02 - ROADWAY
INDEX OF DRAWINGS

DRAWING NUMBER	DRAWING TITLE	DRAWING NUMBER	DRAWING TITLE
INX-01	ROADWAY INDEX OF DRAWINGS		
TYP-01 - TYP-02	TYPICAL SECTIONS		
MDS-01 - MDS-12	MISCELLANEOUS DETAIL SHEETS		
GLP-01	GEOMETRIC LAYOUT AND SURVEY LAYOUT AND TIE SHEET		
RDWY-01	ROADWAY PLAN		
PRO-01 - PRO-02	ROADWAY PROFILES		
XSC-01 - XSC-05	ROADWAY CROSS SECTIONS		
GRA-01	GRADING PLAN		

STATE OF CONNECTICUT
RONALD G. SACCHI
No. 16588
LICENSED
PROFESSIONAL ENGINEER

Ronald Sacchi
GM2 Associates, Inc.
rsacchi@gm2inc.com
2026.08.12 15:50:26-04'00'

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:
GM2 ASSOCIATES, INC.
115 GLASTONBURY BLVD.
GLASTONBURY, CT 06033

DESIGNER/DRAFTER: C. VERGE CHECKED BY: M. VAIL

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 04184 CARRYING OREGON ROAD OVER QUINNIPIAC RIVER

TOWN(S):
CITY OF MERIDEN

DRAWING TITLE:
ROADWAY INDEX OF DRAWINGS

PROJECT NO.:
L079-0004

DRAWING NO.:
INX-01

SHEET NO.:
02.01

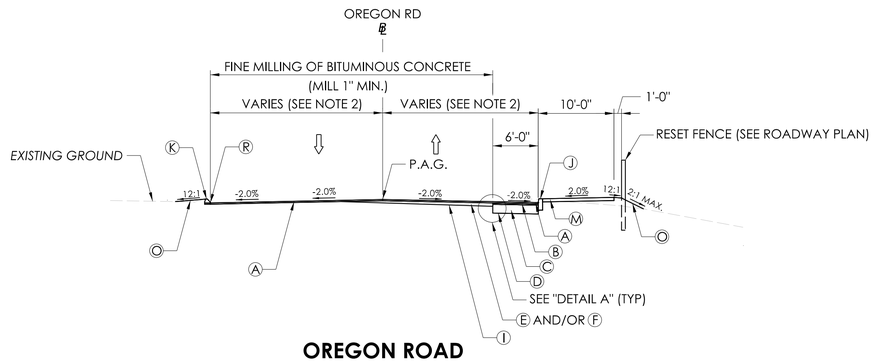
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PLOTTED DATE: 5/12/2026

NOTES:

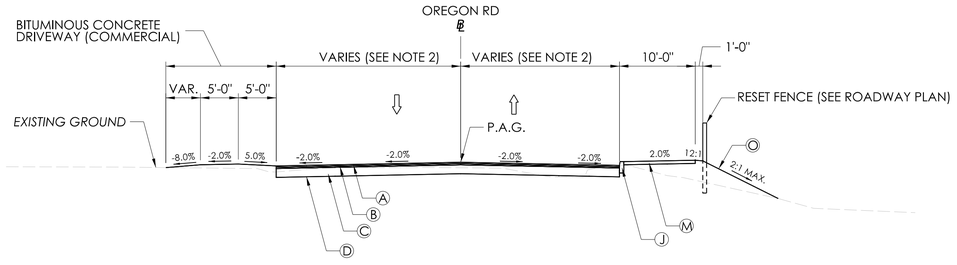
1. SEE INTERSECTION GRADING PLAN FOR DETAILS.
2. SEE ROADWAY PLAN FOR DETAILS.
3. SEE CROSS SECTIONS FOR CROSS SLOPES.
4. WITHIN MILL & OVERLAY AREAS, FINISH GRADE IS TO BE ESTABLISHED THROUGH THE USE OF MILLING, VARIABLE MILLING, BITUMINOUS PAVEMENT WEDGING, BITUMINOUS CONCRETE OVERLAYS OR ANY COMBINATION THEREOF.

   FINAL TOTAL BITUMINOUS PAVEMENT STRUCTURE WITHIN MILLED AREAS, CONSISTING OF EXISTING PAVEMENT TO REMAIN PLUS NEW OVERLAYS, SHALL BE:
   OREGON ROAD: 4" MINIMUM.
   RIVER ROAD (CT ROUTE 70): THE GREATER OF 6" OR MATCH EXISTING BITUMINOUS PAVEMENT DEPTH

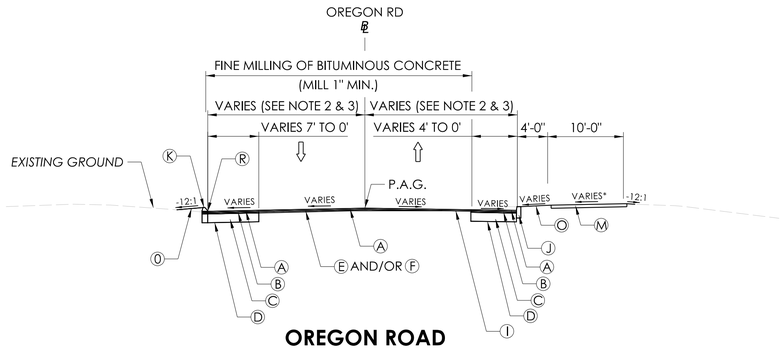
   THE FINAL RIDING COURSE FOR ALL ROADS SHALL BE APPLIED AS A UNIFORM 2" LIFT FROM GUTTER TO GUTTER.



OREGON ROAD
STA. 13+00 TO STA. 13+98



OREGON ROAD
EAST APPROACH TO BRIDGE NO. 04184
FROM BRIDGE TO STA. 13+00

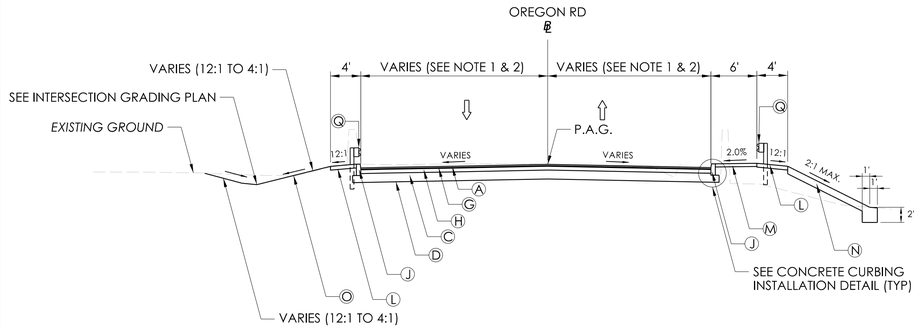


OREGON ROAD
STA. 15+00 TO STA. 17+65.76

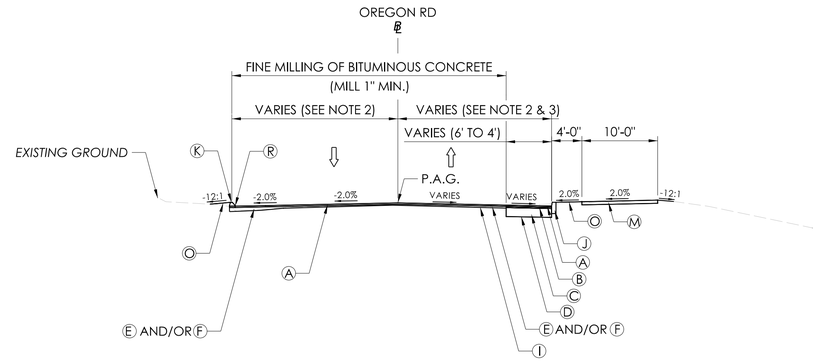
MATCH EXISTING ROADWAY WIDTH AND GRADE AT STA. 16+57.70

* SIDEWALK CROSS SLOPE TRANSITIONS:

EXISTING (1% ±) TO -2.0%	STA. 16+11 TO STA. 16+31
-2% TO -2%	STA. 16+31 TO STA. 17+50
-2% TO EXISTING (-1% ±)	STA. 17+50 TO STA. 17+60



OREGON ROAD
WEST APPROACH TO BRIDGE NO. 04184



OREGON ROAD
STA. 13+98 TO STA. 15+00

LEGEND

A	2" - HMA S0.5 - TRAFFIC LEVEL 2 (SURFACE LIFT)
B	2" - HMA S0.5 - TRAFFIC LEVEL 2 (BASE LIFT)
C	14" - PROCESSED AGGREGATE BASE
D	FORMATION OF SUBGRADE
E	HMA S0.375 - TRAFFIC LEVEL 2 - WEDGE COURSE
F	HMA S0.25 - TRAFFIC LEVEL 2 - WEDGE COURSE
G	1" - HMA S0.25 - TRAFFIC LEVEL 2 - LEVELING COURSE
H	6" - HMA S1.0 - TRAFFIC LEVEL 2 (PLACE IN TWO EQUAL LIFTS)
I	TACK COAT
J	6" CONCRETE CURBING
K	6" BITUMINOUS CONCRETE LIP CURBING
L	6" DEEP - PROCESSED AGGREGATE
M	5 ½" THICK - CONCRETE SIDEWALK (SEE CONCRETE SIDEWALK DETAIL)
N	12" THICK - MODIFIED RIPRAP, ON 6" MIN. GRANULAR FILL
O	4" THICK TOPSOIL AND TURF ESTABLISHMENT (LAWN)
P	METAL BEAM RAIL (R-B MASH)
Q	METAL BEAM RAIL (R-B 350)
R	MATCH HORIZONTAL OFFSET OF EXISTING EDGE OF PAVEMENT

REVISION DESCRIPTION | DATE | REV.

SIGNATURE BLOCK:
GM2 ASSOCIATES, INC.
115 GLASTONBURY BLVD.
GLASTONBURY, CT 06033
DESIGNER/DRAFTER: C. VERGE CHECKED BY: M. VAIL

HORIZONTAL SCALE 1" = 10' (0, 10, 20)

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 04184 CARRYING OREGON ROAD OVER QUINNIPIAC RIVER**

TOWN(S): **CITY OF MERIDEN**

DRAWING TITLE: **OREGON ROAD TYPICAL SECTIONS**

PROJECT NO.: **L079-0004**

DRAWING NO.: **TYP-01**

SHEET NO.: 02.02

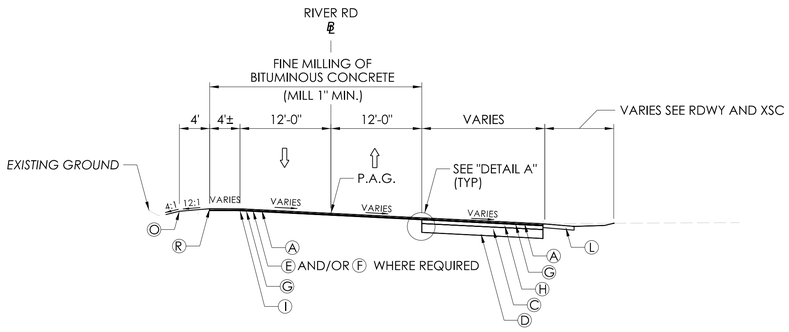
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PLOTTED DATE: 5/12/2026

NOTES:

1. SEE INTERSECTION GRADING PLAN FOR DETAILS.
2. SEE ROADWAY PLAN FOR DETAILS.
3. SEE CROSS SECTIONS FOR CROSS SLOPES.
4. WITHIN MILL & OVERLAY AREAS, FINISH GRADE IS TO BE ESTABLISHED THROUGH THE USE OF MILLING, VARIABLE MILLING, BITUMINOUS PAVEMENT WEDGING, BITUMINOUS CONCRETE OVERLAYS OR ANY COMBINATION THEREOF.

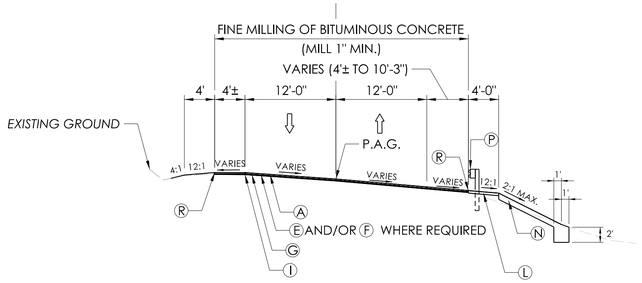
   FINAL TOTAL BITUMINOUS PAVEMENT STRUCTURE WITHIN MILLED AREAS, CONSISTING OF EXISTING PAVEMENT TO REMAIN PLUS NEW OVERLAYS, SHALL BE:
   OREGON ROAD: 4" MINIMUM.
   RIVER ROAD (CT ROUTE 70): THE GREATER OF 6" OR MATCH EXISTING BITUMINOUS PAVEMENT DEPTH

   THE FINAL RIDING COURSE FOR ALL ROADS SHALL BE APPLIED AS A UNIFORM 2" LIFT FROM GUTTER TO GUTTER.



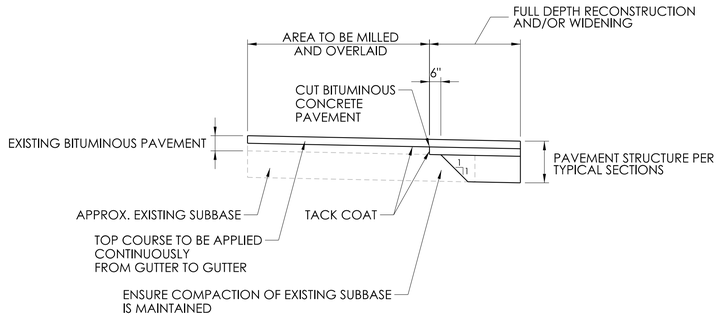
RIVER ROAD (CT. ROUTE 70)
STA. 3+25 TO STA. 5+15

MATCH EXISTING ROADWAY WIDTH AND GRADE AT STA. 5+00
SEE CROSS SECTIONS FOR CROSS SLOPES



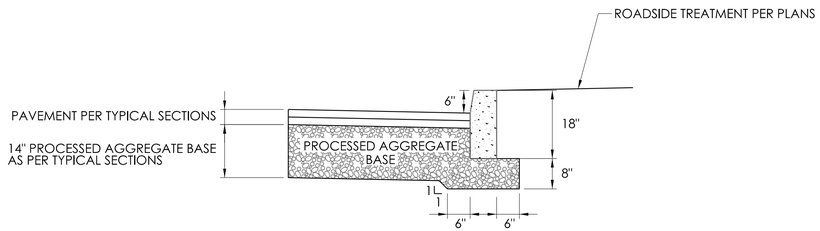
RIVER ROAD (CT. ROUTE 70)
STA. 2+00 TO STA. 3+25

MATCH EXISTING ROADWAY WIDTH AND GRADE AT STA. 2+34
SEE CROSS SECTIONS FOR CROSS SLOPES



DETAIL A

NOT TO SCALE



CONCRETE CURBING INSTALLATION DETAIL

NOT TO SCALE

LEGEND

- (A) 2" - HMA S0.5 - TRAFFIC LEVEL 2 (SURFACE LIFT)
- (B) 2" - HMA S0.5 - TRAFFIC LEVEL 2 (BASE LIFT)
- (C) 14" - PROCESSED AGGREGATE BASE
- (D) FORMATION OF SUBGRADE
- (E) HMA S0.375 - TRAFFIC LEVEL 2 - WEDGE COURSE
- (F) HMA S0.25 - TRAFFIC LEVEL 2 - WEDGE COURSE
- (G) 1" - HMA S0.25 - TRAFFIC LEVEL 2 - LEVELING COURSE
- (H) 6" - HMA S1.0 - TRAFFIC LEVEL 2 (PLACE IN TWO EQUAL LIFTS)
- (I) TACK COAT
- (J) 6" CONCRETE CURBING
- (K) 6" BITUMINOUS CONCRETE LIP CURBING
- (L) 6" DEEP - PROCESSED AGGREGATE
- (M) 5 ½" THICK - CONCRETE SIDEWALK (SEE CONCRETE SIDEWALK DETAIL)
- (N) 12" THICK - MODIFIED RIPRAP, ON 6" MIN. GRANULAR FILL
- (O) 4" THICK TOPSOIL AND TURF ESTABLISHMENT (LAWN)
- (P) METAL BEAM RAIL (R-B MASH)
- (Q) METAL BEAM RAIL (R-B 350)
- (R) MATCH HORIZONTAL OFFSET OF EXISTING EDGE OF PAVEMENT

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK: GM2 ASSOCIATES, INC. 115 GLASTONBURY BLVD. GLASTONBURY, CT 06033
DESIGNER/DRAFTER: C. VERGE CHECKED BY: M. VAIL

0 10 20
HORIZONTAL SCALE 1" = 10'

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 04184 CARRYING OREGON ROAD OVER QUINNIPIAC RIVER

TOWN(S): CITY OF MERIDEN

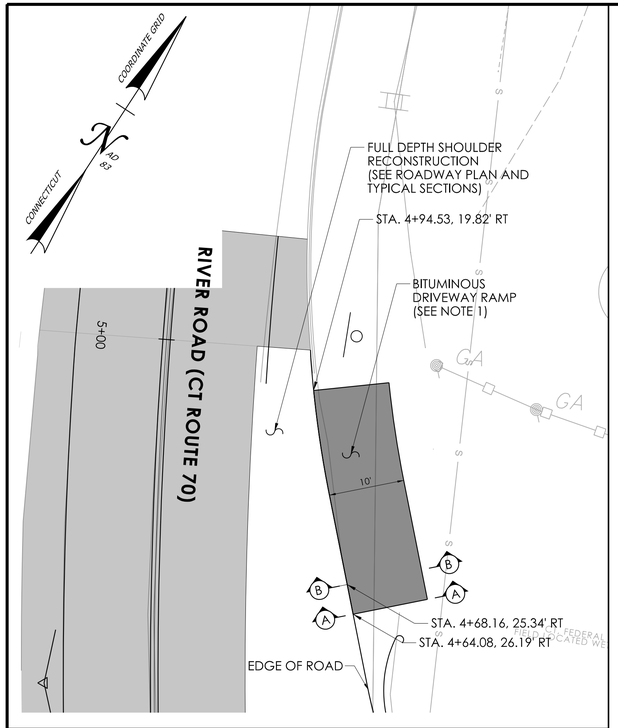
DRAWING TITLE: RIVER ROAD TYPICAL SECTIONS & ROADWAY TYPICAL DETAILS

PROJECT NO.: L079-0004

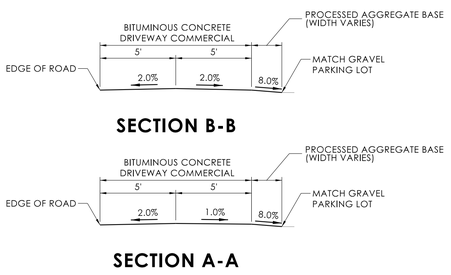
DRAWING NO.: TYP-02

SHEET NO.: 02.03

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PLOTTED DATE: 5/12/2026



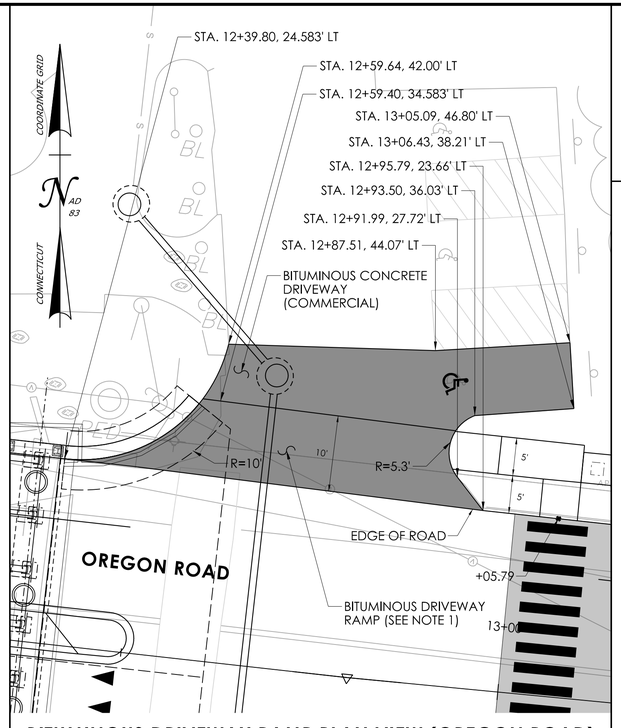
BITUMINOUS DRIVEWAY RAMP PLAN VIEW (RIVER ROAD)



SECTION B-B

SECTION A-A

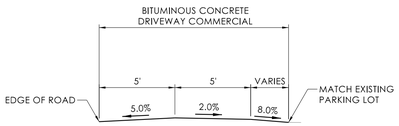
BITUMINOUS DRIVEWAY RAMP SECTION VIEW (RIVER ROAD)



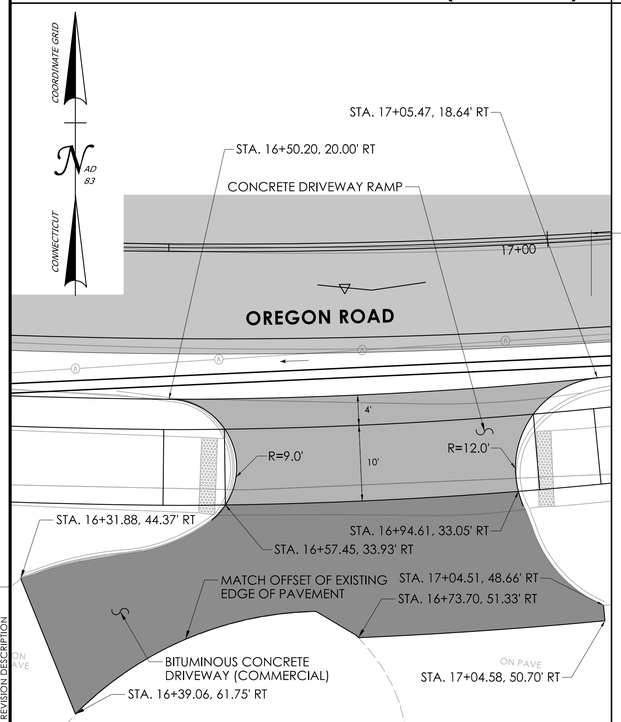
BITUMINOUS DRIVEWAY RAMP PLAN VIEW (OREGON ROAD)

NOTES

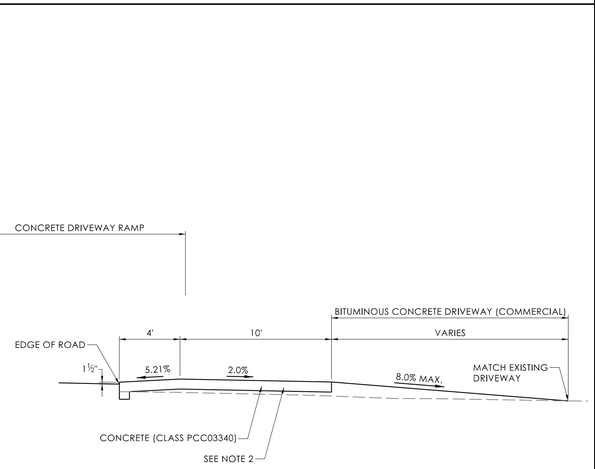
1. BITUMINOUS CONCRETE DRIVEWAY RAMPS ARE TO BE PAID FOR UNDER ITEM NO. 0922500 - BITUMINOUS CONCRETE DRIVEWAY (COMMERCIAL) - S.Y.
2. SEE CTDOT STANDARD SHEET HW-924_01 FOR ADDITIONAL DETAILS.



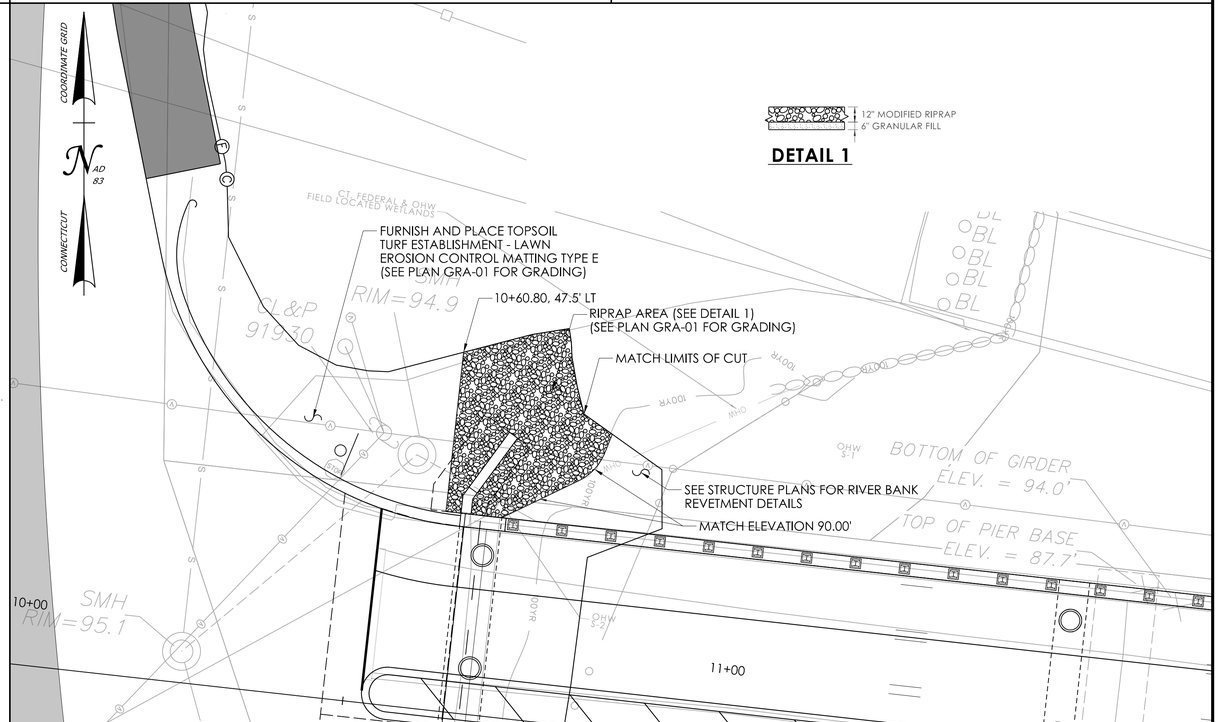
BITUMINOUS DRIVEWAY RAMP SECTION VIEW (OREGON ROAD)



CONCRETE DRIVEWAY RAMP PLAN VIEW (OREGON ROAD)



CONCRETE DRIVEWAY RAMP SECTION VIEW (OREGON ROAD)



REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK: GM2 ASSOCIATES, INC. 115 GLASTONBURY BLVD. GLASTONBURY, CT 06033
DESIGNER/DRAFTER: C. VERGE CHECKED BY: M. VAIL

NOT TO SCALE

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 04184 CARRYING OREGON ROAD OVER QUINNIPIAC RIVER**

TOWN(S): **CITY OF MERIDEN**

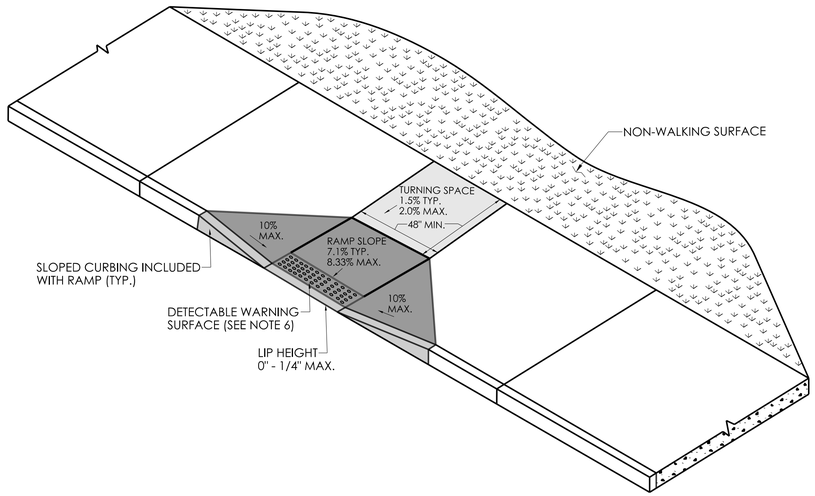
DRAWING TITLE: **MISCELLANEOUS DETAIL SHEET - DRIVEWAY RAMPS**

PROJECT NO.: **L079-0004**

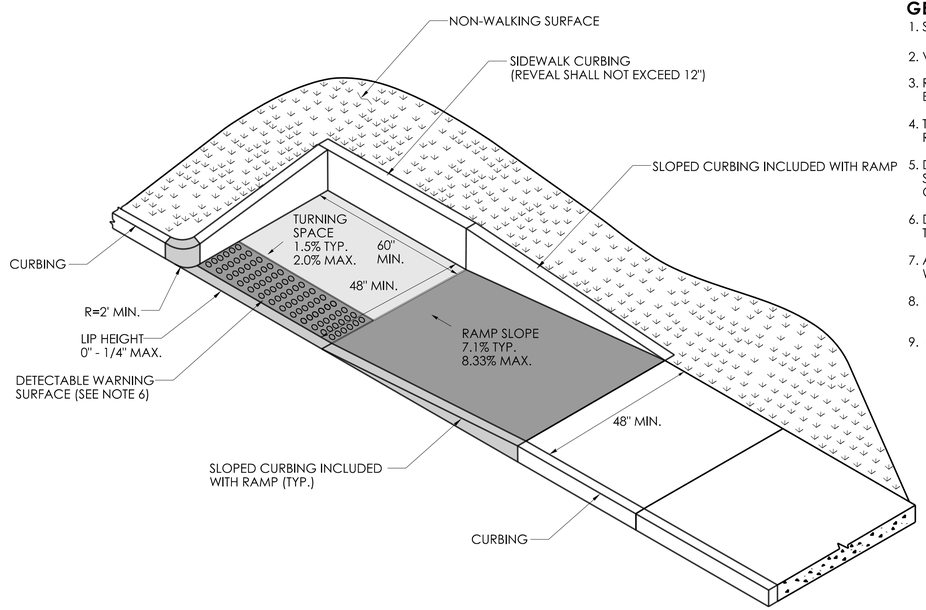
DRAWING NO.: **MDS-01**

SHEET NO.: 02.04

LASTED SAVED BY: PBarbosa **FILE NAME:** M:\41097_Oregon_Rd_Meriden\300_Engineering & Design\325-Highways\Contract Plans\HW_MSH_41097_MDS.dgn
PLOTTED DATE: 5/12/2026



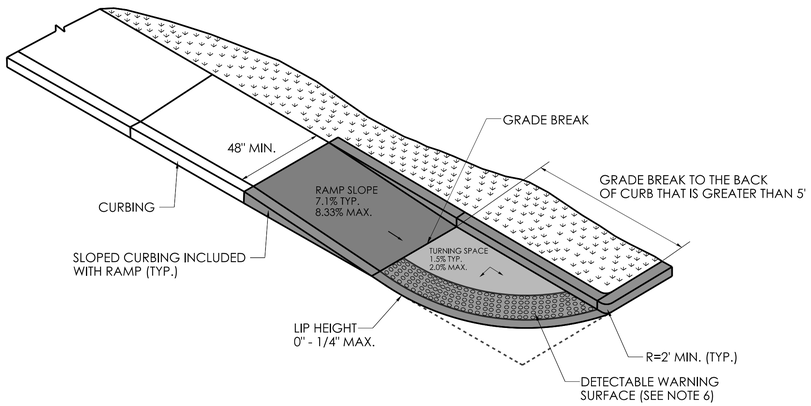
PERPENDICULAR RAMP
WITH 48" BY-PASS
(TYPE 8)



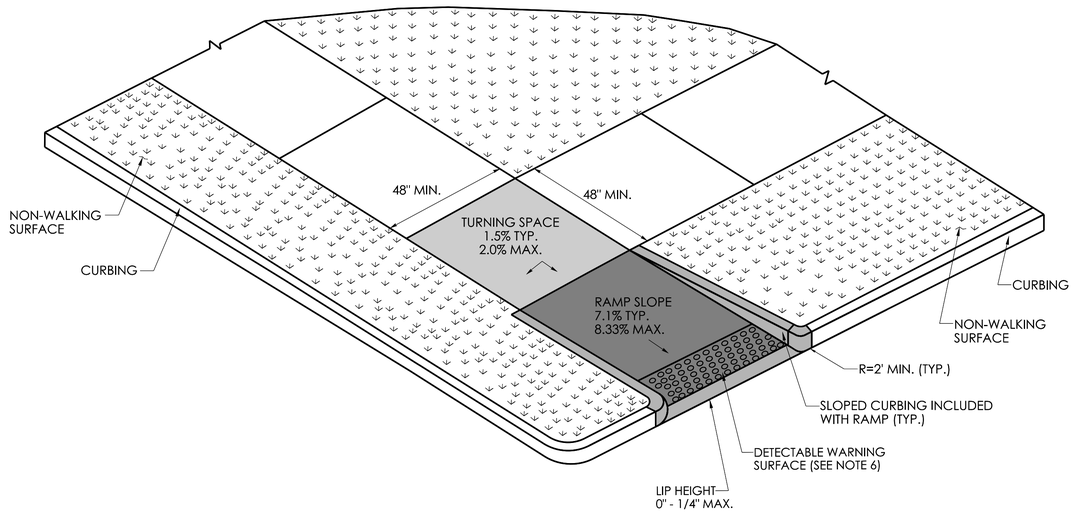
PARALLEL RAMP
WITH TURNING SPACE
CONSTRAINED ON TWO (2) OR MORE SIDES
(TYPE 10b)

GENERAL NOTES:

1. SIDEWALK RAMPS SHALL HAVE A COARSE BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
2. VERTICAL SURFACE DISCONTINUITIES AT JOINTS SHALL NOT EXCEED ¼ INCH.
3. REMOVAL OF EXISTING SIDEWALK FOR NEW RAMP INSTALLATIONS SHALL BE TO THE NEAREST EXPANSION OR CONTRACTION JOINT.
4. THE RUNNING SLOPE OF THE CURB RAMP SHALL BE 8.33 PERCENT MAXIMUM BUT SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET.
5. DETECTABLE WARNING SURFACES SHALL BE INSTALLED ON SIDEWALK RAMPS AT PEDESTRIAN STREET CROSSINGS, PEDESTRIAN REFUGE ISLANDS AND RAILROAD CROSSINGS ALONG STREETS OR HIGHWAYS.
6. DETECTABLE WARNING SURFACES SHALL EXTEND 2 FEET MIN. IN THE DIRECTION OF PEDESTRIAN TRAVEL AND SPAN THE ENTIRE RAMP OPENING.
7. ALL GUIDESHEET VALUES COMPLY WITH PROWAG DRAFT 2013 GUIDELINES. UPDATED VALUES WILL BE MADE TO COMPLY WITH PROWAG FINAL RULE ONCE OFFICIALLY THE LAW.
8. CTDOT DESIGN STANDARD USE THE PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) SEE ENGINEERING DIRECTIVE ED-2019-7.
9. CURB RAMPS SHALL BE CONSTRUCTED SO THAT WATER WILL NOT ACCUMLATE WITHIN THE PEDESTRIAN ACCESS ROUTE.



SINGLE DIRECTION PERPENDICULAR RAMP
GRADE BREAK TO THE BACK OF CURB
GREATER THAN 5'
(TYPE 14)



RESTRICTED PEDESTRIAN CROSSING SIDEWALK RAMP
WITH NON-WALKING SURFACE
(TYPE 20)

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:
GM2 ASSOCIATES, INC.
115 GLASTONBURY BLVD.
GLASTONBURY, CT. 06033
DESIGNER/DRAFTER: C. VERGE CHECKED BY: M. VAIL

NOT TO SCALE

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 04184 CARRYING OREGON ROAD OVER QUINNIPIAC RIVER**

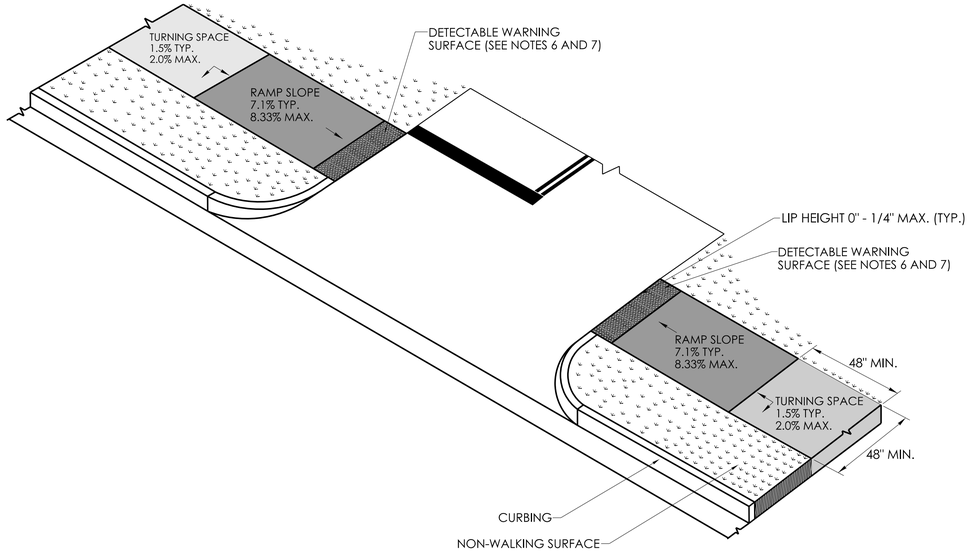
TOWN(S): **CITY OF MERIDEN**

DRAWING TITLE: **MISCELLANEOUS DETAIL SHEET - SIDEWALK RAMPS**

PROJECT NO.: **L079-0004**

DRAWING NO.: **MDS-02**
SHEET NO.: 02.05

LASTED SAVED BY: CVerge **FILE NAME:** M:\41097_Oregon_Rd_Meriden\300_Engineering & Design\325-Highways\Contract Plans\HW_MSH_41097_MDS.dgn
PLOTTED DATE: 5/12/2026



DRIVEWAY CROSSING SIGNALIZED, STOP CONTROLLED OR YIELD WITH DETECTABLE WARNING SURFACE AND NON WALKING SURFACE

(TYPE 29)

GENERAL NOTES:

1. SIDEWALK RAMPS SHALL HAVE A COARSE BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
2. VERTICAL SURFACE DISCONTINUITIES AT JOINTS SHALL NOT EXCEED ¼ INCH.
3. REMOVAL OF EXISTING SIDEWALK FOR NEW RAMP INSTALLATIONS SHALL BE TO THE NEAREST EXPANSION OR CONTRACTION JOINT.
4. THE RUNNING SLOPE OF THE CURB RAMP SHALL BE 8.33 PERCENT MAXIMUM BUT SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET.
5. DETECTABLE WARNING SURFACES SHALL BE INSTALLED ON SIDEWALK RAMPS AT PEDESTRIAN STREET CROSSINGS, PEDESTRIAN REFUGE ISLANDS AND RAILROAD CROSSINGS ALONG STREETS OR HIGHWAYS.
6. DETECTABLE WARNING SURFACES SHALL EXTEND 2 FEET MIN. IN THE DIRECTION OF PEDESTRIAN TRAVEL AND SPAN THE ENTIRE RAMP OPENING.
7. ALL GUIDESHEET VALUES COMPLY WITH PROWAG DRAFT 2013 GUIDELINES. UPDATED VALUES WILL BE MADE TO COMPLY WITH PROWAG FINAL RULE ONCE OFFICIALLY THE LAW.
8. CTDOT DESIGN STANDARD USE THE PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) SEE ENGINEERING DIRECTIVE ED-2019-7.
9. CURB RAMPS SHALL BE CONSTRUCTED SO THAT WATER WILL NOT ACCUMLATE WITHIN THE PEDESTRIAN ACCESS ROUTE.

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:
GM2 ASSOCIATES, INC.
115 GLASTONBURY BLVD.
GLASTONBURY, CT. 06033

DESIGNER/DRAFTER: C. VERGE CHECKED BY: M. VAIL

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PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 04184 CARRYING OREGON ROAD OVER QUINNIPIAC RIVER

TOWN(S):
CITY OF MERIDEN

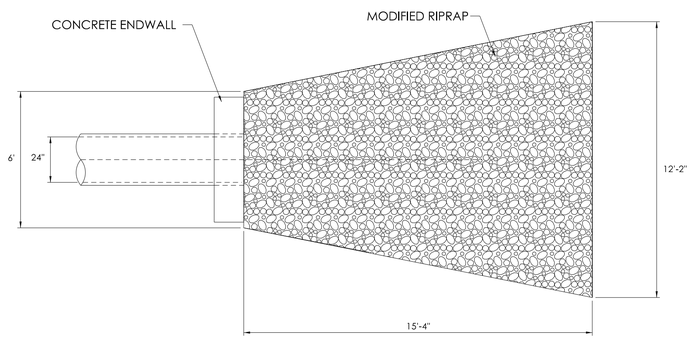
DRAWING TITLE:
MISCELLANEOUS DETAIL SHEET - SIDEWALK RAMPS

PROJECT NO.:
L079-0004

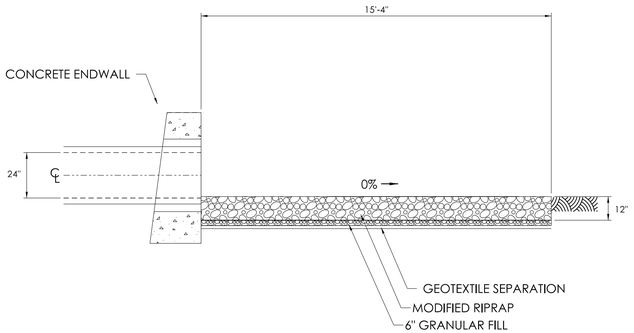
DRAWING NO.:
MDS-03

SHEET NO.:
02.06

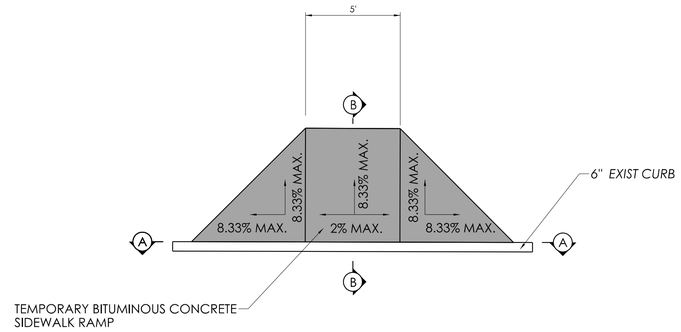
LASTED SAVED BY: PBarbosa **FILE NAME:** M:\41097_Oregon_Rd_Meriden\300_Engineering & Design\325-Highways\Contract Plans\HW_MSH_41097_MDS.dgn
PLOTTED DATE: 5/12/2026



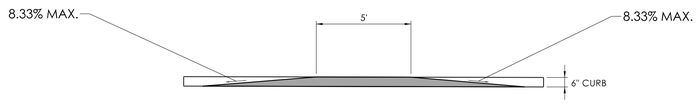
OUTLET PROTECTION PLAN VIEW (TYPE B RIPRAP APRON)



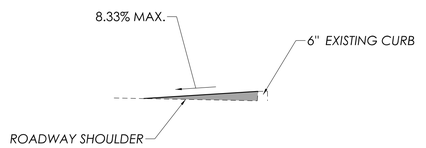
OUTLET PROTECTION SECTION VIEW



TEMPORARY BITUMINOUS CONCRETE SIDEWALK RAMP PLAN VIEW



TEMPORARY BITUMINOUS CONCRETE SIDEWALK RAMP SECTION A-A VIEW



TEMPORARY BITUMINOUS CONCRETE SIDEWALK RAMP SECTION B-B VIEW

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:
GM2 ASSOCIATES, INC.
115 GLASTONBURY BLVD.
GLASTONBURY, CT. 06033

DESIGNER/DRAFTER: C. VERGE CHECKED BY: M. VAIL

NOT TO SCALE

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 04184 CARRYING OREGON ROAD OVER QUINNIPIAC RIVER

TOWN(S):
CITY OF MERIDEN

DRAWING TITLE:
MISCELLANEOUS DETAIL SHEET - OUTLET PROTECTION

PROJECT NO.:
L079-0004

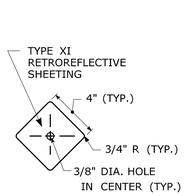
DRAWING NO.:
MDS-04

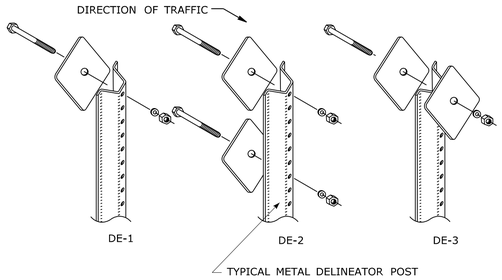
SHEET NO.:
02.07

LASTED SAVED BY: CVerge **FILE NAME:** M:\41097_Oregon_Rd_Meriden\300_Engineering & Design\325-Highways\Contract Plans\HW_MSH_41097_MDS.dgn
PLOTTED DATE: 5/12/2026
NOT TO SCALE

DELINEATORS DE-1, DE-2, DE-3

INSTALLATION ON DELINEATOR POSTS





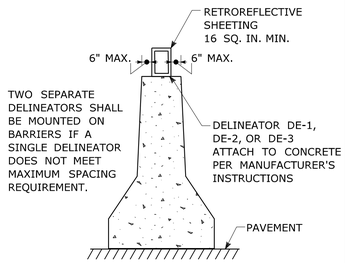
COLORS: - YELLOW, WHITE OR RED.

DELINEATORS - .0625" THK. ALUMINUM ALLOY.

FACE SHALL BE PRESSURE SENSITIVE, SELF ADHERING, TYPE XI RETROREFLECTIVE SHEETING.

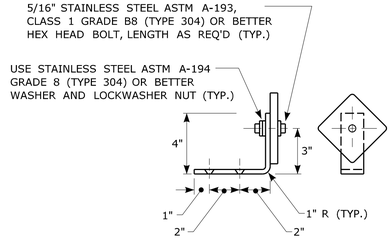
DELINEATORS SHALL BE FASTENED WITH 5/16" STAINLESS STEEL ASTM A-193 CLASS 1, GRADE B8 (TYPE 304) OR BETTER HEX HEAD BOLT (LENGTH AS REQUIRED), WASHER AND FIBER INSERT SELF LOCKING NUT, ON STANDARD METAL DELINEATOR POST.

INSTALLATION ON PERMANENT CONCRETE BARRIER, BRIDGE PARAPETS AND RETAINING WALLS

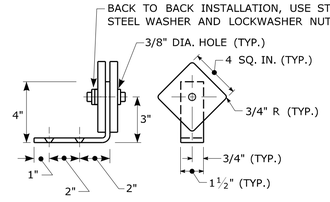


DELINEATORS DE-1, DE-2, DE-3 TO BE PAID FOR UNDER SECTION 12.05 DELINEATORS.

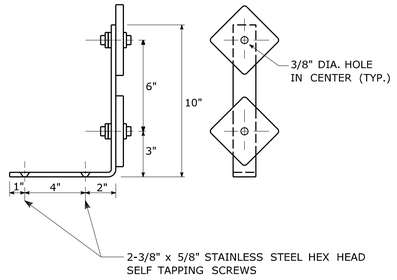
DELINEATORS DE-4, DE-4A, DE-5 FOR INSTALLATION ON METAL BRIDGE RAIL



DE-4



DE-4A

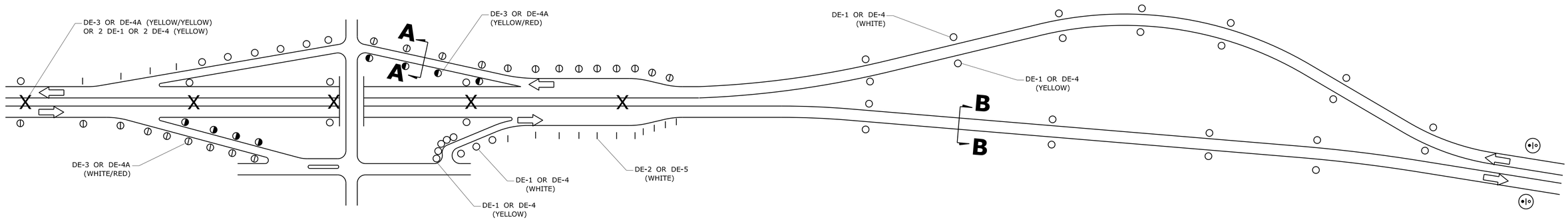


DE-5

COLORS: - YELLOW, WHITE OR RED.
DELINEATORS - .0625" THK. ALUMINUM ALLOY.
BRACKET - .125" THK. ALUMINUM ALLOY, AND SHALL CONFORM TO SPECIFICATION M.18.07-03 BRIDGE RAIL MOUNTING BRACKETS.
FACE SHALL BE PRESSURE SENSITIVE, SELF ADHERING, TYPE XI RETROREFLECTIVE SHEETING.
USE STAINLESS STEEL WASHERS ON FACE OF DELINEATORS, 5/8" O.D. X 3/8" I.D. X .032" THK. (TYP.)

DELINEATORS TYPE DE-4, DE-4A, AND DE-5 TO BE PAID FOR UNDER SECTION 12.05 DELINEATORS.

TYPICAL MAINLINE & INTERCHANGE DELINEATION



DELINEATOR SPACING NOTES:

1) AT LOCATIONS WHERE THE MEDIAN WIDTH (BETWEEN SHOULDERS) IS 12' OR LESS, AND MEDIAN BEAM RAIL IS PRESENT, TYPE DE-3 DELINEATORS SHALL BE MOUNTED WITHIN THE MEDIAN BEAM RAIL.
2) SPACING ON MAINLINE EXPRESSWAY TANGENTS SHALL BE 400'.
3) SPACING ON MAINLINE EXPRESSWAY CURVES SHALL BE AS SPECIFIED IN THE MUTCD TABLE.
4) ON ACCELERATION AND DECELERATION LANES AND ON-RAMP TANGENT SECTIONS, DELINEATOR SPACING SHALL BE 100'.
5) ON CURVED PORTIONS OF RAMPS, DELINEATOR SPACING SHALL BE IN ACCORDANCE WITH THE MUTCD TABLE, BUT NOT TO EXCEED 100'.
6) ON OFF-RAMP TANGENT SECTIONS, DELINEATOR SPACING SHALL BE 50' THROUGHOUT.
7) GUIDE RAIL AND BARRIER DELINEATOR SPACING SHALL BE AS SPECIFIED IN THE CORRESPONDING SPECIFICATIONS AND DETAILS.

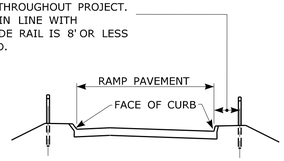
LEGEND:

- ○ DE-1 DELINEATORS OR DE-4 DELINEATOR ASSEMBLY
- | DE-2 DELINEATORS OR DE-5 DELINEATOR ASSEMBLY (WHITE)
- X DE-3 DELINEATOR OR DE-4A DELINEATOR ASSEMBLY (YELLOW & YELLOW)
- ◑ DE-3 DELINEATORS OR DE-4A DELINEATOR ASSEMBLY (BI-COLOR: YELLOW & RED)
- ◐ DE-3 DELINEATORS OR DE-4A DELINEATOR ASSEMBLY (BI-COLOR: WHITE & RED)
- ⊕ D10-1, 2, 3, OR 4 ASSEMBLY TO BE INSTALLED WHERE SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER. (REFERENCE LOCATION/MILE POST SIGNS)

COLOR APPLICATION, FOR DE-1 THRU DE-5

1. UNLESS INDICATED OTHERWISE, THE DELINEATOR OR BARRIER DELINEATOR COLOR SHALL CONFORM TO THE COLOR OF THE PAVEMENT EDGE LINE ON THE SIDE OF THE ROAD WHERE THE DELINEATORS OR BARRIER DELINEATORS ARE PLACED.
2. SINGLE RED DELINEATORS ARE MOUNTED ON THE BACK SIDE OF DELINEATOR POSTS FOR WRONG WAY DRIVER APPLICATIONS.

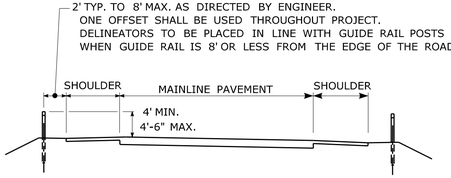
2' TYP. TO 8' MAX. AS DIRECTED BY ENGINEER.
ONE OFFSET SHALL BE USED THROUGHOUT PROJECT.
DELINEATORS TO BE PLACED IN LINE WITH GUIDE RAIL POSTS WHEN GUIDE RAIL IS 8' OR LESS FROM THE EDGE OF THE ROAD.



SECTION A-A

DELINEATOR PLACEMENT ON RAMPS
ON TANGENT SECTIONS - RIGHT SIDE OF RAMP
ON CURVED SECTIONS - BOTH SIDES OF CURVE
ON TANGENT AND CURVE - BOTH SIDES OF OFF-RAMP

2' TYP. TO 8' MAX. AS DIRECTED BY ENGINEER.
ONE OFFSET SHALL BE USED THROUGHOUT PROJECT.
DELINEATORS TO BE PLACED IN LINE WITH GUIDE RAIL POSTS WHEN GUIDE RAIL IS 8' OR LESS FROM THE EDGE OF THE ROAD.



SECTION B-B

DELINEATOR PLACEMENT ON MAINLINE

MUTCD TABLE - APPROXIMATE SPACING FOR DELINEATORS ON HORIZONTAL CURVES

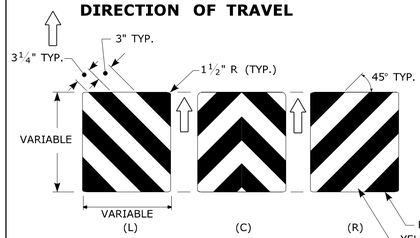
RADIUS (R) OF CURVE (feet)	APPROXIMATE SPACING (S) ON CURVE (feet)
50	20
115	25
180	35
250	40
300	50
400	55
500	65
600	70
700	75
800	80
900	85
1,000	90

DISTANCE IN FEET WERE ROUNDED TO THE NEAREST 5 FEET. SPACING FOR SPECIFIC RADII MAY BE INTERPOLATED FROM TABLE. THE MINIMUM SPACING SHOULD BE 20 FEET. THE SPACING ON CURVES SHOULD NOT EXCEED 300 FEET. IN ADVANCE OF OR BEYOND A CURVE, AND PROCEEDING AWAY FROM THE END OF THE CURVE, THE SPACING OF THE FIRST DELINEATOR IS 2S, THE SECOND IS 3S, AND THE THIRD 6S BUT NOT TO EXCEED 300 FEET.

S REFERS TO THE DELINEATOR SPACING FOR SPECIFIC RADII COMPUTED FROM THE FORMULA: $S=3\sqrt{R-50}$.

ATTENUATOR REFLECTORS SIGN #40-4266

DIRECTION OF TRAVEL



THIS SHEETING WITHOUT A SUBSTRATE TO BE INSTALLED ON THE NOSE OF THE IMPACT ATTENUATOR WITH ADHESIVE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
THE SHEETING SHALL COVER THE NOSE OF THE IMPACT ATTENUATOR.
ON A CURVED NOSE, THE WIDTH OF THE SHEETING SHALL EXTEND 1" BEYOND THE POINT OF CURVATURE ON EACH SIDE OF THE NOSE.
THE HEIGHT AND WIDTH OF THE SHEETING VARIES DEPENDING ON THE SIZE OF THE NOSE OF THE IMPACT ATTENUATOR.

ATTENUATOR REFLECTOR TO BE PAID FOR UNDER SECTION 18.0 IMPACT ATTENUATOR

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK: GM2 ASSOCIATES, INC. 115 GLASTONBURY BLVD. GLASTONBURY, CT 06033
DESIGNER/DRAFTER: C. VERGE CHECKED BY: M. VAIL

NOT TO SCALE

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 04184 CARRYING OREGON ROAD OVER QUINNIPIAC RIVER

TOWN(S): CITY OF MERIDEN

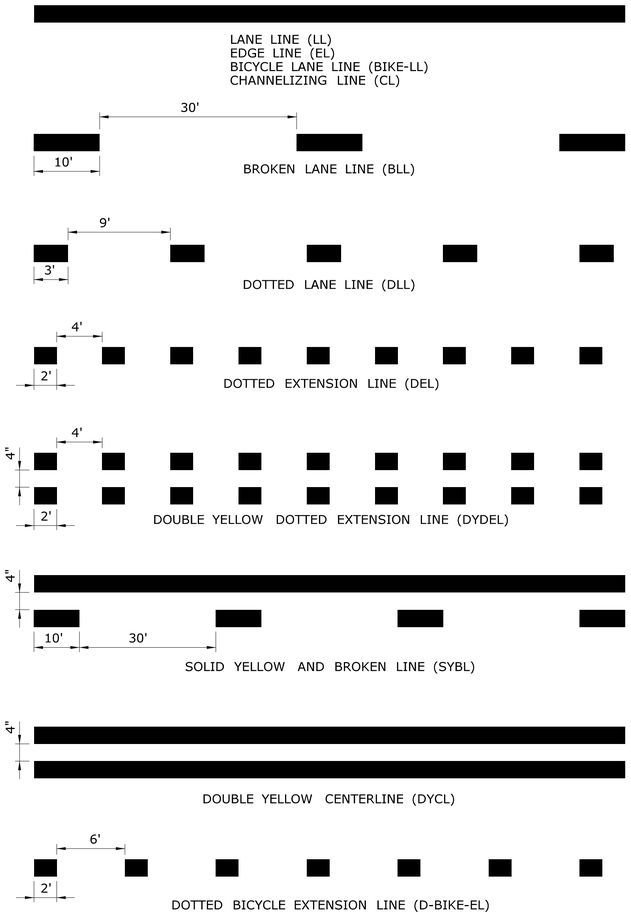
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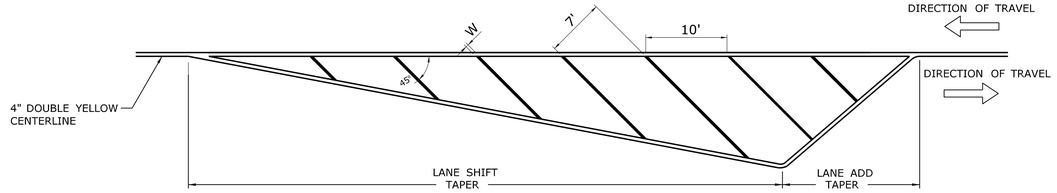
PROJECT NO.: L079-0004

DRAWING NO.: MDS-05

SHEET NO.: 02.08

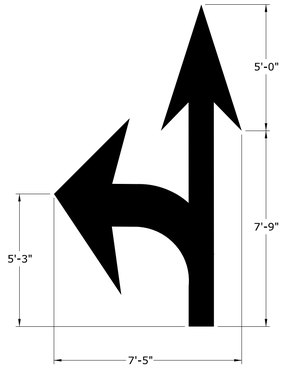
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PLOTTED DATE: 5/12/2026



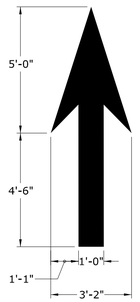


CROSS HATCHED ISLAND DETAIL
(YELLOW)

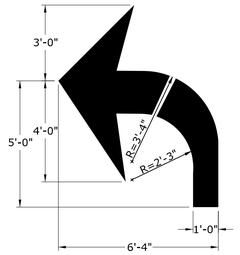
W IS TO BE 8" WHEN POSTED SPEED < 45 MPH
W IS TO BE 12" WHEN POSTED SPEED ≥ 45 MPH
CROSS HATCHED ISLANDS ARE OPTIONAL AND ARE TO BE INSTALLED ONLY WHERE CALLED FOR ON THE PLANS



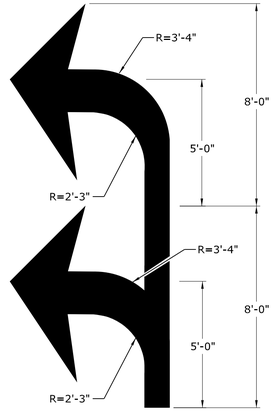
REFER TO ADJACENT VIEWS FOR DIMENSIONING
27.0 S.F.



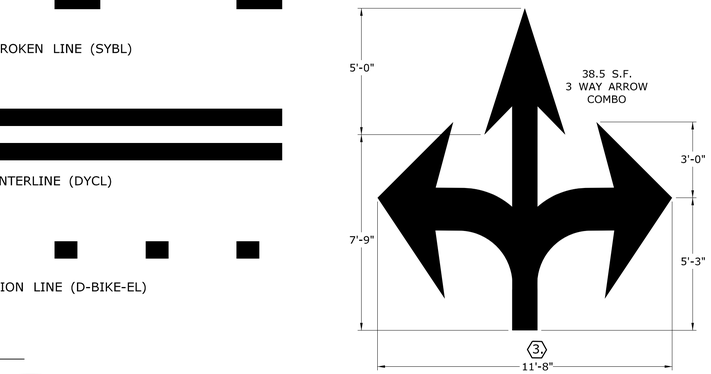
12.5 S.F.

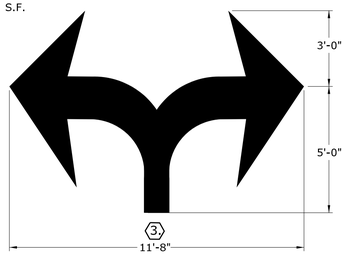


15.5 S.F.



35 S.F.
DOUBLE LEFT ARROW





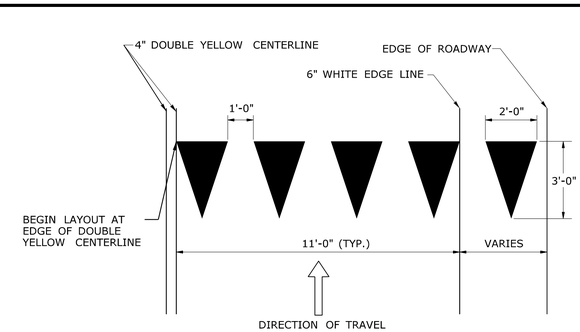
27.0 S.F.
LEFT & RIGHT ARROW COMBO

PAVEMENT ARROW DETAILS
(WHITE)

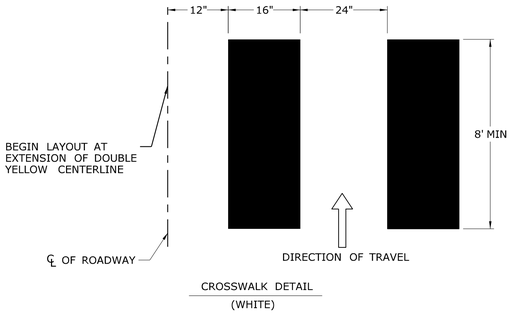
ARROWS SHALL BE CENTERED IN TRAVEL LANE

NOTES :

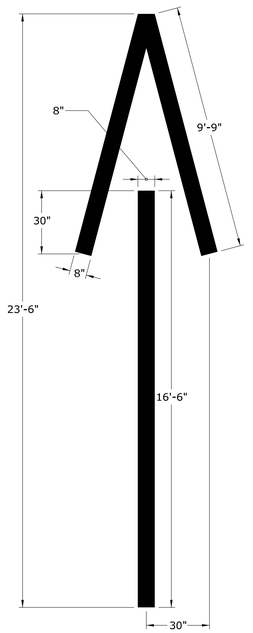
1. AREA OF PAVEMENT MARKINGS AS INDICATED IS APPROXIMATE.
2. RIGHT TURN PAVEMENT MARKING ARROWS ARE MIRROR IMAGE OF LEFT TURN PAVEMENT MARKING ARROWS.
3. WIDTH OF COMBINATION PAVEMENT MARKING ARROWS MAY BE REDUCED AS NEEDED BASED ON LANE WIDTH.



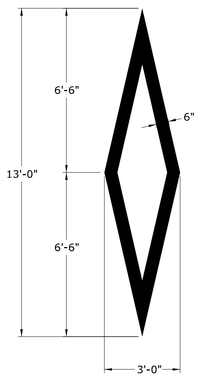
YIELD LINE DETAIL
(WHITE)



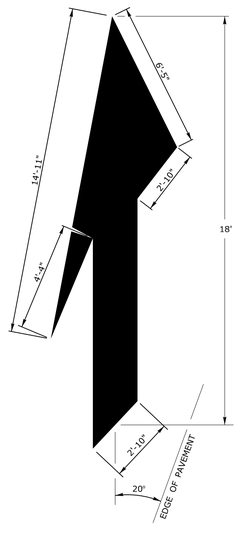
CROSSWALK DETAIL
(WHITE)



WHITE WRONG WAY PAVEMENT ARROW
36.2 S.F.

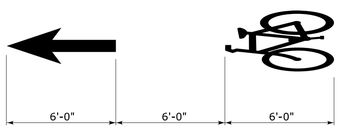


WHITE PREFERENTIAL LANE SYMBOL
13.0 S.F.

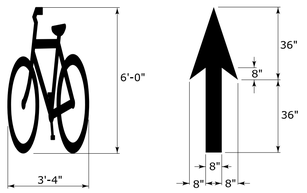


WHITE LANE REDUCTION ARROW
41.8 S.F.

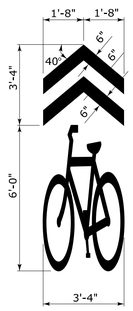
TYPICAL LONGITUDINAL SPACING



BICYCLE LANE SYMBOL MARKINGS

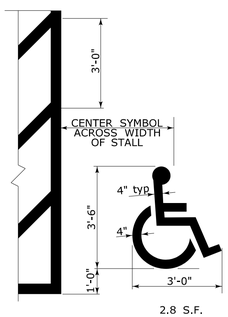


SHARED LANE SYMBOL MARKING



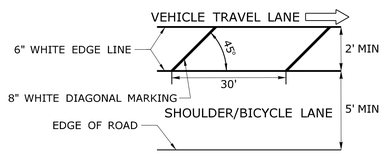
9.7 S.F.

ACCESSIBLE PARKING SPACE SYMBOL



2.8 S.F.

ALL BICYCLE SYMBOL PAVEMENT MARKINGS TO BE WHITE.



BUFFER DETAIL

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:
GM2 ASSOCIATES, INC.
115 GLASTONBURY BLVD.
GLASTONBURY, CT 06033
DESIGNER/DRAFTER: C. VERGE CHECKED BY: M. VAIL

NOT TO SCALE

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 04184 CARRYING OREGON ROAD OVER QUINNIPIAC RIVER

TOWN(S):
CITY OF MERIDEN

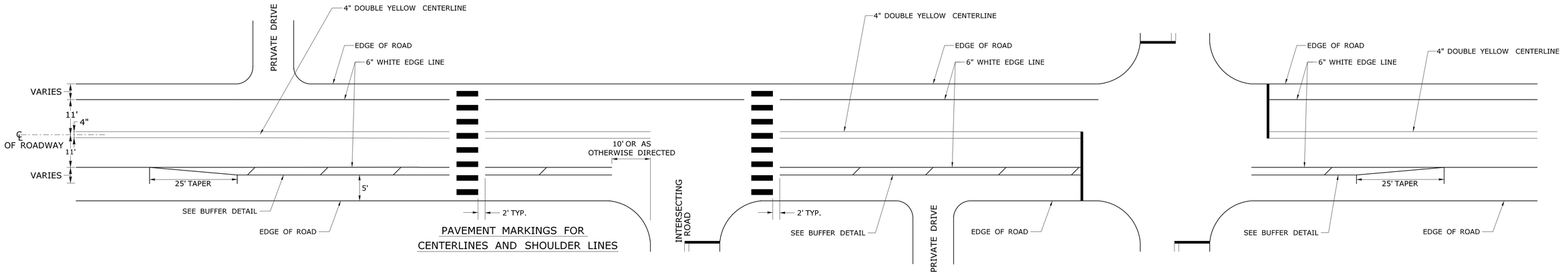
DRAWING TITLE:
MISCELLANEOUS DETAIL SHEET - PAVEMENT MARKING LINES AND SYMBOLS

PROJECT NO.:
L079-0004

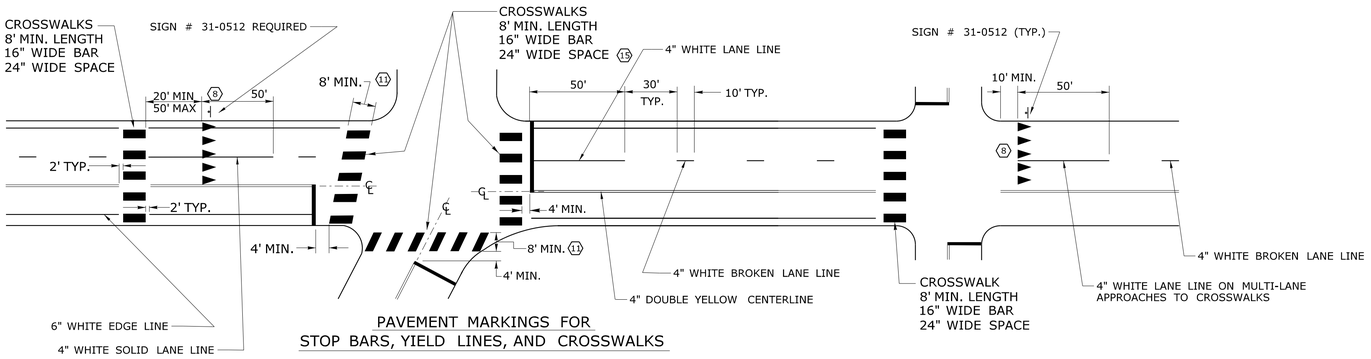
DRAWING NO.:
MDS-06

SHEET NO.:
02.09

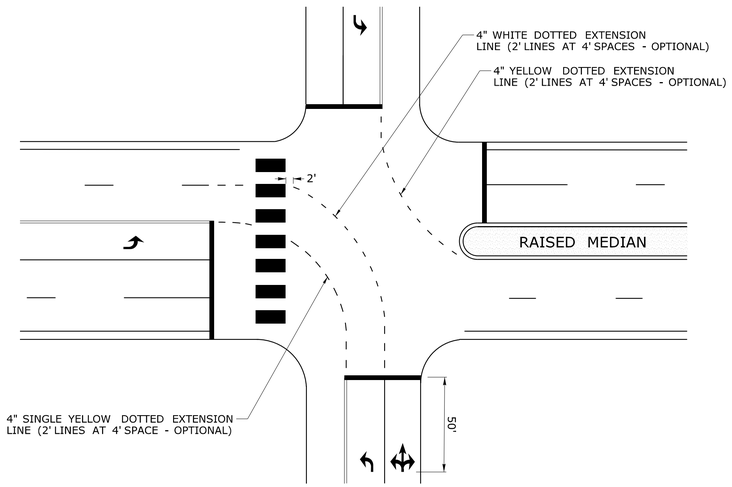
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PLOTTED DATE: 5/12/2026



PAVEMENT MARKINGS FOR
CENTERLINES AND SHOULDER LINES



PAVEMENT MARKINGS FOR
STOP BARS, YIELD LINES, AND CROSSWALKS



TURNING EXTENSIONS

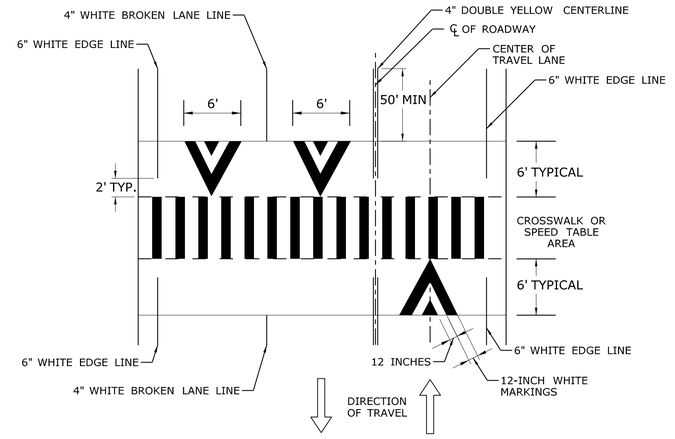
NOTES:

STOP BARS AND YIELD LINES

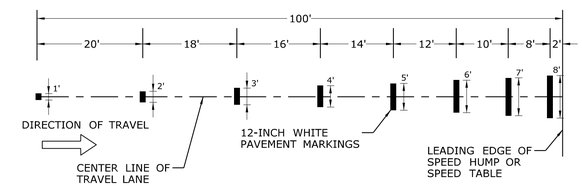
1. STOP BARS AND YIELD LINES SHALL BE WHITE.
2. STOP BARS SHALL BE 12" MIN. UNLESS OTHERWISE NOTED ON PLANS.
3. STOP BARS TO BE PLACED A MINIMUM OF 4' IN ADVANCE OF THE NEAREST EDGE OF CROSSWALK AND SHOULD BE PLACED 90° TO THE CENTERLINE OF THE ROADWAY.
4. IN THE ABSENCE OF A MARKED CROSSWALK THE STOP BAR SHOULD BE PLACED 90° THE CENTERLINE OF THE ROADWAY, AT THE DESIRED STOPPING POINT AT LEAST 5' AND NO MORE THAN 30' FROM THE NEAREST EDGE OF THE INTERSECTING ROADWAY.
5. THE STOP SIGN SHOULD BE PLACED IN LINE WITH THE STOP BAR. HOWEVER, IF THE STOP SIGN CANNOT BE LOCATED EXACTLY WHERE VEHICLES ARE EXPECTED TO STOP, THE STOP BAR SHOULD BE PLACED AT THE STOPPING POINT.
6. FOR STOP BARS AT RAMPS SEE DETAILS "R", "S", "T", & "U" AND NOTES ON TRAFFIC STANDARD SHEET TR-1210 07 "PAVEMENT MARKINGS FOR DIVIDED HIGHWAYS EXIT RAMPS".
7. FOR YIELD LINE INSTALLATIONS, ONLY FULL TRIANGLES ARE TO BE INSTALLED.
8. YIELD LINES SHALL ONLY BE INSTALLED ON UNCONTROLLED MULTI-LANE APPROACHES TO CROSSWALKS AND SHOULD BE LOCATED 20 TO 50 FEET IN ADVANCE OF THE NEAREST CROSSWALK LINE OR AS DIRECTED BY THE ENGINEER. WHERE A YIELD LINE EXISTS ON AN APPROACH TO A CROSSWALK, THE "YIELD TO PEDESTRIANS" SIGN IS REQUIRED.
9. THE YIELD SIGN SHOULD BE PLACED IN LINE WITH A YIELD LINE. HOWEVER, IF THE YIELD SIGN CANNOT BE LOCATED EXACTLY WHERE VEHICLES ARE EXPECTED TO YIELD, THE YIELD LINE SHOULD BE PLACED AT THE YIELDING POINT.

CROSSWALKS

10. CROSSWALK MARKINGS SHALL BE WHITE.
11. AT LOCATIONS WHERE THE CROSSWALK IS SKEWED, BARS TO BE PARALLEL TO ENDS OF BARS TO BE PARALLEL. THE LENGTH OF THE BARS WILL VARY DEPENDING ON THE ANGLE OF SKEW.
12. BARS SHOULD BE NO CLOSER THAN 1' FROM EDGE OF ROAD.
13. ONLY FULL LENGTH BARS ARE TO BE INSTALLED.
14. DECORATIVE CROSSWALKS SHALL BE BANDED FROM CURB TO CURB WITH A MINIMUM 12" WIDE WHITE TRANSVERSE LINE ALONG EACH EDGE.
15. 24" WIDE SPACE TO BE CENTERED ON YELLOW CENTERLINE.



PAVEMENT MARKINGS FOR SPEED TABLES
OR SPEED HUMPS WITH CROSSWALKS
(WHITE)



SPEED HUMP OR SPEED TABLE
ADVANCE WARNING MARKINGS DETAIL
(WHITE)

SPEED HUMP OR SPEED TABLE ADVANCE WARNING MARKINGS ARE OPTIONAL

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK: GM2 ASSOCIATES, INC. 115 GLASTONBURY BLVD. GLASTONBURY, CT 06033
DESIGNER/DRAFTER: C. VERGE CHECKED BY: M. VAIL

NOT TO SCALE

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 04184 CARRYING OREGON ROAD OVER QUINNIPIAC RIVER**

TOWN(S): **CITY OF MERIDEN**

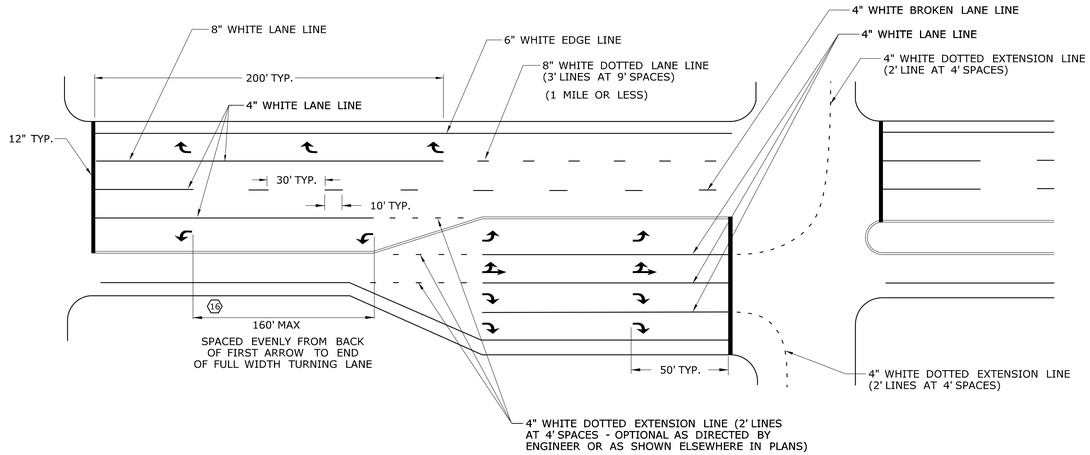
DRAWING TITLE: **MISCELLANEOUS DETAIL SHEET - PAVEMENT MARKINGS NON-FREEWAYS, INTERSECTIONS & CROSSWALKS**

PROJECT NO.: **L079-0004**

DRAWING NO.: **MDS-07**

SHEET NO.: 02.10

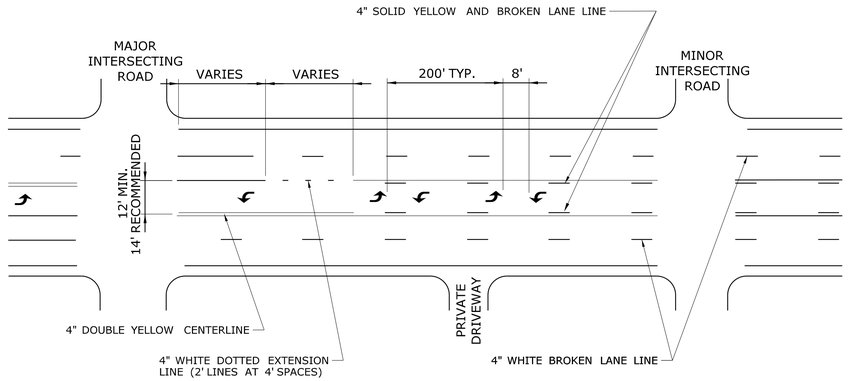
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PLOTTED DATE: 5/12/2026



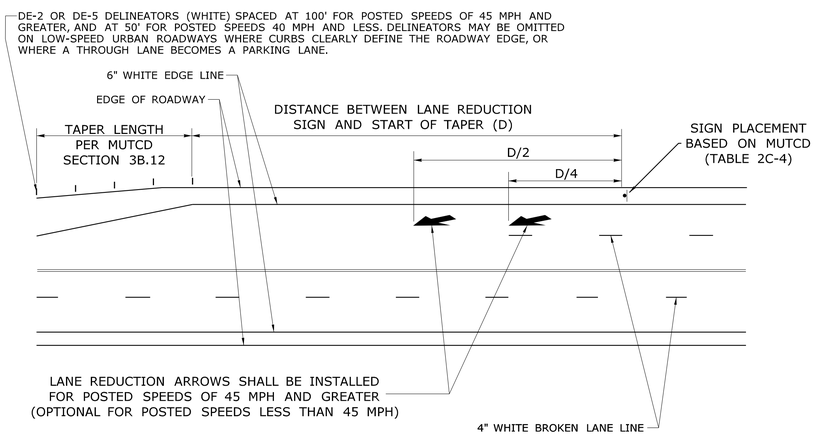
PAVEMENT MARKINGS FOR TURNING LANES
AND ROAD LANE-DROP

PAVEMENT MARKINGS FOR TURNING LANES

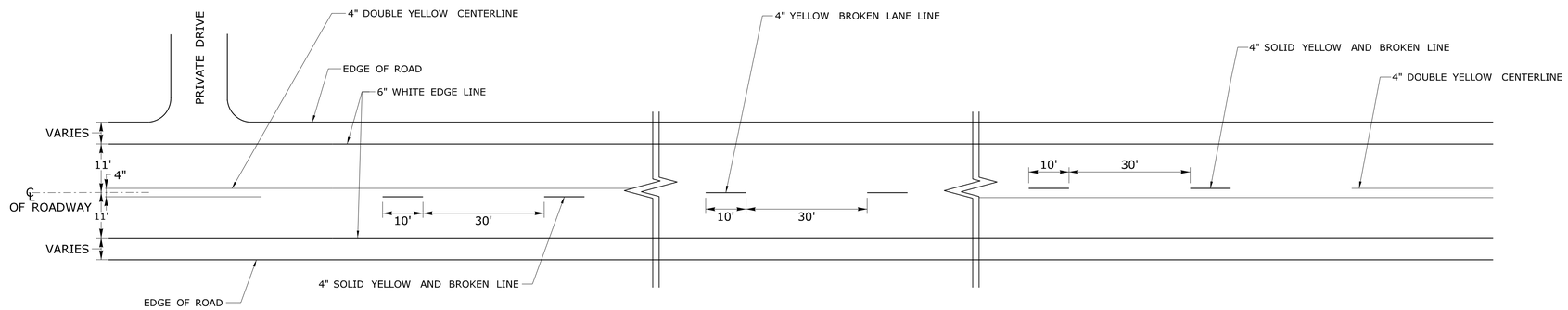
16 INSTALL AT LEAST TWO ARROWS PER LANE WHERE STORAGE LENGTH IS GREATER THAN 150 FEET.



TWO-WAY LEFT-TURN MARKINGS APPLICATIONS



LANE REDUCTION TRANSITIONS



PAVEMENT MARKINGS
FOR PASSING ZONES

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK: GM2 ASSOCIATES, INC. 115 GLASTONBURY BLVD. GLASTONBURY, CT 06033
DESIGNER/DRAFTER: C. VERGE CHECKED BY: M. VAIL

NOT TO SCALE

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 04184 CARRYING OREGON ROAD OVER QUINNIPIAC RIVER**

TOWN(S): **CITY OF MERIDEN**

DRAWING TITLE: **MISCELLANEOUS DETAIL SHEET - PAVEMENT MARKINGS FOR NON-FREEWAYS**

PROJECT NO.: **L079-0004**

DRAWING NO.: **MDS-08**

SHEET NO.: 02.11

LASTED SAVED BY: CVerge **FILE NAME:** M:\41097_Oregon_Rd_Meriden\300_Engineering & Design\325-Highways\Contract Plans\HW_MSH_41097_MDS.dgn
PLOTTED DATE: 5/12/2026
NOT TO SCALE

E5 - SERIES

E5-1

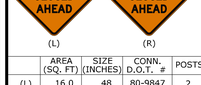


(L) (R)

COPY & BORDER - WHITE
BACKGROUND - GREEN

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
(L)	30.0	72X60	51-6148	2
(R)	30.0	72X60	51-6150	2

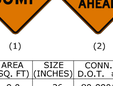
E5-1



(L) (R)

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
(L)	16.0	48	80-9715	2
(R)	16.0	48	80-9705	2

E5-2



	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	12.0	48X36	80-9716	2

E5-2a



	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	12.0	48X36	80-9717	2

G20 - SERIES

G20-2a



	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	4.5	36X18	80-9611	1
	8.0	48X24	80-9612	2



VARIABLE MILEAGE

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	90.0	120X108	80-9728	2



VARIABLE MILEAGE

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	7.0	72X14	80-9720	2



VARIABLE ARROW
COPY & BORDER - WHITE
BACKGROUND - BLUE

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	9.0	36	50-5934	2

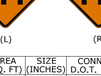
M4 - SERIES

M4-8



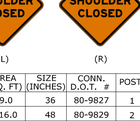
	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	2.0	24X12	80-9707	1

M4-8a



	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	3.0	24X18	80-9708	1

M4-10



(R)
(L)

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
(R)	6.0	48X18	80-9701	2
(L)	6.0	48X18	80-9702	2



VARIABLE ARROW

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	5.0	30X24	80-9710	1

M4-9b



VARIABLE ARROW

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	5.0	30X24	80-9703	1

M4-9b



VARIABLE ARROW

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	6.25	30X24	80-9706	1

M4-9a



VARIABLE ARROW

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	5.0	30X24	80-9713	1

M4-8

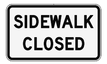


(L) (R)

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
(L)	3.0	24X18	80-9850L	1
(R)	3.0	24X18	80-9850R	1

R4-R11 - SERIES

R9-9



COPY & BORDER - BLACK
BACKGROUND - WHITE

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	3.75	30X18	80-9076	1

R11-2



COPY & BORDER - BLACK
BACKGROUND - WHITE

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	10.0	48X30	80-9080	2

R11-2



COPY & BORDER - BLACK
BACKGROUND - WHITE

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	10.0	48X30	80-9001	2

R9-11



VARIABLE ARROW
COPY & BORDER - BLACK
BACKGROUND - WHITE

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	3.0	24X18	80-9074	1

R11-3a



VARIABLE MILEAGE
COPY & BORDER - BLACK
BACKGROUND - WHITE

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	12.5	60X30	80-9077	2

R4-9



COPY & BORDER - BLACK
BACKGROUND - WHITE

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	5.0	24X30	31-1517	1
	12.0	36X48	31-1518	1
	20.0	48X60	31-1519	2

R9-11a



VARIABLE ARROW
COPY & BORDER - BLACK
BACKGROUND - WHITE

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	2.0	24X12	80-9075	1

R11-3b



COPY & BORDER - BLACK
BACKGROUND - WHITE

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	12.5	60X30	80-9081	2



COPY & BORDER - BLACK
BACKGROUND - WHITE

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	14.0	48X42	31-1906	2
	22.5	60X54	31-1907	2

W1 - SERIES

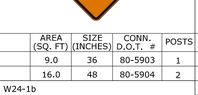
W1-4



(L) (R)

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
(L)	9.0	36	80-9432	1
(R)	9.0	36	80-9431	1
(L)	16.0	48	80-9452	2
(R)	16.0	48	80-9451	2

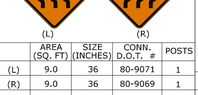
W1-4b



(L) (R)

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
(L)	25.0	60	80-9444	2
(R)	25.0	60	80-9446	2

W1-4c



(L) (R)

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
(L)	25.0	60	80-9484	2
(R)	25.0	60	80-9486	2

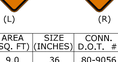
W1-8



(L or R)

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	3.0	18X24	80-9401	1
	5.0	24X30	80-9403	1
	7.5	30X36	80-9404	1

W1-6



(L or R)

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	8.0	48X24	80-9424	2
	12.5	60X30	80-9423	2

W3 - SERIES

W3-1



OCTAGON - RED W/ WHITE BORDER
ARROW & BORDER - BLACK
BACKGROUND - FLUORESCENT ORANGE

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	9.0	36	80-9050	1
	16.0	48	80-9051	2

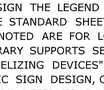
W3-2



TRIANGLE - RED W/ WHITE BORDER
ARROW & BORDER - BLACK
BACKGROUND - FLUORESCENT ORANGE

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	9.0	36	80-9054	1
	16.0	48	80-9055	2

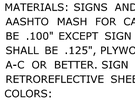
W3-3



TOP CIRCLE - RED
MIDDLE CIRCLE - YELLOW
BOTTOM CIRCLE - GREEN
COPY & BORDER - BLACK
BACKGROUND - FLUORESCENT ORANGE

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	9.0	36	80-9052	1
	16.0	48	80-9053	2

W3-5



VARIABLE SPEED

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	9.0	36	80-9520	1
	16.0	48	80-9521	2

W4-W6 - SERIES

W4-2



(L) (R)

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
(L)	9	36	80-9922	2
(R)	9	36	80-9921	2
(L)	16.0	48	80-9918	2
(R)	16.0	48	80-9917	2

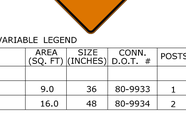
W4-3



(L) (R)

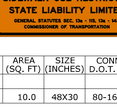
	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
(L)	9.0	36	80-9938	1
(L)	16.0	48	80-9939	2
(R)	9.0	36	80-9936	1
(R)	16.0	48	80-9937	2

W4-1



	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
(R)	16.0	48	80-9923	2
(L)	16.0	48	80-9924	2

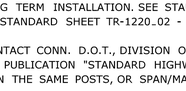
W6-3



	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	9.0	36	80-9947	1
	16.0	48	80-9945	2

STOP-SLOW PADDLE

SIDE A SIDE B

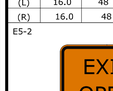


SIDE A
BACKGROUND - RED
COPY & BORDER - WHITE
SIDE B
BACKGROUND - ORANGE
COPY & BORDER - BLACK PLAIN

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	2.25	18	80-9950	PADDLE

W8-W12 - SERIES

W9-1



(L) (R)

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
(L)	16.0	48	80-9846	2
(R)	16.0	48	80-9849	2

W9-1

(L) (R)

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
(L)	16.0	48	80-9836	2
(R)	16.0	48	80-9839	2

W9-1

(L) (R)

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
(L)	16.0	48	80-9837	2
(R)	16.0	48	80-9838	2

W9-1

(L) (R)

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
(L)	16.0	48	80-9847	2
(R)	16.0	48	80-9848	2

W9-3a

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	16.0	48	80-9905	2

W9-3a

(L) (R)

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
(R)	16.0	48	80-9904	2

W8-1

(1) (2)

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
(1)	9.0	36	80-9901	1
(1)	16.0	48	80-9902	2
(2)	9.0	36	80-9801	1
(2)	16.0	48	80-9802	2

W8-25

(L) (R)

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
(L)	9.0	36	80-9831	1
(L)	16.0	48	80-9833	2
(R)	9.0	36	80-9830	1
(R)	16.0	48	80-9832	2

W8-25

(L) (R)

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
(L)	9.0	36	80-9827	1
(L)	16.0	48	80-9829	2
(R)	9.0	36	80-9826	1
(R)	16.0	48	80-9828	2

W8-15

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	16.0	48	80-9900	2

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	16.0	48	80-9956	2

W12-1

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	6.25	30	80-9962	1
	9.0	36	80-9963	1
	16.0	48	80-9964	2

W13 - SERIES

W13-1P

SUBPLATE
VARIABLE SPEED

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	4.0	24	80-9569	1
	6.25	30	80-9567	1

W-16 - SERIES

W16-3aP

VARIABLE MILEAGE

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	2.5	30X12	80-9872	
	4.5	36X18	80-9873	

W16-9P

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	2.0	24X12	80-9870	
	3.75	30X18	80-9871	

W16-15P

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	2.0	24X12	80-9049	

W20 - SERIES

W20-1

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	6.25	30	80-9602	1
	9.0	36	80-9603	1
	16.0	48	80-9604	2

W20-1

VARIABLE DISTANCE

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	9.0	36	80-9614	1
	16.0	48	80-9615	2

W20-2

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	9.0	36	80-9805	1
	16.0	48	80-9806	2

W20-2

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	9.0	36	80-9799	1
	16.0	48	80-9800	2

W20-1

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	9.0	36	80-9711	1
	16.0	48	80-9712	2

W20-7a

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	9.0	36	80-9803	1
	16.0	48	80-9804	2

W21-4

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	32.0	96X48	80-9815	2

W20-4

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	9.0	36	80-9834	1
	16.0	48	80-9835	2

W21-W24 - SERIES

W21-6

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	9.0	36	80-9607	1

W22-3

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	10.5	42X36	80-9621	2

W24-1a

(L) (R)

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
(L)	9.0	36	80-9065	1
(R)	9.0	36	80-9063	1
(L)	16.0	48	80-9064	2
(R)	16.0	48	80-9062	2

W22-1

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	9.0	36	80-9620	1
	16.0	48	80-9625	2

W23-2

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	9.0	36	80-9503	1
	16.0	48	80-5904	2

W24-1b

(L) (R)

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
(L)	9.0	36	80-9071	1
(R)	9.0	36	80-9069	1
(L)	16.0	48	80-9070	2
(R)	16.0	48	80-9068	2

W22-2

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	10.5	42X36	80-9623	2

W24-1

(L) (R)

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
(L)	9.0	36	80-9056	1
(R)	9.0	36	80-9059	1
(L)	16.0	48	80-9057	2
(R)	16.0	48	80-9067	2

W24-1cP

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	3.0	24X18	80-9061	1
	5.0	30X24	80-9070	1

(1) Variable
(2) Variable
(3) Variable

VARIABLE LEGEND

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
(1)	6	48X18	80-9931	2
(2)	7.5	60X18	80-9932	2
(3)	9	72X18	80-9935	2

Variable Rd

VARIABLE LEGEND

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
	4.17	60X10	80-9913	2
	12.0	96X18	80-9914	2
	3.33	48X10	80-9916	2

16 - SERIES

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
16-M	5.0	30X24	80-1613	1
16-H	17.5	60X42	80-1608	2
16-E	35.0	84X60	80-1605	2

	AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS
16-S	10.0	48X30	80-1619	2

NOTES:
1. R1-SERIES SIGN THE LEGEND "O.S.T.A." SHALL APPEAR.
2. POSTS - SEE STANDARD SHEET TR-1208_02 - "METAL SIGN POSTS AND SIGN MOUNTING DETAILS".
3. ALL POSTS NOTED ARE FOR LONG TERM INSTALLATION. SEE STANDARD SHEET TR-1208_02.
4. FOR TEMPORARY SUPPORTS SEE STANDARD SHEET TR-1220_02 - "CONSTRUCTION SIGN SUPPORTS AND CHANNELIZING DEVICES".
5. FOR SPECIFIC SIGN DESIGN, CONTACT CONN. D.O.T., DIVISION OF TRAFFIC ENGINEERING. FOR BOLT HOLE PATTERN REFER TO FHWA PUBLICATION "STANDARD HIGHWAY SIGNS". SIGNS OF DIFFERENT DIMENSIONS TO BE ERECTED ON THE SAME POSTS, OR SPAN/MAST ARM MOUNTED, MAY REQUIRE SPECIAL BOLT HOLE PATTERNS.
6. ALL CONSTRUCTION SIGNS TO BE PAID FOR UNDER THE CONSTRUCTION SIGNS ITEM IN THE CONTRACT.
7. MATERIALS & COLORS SHALL CONFORM TO STATE SPECIFICATIONS.
8. MATERIALS: SIGNS AND THEIR PORTABLE SUPPORTS SHALL CONFORM TO THE REQUIREMENTS OF THE AASHTO MASH FOR CATEGORY 2 DEVICES. ALUMINUM THICKNESS FOR POST MOUNTED SIGNS SHALL BE .100" EXCEPT SIGN #s. 80-1605, 80-9914, 809815, 80-9728, 80-9519, & 51-6147 (L OR R) WHICH SHALL BE .125", PLYWOOD THICKNESS FOR POST MOUNTED SIGNS SHALL BE 1/2" EXTERIOR GRADE A-C OR BETTER. SIGN BLANKS SHALL HAVE ONE COAT OF PRIMER PAINT PRIOR TO APPLICATION OF RETROREFLECTIVE SHEETING & COPY.
9. COLORS:
   BACKGROUND - FLUORESCENT ORANGE EXCEPT AS NOTED.
   LEGEND - BLACK - EXCEPT AS NOTED.
10. ALL SIGNS WITH FLUORESCENT ORANGE BACKGROUND TO USE TYPE VIII RETROREFLECTIVE SHEETING. ALL OTHER SIGNS TO USE TYPE IX RETROREFLECTIVE SHEETING.
11. BLACK COLOR ON SIGNS SHALL BE PLAIN (NOT RETROREFLECTIVE)

REVISION DESCRIPTION | DATE | REV.

SIGNATURE BLOCK:
GM2 ASSOCIATES, INC.
115 GLASTONBURY BLVD.
GLASTONBURY, CT 06033

DESIGNER/DRAFTER: C. VERGE CHECKED BY: M. VAIL

NOT TO SCALE

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 04184 CARRYING OREGON ROAD OVER QUINNIPIAC RIVER

TOWN(S):
CITY OF MERIDEN

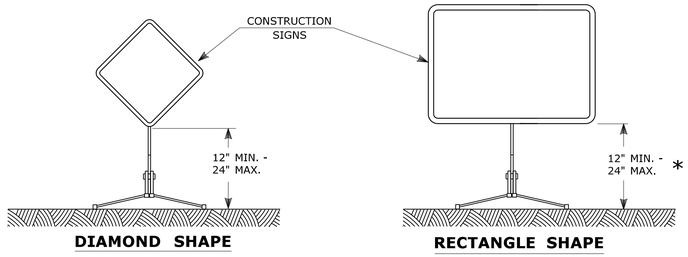
DRAWING TITLE:
MISCELLANEOUS DETAIL SHEET - SIGNS FOR CONSTRUCTION AND PERMIT OPERATION

PROJECT NO.:
L079-0004

DRAWING NO.:
MDS-09

SHEET NO.:
02.12

LASTED SAVED BY: CVerge **FILE NAME:** M:\41097_Oregon_Rd_Meriden\300_Engineering & Design\325-Highways\Contract Plans\HW_MSH_41097_MDS.dgn
PLOTTED DATE: 5/12/2026

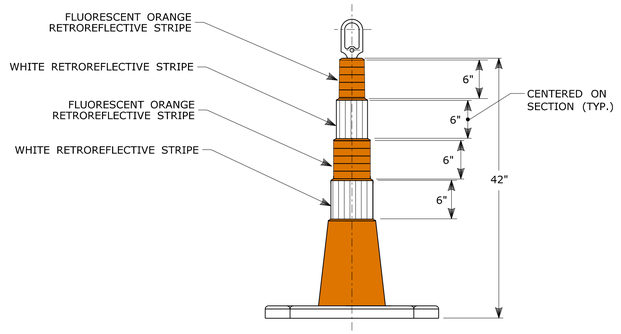


PORTABLE CONSTRUCTION SIGNS

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.

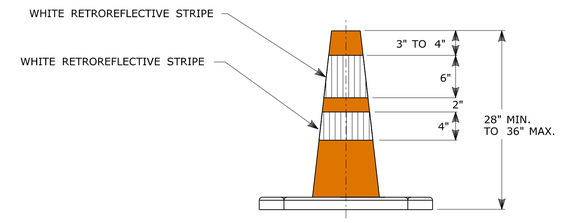
* FOR E5-1 (EXIT SIGNS) USE MIN 48".



42" TRAFFIC CONE

NOTES:

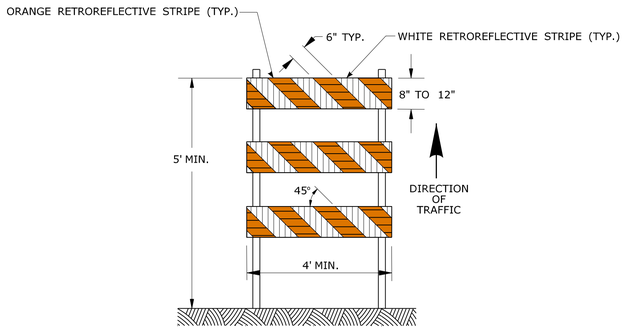
1. TRAFFIC CONES SHALL CONFORM TO THE REQUIREMENTS OF NCHRP REPORT 350 (TL-3) OR THE AASHTO MASH FOR CATEGORY 1 DEVICES AND THE LATEST EDITION OF THE MUTCD.
2. IF RUBBER CONES ARE USED, THEY SHALL HAVE INTERIOR RIBS FOR RIGIDITY.
3. IF PLASTIC CONES ARE USED, THEY SHALL BE COLOR IMPREGNATED.
4. THE ENTIRE 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.

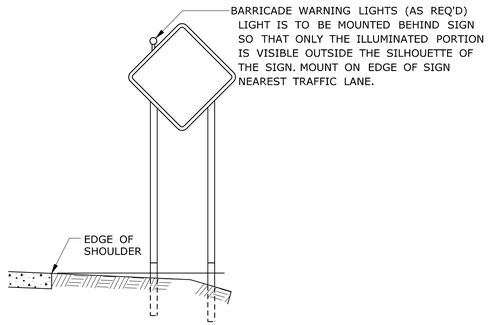


TYPE III BARRICADE

CONSTRUCTION BARRICADES

NOTES:

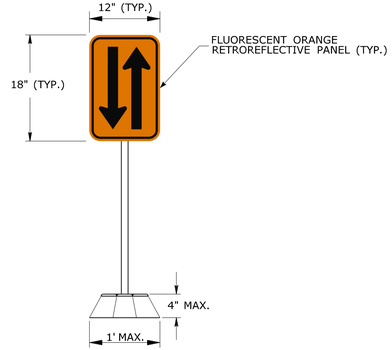
1. CONSTRUCTION BARRICADES SHALL CONFORM TO THE REQUIREMENTS OF NCHRP REPORT 350 (TL-3) OR THE AASHTO MASH AND THE LATEST EDITION OF THE MUTCD.
2. THE ENTIRE AREA OF ORANGE AND WHITE STRIPES SHALL BE RETROREFLECTIVE SHEETING THE SIDES OF BARRICADES FACING TRAFFIC SHALL HAVE RETROREFLECTIVE RAIL FACES.
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.



PLACEMENT OF BARRICADE WARNING LIGHTS ON CONSTRUCTION SIGNS

NOTES:

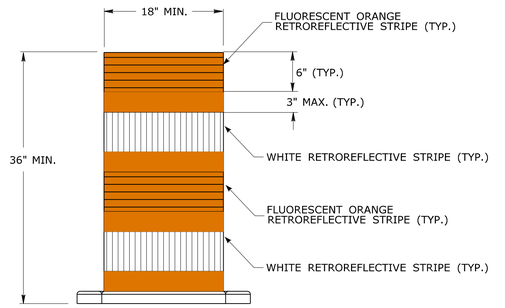
1. SUPPORTS SHALL BE METAL SIGN POSTS AND HAVE BREAK-AWAY FEATURES.
2. REFER TO STANDARD SHEETS:
   TR-1208_01 - "SIGN PLACEMENT AND RETROREFLECTIVE STRIP DETAILS."
   TR-1208_02 - "METAL SIGN POSTS AND SIGN MOUNTING DETAILS."



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

SIGNATURE BLOCK: GM2 ASSOCIATES, INC. 115 GLASTONBURY BLVD. GLASTONBURY, CT 06033
DESIGNER/DRAFTER: C. VERGE CHECKED BY: M. VAIL

NOT TO SCALE

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 04184 CARRYING OREGON ROAD OVER QUINNIPIAC RIVER

TOWN(S): CITY OF MERIDEN

DRAWING TITLE: MISCELLANEOUS DETAIL SHEET - CONSTRUCTION SIGN SUPPORTS AND CHANNELIZING DEVICES

PROJECT NO.: L079-0004

DRAWING NO.: MDS-10

SHEET NO.: 02.13

LASTED SAVED BY: CVerge **FILE NAME:** M:\41097_Oregon_Rd_Meriden\300_Engineering & Design\325-Highways\Contract Plans\HW_MSH_41097_MDS.dgn
PLOTTED DATE: 5/12/2026

R1 - SERIES

R1-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
1.85	18	31-0532	1	.080
5.17	30	31-0552	1	.080
7.98	36	31-0553	1	.080
13.24	48	31-0557	2	.080

R1-2



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
0.95	18	31-0520	1	.080
3.84	36	31-0523	1	.080
6.77	48	31-0522	2	.100
10.83	60	31-0528	2	.100

R1-3P



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
0.75	18X6	31-0508	1	.080
2.50	30X12	31-0509	1	.080

R1-5



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36X36		2	.080

R2 - SERIES

R2-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	24X30	31-5505	1	.080
7.50	30X36	31-5504	1	.080
12.00	36X48	31-5506	2	.080
20.00	48X60	31-5507	2	.100

R2-4a



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
32.00	48X96	31-5510	2	.125

R3 - SERIES

R3-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.00	24X24	31-1604	1	.080
9.00	36X36	31-1627	2	.080
16.00	48X48	31-1624	2	.100

R3-2



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.00	24X24	31-1603	1	.080
9.00	36X36	31-1629	2	.080
16.00	48X48	31-1623	2	.100

R3-3



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.00	24X24	31-1648	1	.080
9.00	36X36	31-1647	2	.080

R3-4



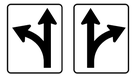
AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.00	24X24	31-1622	1	.080
9.00	36X36	31-1632	2	.080

R3-5



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
7.50	30X36		1	.080

R3-6



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
7.50	30X36		1	.080

R3-7



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30X30	31-0117	1	.080
9.00	36X36	31-0120	2	.080

R3-7



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30X30	31-0118	1	.080
9.00	36X36	31-0123	2	.080

R3-6 (CT)



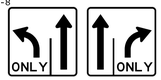
AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
7.50	36X30	31-0175	2	.080

R3-8



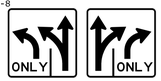
AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
7.50	36X30	31-0290	2	.080

R3-8



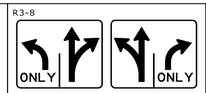
AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30X30		1	.080

R3-8



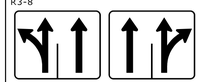
AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30X30		1	.080

R3-8



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
7.50	36X30		2	.080

R3-8



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
7.50	36X30		2	.080

R3-8

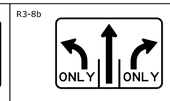


AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
8.75	42X30	31-0279	2	.100

R3-8

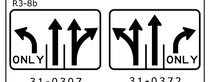
AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30X30		1	.080

R3-8b



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
10.00	48X30	31-0302	2	.100

R3-8b



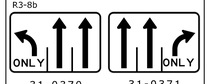
AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
10.00	48X30		2	.100

R3-8b



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
8.75	42X30	31-0334	2	.100

R3-8b



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
8.75	42X30		2	.100

R3-9b



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.00	24X36	31-0116	1	.080

R4 - SERIES

R4-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	24X30	31-1502	1	.080

R4-16



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
20.00	48X60	31-1574	2	.100

R4-3



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	24X30	31-1562	1	.080
20.00	48X60	31-1564	2	.100

R4-7c
R4-7



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
3.75	18x30	31-1506	1	.080
5.00	24X30	31-1526	1	.080
12.00	36X48	31-1536	2	.100
20.00	48X60	31-1546	2	.100

R5 - SERIES

R5-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30X30	31-1119	1	.080
9.00	36X36	31-1120	2	.080
16.00	48X48	31-1121	2	.100

R5-1a



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.00	36X24	31-1122	2	.080
8.75	42X30	31-1123	2	.100

R5-10a(CT)



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
32.50	60X78	31-1719	2	.125

R5-10c



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.00	24X12	31-1774	1	.080

R5-10a(CT)



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36X36	31-1775	2	.080

R5-11



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	30X24	31-1790	1	.080
12.00	48X36	31-1792	2	.100

R6 - SERIES

R6-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
3.00	36X12	31-1188	1	.080
6.75	54X18	31-1189	2	.100

R6-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
3.00	36X12	31-1177	1	.080
6.75	54X18	31-1178	2	.100

R7 - SERIES

R7-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
1.50	12X18	31-0630	1	.080

R7-2a

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
1.50	12X18	31-0603	1	.080

R8 - SERIES

R8-7

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
12.00	48X36	31-0670	2	.100

R9 - SERIES

R9-3

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.25	18X18	31-1705	1	.080
4.00	24x24	31-1769	1	.080
6.25	30x30	31-1770	1	.080

R9-3a

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
1.50	12X18	31-1702	1	.080

R10 - SERIES

R10-6

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.00	24X36		1	.080

R10-7

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	24X30	31-0806	1	.080

R10-11b

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.00	24X24	30-0823	1	.080
9.00	36X36	31-0816	2	.080

R10-11

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	24X30	31-0828	1	.080
7.50	30X36	31-0830	1	.080
12.00	36X48	31-0819	2	.100

R10-11c

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
8.75	30X36	31-0861	1	.100
20.00	48X60	31-0862	2	.100

R10-12a

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
7.50	30X36	31-0859	1	.080

R10-15

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30X30		1	.080

R11 - SERIES

R11-1

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	24X30	31-1915	1	.080
20.00	48X60	31-1918	2	.100

RETROREFLECTIVE STRIP

R5-1(CT)

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
1.30	4X48	31-5003	1	.080
2.00	4X72	31-5004	1	.080
2.66	4X96	31-5005	1	.080

NOTES:

1. THE LEGEND "O.S.T.A." SHALL APPEAR ON ALL R- SERIES SIGNS EXCEPT WHEN SUFFIXED WITH THE LETTER "Z".
2. FOR SPECIFIC SIGN DESIGN CONTACT CONN. D.O.T., DIVISION OF TRAFFIC ENGINEERING. FOR BOLT HOLE PATTERN REFER TO FHWA PUBLICATION "STANDARD HIGHWAY SIGNS". SIGNS OF DIFFERENT DIMENSIONS TO BE ERECTED ON THE SAME POSTS, OR SPAN/MAST ARM MOUNTED, MAY REQUIRE SPECIAL BOLT HOLE PATTERNS.
3. POSTS - SEE STANDARD SHEET TR-1208_02 - "METAL SIGN POSTS AND SIGN MOUNTING DETAILS."
4. POSTS SHALL BE 4 LBS./FT.
5. SIGNS SHALL BE FABRICATED OF ONE CONTINUOUS PIECE OF SHEET ALUMINUM. SPLICING OF SHEET ALUMINUM WILL NOT BE ACCEPTED.
6. FOR OVERHEAD MOUNTED SIGNS, SEE STANDARD SHEET TR-1114_01 - "BONDING AND UTILITY POLE ATTACHMENT DETAILS, SIGN HANGER, "Y" CLAMP DETAIL."
7. ALL WHITE BACKGROUND SIDE MOUNTED SIGNS TO USE TYPE IX RETROREFLECTIVE SHEETING.
8. ALL RED AND YELLOW BACKGROUND SIGNS TO USE TYPE XI RETROREFLECTIVE SHEETING. THIS INCLUDES PARTIAL RED AND YELLOW BACKGROUND SUCH AS YIELD, DO NOT ENTER, AND TURNING VEHICLES YIELD TO PEDESTRIANS.
9. BLACK COLOR ON SIGNS SHALL BE PLAIN (NOT RETROREFLECTIVE).

REVISION DESCRIPTION | DATE | REV.

SIGNATURE BLOCK: GM2 ASSOCIATES, INC. 115 GLASTONBURY BLVD. GLASTONBURY, CT 06033

DESIGNER/DRAFTER: C. VERGE CHECKED BY: M. VAIL

NOT TO SCALE

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 04184 CARRYING OREGON ROAD OVER QUINNIPIAC RIVER

TOWN(S): CITY OF MERIDEN

DRAWING TITLE: MISCELLANEOUS DETAIL SHEET - SIGN FACE SHEET ALUMINUM R SERIES TYPICAL SIGNS

PROJECT NO.: L079-0004

DRAWING NO.: MDS-11

SHEET NO.: 02.14

LASTED SAVED BY: CVerge FILE NAME: M:\41097_Oregon_Rd_Meriden\300_Engineering & Design\325-Highways\Contract Plans\HW_MSH_41097_MDS.dgn

PLOTTED DATE: 5/12/2026

NOT TO SCALE

S - SERIES

S1-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.75	36	41-2112	1	.080
12.00	48	41-2113	2	.100

W1 - SERIES

W1-1L



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4006	1	.080
9.00	36	41-4031	1	.080
16.00	48	41-4056	2	.100

W1-1R



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4005	1	.080
9.00	36	41-4160	1	.080
16.00	48	41-4055	2	.100

W1-6



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
8.00	48X24	41-4223	2	.100
12.50	60X30	41-4262	2	.100

W1-2



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4029	1	.080
9.00	36	41-4169	1	.080
16.00	48	41-4068	2	.100

W1-2



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4168	1	.080
9.00	36	41-4032	1	.080
16.00	48	41-4067	2	.100

W1-7



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
8.00	48X24	41-4207	2	.100
12.50	60X30	41-4208	2	.100

W1-3



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4104	1	.080
9.00	36	41-4135	1	.080
16.00	48	41-4154	2	.100

W1-3



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4103	1	.080
9.00	36	41-4149	1	.080
16.00	48	41-4153	2	.100

W1-8



(LEFT OR RIGHT)

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
3.00	18X24	41-3951	1	.080
7.50	30X36	41-4211	1	.080
12.00	36X48	41-4260	2	.100

W1-4



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4188	1	.080
9.00	36	41-4189	1	.080
16.00	48	41-4152	2	.100

W1-4



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4178	1	.080
9.00	36	41-4179	1	.080
16.00	48	41-4151	2	.100

W2 - SERIES

W2-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4226	1	.080
9.00	36	41-4236	1	.080
16.00	48	41-4221	2	.100

W2-2



(LEFT OR RIGHT)

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4225	1	.080
9.00	36	41-4235	1	.080

W3 - SERIES

W3-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-0501	1	.080
16.00	48	41-0503	2	.100

W3-2



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-0504	1	.080
16.00	48	41-0506	2	.100

W3-3



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-0835	1	.080
16.00	48	41-0848	2	.100

W3-3(CT)



W/ FLASHERS

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
25.00	60	41-0534	2	.125

W4 - SERIES

W4-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4448	1	.080
16.00	48	41-4452	2	.100

W4-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4449	1	.080
16.00	48	41-4459	2	.100

W4-2



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4442	1	.080
16.00	48	41-4446	2	.100

W4-2



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4441	1	.080
16.00	48	41-4447	2	.100

W4-3



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4468	1	.080
16.00	48	41-4435	2	.100

W4-3



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4470	1	.080
16.00	48	41-4434	2	.100

W5 - SERIES

W5-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4492	1	.080
16.00	48	41-4493	2	.100

W6 - SERIES

W6-1



W6-2



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4335	1	.080
16.00	48	41-4330	2	.100

W6-3



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4329	1	.080
16.00	48	41-4331	2	.100

W7 - SERIES

W7-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4506	1	.080
9.00	36	41-4530	1	.080
16.00	48	41-4508	2	.100

W8 - SERIES

W8-5



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4519	1	.080
9.00	36	41-4520	1	.080
16.00	48	41-4521	2	.100

W9 - SERIES

W9-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4443	1	.080
16.00	48	41-4444	2	.100

W9-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4440	1	.080
16.00	48	41-4445	2	.100

W11 - SERIES

W11-2



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4829	1	.080
9.00	36	41-4830	1	.080

W11-8



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4680	1	.080
9.00	36	41-4681	1	.080

W11-15



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4828	1	.080
9.00	36	41-4827	1	.080

W12 - SERIES

W12-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4213	1	.080
9.00	36	41-4215	1	.080

W12-2



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4706	1	.080
16.00	48	41-4708	2	.100

W12-2P (CT)



(SUBPLATE)

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	30X24	41-4721		.080

W12-2P (CT)



(SUBPLATE)

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	30X24	41-4722		.080

W13 - SERIES

W13-1P



(SUBPLATE)

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.25	18X18	41-5566		.080
4.00	24X24	41-5567		.080
6.25	30X30	41-5574		.080

W13-2

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
12.00	36X48	41-5586	2	.100

W13-3

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
12.00	36X48	41-5581	2	.100

W16 - SERIES

W16-2aP

(SUBPLATE)
USE AT ADVANCE SIGN LOCATION

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.00	24X12	41-6140	1	.080

W16-7PL

(SUBPLATE)
USE AT CROSSWALK

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.19	21X15	41-2602	1	.080

W16-9P

(SUBPLATE)
USE AT ADVANCE SIGN LOCATION

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.00	24X12	41-6126	1	.080
3.75	30X18	41-6137	1	.080

W16-2aP

(SUBPLATE)
USE AT ADVANCE SIGN LOCATION

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.00	24X12	41-6130	1	.080
3.75	30X18	41-6134	1	.080

W16-7PR

(SUBPLATE)
USE AT CROSSWALK

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.19	21X15	41-2604	1	.080

RETROREFLECTIVE STRIP

USE WITH W16-7P

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.00	4X72	41-5010	1	.080

USE WITH:
W1-6
W1-8

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
1.33	4X48	41-5001	1	.080
2.00	4X72	41-5006	1	.080

OBJECT MARKERS

OM3-(L/C/R)

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
3.00	12X36		1	.080

NOTES:

1. FOR SPECIFIC SIGN DESIGN CONTACT CONN. D.O.T., DIVISION OF TRAFFIC ENGINEERING. FOR BOLT HOLE PATTERN REFER TO FHWA PUBLICATION "STANDARD HIGHWAY SIGNS". SIGNS OF DIFFERENT DIMENSIONS TO BE ERECTED ON THE SAME POSTS, OR SPAN/MAST ARM MOUNTED, MAY REQUIRE SPECIAL BOLT HOLE PATTERNS.
2. POSTS - SEE STANDARD SHEET TR-1208_02 "METAL SIGN POSTS AND SIGN MOUNTING DETAILS."
3. POSTS SHALL BE 4 LBS./FT.
4. SIGNS SHALL BE FABRICATED OF ONE CONTINUOUS PIECE OF SHEET ALUMINUM. SPLICING OF SHEET ALUMINUM WILL NOT BE ACCEPTED.
5. FLUORESCENT YELLOW RETROREFLECTIVE STRIPS SHALL BE INSTALLED ON ALL SIGN POSTS FOR W1-6 AND W1-8 SIGNS. FLUORESCENT YELLOW GREEN RETROREFLECTIVE STRIPS SHALL BE INSTALLED ON ALL SIGN POSTS FOR S1-1 AND W11-2 SIGNS LOCATED AT CROSSINGS. RETROREFLECTIVE STRIPS SHOULD NOT BE INSTALLED ON ADVANCE CROSSING WARNING SIGNS. SEE STANDARD SHEET TR-1208_01 "SIGN PLACEMENT AND RETROREFLECTIVE STRIP DETAILS" FOR RETROREFLECTIVE STRIP DETAILS AND INSTALLATION.
6. ALL SIGNS TO USE TYPE XI RETROREFLECTIVE SHEETING.
7. BLACK COLOR ON SIGNS SHALL BE PLAIN (NOT RETROREFLECTIVE).

REVISION DESCRIPTION | DATE | REV.

SIGNATURE BLOCK:
GM2 ASSOCIATES, INC.
115 GLASTONBURY BLVD.
GLASTONBURY, CT 06033

DESIGNER/DRAFTER: C. VERGE CHECKED BY: M. VAIL

NOT TO SCALE

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 04184 CARRYING OREGON ROAD OVER QUINNIPIAC RIVER

TOWN(S):
CITY OF MERIDEN

DRAWING TITLE:
MISCELLANEOUS DETAIL SHEET - SIGN FACE SHEET ALUMINUM S&W SERIES TYPICAL SIGNS

PROJECT NO.:
L079-0004

DRAWING NO.:
MDS-12

SHEET NO.:
02.15

LASTED SAVED BY: PBarbosa **FILE NAME:** M:\41097_Oregon_Rd_Meriden\300_Engineering & Design\325-Highways\Contract Plans\HW_MSH_41097_MDS.dgn
PLOTTED DATE: 5/12/2026

End Sta. 7+13.22
N 751333.57
E 975524.83

N20°52'32"W
126.89'

PT 5+86.33
N 751215.01
E 975570.04

PI 4+56.74
N 751090.01
E 975617.71
DELTA 24°49'09"
R 608.00'
L 263.37'
T 133.78'
D 09°25'25"

Begin Sta. 10+00.00
N 751053.90
E 975661.73

N63°07'03"E
280.00'

PI 12+80.00
N 751180.51
E 975911.47

N62°16'03"E
300.45'

PC 15+80.45
N 751320.32
E 976177.41

PI 16+73.52
N 751363.63
E 976259.79
DELTA 13°16'18"
R 800.00'
L 185.31'
T 93.07'
D 07°09'43"

PCC 17+65.76
N 751424.70
E 976330.03

PI 17+71.46
N 751428.43
E 976334.33
DELTA 00°29'36"
R 1323.00'
L 11.39'
T 5.70'
D 04°19'51"

End Sta. 17+77.15
N 751432.21
E 976388.59

N48°30'09"E

PC 3+22.96
N 750996.56
E 975713.45

N45°41'40"W
3+00.00

PT 2+72.96
N 750961.64
E 975749.23

PI 2+26.32
N 750928.81
E 975782.87
DELTA 12°27'00"
R 433.84'
L 93.84'
T 47.00'
D 13°12'24"

N82°37'38"W

PCC 1+79.32
N 750903.95
E 975822.76

PI 1+40.28
N 750882.64
E 975855.94
DELTA 24°33'57"
R 185.00'
L 79.32'
T 40.28'
D 30°58'14"

Begin Sta. 1+00.00
N 750877.47
E 975896.88

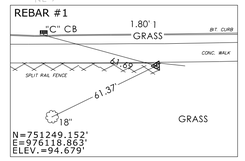
APPROX. STREET LINE

CP #52 (DH)
CP #53 (DH)
CP #1 (REBAR)
CP #3 (SPK)

WET FLAG
NO NAME
NO NUMBER

COORDINATE GRID
CONNECTICUT
NAD 83

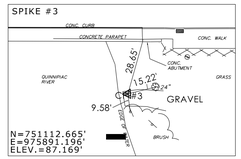
REBAR #1



N=751249.152'
E=976118.863'
ELEV.=94.679'

N.T.S.

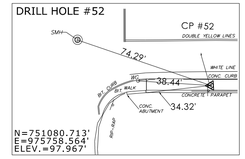
SPIKE #3



N=751112.665'
E=975891.196'
ELEV.=87.169'

N.T.S.

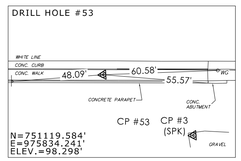
DRILL HOLE #52



N=751080.713'
E=975758.564'
ELEV.=97.967'

N.T.S.

DRILL HOLE #53



N=751119.584'
E=975834.241'
ELEV.=98.298'

N.T.S.

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:
GM2 ASSOCIATES, INC.
115 GLASTONBURY BLVD.
GLASTONBURY, CT 06033
DESIGNER/DRAFTER: C. VERGE CHECKED BY: M. VAIL

0 40 80
HORIZONTAL SCALE
1" = 40'

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 04184 CARRYING OREGON ROAD OVER QUINNIPIAC RIVER

TOWN(S):
CITY OF MERIDEN

DRAWING TITLE:
GEOMETRIC LAYOUT AND SURVEY LAYOUT AND TIE PLAN

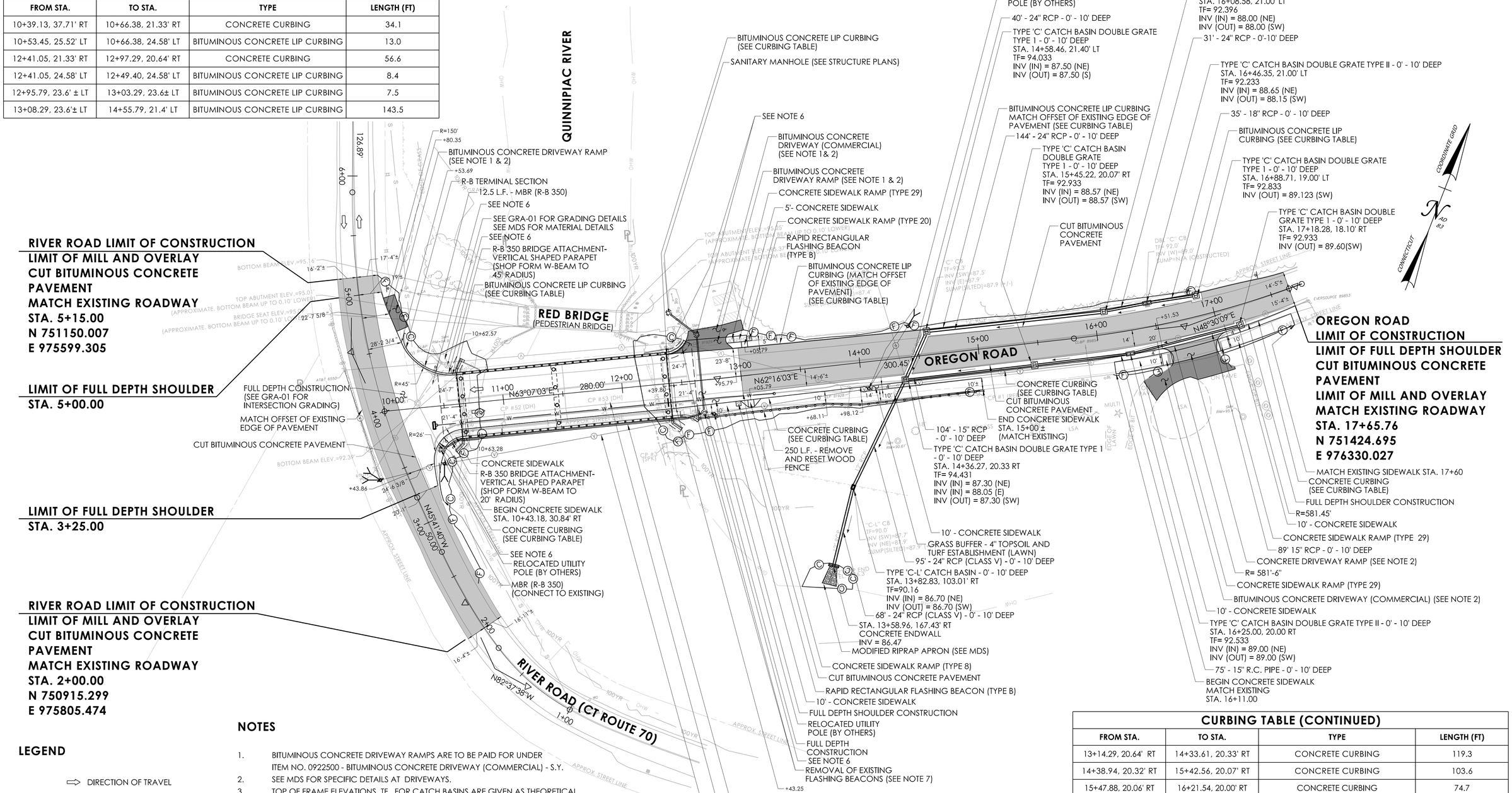
PROJECT NO.:
L079-0004

DRAWING NO.:
GLP-01

SHEET NO.: 02.16

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PLOTTED DATE: 5/12/2026

CURBING TABLE			
FROM STA.	TO STA.	TYPE	LENGTH (FT)
10+39.13, 37.71' RT	10+66.38, 21.33' RT	CONCRETE CURBING	34.1
10+53.45, 25.52' LT	10+66.38, 24.58' LT	BITUMINOUS CONCRETE LIP CURBING	13.0
12+41.05, 21.33' RT	12+97.29, 20.64' RT	CONCRETE CURBING	56.6
12+41.05, 24.58' LT	12+49.40, 24.58' LT	BITUMINOUS CONCRETE LIP CURBING	8.4
12+95.79, 23.6' ± LT	13+03.29, 23.6± LT	BITUMINOUS CONCRETE LIP CURBING	7.5
13+08.29, 23.6'± LT	14+55.79, 21.4' LT	BITUMINOUS CONCRETE LIP CURBING	143.5



NOTES

1. BITUMINOUS CONCRETE DRIVEWAY RAMPS ARE TO BE PAID FOR UNDER ITEM NO. 0922500 - BITUMINOUS CONCRETE DRIVEWAY (COMMERCIAL) - S.Y.
2. SEE MDS FOR SPECIFIC DETAILS AT DRIVEWAYS.
3. TOP OF FRAME ELEVATIONS, TF, FOR CATCH BASINS ARE GIVEN AS THEORETICAL GUTTER GRADE MINUS 2" DEPRESSION.
4. ALL CATCH BASINS SHALL HAVE TYPE A GRATES.
5. SEE SPM-01 FOR SIGNING AND PAVEMENT MARKINGS
6. SEE STRUCTURE PLANS FOR SANITARY SEWER RELOCATION, OVERHEAD UTILITY RELOCATION AND ASSOCIATED WORK.
7. TO BE PAID FOR UNDER ITEM 1117116A- REMOVAL OF EXISTING FLASHING BEACONS. FLASHING BEACONS TO BE REMOVED AT END OF PROJECT, SEE MAINTENANCE AND PROTECTION OF TRAFFIC PLANS FOR TEMPORARY REMOVAL AND RELOCATION OF EXISTING FLASHING BEACONS.

LEGEND

- DIRECTION OF TRAVEL
- FULL DEPTH CONSTRUCTION
- MILL & OVERLAY
- WETLAND LIMITS
- WATERCOURSE
- OHW – ORDINARY HIGH WATER

CURBING TABLE (CONTINUED)			
FROM STA.	TO STA.	TYPE	LENGTH (FT)
13+14.29, 20.64' RT	14+33.61, 20.33' RT	CONCRETE CURBING	119.3
14+38.94, 20.32' RT	15+42.56, 20.07' RT	CONCRETE CURBING	103.6
15+47.88, 20.06' RT	16+21.54, 20.00' RT	CONCRETE CURBING	74.7
14+61.12, 21.4' LT	16+05.85, 21.00' LT	BITUMINOUS CONCRETE LIP CURBING	144.1
16+11.32, 21.00' LT	16+42.71, 21.00' LT	BITUMINOUS CONCRETE LIP CURBING	30.6
16+28.46, 20.00' RT	16+50.20, 20.00' RT	CONCRETE CURBING	22.3
16+50.00, 21.00' LT	16+85.98, 19.1' LT	BITUMINOUS CONCRETE LIP CURBING	35.1
16+91.43, 18.86' LT	17+65.76, 14.4± LT	BITUMINOUS CONCRETE LIP CURBING	72.9
17+05.47, 18.64' RT	17+15.68, 18.22' RT	CONCRETE CURBING	10.4
17+20.88, 17.98' RT	17+65.76, 15.3'± RT	CONCRETE CURBING	45.9

REVISION DESCRIPTION | DATE | REV.

SIGNATURE BLOCK: GM2 ASSOCIATES, INC. 115 GLASTONBURY BLVD. GLASTONBURY, CT 06033
DESIGNER/DRAFTER: C. VERGE CHECKED BY: M. VAIL

0 40 80 HORIZONTAL SCALE 1" = 40'

CITY OF MERIDEN

PROJECT TITLE: REPLACEMENT OF BRIDGE NO. 04184 CARRYING OREGON ROAD OVER QUINNIPIAC RIVER

TOWN(S): CITY OF MERIDEN

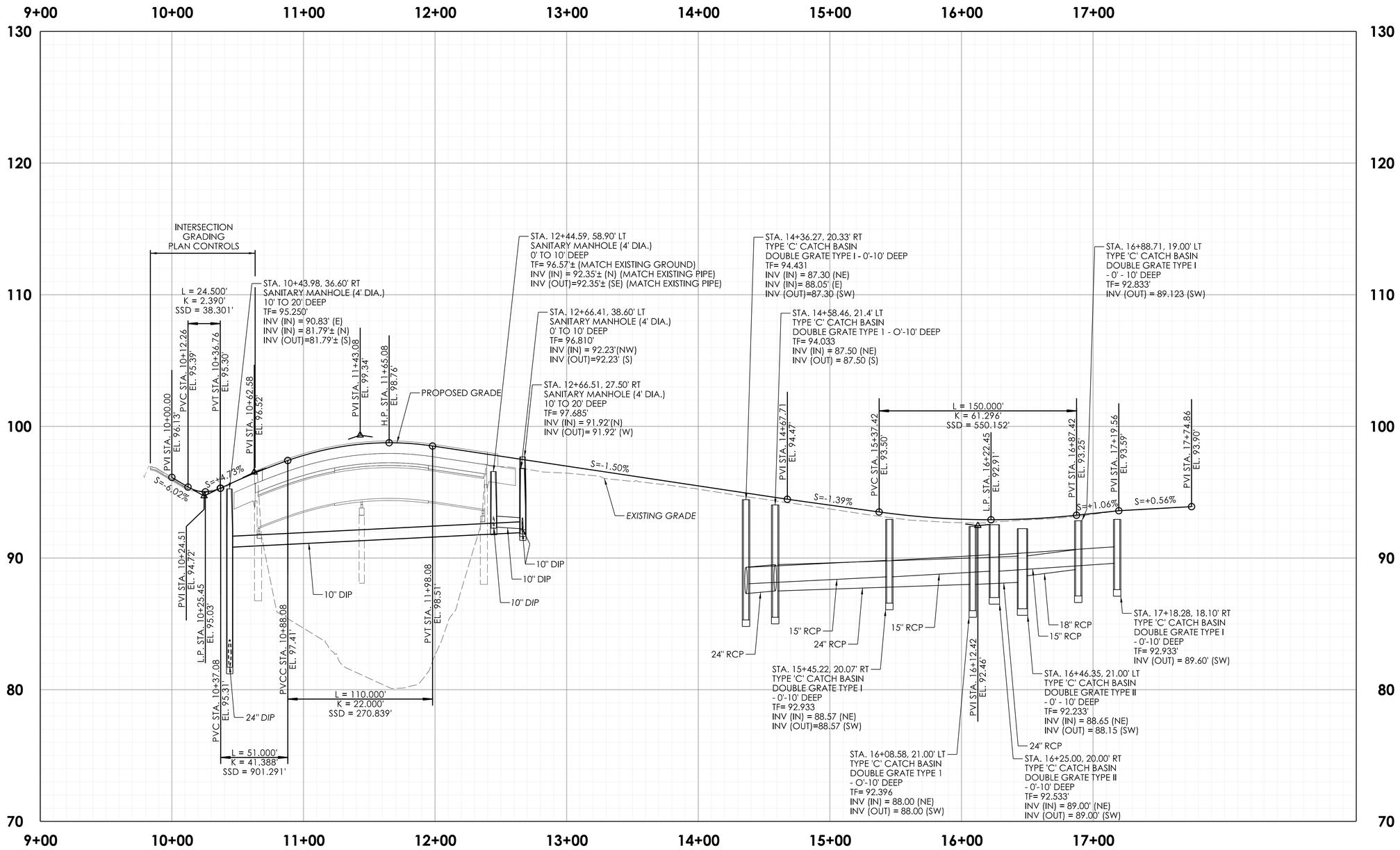
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PROJECT NO.: L079-0004

DRAWING NO.: RDWY-01

SHEET NO.: 02.17

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PLOTTED DATE: 5/12/2026



REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:
GM2 ASSOCIATES, INC.
115 GLASTONBURY BLVD.
GLASTONBURY, CT 06033
DESIGNER/DRAFTER: C. VERGE CHECKED BY: M. VAIL

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

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 04184 CARRYING OREGON ROAD OVER QUINNIPIAC RIVER

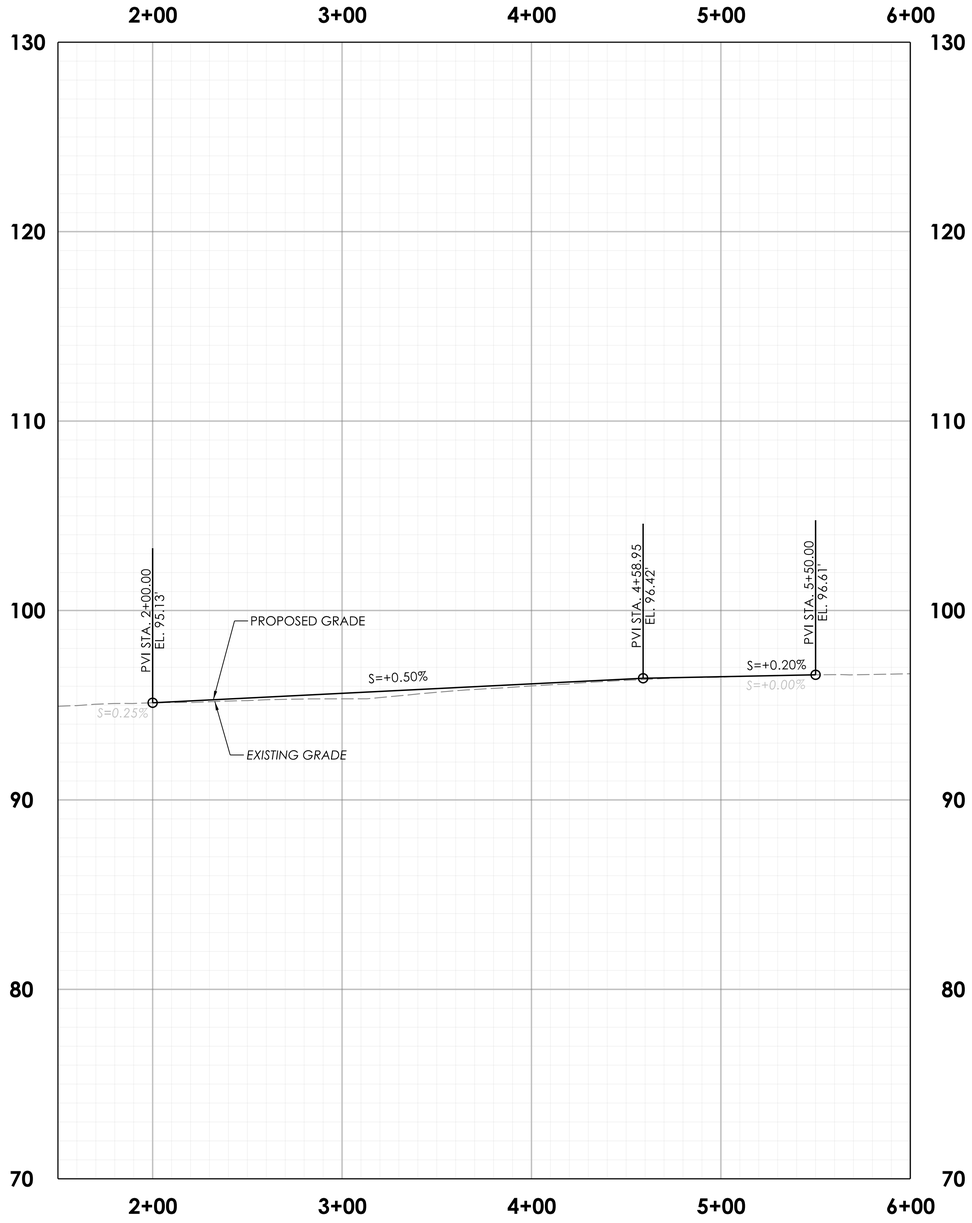
TOWN(S):
CITY OF MERIDEN

DRAWING TITLE:
OREGON ROAD PROFILE

PROJECT NO.: **L079-0004**

DRAWING NO.: **PRO-01**
SHEET NO.: 02.18

LASTED SAVED BY: CVerge **FILE NAME:** M:\41097_Oregon_Rd_Meriden\300_Engineering & Design\325-Highways\Contract Plans\HW_MST_41097_04184_PRO.dgn
PLOTTED DATE: 5/12/2026



REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:
GM2 ASSOCIATES, INC.
115 GLASTONBURY BLVD.
GLASTONBURY, CT 06033

DESIGNER/DRAFTER: C. VERGE CHECKED BY: M. VAIL

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

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 04184 CARRYING OREGON ROAD OVER QUINNIPIAC RIVER

TOWN(S):
CITY OF MERIDEN

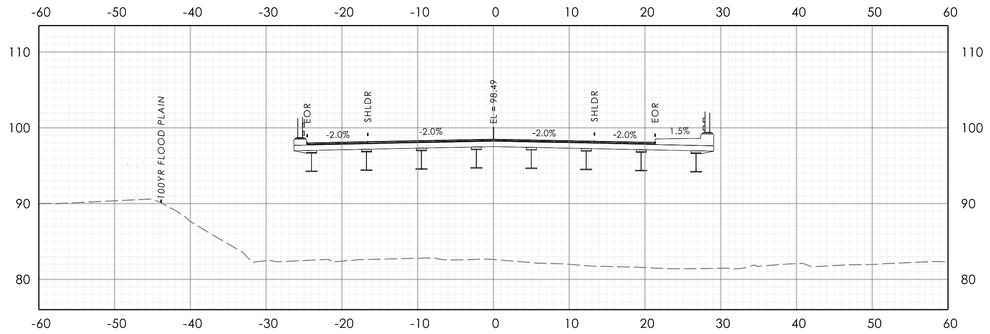
DRAWING TITLE:
RIVER ROAD (ROUTE 70) PROFILE

PROJECT NO.:
L079-0004

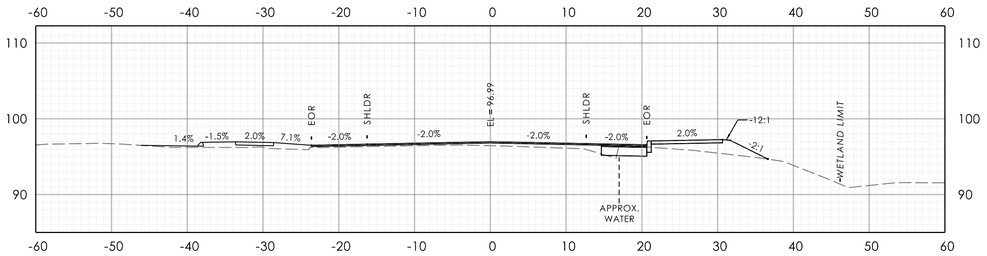
DRAWING NO.:
PRO-02

SHEET NO.:
02.19

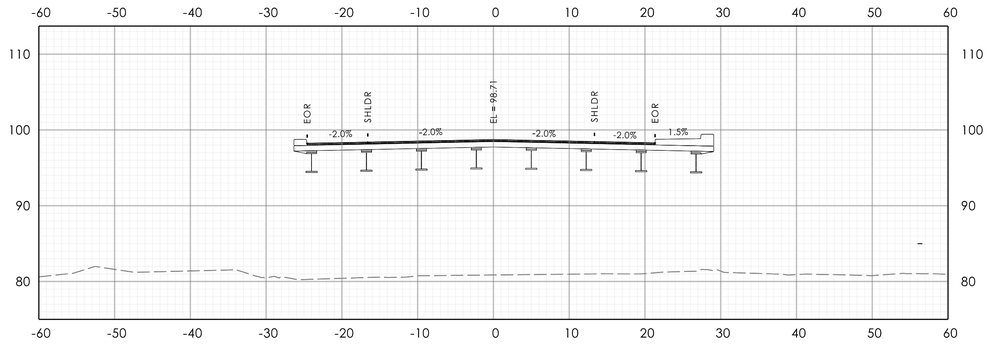
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PLOTTED DATE: 5/12/2026



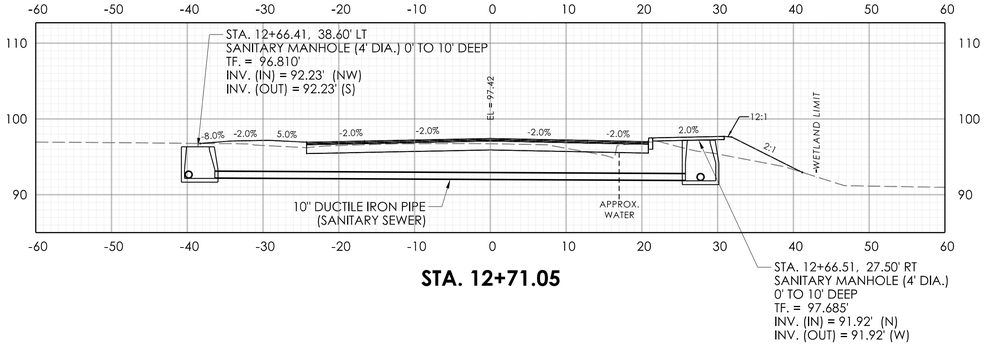
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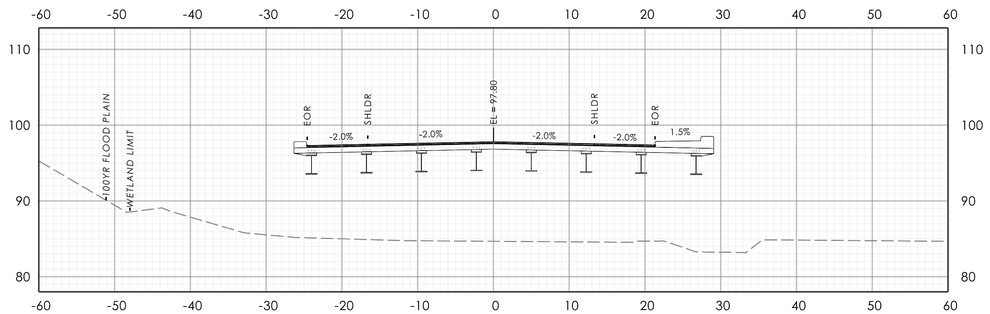
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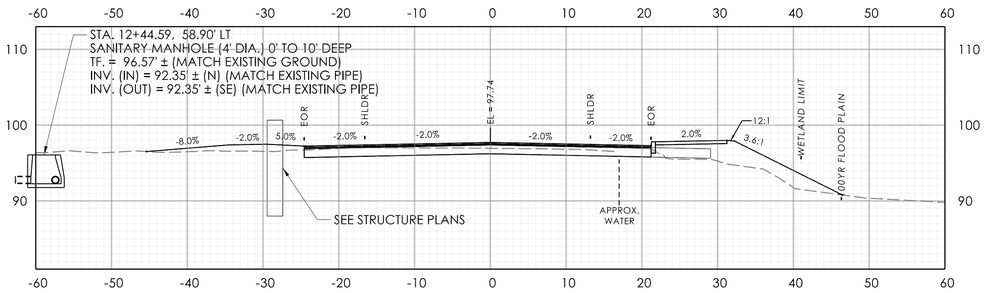
STA. 11+50.00



STA. 12+71.05



STA. 11+00.00



STA. 12+50.00

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:
GM2 ASSOCIATES, INC.
115 GLASTONBURY BLVD.
GLASTONBURY, CT 06033
DESIGNER/DRAFTER: C. VERGE CHECKED BY: M. VAIL

HORIZONTAL SCALE 1" = 10'

PROJECT TITLE: **REPLACEMENT OF BRIDGE NO. 04184 CARRYING OREGON ROAD OVER QUINNIPIAC RIVER**

TOWN(S): **CITY OF MERIDEN**

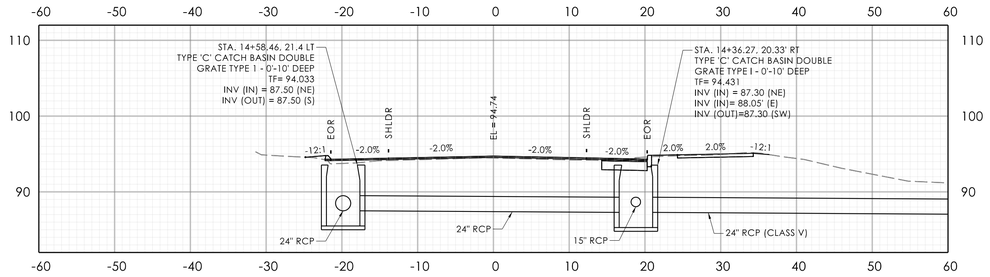
DRAWING TITLE: **OREGON ROAD CROSS SECTIONS**

PROJECT NO.: **L079-0004**

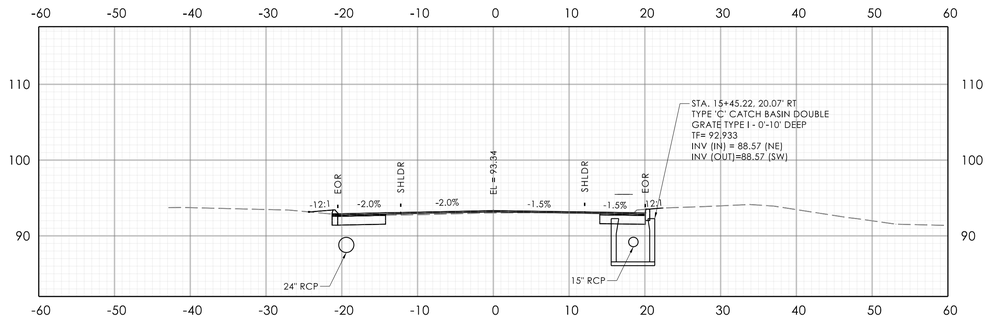
DRAWING NO.: **XSC-01**

SHEET NO.: 02.20

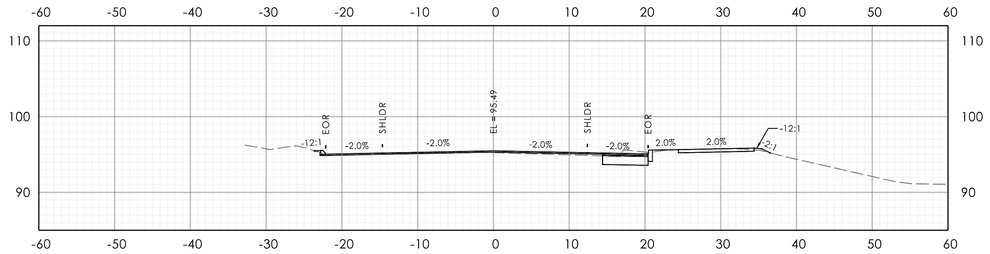
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PLOTTED DATE: 5/12/2026



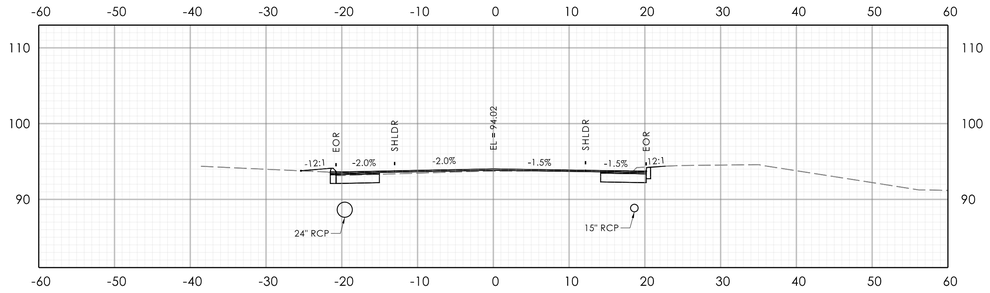
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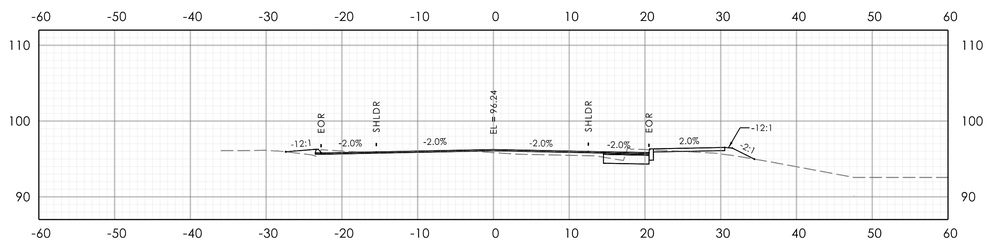
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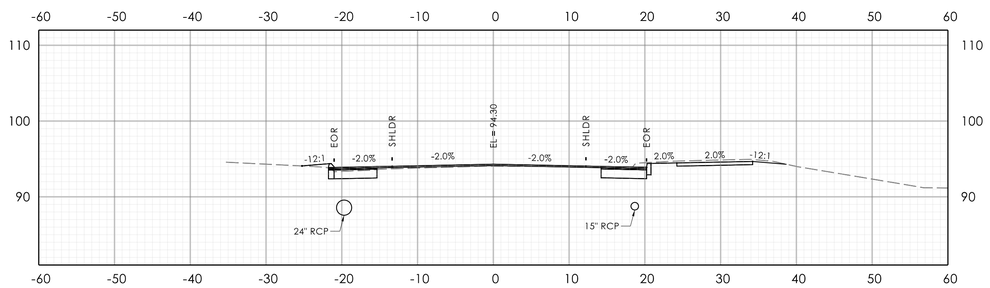
STA. 14+00.00



STA. 15+00.00



STA. 13+50.00



STA. 14+80.00

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:
GM2 ASSOCIATES, INC.
115 GLASTONBURY BLVD.
GLASTONBURY, CT 06033
DESIGNER/DRAFTER: C. VERGE CHECKED BY: M. VAIL

HORIZONTAL SCALE 1" = 10'

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 04184 CARRYING OREGON ROAD OVER QUINNIPIAC RIVER

TOWN(S):
CITY OF MERIDEN

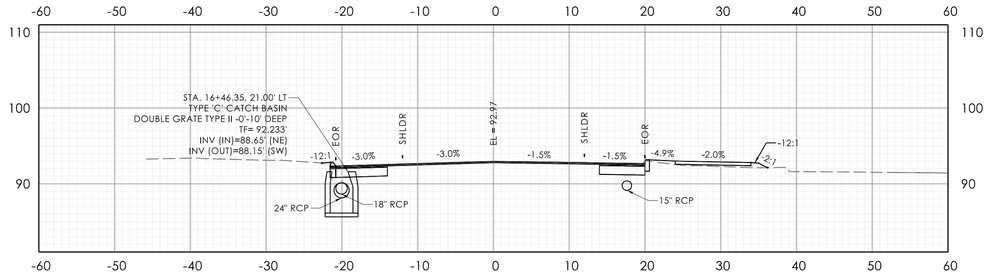
DRAWING TITLE:
OREGON ROAD CROSS SECTIONS

PROJECT NO.:
L079-0004

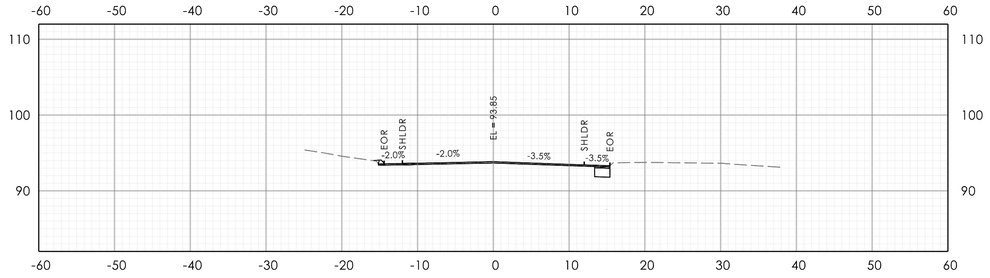
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SHEET NO.:
02.21

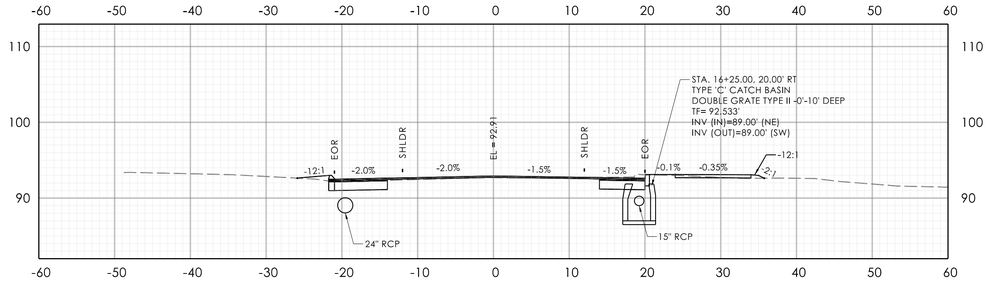
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PLOTTED DATE: 5/12/2026



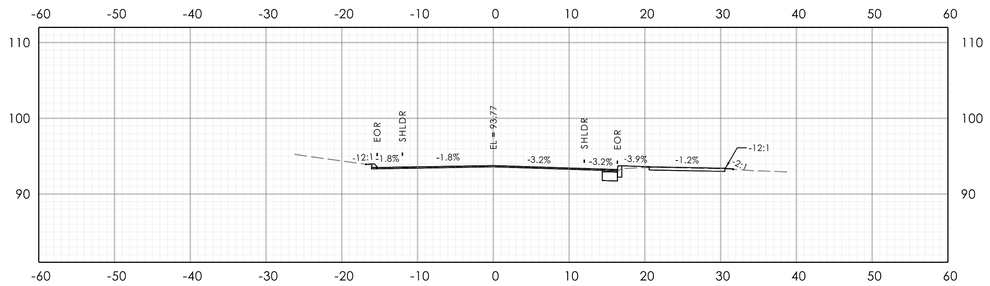
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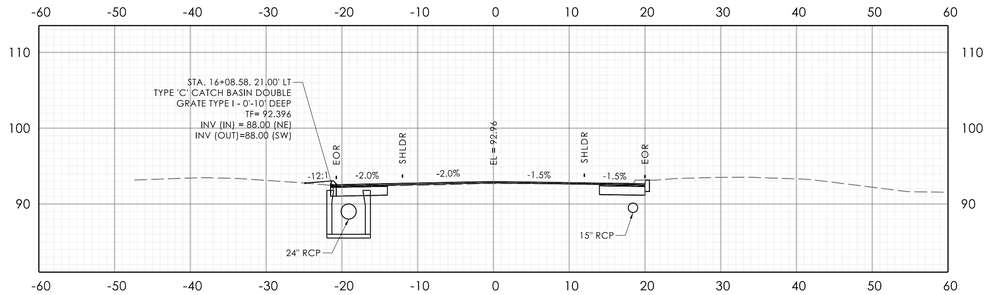
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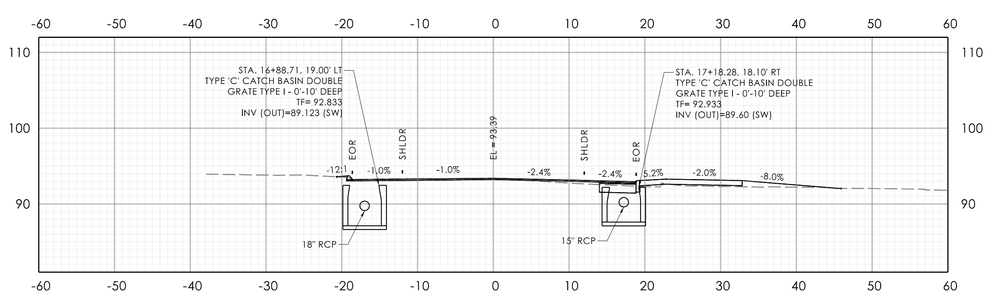
STA. 16+20.00



STA. 17+50.00



STA. 16+00.00



STA. 17+00.00

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:
GM2 ASSOCIATES, INC.
115 GLASTONBURY BLVD.
GLASTONBURY, CT 06033
DESIGNER/DRAFTER: C. VERGE CHECKED BY: M. VAIL

0 10 20
HORIZONTAL SCALE
1" = 10'

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 04184 CARRYING OREGON ROAD OVER QUINNIPIAC RIVER

TOWN(S):
CITY OF MERIDEN

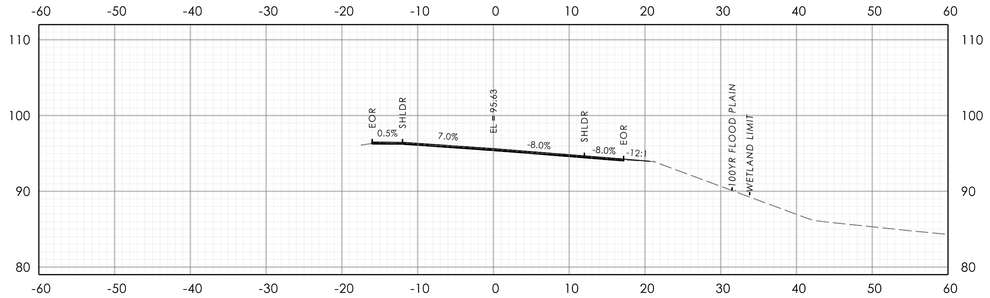
DRAWING TITLE:
OREGON ROAD CROSS SECTIONS

PROJECT NO.:
L079-0004

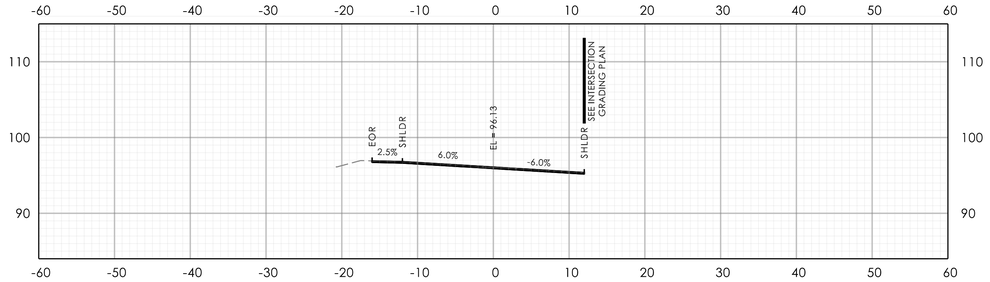
DRAWING NO.:
XSC-03

SHEET NO.:
02.22

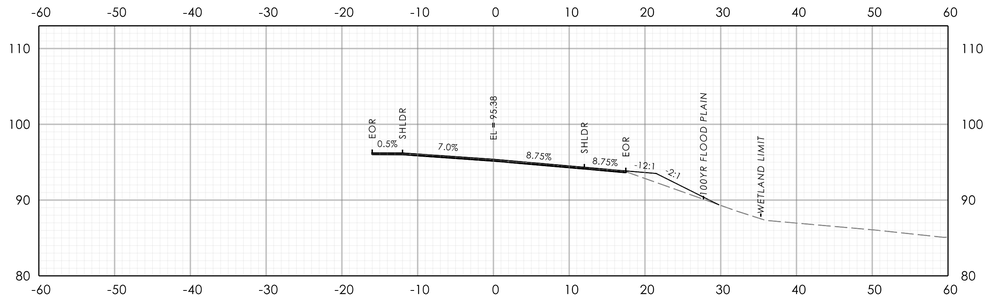
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PLOTTED DATE: 5/12/2026



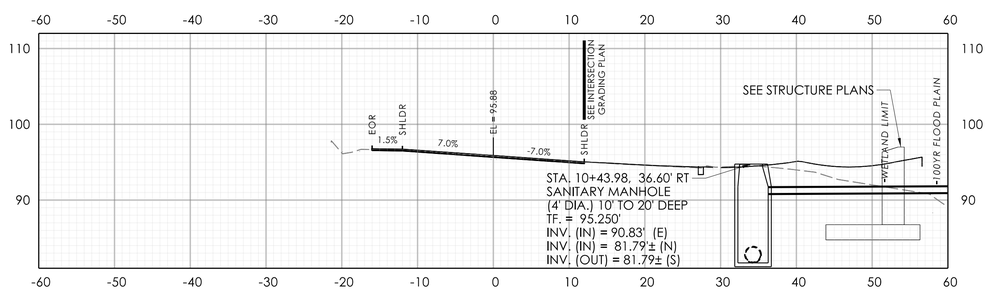
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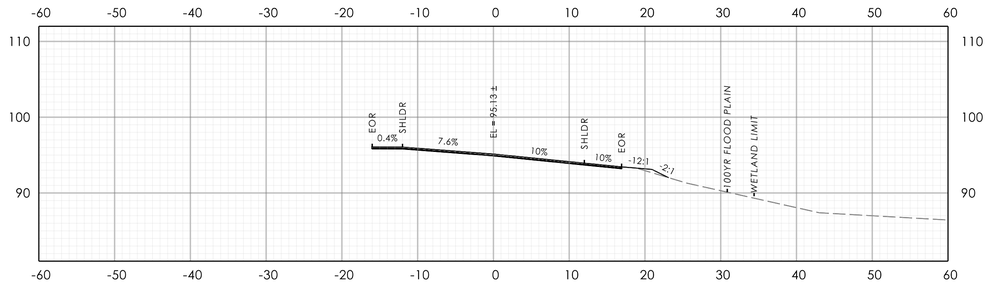
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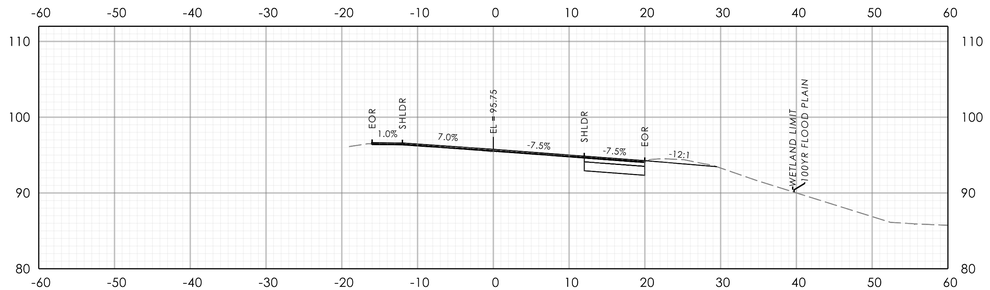
STA. 2+50.00



STA. 3+50.00



STA. 2+00.00



STA. 3+25.00

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:
GM2 ASSOCIATES, INC.
115 GLASTONBURY BLVD.
GLASTONBURY, CT 06033
DESIGNER/DRAFTER: C. VERGE CHECKED BY: M. VAIL

HORIZONTAL SCALE
1" = 10'

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 04184 CARRYING OREGON ROAD OVER QUINNIPIAC RIVER

TOWN(S):
CITY OF MERIDEN

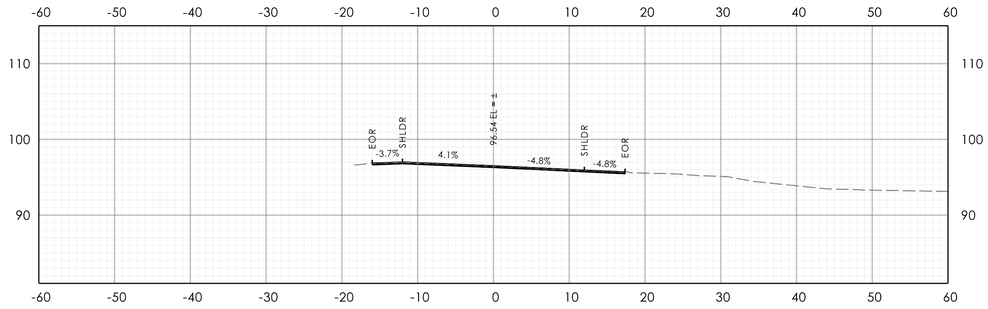
DRAWING TITLE:
RIVER ROAD (ROUTE 70) CROSS SECTIONS

PROJECT NO.:
L079-0004

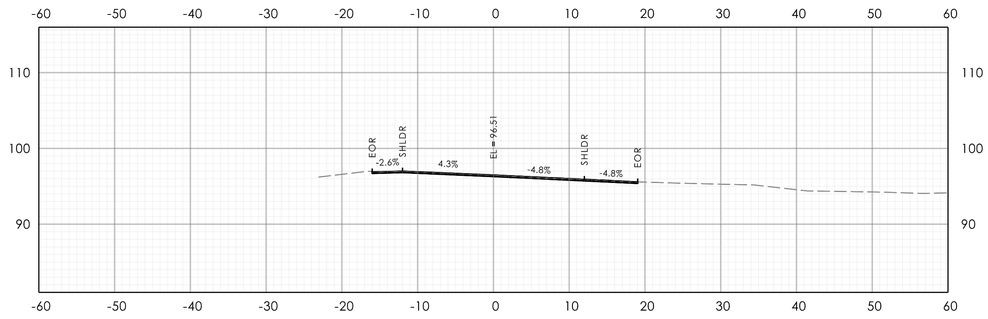
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XSC-04

SHEET NO.:
02.23

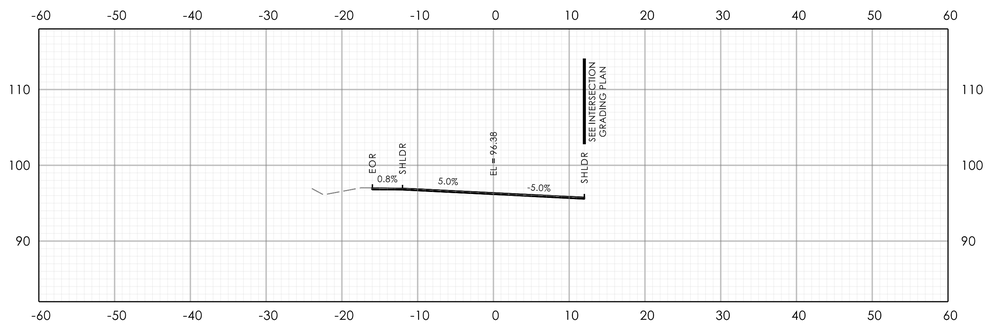
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PLOTTED DATE: 5/12/2026



STA. 5+15.00



STA. 5+00.00



STA. 4+50.00

REVISION DESCRIPTION

DATE

REV.

SIGNATURE BLOCK:
GM2 ASSOCIATES, INC.
115 GLASTONBURY BLVD.
GLASTONBURY, CT 06033
DESIGNER/DRAFTER: C. VERGE CHECKED BY: M. VAIL

0 10 20
HORIZONTAL SCALE
1" = 10'

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 04184 CARRYING OREGON ROAD OVER QUINNIPIAC RIVER

TOWN(S):
CITY OF MERIDEN

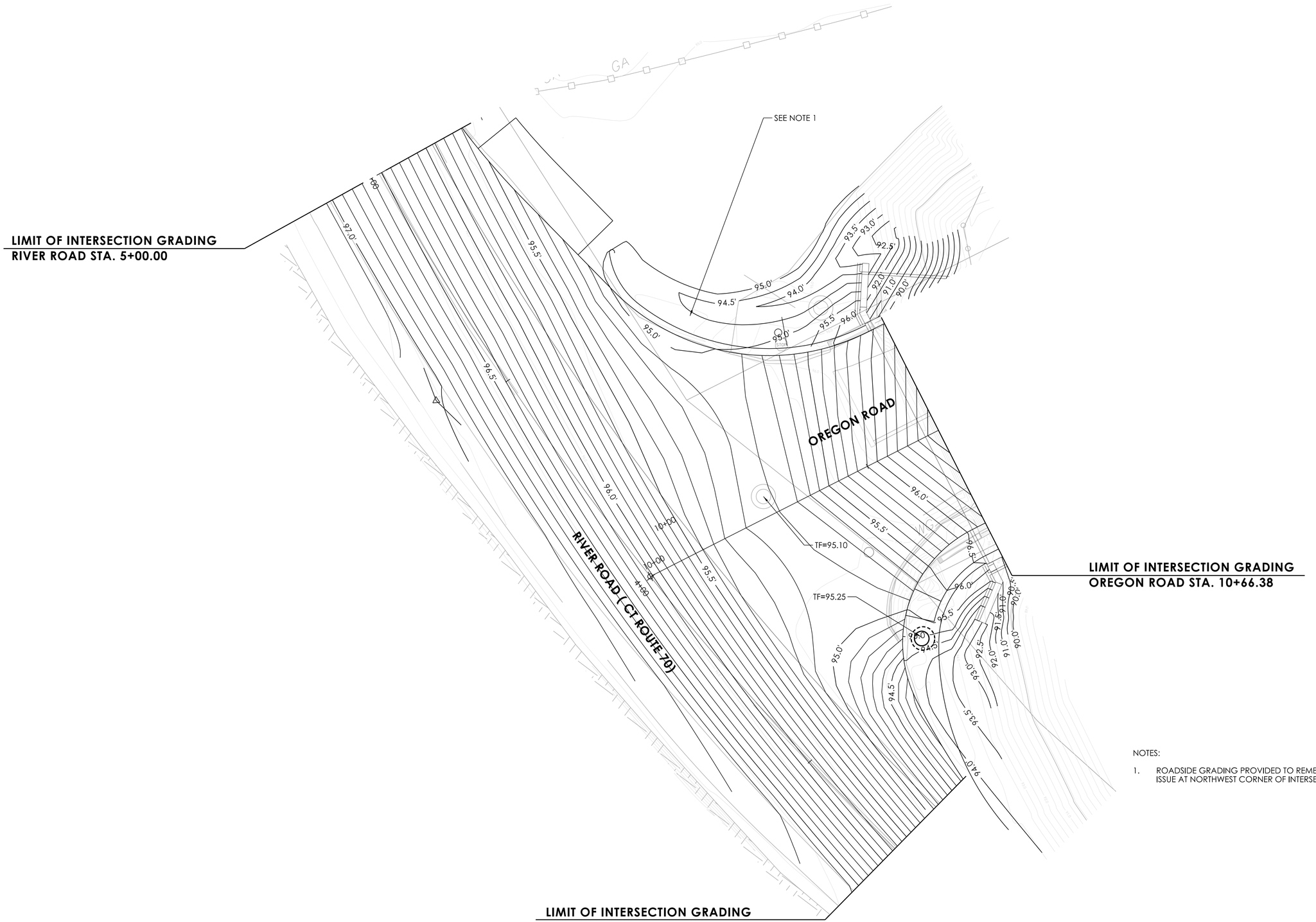
DRAWING TITLE:
RIVER ROAD (ROUTE 70) CROSS SECTIONS

PROJECT NO.:
L079-0004

DRAWING NO.:
XSC-05

SHEET NO.:
02.24

LASTED SAVED BY: CVerge **FILE NAME:** M:\41097_Oregon_Rd_Meriden\300_Engineering & Design\325-Highways\Contract Plans\HW_MST_41097_04184_XSC PLANS.dgn
PLOTTED DATE: 5/12/2026



NOTES:

1. ROADSIDE GRADING PROVIDED TO REMEDY EXISTING PONDING ISSUE AT NORTHWEST CORNER OF INTERSECTION.

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:
GM2 ASSOCIATES, INC.
115 GLASTONBURY BLVD.
GLASTONBURY, CT 06033

DESIGNER/DRAFTER: C. VERGE CHECKED BY: M. VAIL

0 10 20
HORIZONTAL SCALE
1" = 10'

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 04184 CARRYING OREGON ROAD OVER QUINNIPIAC RIVER

TOWN(S):
CITY OF MERIDEN

DRAWING TITLE:
INTERSECTION GRADING PLAN

PROJECT NO.:
L079-0004

DRAWING NO.:
GRA-01

SHEET NO.:
02.25

LASTED SAVED BY: CVerge **FILE NAME:** M:\41097_Oregon_Rd_Meriden\300_Engineering & Design\325-Highways\Contract Plans\HW_MST_41097_04184_GRA-01.dgn
PLOTTED DATE: 5/12/2026