

05 - TRAFFIC
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REV.	DATE	REVISION DESCRIPTION	

SIGNATURE BLOCK:		 Alfred Benesch & Company 200 Glenbury Blvd Suite 201 Glenbury, CT
		
DESIGNER/DRAFTER: NB		CHECKED BY: RA



CONNECTICUT
DEPARTMENT OF
TRANSPORTATION

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 05350
BOSWORTH ROAD OVER MASHAMOQUET BROOK**



POMFRET

DRAWING TITLE:

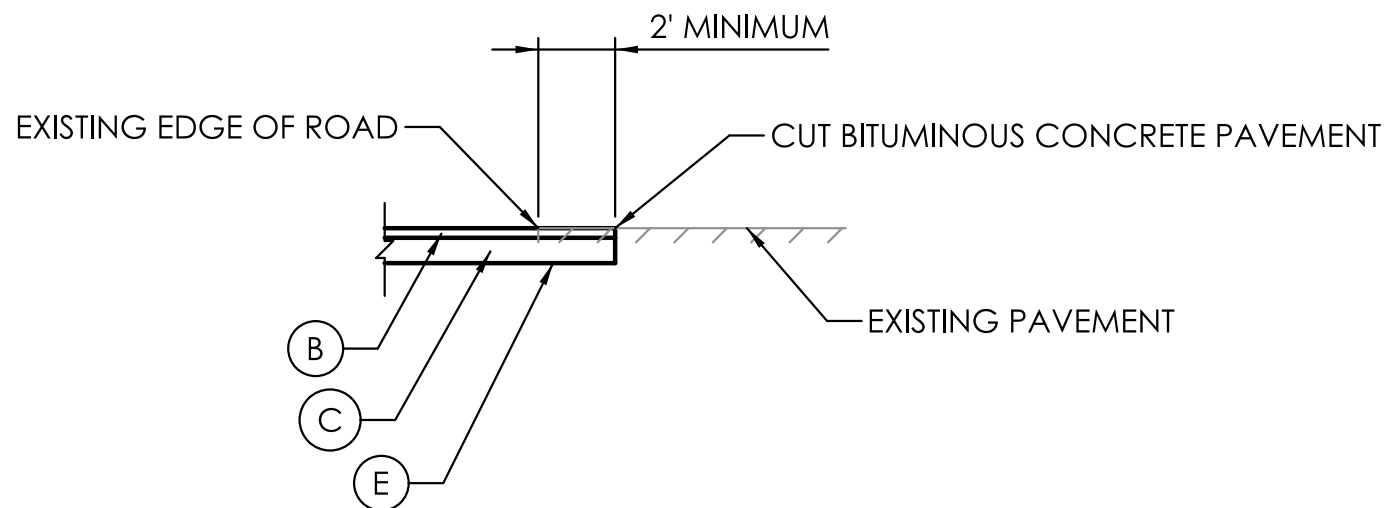
INDEX OF DRAWINGS

PROJECT NO.:
0111-0127

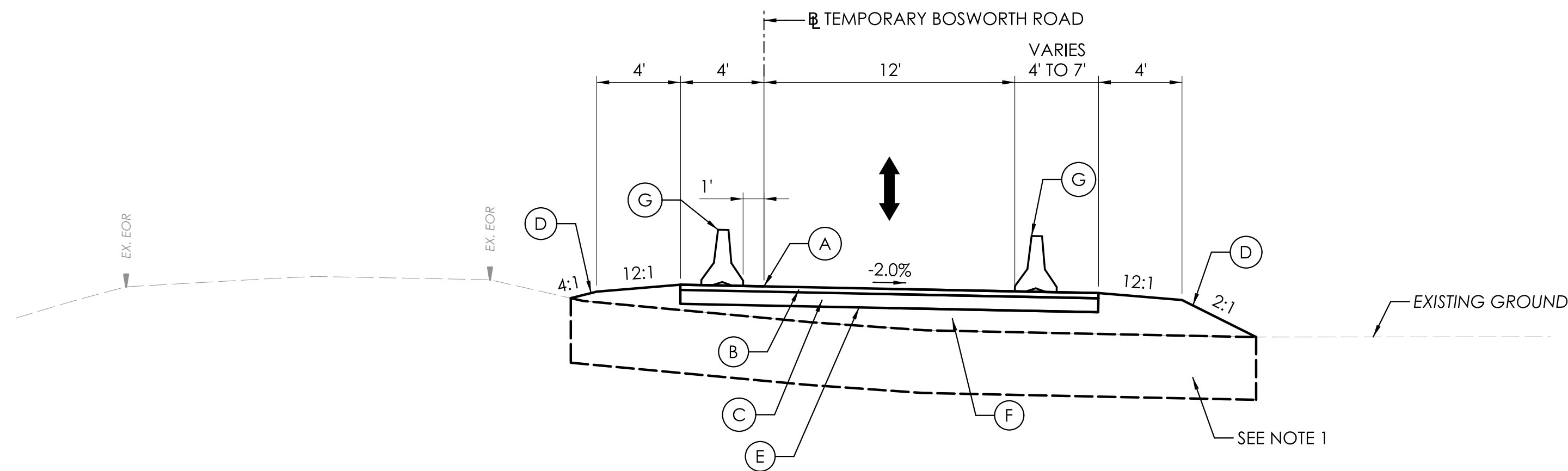
DRAWING NO.:
INX-01

SHEET NO.:
05.01

LASTED SAVED BY: dwalsh FILE NAME: c:\pwwordir\benesch projects\projects\d0254510\TR_CP_0111-0127_INX-01.dgn
PLOTTED DATE: 9/14/2026



TEMPORARY BOSWORTH ROAD SAWCUT DETAIL



TEMPORARY BOSWORTH ROAD

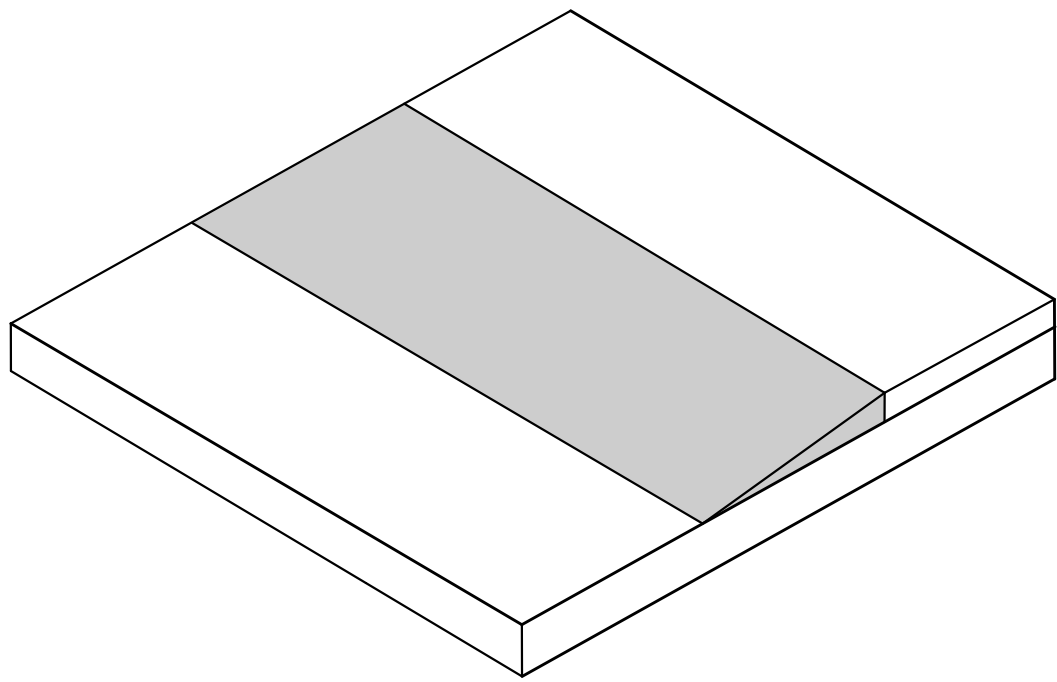
STA. 50+77 TO 55+08

LEGEND

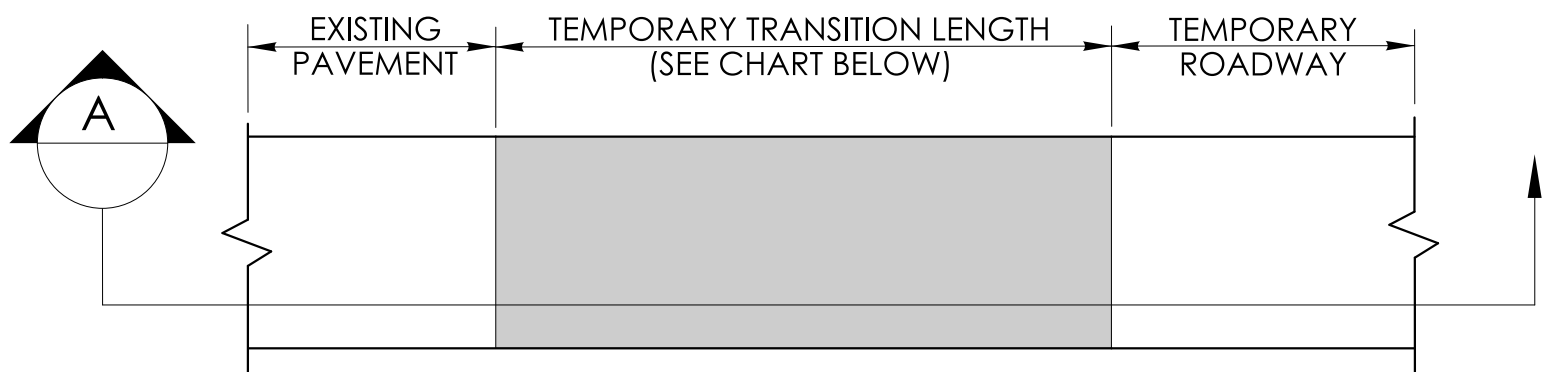
- (A) POINT OF APPLIED GRADE
- (B) 3" HMA S0.5 TRAFFIC LEVEL 2
- (C) 8" SUBBASE
- (D) 4" FURNISH AND PLACE TOPSOIL WITH TURF ESTABLISHMENT
- (E) FORMATION OF SUBGRADE
- (F) BORROW
- (G) TEMPORARY TRAFFIC BARRIER (PINNED)
- ↑ DIRECTION OF TRAVEL

NOTES

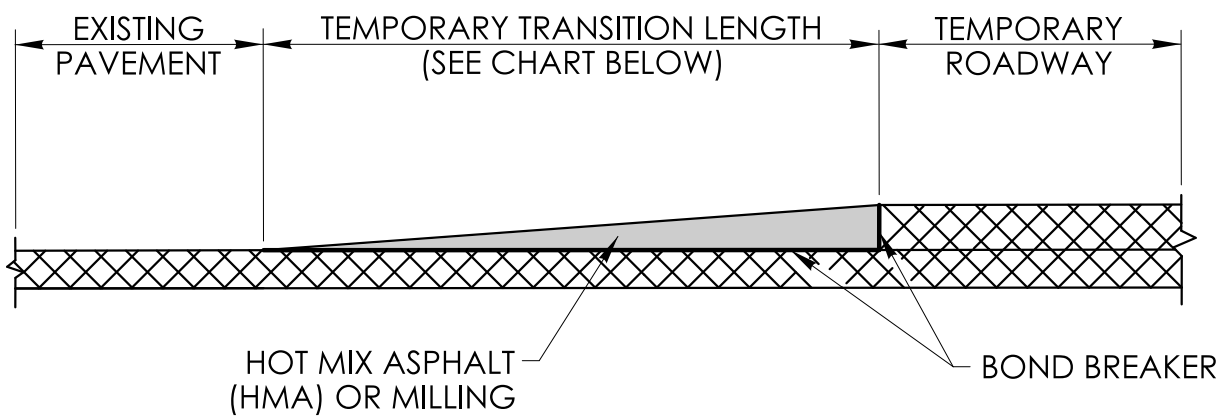
- SUBBASE AND BORROW SHALL BEAR ON COMPETENT SOIL. UNSUITABLE SOILS BELOW TEMPORARY ROADWAY SHALL BE REMOVED AND REPLACED WITH FREE-DRAINING MATERIAL BELOW AND WITHIN THREE FEET OF THE WATER TABLE AS DIRECTED BY THE ENGINEER. REMOVAL OF UNSUITABLE SOIL WILL BE PAID UNDER ITEM NO. 0202351 "UNSUITABLE MATERIAL EXCAVATION", AND FREE-DRAINING MATERIAL PLACEMENT WILL BE PAID UNDER ITEM NO. 0208000 "FREE-DRAINING MATERIAL".



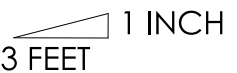
TEMPORARY PAVEMENT TRANSITION DETAIL



PLAN



SECTION A

POSTED SPEED LIMIT	TEMPORARY TRANSITION LENGTH
35 MPH OR LESS	LEADING AND TRAILING 

GENERAL NOTES:

- APPLY ACCEPTABLE BOND BREAKER MATERIAL FOR ALL TEMPORARY PAVEMENT TRANSITIONS. PAVEMENT TO BE THOROUGHLY CLEANED PRIOR TO PERMANENT PAVING.

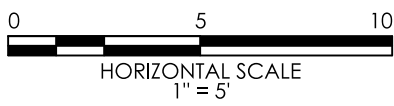
THE APPROPRIATE BITUMINOUS CONCRETE MIX OR MILLING WHICH WILL INCLUDE:
A. BOND BREAKER MATERIAL AND INSTALLATION
B. SAW CUTTING BITUMINOUS PAVEMENT
C. THOROUGH REMOVAL AND DISPOSAL OF TEMPORARY HMA AND BOND BREAKER MATERIAL

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:


Alfred Benesch & Company
250 Greenway Blvd.
Suite 201
Greenwich, CT

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CONNECTICUT
DEPARTMENT OF
TRANSPORTATION

PROJECT TITLE:
**REPLACEMENT OF BRIDGE NO. 05350
BOSWORTH ROAD OVER MASHAMOQUET BROOK**

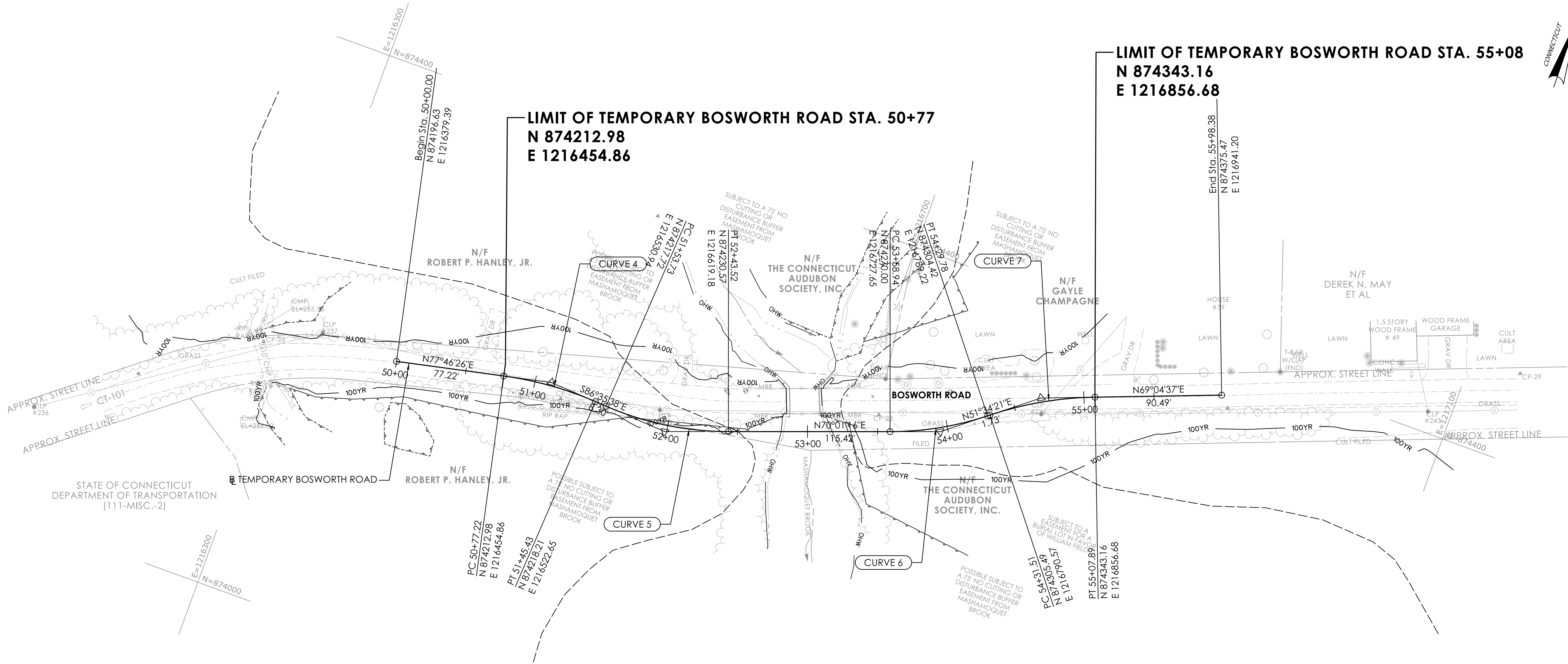
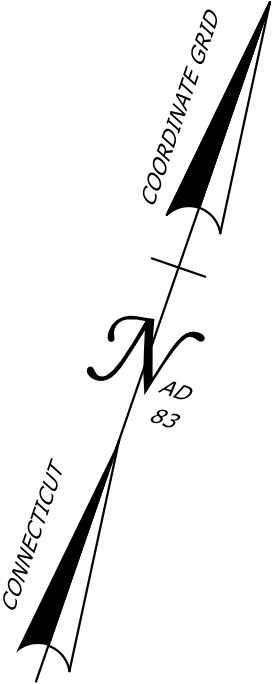
TOWN(S):
**POMFRET**

DRAWING TITLE:
**TEMPORARY ROADWAY
TYPICAL SECTION**

PROJECT NO.:
0111-0127

DRAWING NO.:
MPT-01
SHEET NO.:
05.02

ALIGNMENT NAME - TEMPORARY BOSWORTH ROAD														
CURVE	PC			PI			PT			DELTA	DEGREE OF CURVATURE	T	L	R
	STA.	NORTHING	EASTING	STA.	NORTHING	EASTING	STA.	NORTHING	EASTING					
CURVE 4	50+77.22	874212.98	1216454.86	51+11.54	874220.25	1216488.4	51+45.43	874218.21	1216522.65	15°37'55"	22°55'06"	34.32'	68.21'	250.00'
CURVE 5	51+53.73	874217.72	1216530.94	51+99.26	874215.01	1216576.39	52+43.52	874230.57	1216619.18	23°23'06"	26°02'37"	45.53'	89.79'	220.00'
CURVE 6	53+58.94	874270	1216727.65	53+94.67	874282.21	1216761.23	54+29.78	874304.42	1216789.22	18°26'55"	26°02'37"	35.73'	70.84'	220.00'
CURVE 7	54+31.51	874305.49	1216790.57	54+70.00	874329.41	1216820.73	55+07.89	874343.16	1216856.68	17°30'16"	22°55'06"	38.49'	76.38'	250.00'



REV.	DATE	REVISION DESCRIPTION

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PROJECT TITLE:
**REPLACEMENT OF BRIDGE NO. 05350
BOSWORTH ROAD OVER MASHAMOQUET BROOK**

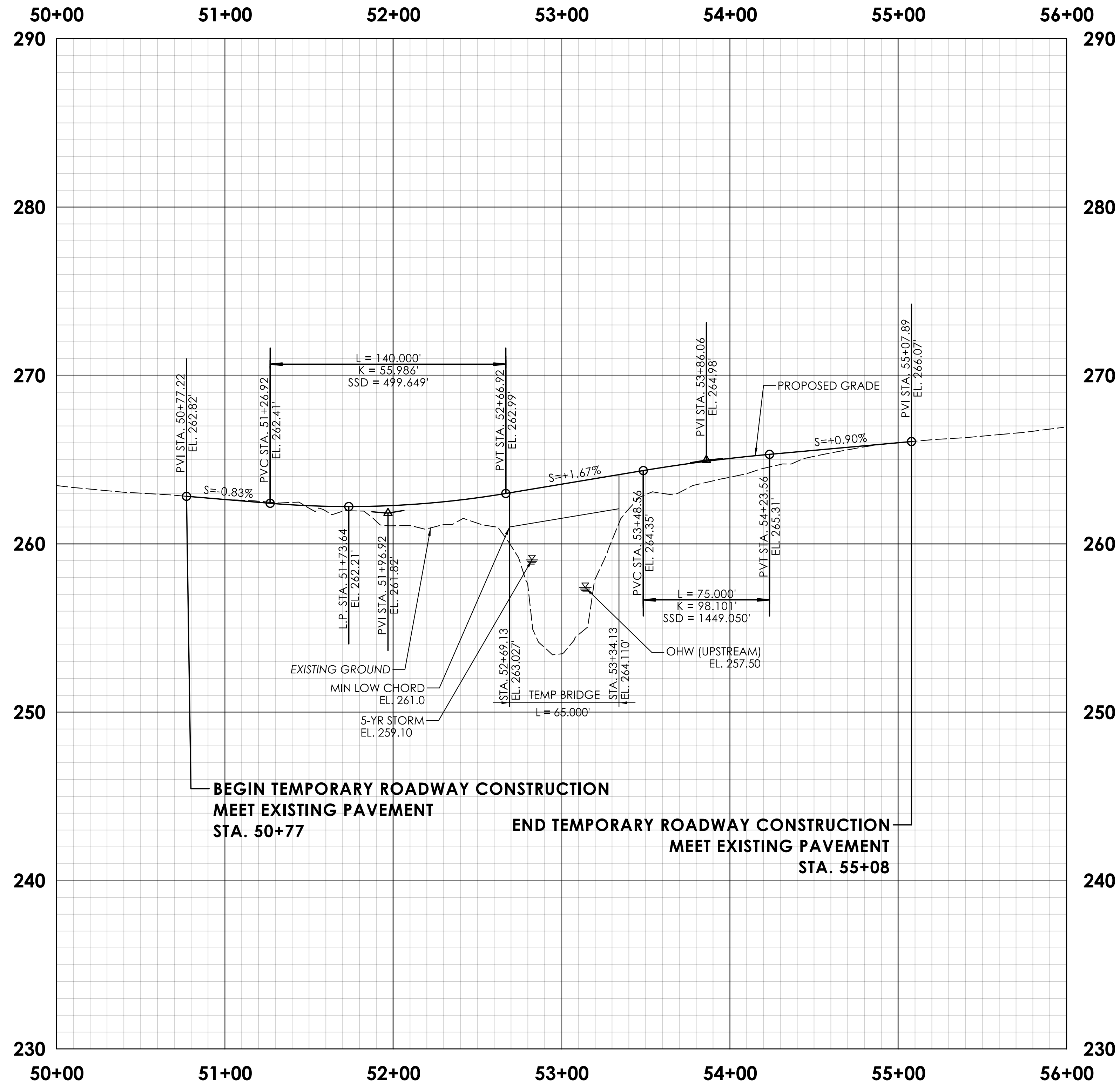
TOWN(S):

POMFRET

DRAWING TITLE:
**TEMPORARY ROADWAY
ALIGNMENT PLAN**

PROJECT NO.:
0111-0127

DRAWING NO.:
MPT-02
SHEET NO.:
05.03



REV.	DATE	REVISION DESCRIPTION

A

CONSTRUCTION
AHEAD
ROAD USE RESTRICTED
STATE LIABILITY LIMITED
APPROX. 30' X 24"

80-1613
30" X 24"

B

ROAD WORK
AHEAD
FINES
DOUBLED

31-1906
48" X 42"

C

ROAD WORK
AHEAD

80-9603
36" X 36"

D

ONE LANE
ROAD
AHEAD

80-9834
36" X 36"

E

END
ROAD WORK

80-9611
36" X 18"

F

80-9052
36" X 36"

G

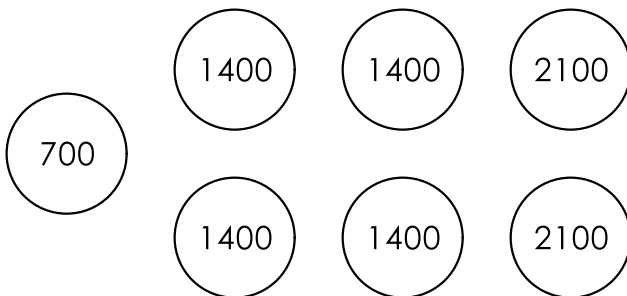
STOP
HERE ON
RED

31-0802
24" X 36"

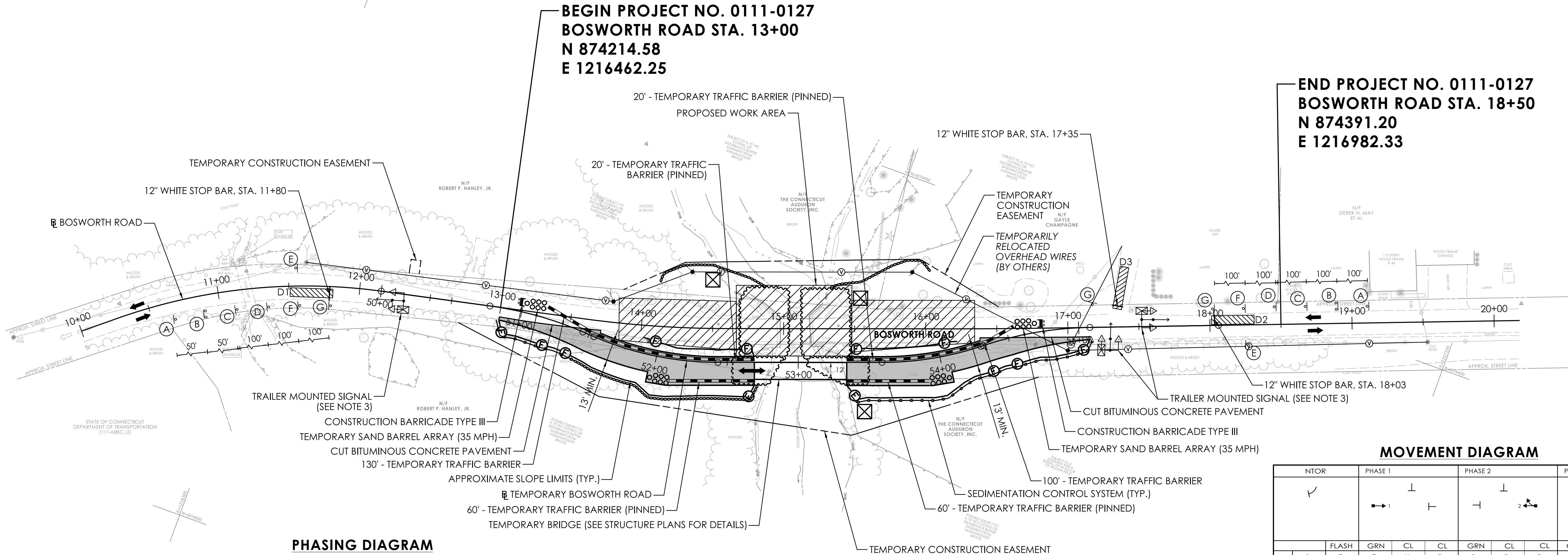
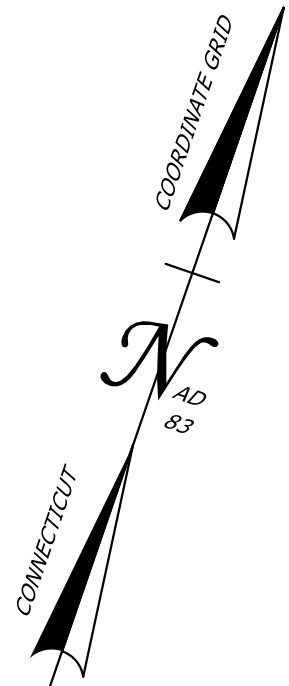
TIME-OF-YEAR RESTRICTION NOTE:

ANY TREE CLEARING WORK INCLUDING TRIMMING, CUTTING AND REMOVAL OF TREES WITH A 3" DBH OR GREATER SHALL BE RESTRICTED TO THE PERIOD FROM NOVEMBER 1 TO APRIL 14. GROUND DISTURBING ACTIVITIES SHALL BE DONE BETWEEN APRIL 1 AND OCTOBER 31 (INCLUSIVE) TO AVOID DISTURBING HIBERNATING ANIMALS.

TEMPORARY SAND BARREL ARRAY DETAIL
(35 MPH DESIGN SPEED)

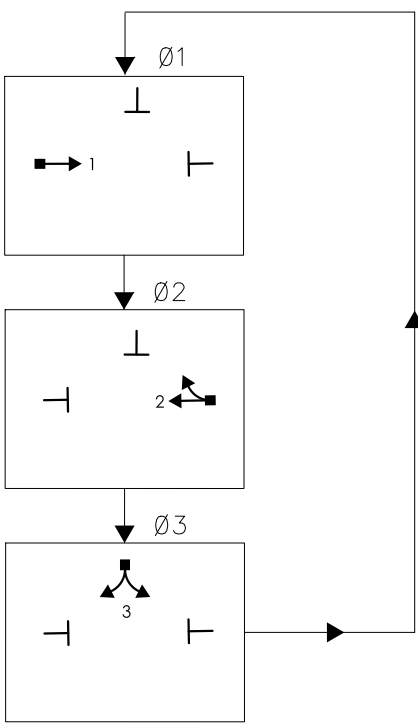


NUMBERS INDICATE MASS OF SAND
IN POUNDS IN EACH BARREL

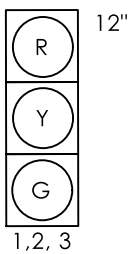


END PROJECT NO. 0111-0127
BOSWORTH ROAD STA. 18+50
N 874391.20
E 1216982.33

PHASING DIAGRAM



SIGNAL FACES



VEHICULAR SIGNAL FACES 1 AND 2 TO BE INSTALLED WITH BACKPLATES WITH YELLOW RETROREFLECTIVE BORDER.

ALL INDICATION HAVE LED LAMPS.

NOTES

- ALL TEMPORARY PAVEMENT MARKINGS SHALL BE PAID FOR UNDER ITEM NO. 1212010 - TEMPORARY PLASTIC PAVEMENT MARKING TAPE - 12" WHITE.
- TEMPORARY SAND BARRELS SHALL BE PAID FOR UNDER ITEM "TEMPORARY SAND BARREL (XX LBS)".
- TRAILER MOUNTED SIGNAL IS PROPOSED DUE TO OVERHEAD UTILITIES AND OSHA-REQUIRED CLEARANCES FROM ELECTRICAL WIRES.
- TEMPORARY CONSTRUCTION EASEMENT AT STA. 12+33 ACQUIRED FOR ALTERNATE SIGNAL DESIGN.

DETECTORS			
IDENT	SIZE (WXL)	TYPE	MODE
D1	6' x 30'	VIDEO 360	PRESENCE
D2	6' x 30'	VIDEO 360	PRESENCE
D3	6' x 30'	VIDEO 360	PRESENCE

MOVEMENT DIAGRAM

NTOR		PHASE 1				PHASE 2			PHASE 3		
F A C E #	1	FLASH	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL
	2	R	G	Y	R	R	R	R	R	R	R
	3	R	R	R	R	R	Y	R	R	Y	R
I N T E R V A L S	MIN GRN	15				15			10		
	WALK										
	PED CLR										
	VEH EXT	1.5				1.5			1.5		
	MAX 1	15				15			10		
	MAX 2										
	YELLOW	3				3			3		
	RED	30				30			30		
	ADD INIT										
	MAX INIT										
	TBR										
	TTR										
	MIN GAP										
	MODE	LOCK				LOCK			LOCK		
INIT START	THIS PHASE										

REV	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

Alfred Benesch & Company
200 Greenway Blvd
Suite 200
Greenwich, CT

DESIGNER/DRAFTER: MH, DW, NB
CHECKED BY: RA

CONNECTICUT
DEPARTMENT OF
TRANSPORTATION

PROJECT TITLE:

REPLACEMENT OF BRIDGE NO. 05350
BOSWORTH ROAD OVER MASHAMOQUET BROOK

TOWN(S):

POMFRET

DRAWING TITLE:

MAINTENANCE AND
PROTECTION OF TRAFFIC-
PHASE 2A & 2B

PROJECT NO.:

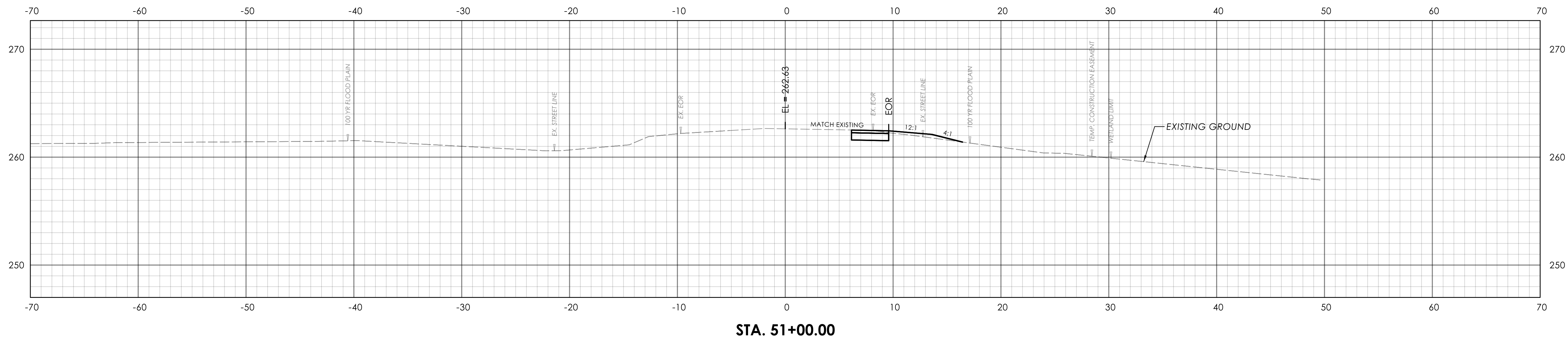
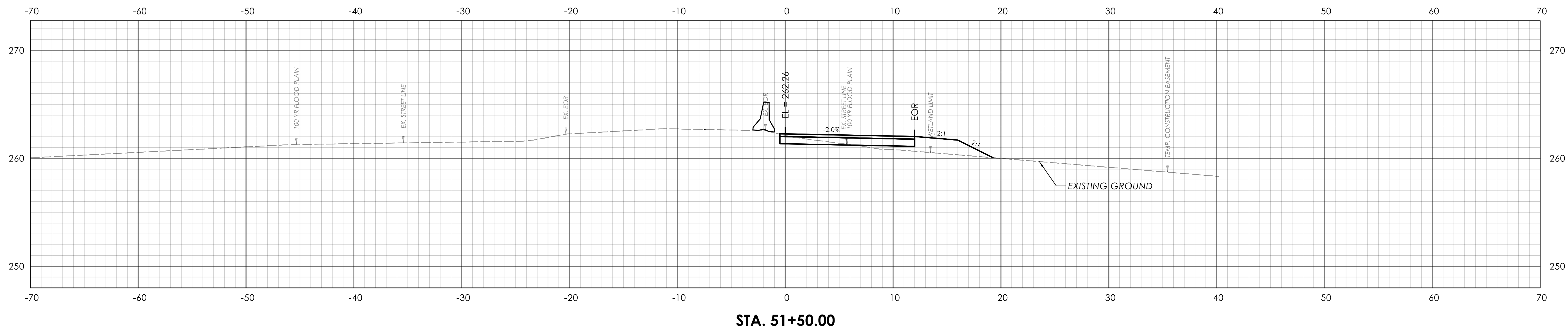
0111-0127

DRAWING NO.:

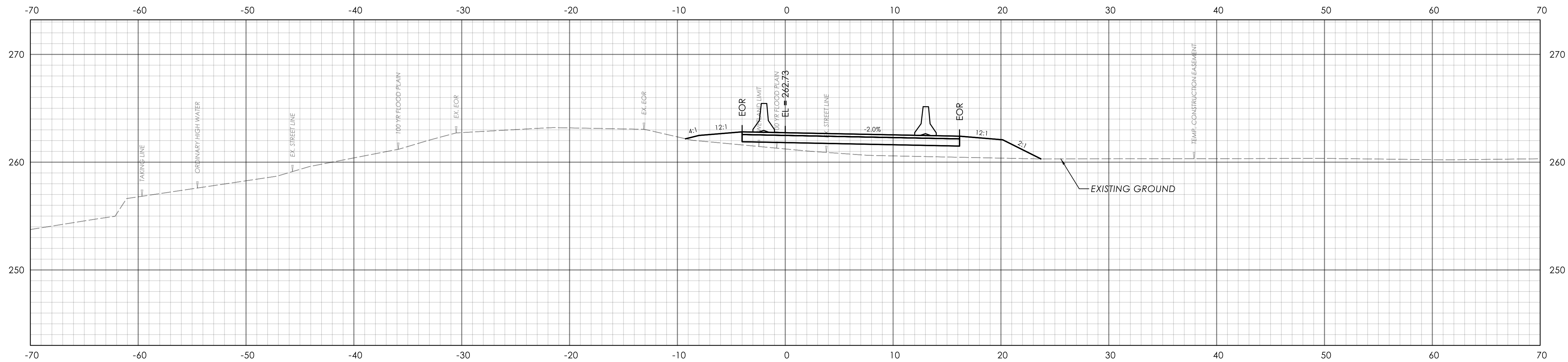
MPT-05

SHEET NO.:

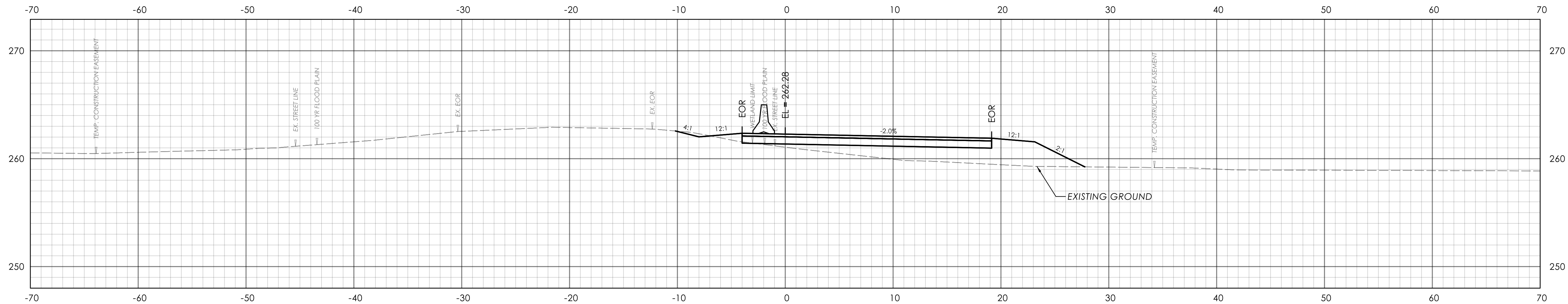
05.06



REV.	DATE	REVISION DESCRIPTION



STA. 52+50.00



STA. 52+00.00

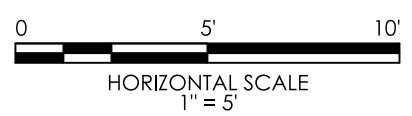
REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

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240 Greenway Blvd.
Suite 200
Greenwich, CT

DESIGNER/DRAFTER: DW

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CONNECTICUT
DEPARTMENT OF
TRANSPORTATION

PROJECT TITLE:

REPLACEMENT OF BRIDGE NO. 05350
BOSWORTH ROAD OVER MASHAMOQUET BROOK

TOWN(S):

POMFRET

DRAWING TITLE:

TEMPORARY ROADWAY
CROSS SECTIONS

PROJECT NO.:

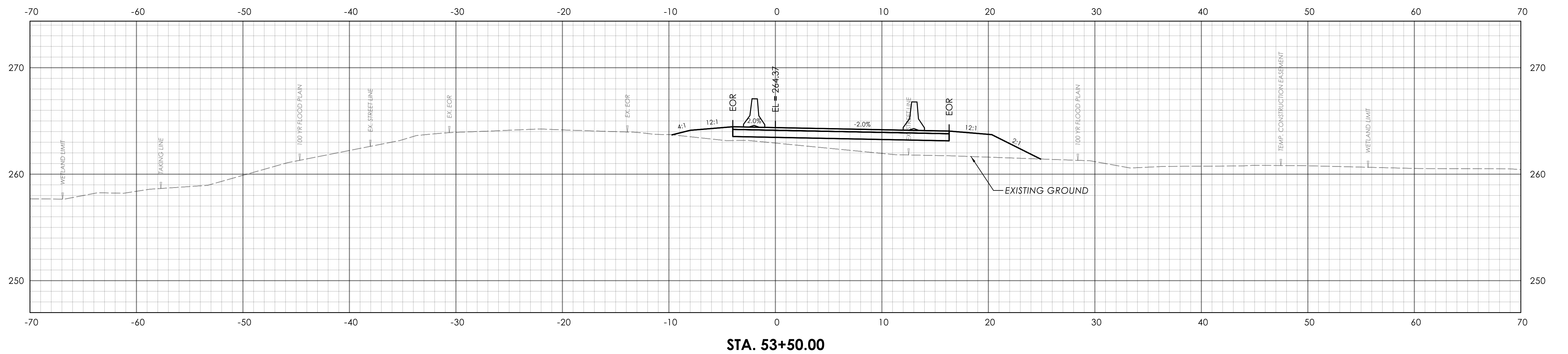
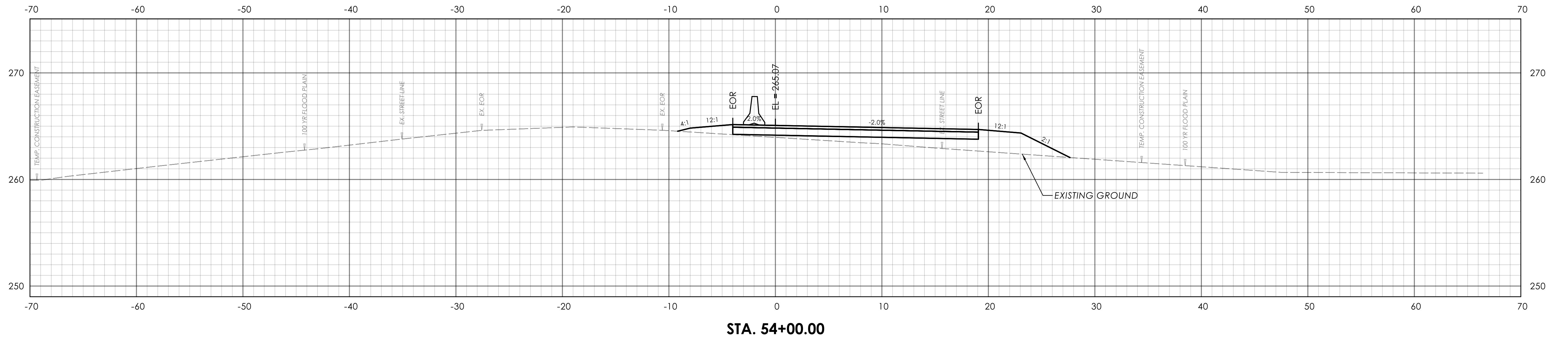
0111-0127

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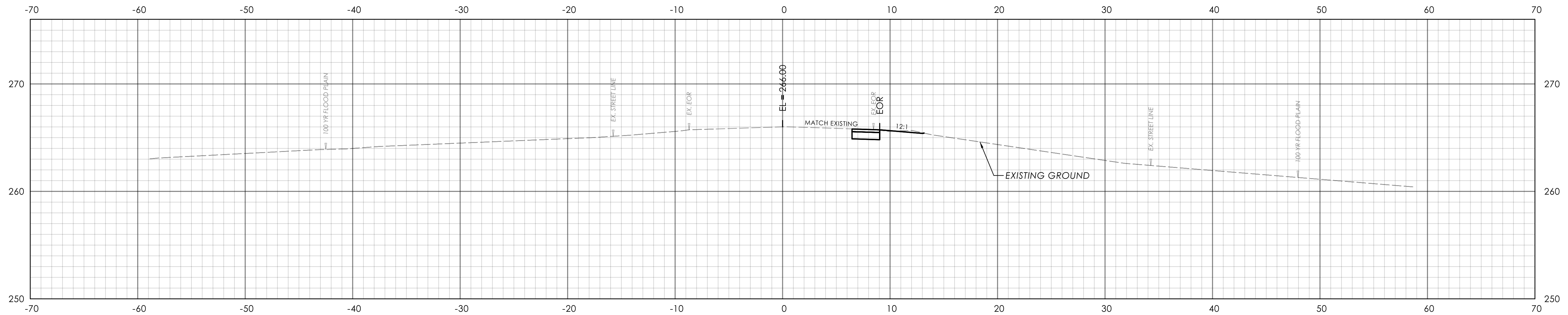
MPT-07

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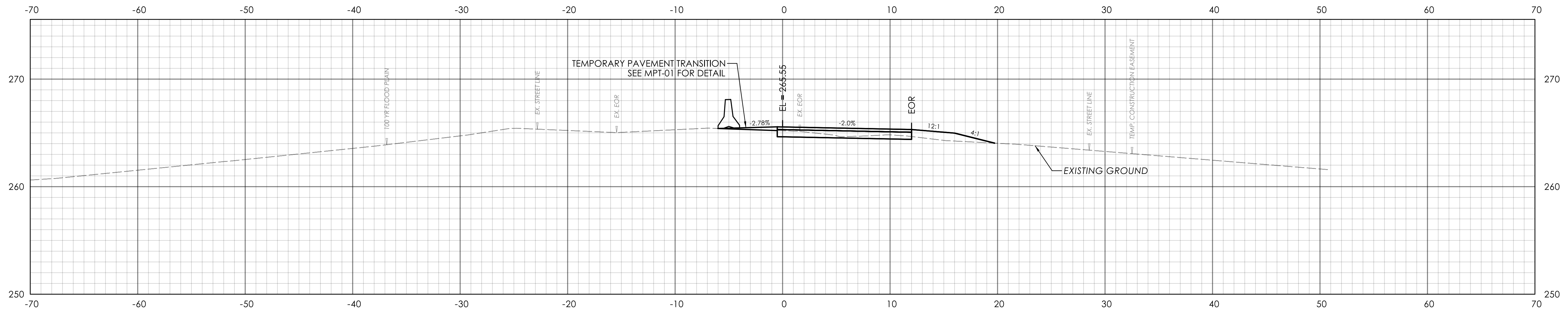
05.08



REV.	DATE	REVISION DESCRIPTION



STA. 55+00.00



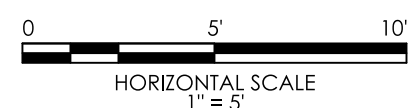
STA. 54+50.00

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:



DESIGNER/DRAFTER: DW CHECKED BY: RA



PROJECT TITLE:

**REPLACEMENT OF BRIDGE NO. 05350
BOSWORTH ROAD OVER MASHAMOQUET BROOK**

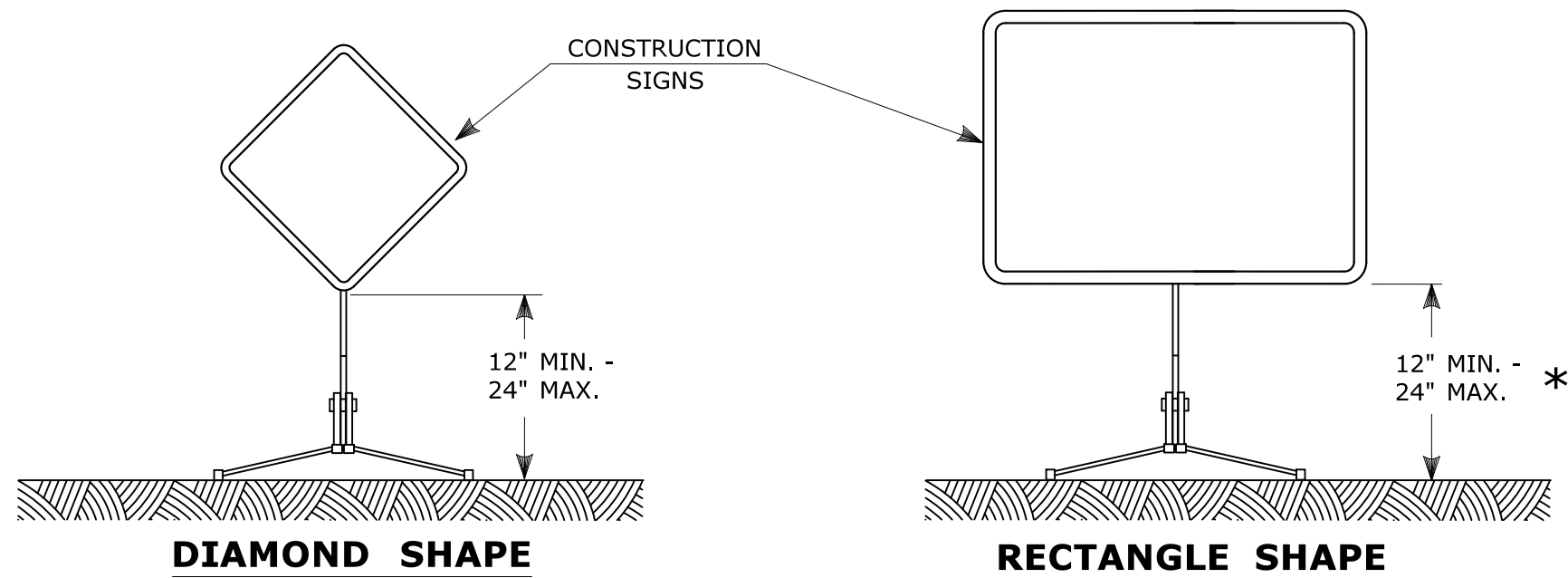
TOWN(S):

**POMFRET**

DRAWING TITLE:

**TEMPORARY ROADWAY
CROSS SECTIONS**

PROJECT NO.:	DRAWING NO.:
0111-0127	MPT-09
	SHEET NO.:
	05.10

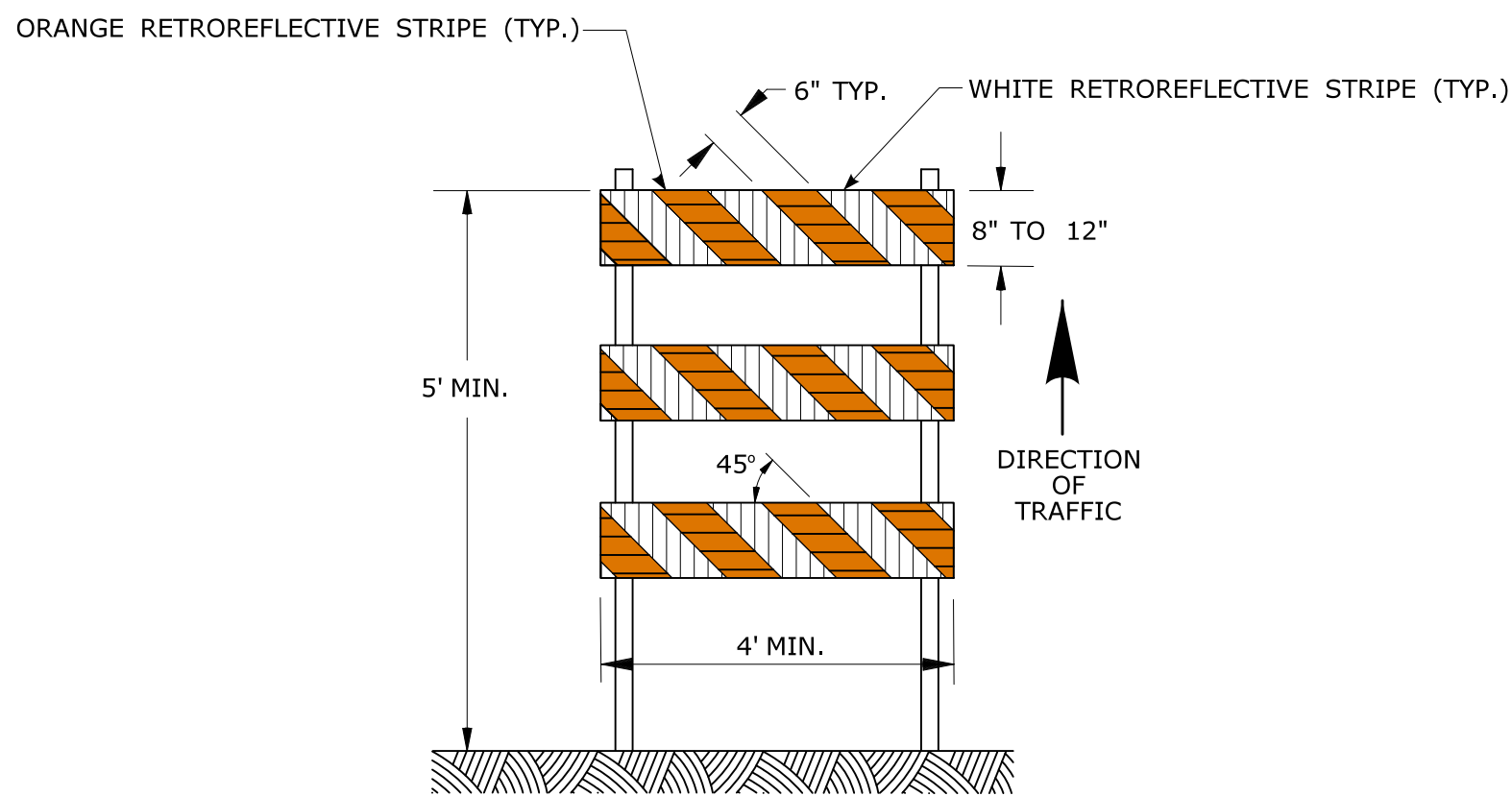


PORTABLE CONSTRUCTION SIGNS

NOTES FOR PORTABLE SIGN SUPPORTS:

- 1. SIGNS AND THEIR PORTABLE SUPPORTS SHALL CONFORM TO THE REQUIREMENTS OF NCHRP REPORT 350 (TL-3) OR THE AASHTO MASH FOR CATEGORY 2 DEVICES AND THE LATEST EDITION OF THE MUTCD.
- 2. MOUNTING HEIGHT OF SIGNS SHALL BE A MINIMUM OF 12" AND A MAXIMUM OF 24". SIGNS SHALL BE MOUNTED HIGHER AS NEEDED TO MEET FIELD CONDITIONS OR AS DIRECTED BY THE ENGINEER.
- 3. PORTABLE SIGN SUPPORTS SHALL BE STABILIZED IN A MANNER THAT WILL NOT AFFECT THEIR COMPLIANCE WITH NCHRP REPORT 350 (TL-3) OR THE AASHTO MASH FOR CATEGORY 2 DEVICES.
- 4. PORTABLE CONSTRUCTION SIGN SUPPORTS SHOULD NOT BE USED FOR DURATION OF MORE THAN 3 DAYS EXCEPT AS OTHERWISE SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER. SEE STANDARD SHEET TR-1220.01 - "SIGNS FOR CONSTRUCTION AND PERMIT OPERATIONS" FOR SIGN DETAILS.

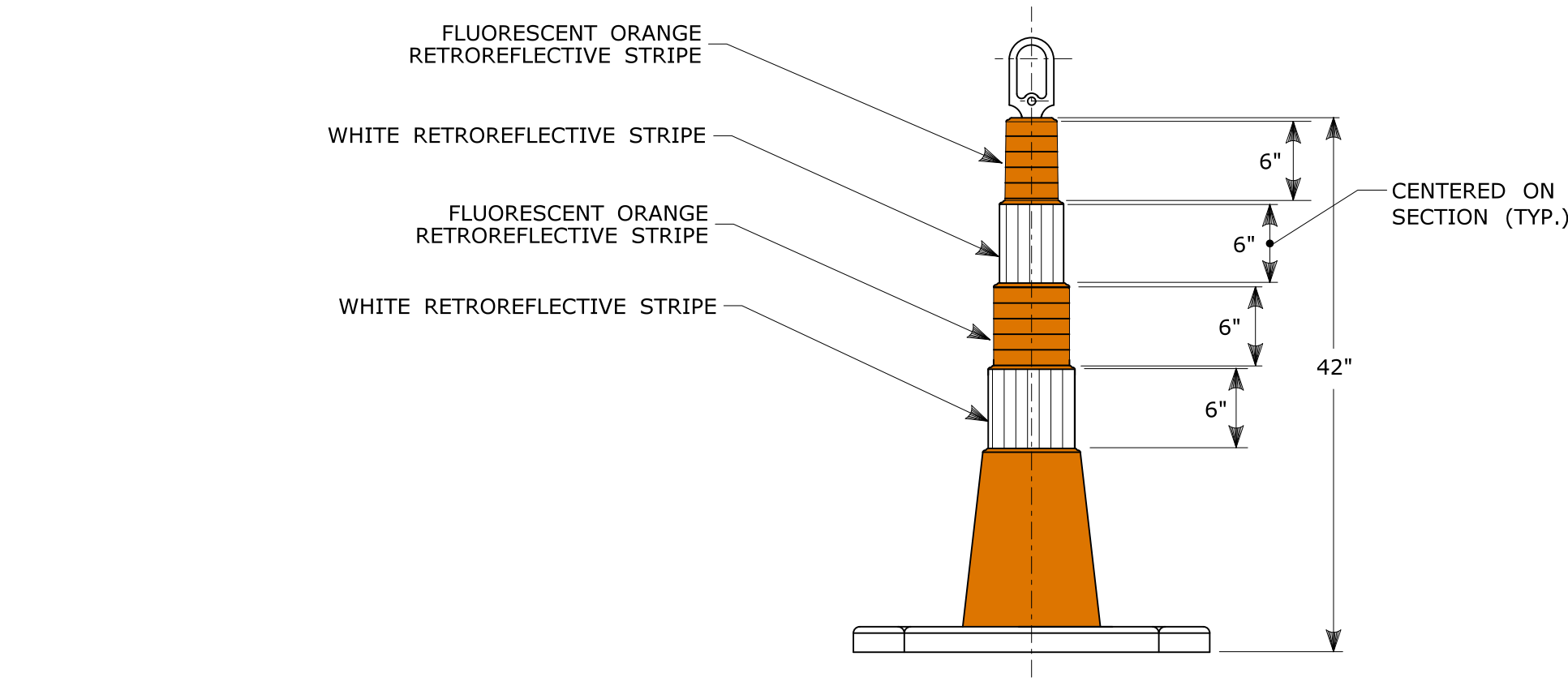
* FOR E5-1 (EXIT SIGNS) USE MIN 48".



TYPE III BARRICADE
CONSTRUCTION BARRICADES

NOTES:

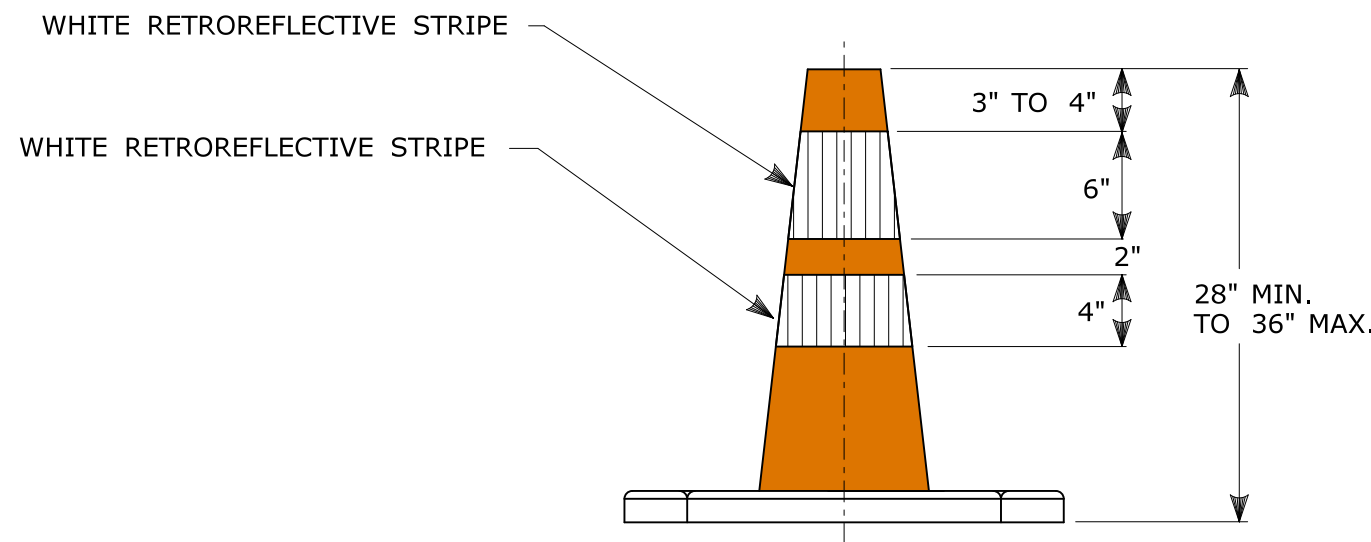
- 1. CONSTRUCTION BARRICADES SHALL CONFORM TO THE REQUIREMENTS OF NCHRP REPORT 350 (TL-3) OR THE AASHTO MASH AND THE LATEST EDITION OF THE MUTCD.
- 2. THE ENTIRE AREA OF ORANGE AND WHITE STRIPES SHALL BE RETROREFLECTIVE SHEETING THE SIDES OF BARRICADES FACING TRAFFIC SHALL HAVE RETROREFLECTIVE RAIL FACES.
- 3. CORNERS OF BARRICADE RAILS SHALL BE ROUNDED.
- 4. SIGNS INSTALLED ON TYPE III BARRICADES SHALL BE PLACED SO AS TO COVER NO MORE THAN 50 PERCENT OF THE TOP TWO RAILS, OR 33 PERCENT OF THE TOTAL AREA OF THE THREE RAILS.
- 5. CONSTRUCTION BARRICADES SHALL BE STABILIZED IN A MANNER THAT WILL NOT AFFECT THEIR COMPLIANCE WITH NCHRP REPORT 350 (TL-3) OR THE AASHTO MASH FOR CATEGORY 2 DEVICES.



42" TRAFFIC CONE

NOTES:

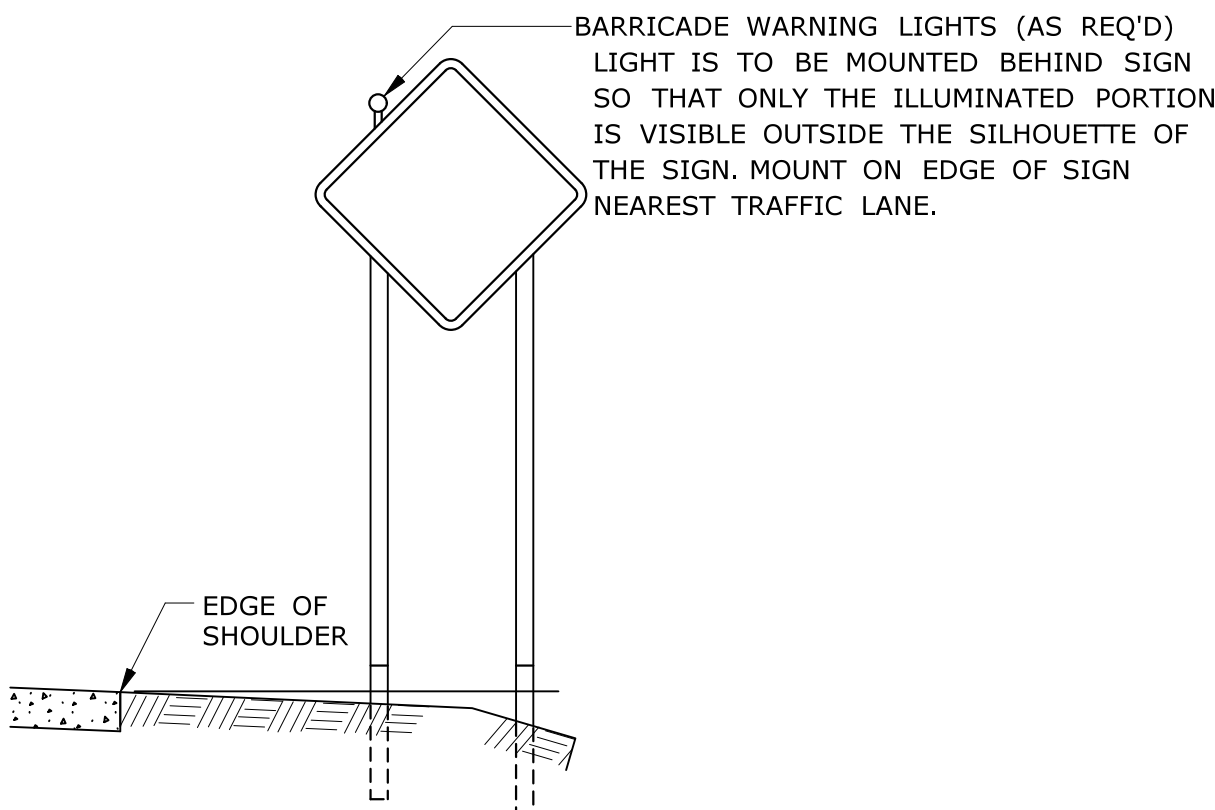
- 1. TRAFFIC CONES SHALL CONFORM TO THE REQUIREMENTS OF NCHRP REPORT 350 (TL-3) OR THE AASHTO MASH FOR CATEGORY 1 DEVICES AND THE LATEST EDITION OF THE MUTCD.
- 2. IF RUBBER CONES ARE USED, THEY SHALL HAVE INTERIOR RIBS FOR RIGIDITY.
- 3. IF PLASTIC CONES ARE USED, THEY SHALL BE COLOR IMPREGNATED.
- 4. THE ENTIRE AREA OF FLUORESCENT ORANGE AND WHITE STRIPES SHALL BE RETROREFLECTIVE SHEETING.
- 5. THE SECTIONS OF CONES NOT COVERED WITH RETROREFLECTIVE STRIPES SHALL BE ORANGE.



TRAFFIC CONE

NOTES:

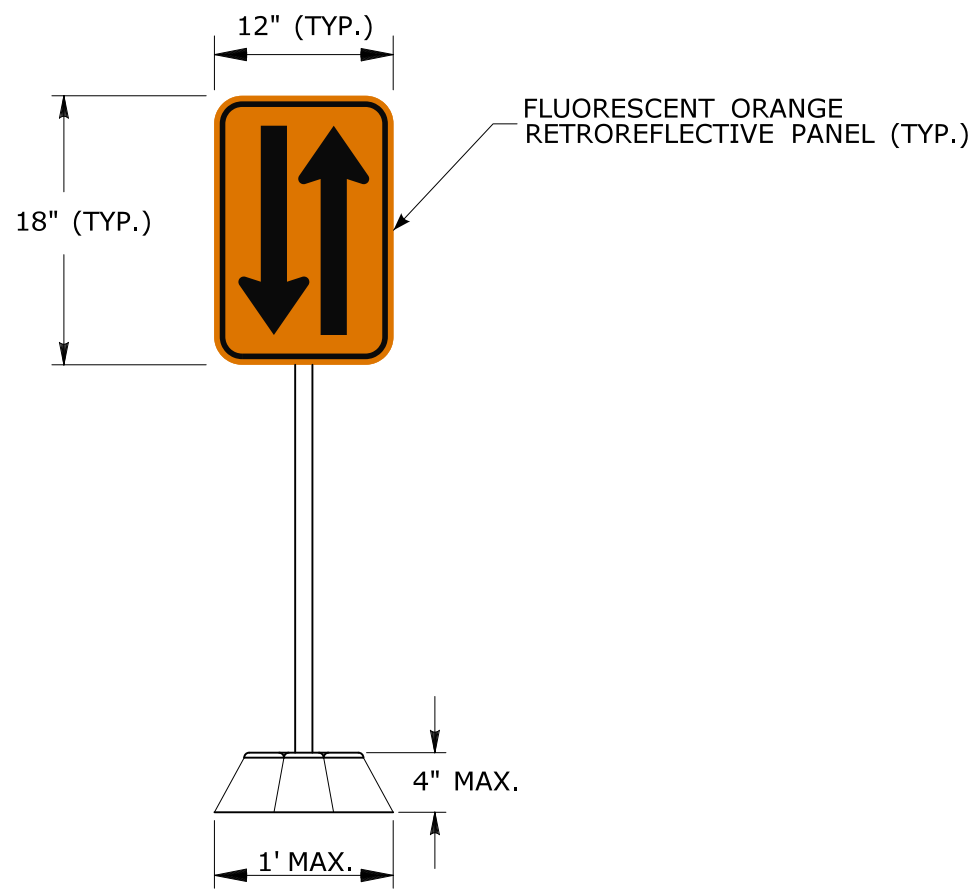
- 1. TRAFFIC CONES SHALL CONFORM TO THE REQUIREMENTS OF NCHRP REPORT 350 (TL-3) OR MASH FOR CATEGORY 1 DEVICES AND THE LATEST EDITION OF THE MUTCD.
- 2. IF RUBBER CONES ARE USED, THEY SHALL HAVE INTERIOR RIBS FOR RIGIDITY.
- 3. IF PLASTIC CONES ARE USED, THEY SHALL BE COLOR IMPREGNATED.
- 4. THE ENTIRE AREA OF WHITE STRIPES SHALL BE RETROREFLECTIVE SHEETING.
- 5. THE SECTIONS OF CONES NOT COVERED WITH RETROREFLECTIVE STRIPES SHALL BE ORANGE.



PLACEMENT OF BARRICADE WARNING
LIGHTS ON CONSTRUCTION SIGNS

NOTES:

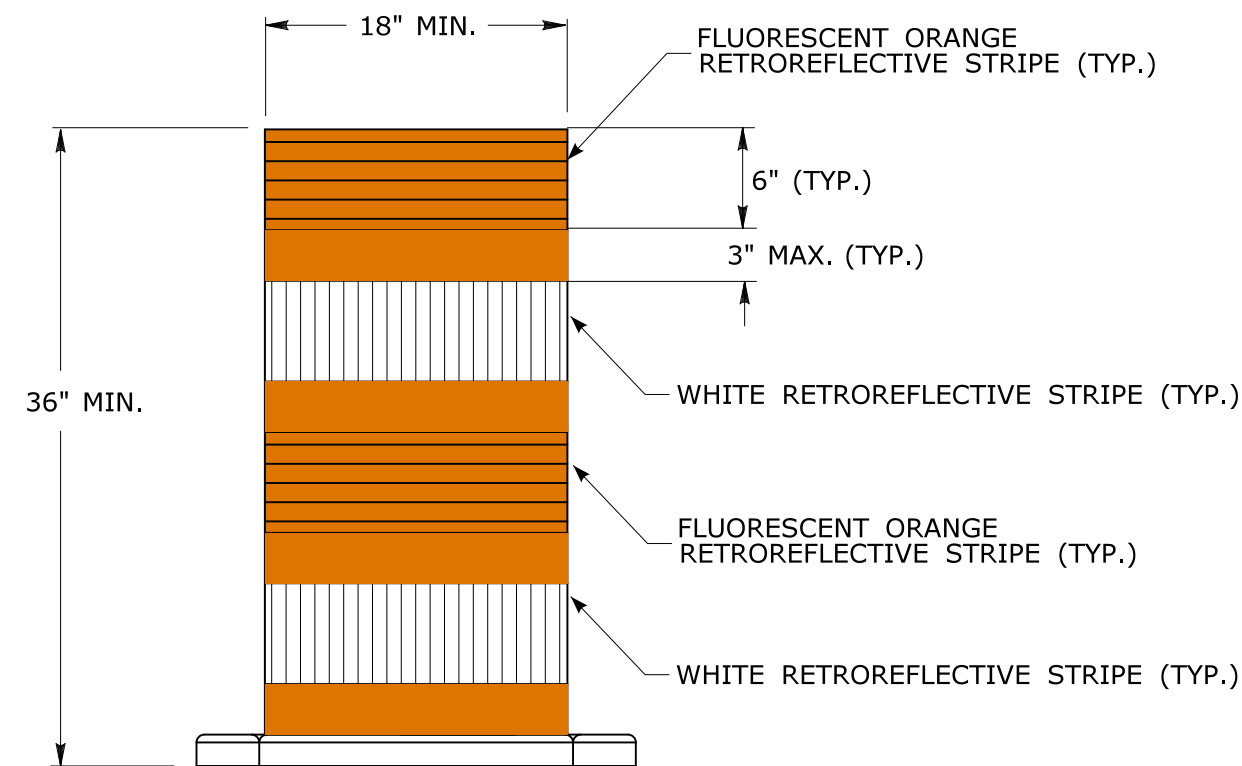
- 1. SUPPORTS SHALL BE METAL SIGN POSTS AND HAVE BREAK-AWAY FEATURES.
- 2. REFER TO STANDARD SHEETS:
TR-1208.01 - "SIGN PLACEMENT AND RETROREFLECTIVE STRIP DETAILS."
TR-1208.02 - "METAL SIGN POSTS AND SIGN MOUNTING DETAILS."



OPPOSING TRAFFIC LANE DIVIDERS
(TEMPORARY LANE SEPARATOR)

NOTES:

- 1. THE OPPOSING TRAFFIC LANE DIVIDERS SHALL BE MOUNTED BACK TO BACK ON A FLEXIBLE SUPPORT POST. THE POST SHALL BE MOUNTED TO A BASE.
- 2. THE LONGITUDINAL BASE SHALL HAVE SLOPING SIDES IN ORDER TO FACILITATE CROSSOVER BY EMERGENCY VEHICLES.



TRAFFIC DRUM
FRONT VIEW

NOTES:

- 1. TRAFFIC DRUM SHALL CONFORM TO THE REQUIREMENTS OF NCHRP REPORT 350 (TL-3) OR THE AASHTO MASH FOR CATEGORY 1 DEVICES AND THE LATEST EDITION OF THE MUTCD.
- 2. THE ENTIRE AREA OF FLUORESCENT ORANGE AND WHITE STRIPES SHALL BE RETROREFLECTIVE SHEETING.
- 3. THE SECTIONS OF DRUMS NOT COVERED WITH RETROREFLECTIVE STRIPES SHALL BE ORANGE.

GENERAL NOTE:

FLEXIBLE SHEETING FOR DRUMS, CONES, & BARRICADES SHALL BE TYPE IV MINIMUM AS APPROVED IN THE QUALIFIED PRODUCTS LIST.

REV.	DATE	REVISION DESCRIPTION
1	12/2025	NEW SHEET ISSUED

SIGNATURE BLOCK:			NOT TO SCALE		PROJECT TITLE:		TOWN(S):		DRAWING TITLE:		PROJECT NO.:		DRAWING NO.:	
DESIGNER/DRAFTER: S. DRISCOLL			CHECKED BY: Q. BECOTTE		CTDOT TRAFFIC ENGINEERING GUIDE SHEET		POMFRET-		CONSTRUCTION SIGN SUPPORTS AND CHANNELIZING DEVICES		0111-0127		TR-GS_14	
LASTED SAVED BY: njbrown			FILE NAME: c:\pwwordir\benesch projects\projects\0254430\TR-GS_CONSTRUCTION SIGNS.DGN		CONNECTICUT DEPARTMENT OF TRANSPORTATION		POMFRET-		CONSTRUCTION SIGN SUPPORTS AND CHANNELIZING DEVICES		0111-0127		SHEET NO.:	
PLOTTED DATE: 9/14/2026													05.13	