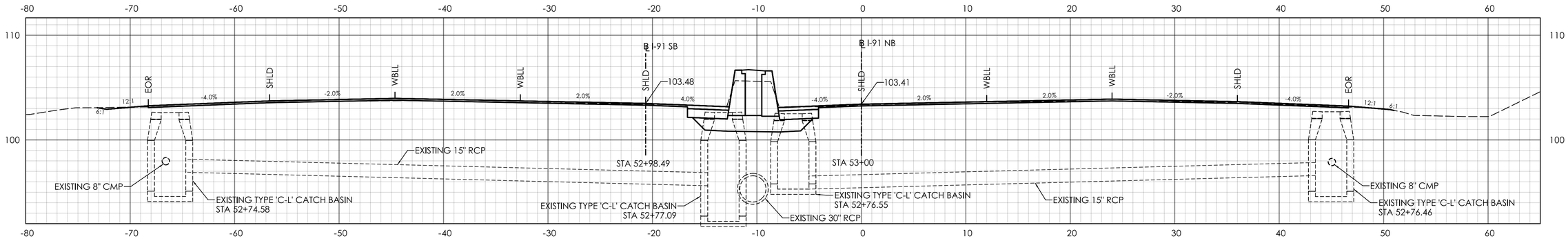
DRAWING TITLE: **I-91 FINAL CROSS SECTIONS - 14**

PROJECT NO.: **0048-0200**

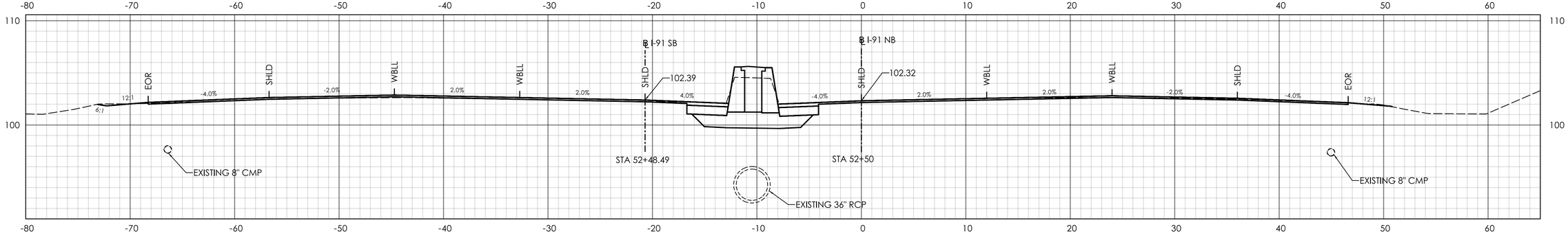
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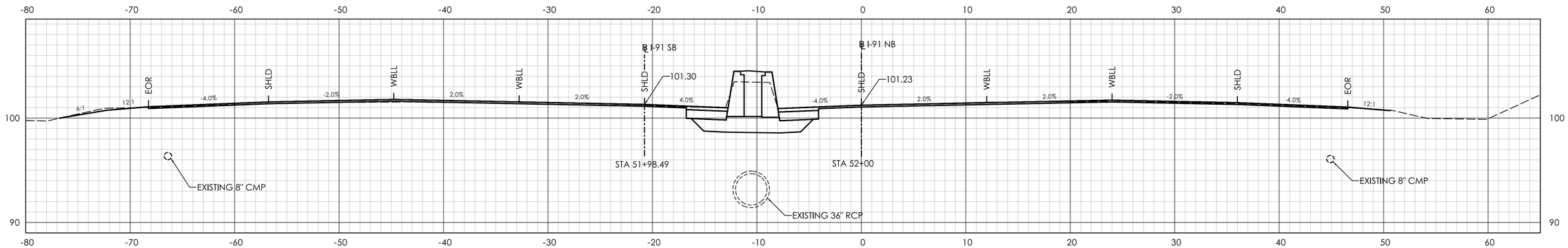
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PLOTTED DATE: 8/18/2025



STA. 53+00.00



STA. 52+50.00



STA. 52+00.00

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HORIZONTAL SCALE 1" = 5' (0, 5', 10')

CTDOT — CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

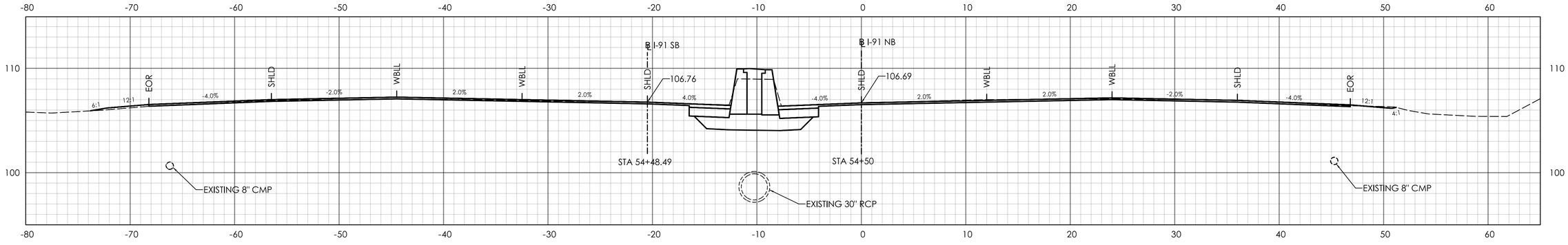
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PROJECT NO.: **0048-0200**

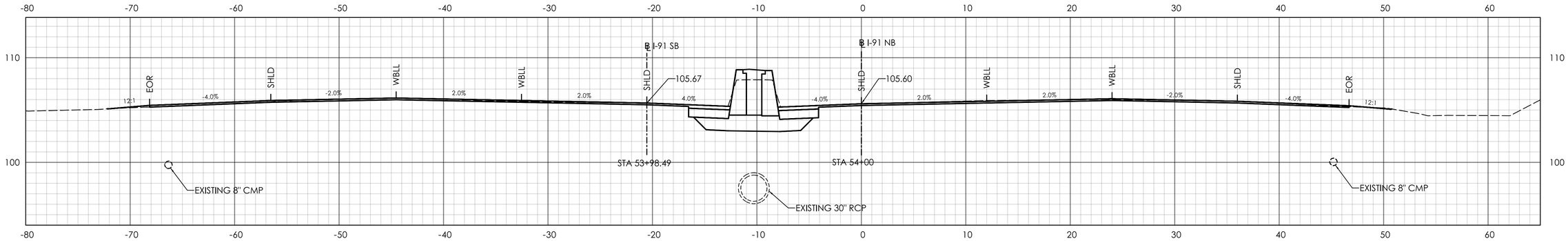
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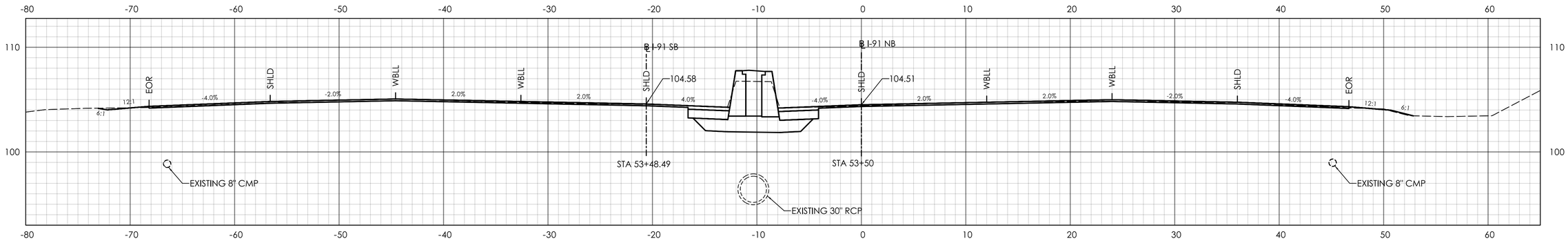
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PLOTTED DATE: 8/18/2025



STA. 54+50.00



STA. 54+00.00



STA. 53+50.00

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

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690 Clinton Avenue
Bridgeport, CT 06604
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DESIGNER/DRAFTER: AMW CHECKED BY: JVS

HORIZONTAL SCALE 1" = 5' (0, 5', 10')

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

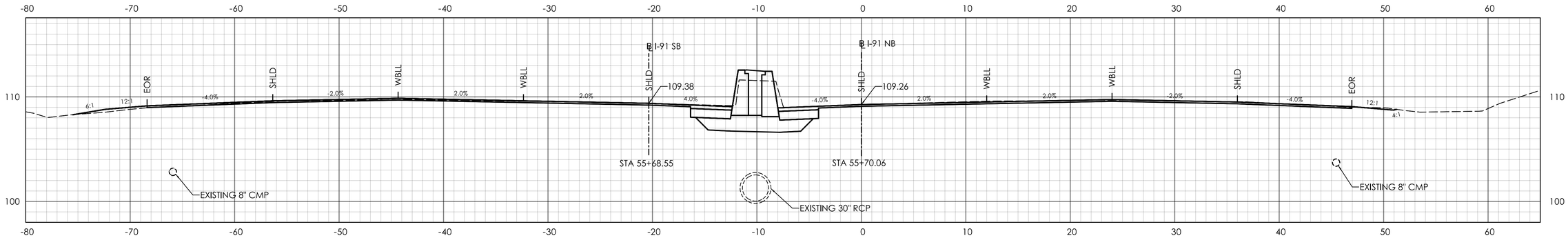
DRAWING TITLE: **I-91 FINAL CROSS SECTIONS - 16**

PROJECT NO.: **0048-0200**

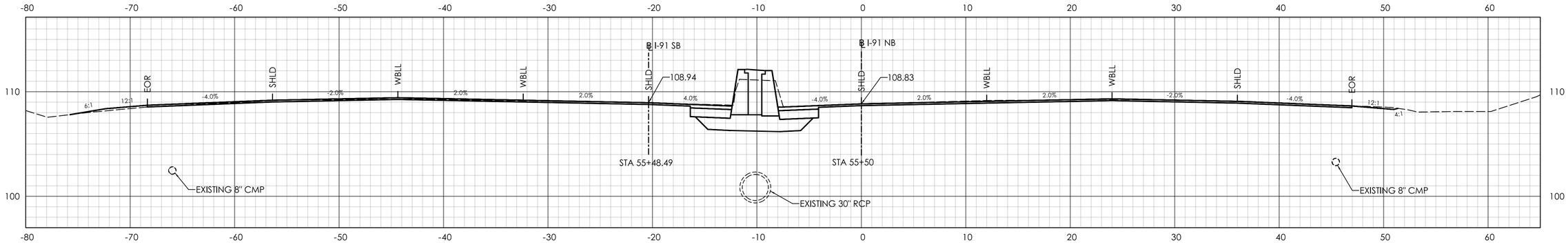
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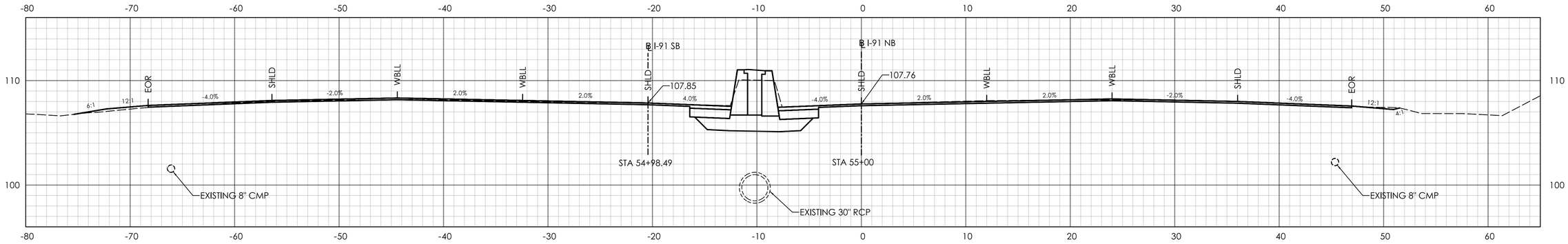
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PLOTTED DATE: 8/18/2025



STA. 55+70.06



STA. 55+50.00



STA. 55+00.00

REV.	DATE	REVISION DESCRIPTION

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HORIZONTAL SCALE 1" = 5' (0, 5', 10')

CTDOT — CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

DRAWING TITLE: **I-91 FINAL CROSS SECTIONS - 17**

PROJECT NO.: **0048-0200**

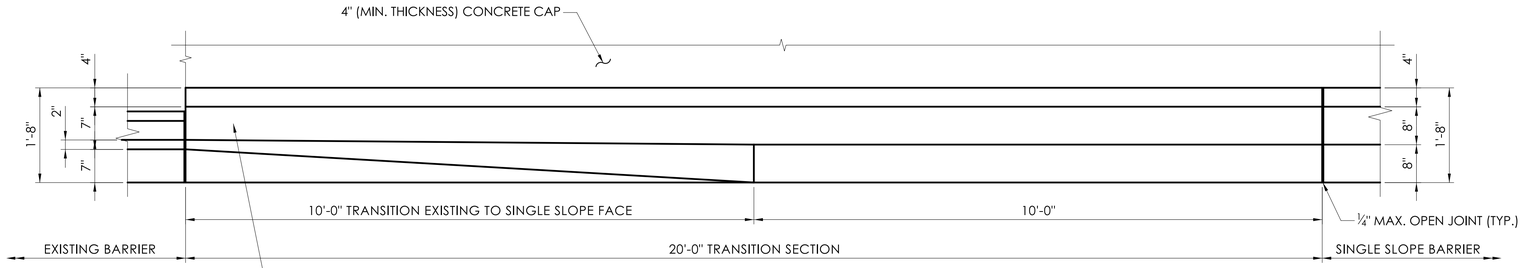
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SHEET NO.: 03.115

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PLOTTED DATE: 8/18/2025

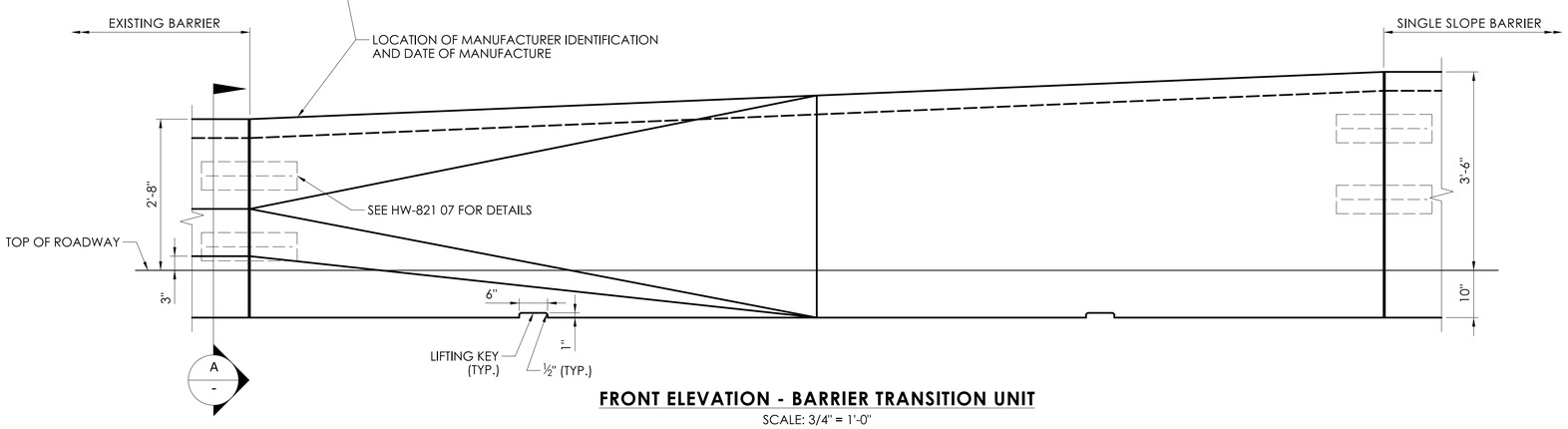
NOTES:

1. THE BARRIER TRANSITION UNIT SHALL BE PAID FOR UNDER ITEM "SINGLE SLOPE PRECAST CONCRETE BARRIER CURB (20" X 42")".
2. PRECAST UNITS SHALL BE COATED WITH PENETRATING SEALER.



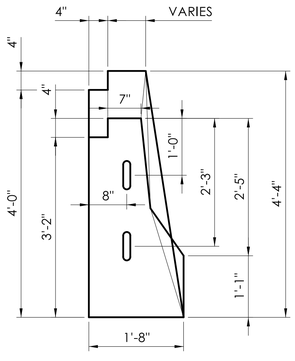
PLAN - BARRIER TRANSITION UNIT

SCALE: 3/4" = 1'-0"



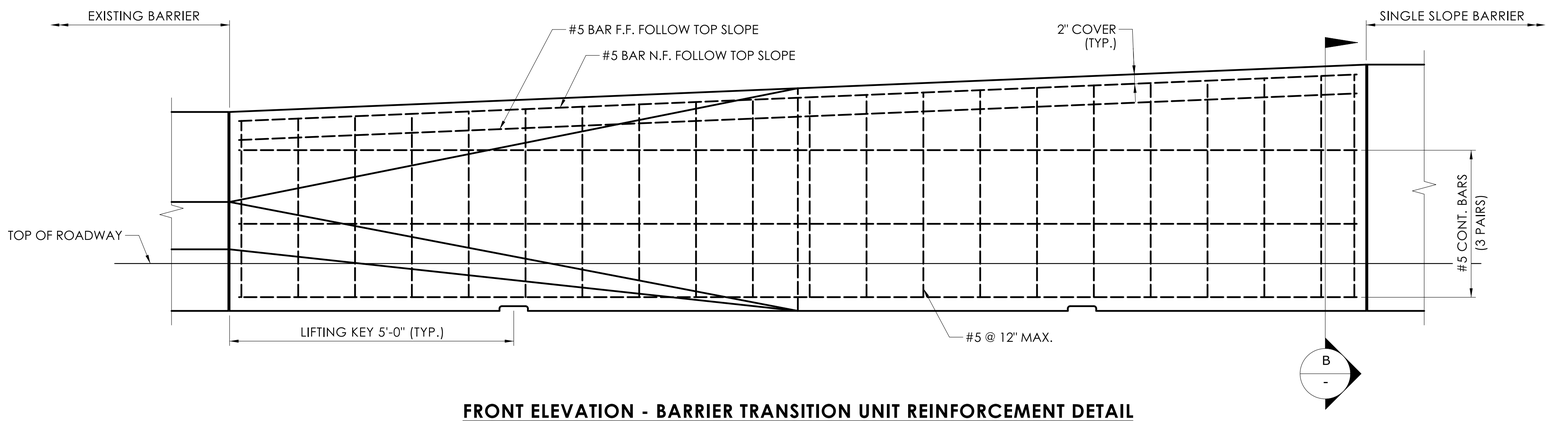
FRONT ELEVATION - BARRIER TRANSITION UNIT

SCALE: 3/4" = 1'-0"



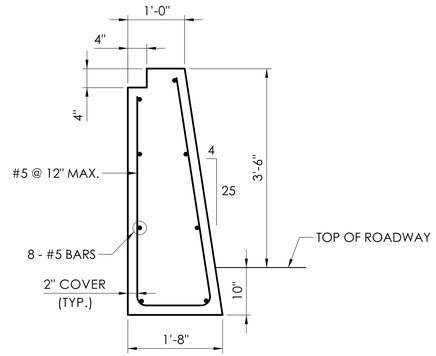
SECTION A - A

SCALE: 3/4" = 1'-0"



FRONT ELEVATION - BARRIER TRANSITION UNIT REINFORCEMENT DETAIL

SCALE: 3/4" = 1'-0"



SECTION B - B

SCALE: 3/4" = 1'-0"

REVISION DESCRIPTION | DATE | REV.

SIGNATURE BLOCK: A.DiCesare Associates, P.C. 690 Clinton Avenue Bridgeport, CT 06604 203-696-0444 www.adicesarepc.com

DESIGNER/DRAFTER: JGV CHECKED BY: JVS

SCALE AS NOTED

CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

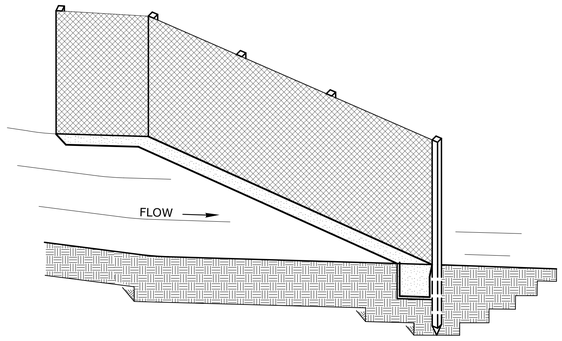
DRAWING TITLE: MISCELLANEOUS DETAILS - 01

PROJECT NO.: 0048-0200

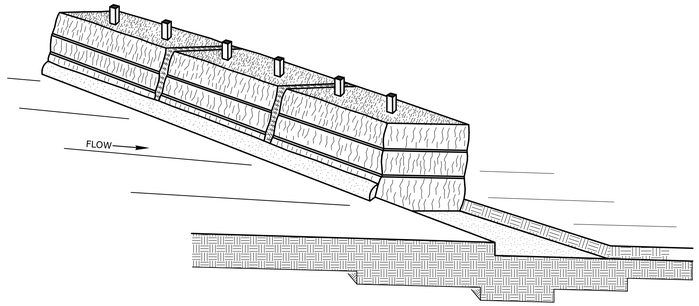
DRAWING NO.: MISC-01

SHEET NO.: 03.116

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Median Transition.dgn
PLOTTED DATE: 9/15/2025

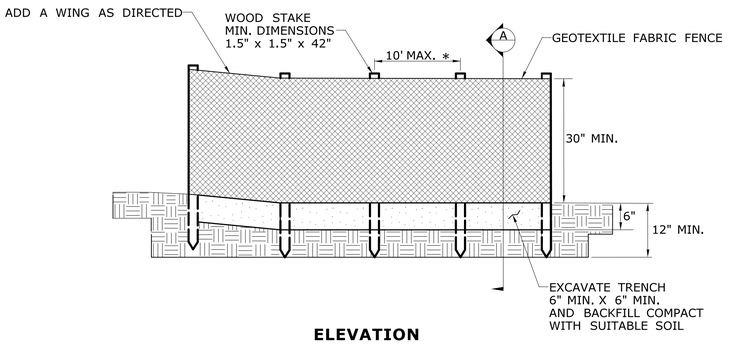


SEDIMENTATION CONTROL SYSTEM



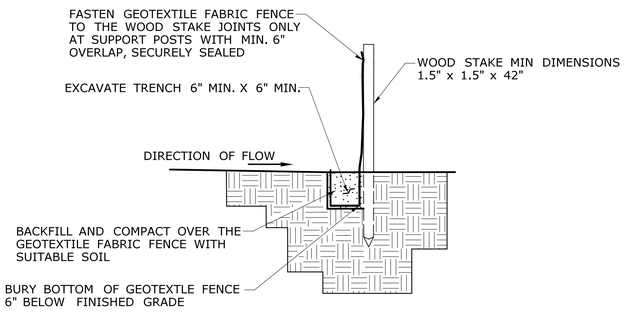
SEDIMENTATION CONTROL SYSTEM

INSTALL THE WING WHEN THE FENCE IS MORE THAN 4' FROM THE TOE OF SLOPE AND THE FENCE LINE GRADIENT IS 5% OR MORE

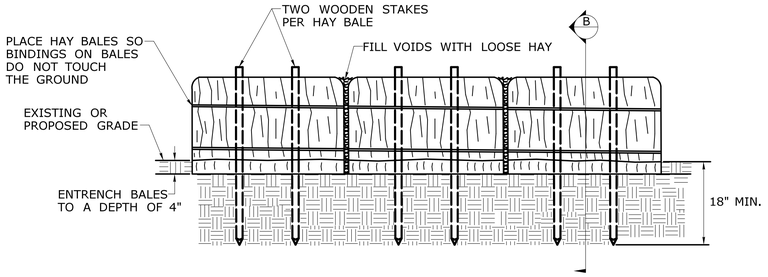


ELEVATION

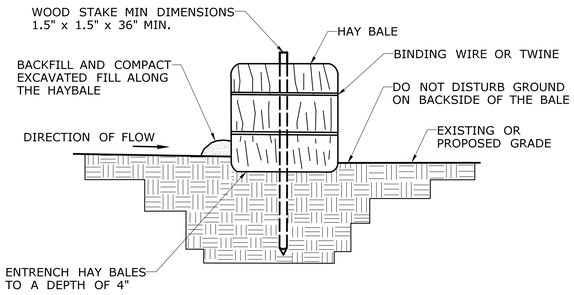
* FOR SLOPES STEEPER THAN 2:1 USE A 5' POST SPACING OR AS DIRECTED BY THE ENGINEER



SECTION A



ELEVATION



SECTION B

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

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690 Clinton Avenue
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203-696-0444
www.adicesareepc.com

DESIGNER/DRAFTER: AMW CHECKED BY: JVS

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

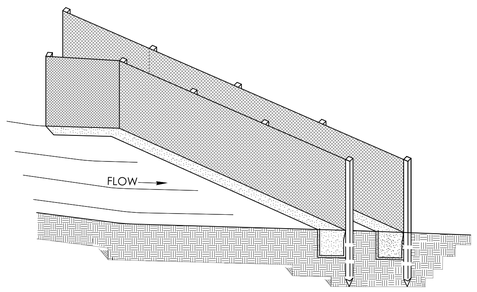
DRAWING TITLE: **MISCELLANEOUS DETAILS - 02**

PROJECT NO.: **0048-0200**

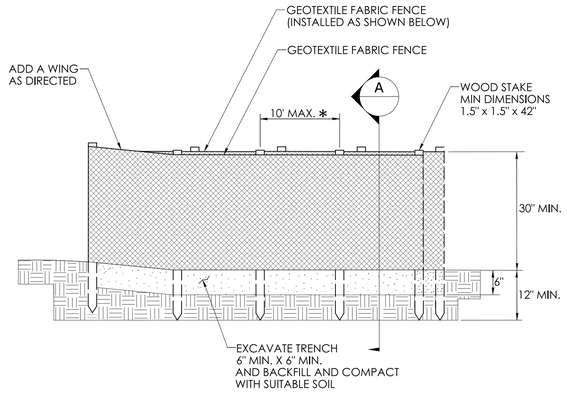
DRAWING NO.: **MISC-02**

SHEET NO.: 03.117

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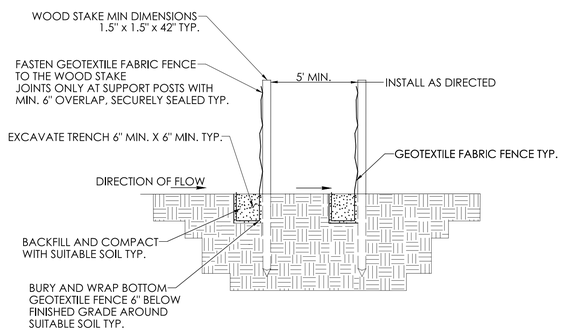


DOUBLE ROW OF GEOTEXTILE FABRIC FENCE

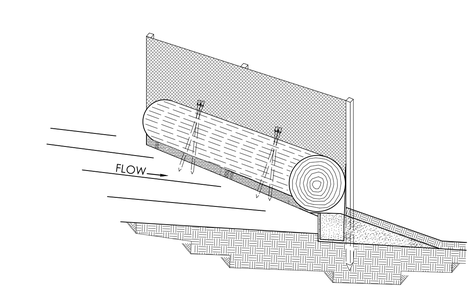


ELEVATION

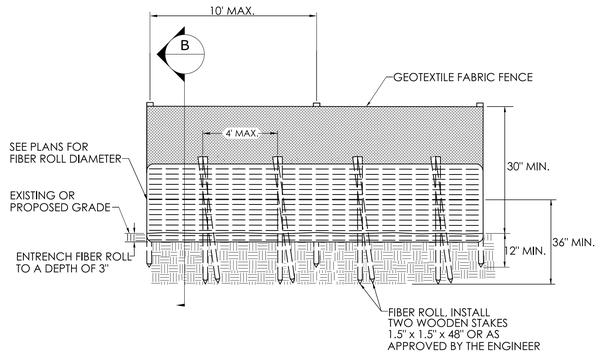
* FOR SLOPES STEEPER THAN 2:1
USE A 5' POST SPACING OR AS
DIRECTED BY THE ENGINEER



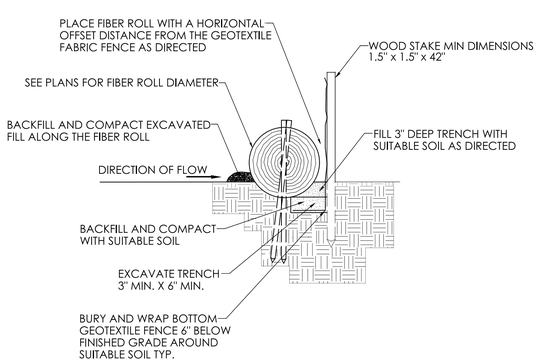
SECTION A



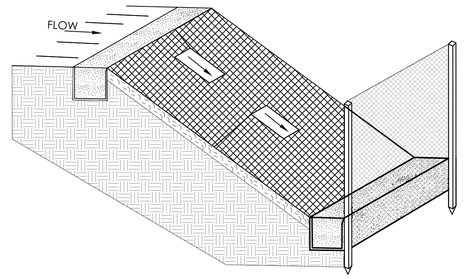
DOUBLE ROW OF FIBER ROLL AND GEOTEXTILE FABRIC FENCE



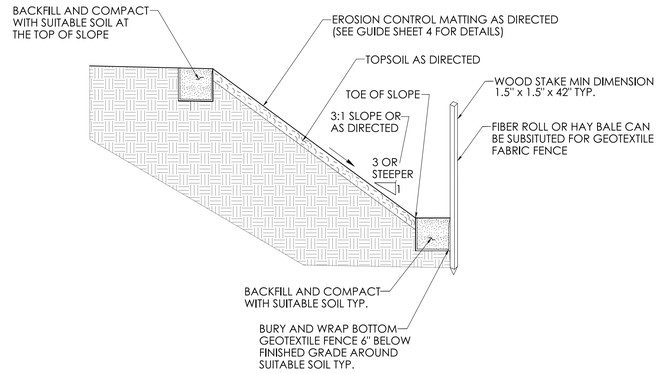
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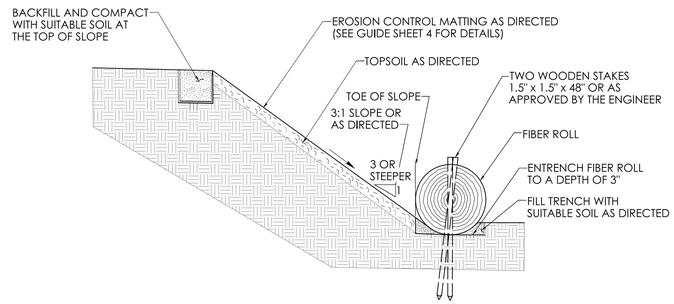
SECTION B



DOUBLE ROW OF EROSION CONTROL MATTING, AND GEOTEXTILE FABRIC FENCE



SECTION



ALTERNATE SECTION WITH FIBER ROLL

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

ADA
A.DiCesare Associates, P.C.
690 Clinton Avenue
Bridgeport, CT 06604
203-696-0444
www.adicesarepc.com

DESIGNER/DRAFTER: AMW CHECKED BY: JVS

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

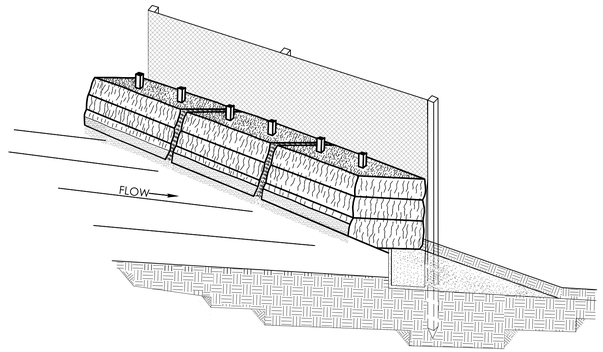
DRAWING TITLE: **MISCELLANEOUS DETAILS - 03**

PROJECT NO.: **0048-0200**

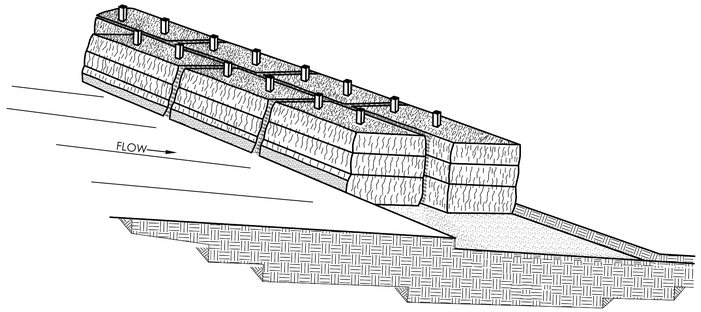
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SHEET NO.: 03.118

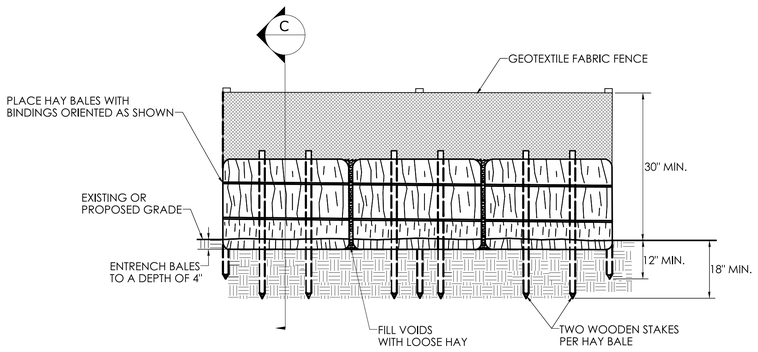
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PLOTTED DATE: 8/18/2025



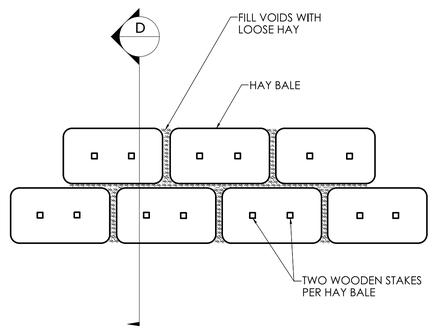
DOUBLE ROW OF HAY BALES AND GEOTEXTILE FABRIC FENCE



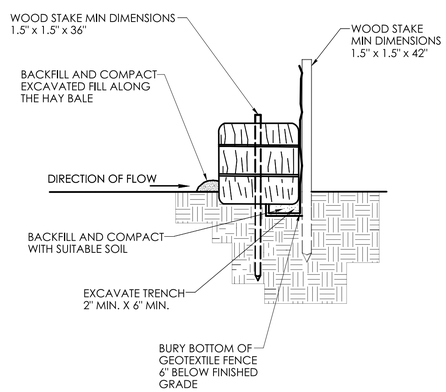
DOUBLE ROW HAY BALE SYSTEM



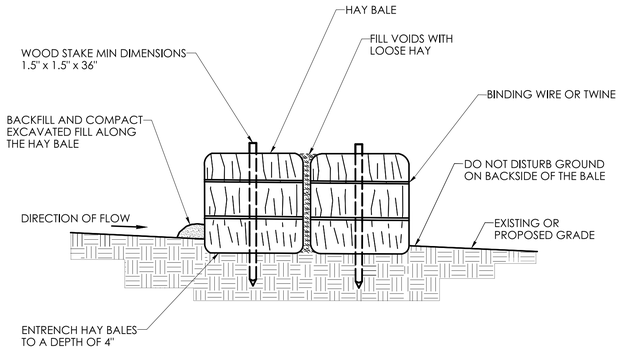
ELEVATION



PLAN



SECTION C



SECTION D

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

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Bridgeport, CT 06604
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DESIGNER/DRAFTER: AMW CHECKED BY: JVS

CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

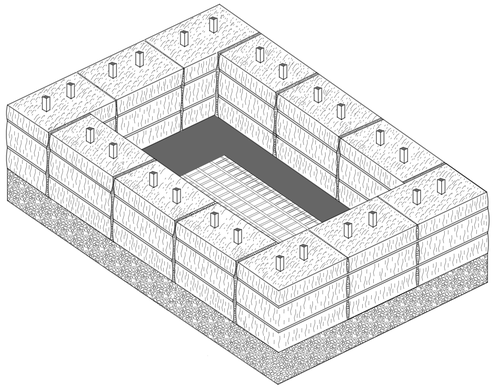
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PROJECT NO.: **0048-0200**

DRAWING NO.: **MISC-04**

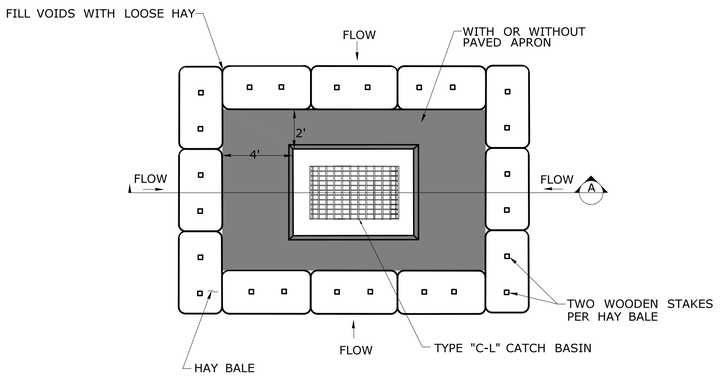
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PLOTTED DATE: 8/18/2025

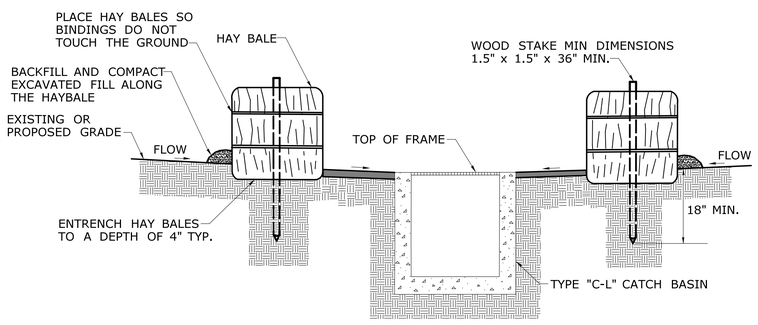


HAY BALES
AT TYPE "C-L" CATCH BASIN

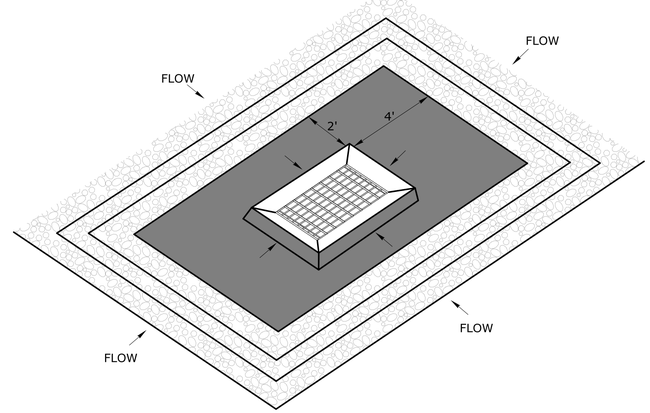
NOTE: THIS ITEM WILL BE MEASURED BY LINEAR FEET OF SEDIMENTATION CONTROL SYSTEM



PLAN
THIS DETAIL APPLIES TO OFF ROAD LOCATIONS

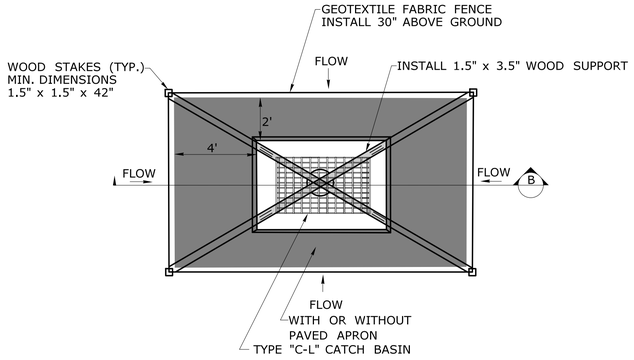


SECTION A

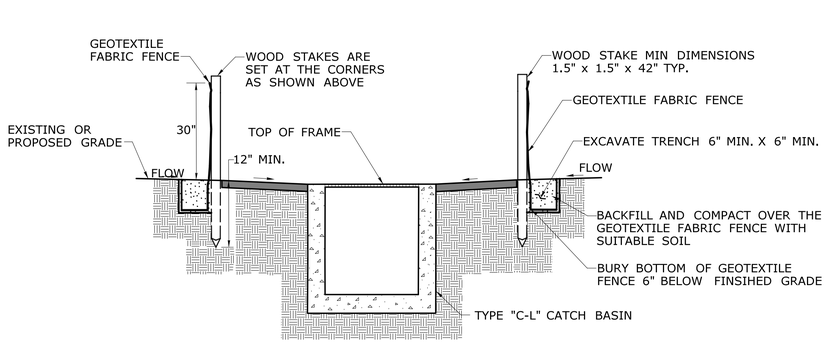


GEOTEXTILE FABRIC FENCE
AT TYPE "C-L" CATCH BASIN

NOTE: THIS ITEM WILL BE MEASURED BY LINEAR FEET OF SEDIMENTATION CONTROL SYSTEM

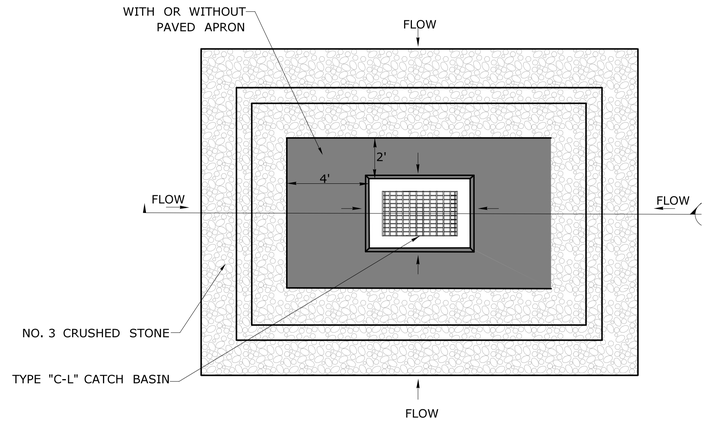


PLAN
THIS DETAIL APPLIES TO OFF ROAD LOCATIONS

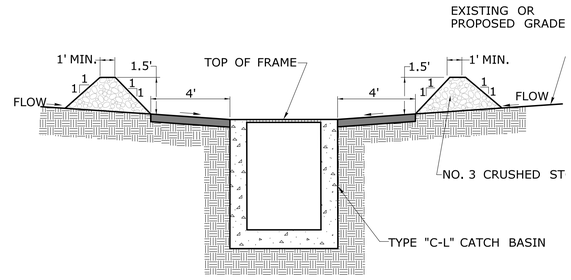


SECTION B

STONE CHECK DAM AT TYPE "C-L" CATCH BASIN



PLAN
THIS DETAIL APPLIES TO OFF ROAD LOCATIONS



SECTION C

REVISION DESCRIPTION | DATE | REV.

SIGNATURE BLOCK:
ADA A.DiCesare Associates, P.C. 690 Clinton Avenue Bridgeport, CT 06604 203-696-0444 www.adicesarepc.com
DESIGNER/DRAFTER: AMW CHECKED BY: JVS

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

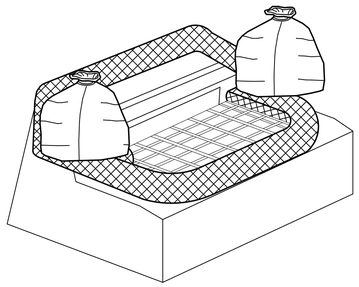
DRAWING TITLE: MISCELLANEOUS DETAILS - 05

PROJECT NO.: 0048-0200

DRAWING NO.: MISC-05

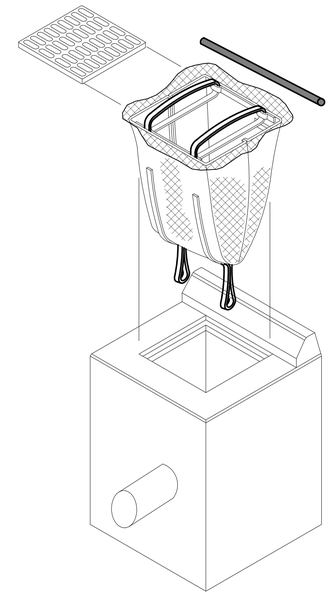
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PLOTTED DATE: 8/18/2025



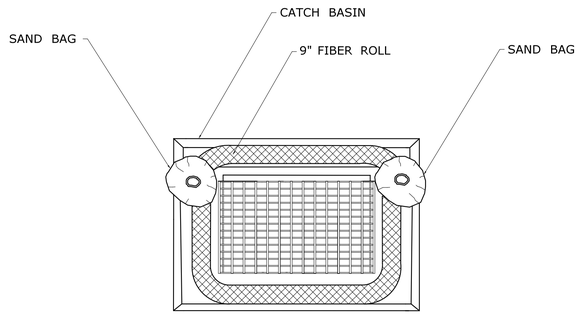
FIBER ROLL AROUND
TYPE "C" OR "C-L" CATCH BASIN TOP

NOTE: THIS ITEM WILL BE MEASURED BY EACH SEDIMENT CONTROL SYSTEM AT CATCH BASIN

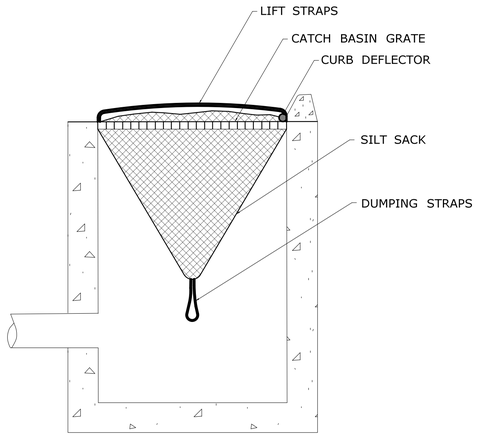


INLET SEDIMENT CONTROL DEVICE
AT TYPE "C" OR "C-L" CATCH BASIN

NOTE: THIS ITEM WILL BE MEASURED BY EACH SEDIMENT CONTROL SYSTEM AT CATCH BASIN



PLAN



SECTION

REVISION DESCRIPTION | DATE | REV.

SIGNATURE BLOCK:

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DESIGNER/DRAFTER: AMW CHECKED BY: JVS

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK

TOWN(S): ENFIELD

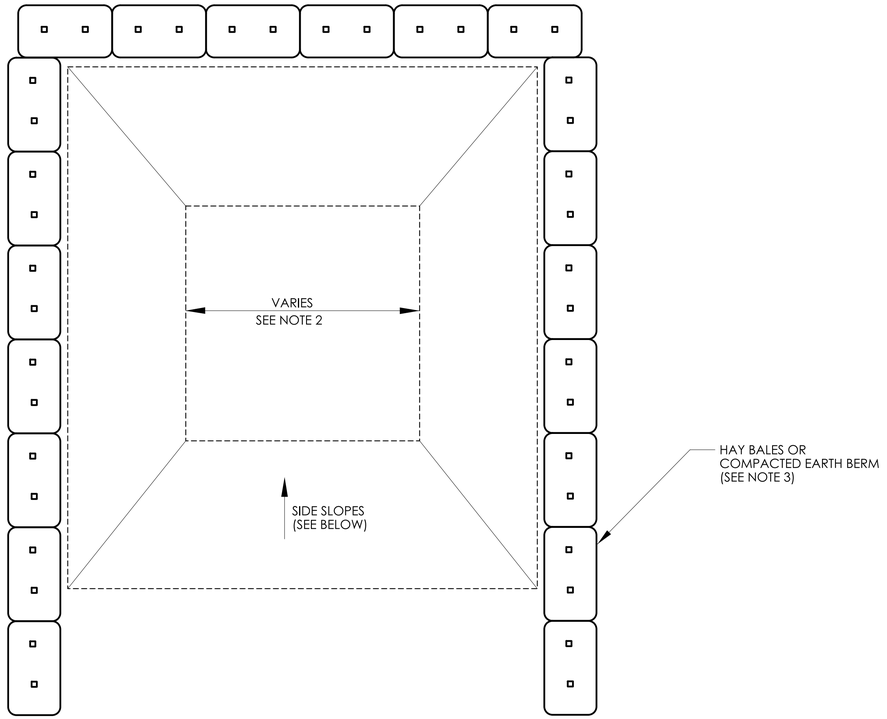
DRAWING TITLE: MISCELLANEOUS DETAILS - 06

PROJECT NO.: 0048-0200

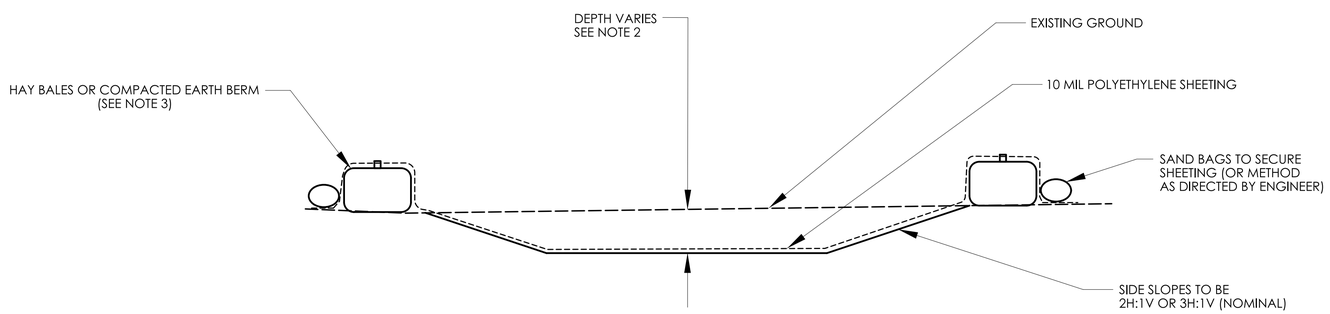
DRAWING NO.: MISC-06

SHEET NO.: 03.121

LASTED SAVED BY: ADA034 **FILE NAME:** K:\CT_Projects\0048-0200\Highways\Contract_Plans\HW_CB_0048_0200_Misc Details.dgn
PLOTTED DATE: 8/18/2025



PLAN



CONCRETE WASHOUT AREA

NOT TO SCALE
(SEE NOTE 2)

GENERAL NOTES:

1. CONCRETE WASHOUT AREA(S) SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE. THE CONCRETE WASHOUT AREA SHALL BE ENTIRELY SELF-CONTAINED.

2. THE CONTRACTOR SHALL SUBMIT THE DESIGN, LOCATION AND SIZING OF THE CONCRETE WASHOUT AREA(S) WITH THE PROJECT'S EROSION AND SEDIMENTATION CONTROL PLAN AND SHALL BE APPROVED BY THE ENGINEER.

   LOCATION: WASHOUT AREA(S) ARE TO BE LOCATED AT LEAST 50 FEET FROM ANY STREAM, WETLAND, STORM DRAINS, OR OTHER SENSITIVE RESOURCE. THE FLOOD CONTINGENCY PLAN MUST ADDRESS THE CONCRETE WASHOUT IF THE WASHOUT IS TO BE LOCATED WITHIN THE FLOODPLAIN.

   SIZE: THE WASHOUT MUST HAVE SUFFICIENT VOLUME TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS INCLUDING, BUT NOT LIMITED TO, OPERATIONS ASSOCIATED WITH GROUT AND MORTAR.

3. SURFACE DISCHARGE IS UNACCEPTABLE. THEREFORE, HAY BALES OR OTHER CONTROL MEASURES, AS APPROVED BY THE ENGINEER, SHOULD BE USED AROUND THE PERIMETER OF THE CONCRETE WASHOUT AREA FOR CONTAINMENT.

4. SIGNS SHOULD BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE CONCRETE AREA(S) AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS. WASHOUT AREA(S) SHOULD BE FLAGGED WITH SAFETY FENCING OR OTHER APPROVED METHOD.

5. WASHOUT AREA(S) ARE TO BE INSPECTED AT LEAST ONCE A WEEK FOR STRUCTURAL INTEGRITY, ADEQUATE HOLDING CAPACITY AND CHECKED FOR LEAKS, TEARS, OR OVERFLOWS. (AS REQUIRED BY THE CONSTRUCTION SITE ENVIRONMENTAL INSPECTION REPORT) WASHOUT AREA(S) SHOULD BE CHECKED AFTER HEAVY RAINS.

6. HARDENED CONCRETE WASTE SHOULD BE REMOVED AND DISPOSED OF WHEN THE WASTE HAS ACCUMULATED TO HALF OF THE CONCRETE WASHOUT'S DEPTH. THE WASTE CAN BE STORED AT AN UPLAND LOCATION, AS APPROVED BY THE ENGINEER. ALL CONCRETE WASTE SHALL BE DISPOSED OF IN A MANNER CONSISTENT WITH ALL APPLICABLE LAWS, REGULATIONS, AND GUIDELINES.

7. PAYMENT FOR THIS ITEM IS TO BE INCLUDED UNDER THE GENERAL COST OF THE WORK FOR THE PROJECT, INCLUDING SITE RESTORATION.

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

ADA | A.DiCesare Associates, P.C.
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Bridgeport, CT 06604
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www.adicesarepc.com

DESIGNER/DRAFTER: AMW CHECKED BY: JVS

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05585 - INTERSTATE 91 OVER GRAPE BROOK**

TOWN(S): **ENFIELD**

DRAWING TITLE: **MISCELLANEOUS DETAILS - 07**

PROJECT NO.: **0048-0200**

DRAWING NO.: **MISC-07**

SHEET NO.: 03.122

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