(2) WEIGHT BEFORE GALVANIZING OR PUNCHING.

THE CHANNEL POST FOR DELINEATORS SHALL BE MANUFACTURED FROM DUCTILE ASTM A 36 OR ASTM A 1011 GR 60.



OUTSIDE  
BARRIER CURB

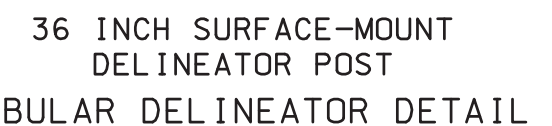
NARROW  
PAVED MEDIAN

## CHANNEL POST DELINEATOR MOUNTING DETAILS



DOUBLE STACKED

CHANNEL POST  
DELINEATOR REFLECTOR



COLOR OF TUBULAR DELINEATOR AND REFLECTIVE SHEETING SHALL MATCH THE COLOR OF THE CLOSEST PAVEMENT MARKING OR CURB MARKING.

TUBULAR DELINEATOR SHAPE MAY BE ROUND OR T-SHAPED.  
TUBULAR DELINEATOR SHALL BE PERMANENTLY MOUNTED TO  
THE PAVEMENT SURFACE IN ACCORDANCE WITH THE  
MANUFACTURER'S RECOMMENDATIONS.

NOTES:

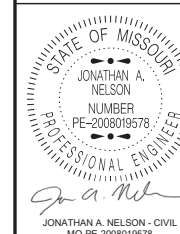
RETROREFLECTIVE YELLOW, WHITE OR RED SHEETING IN ACCORDANCE WITH SEC 1042.2.7.5 SHALL BE APPLIED TO ONLY ONE SIDE OF THE DELINEATOR REFLECTOR BODY.

THE COLOR OF THE SHEETING SHALL CORRESPOND TO THE CLOSEST ADJACENT PAVEMENT MARKING.

3" X 6" DELINEATOR BODY SHALL BE MADE FROM  
0.080 INCH ALUMINUM.

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COMMISSION

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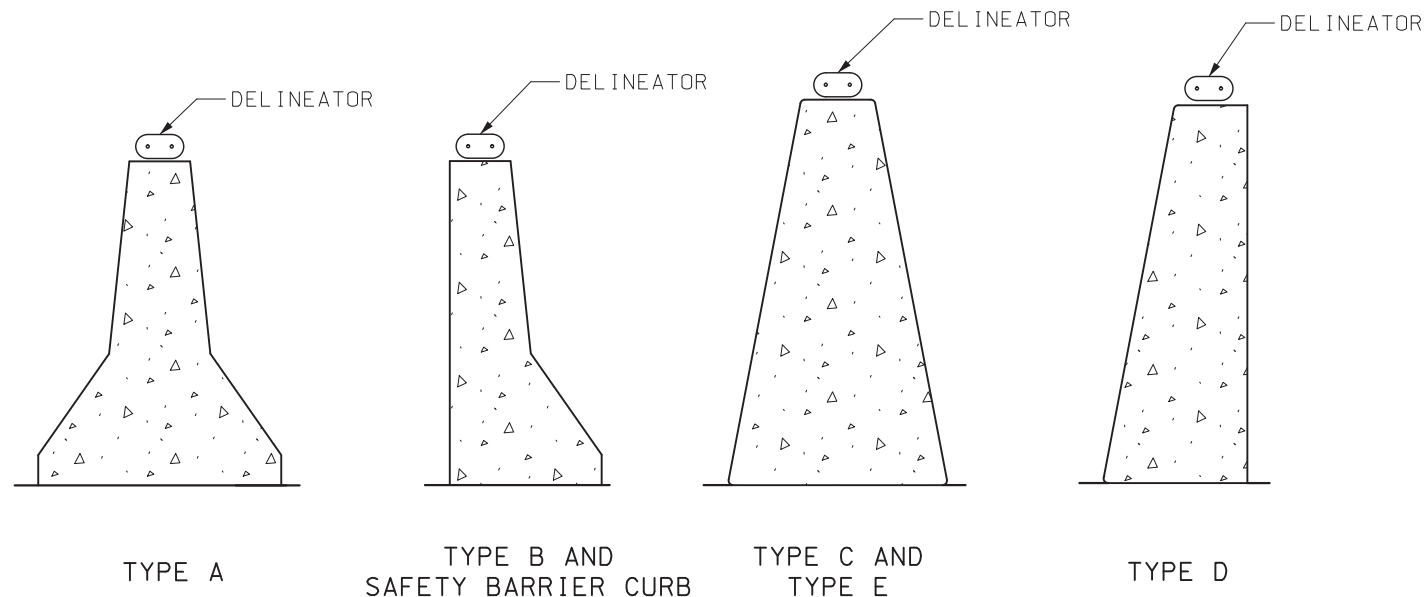


## DELINEATORS

DATE EFFECTIVE: 7/1/2025  
DATE PREPARED: 3/11/2025

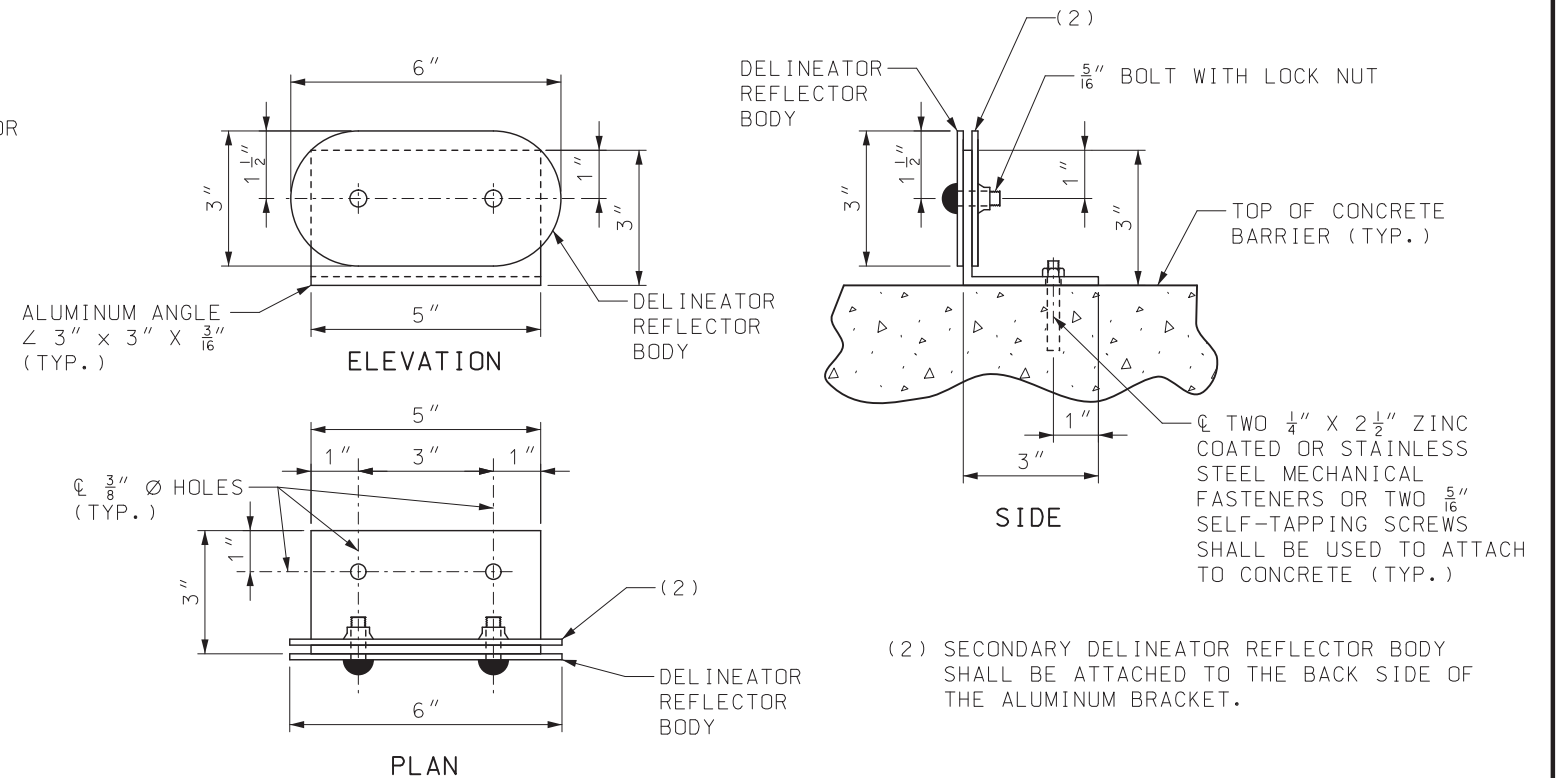
903.00

SHEET NO.  
1 OF 5

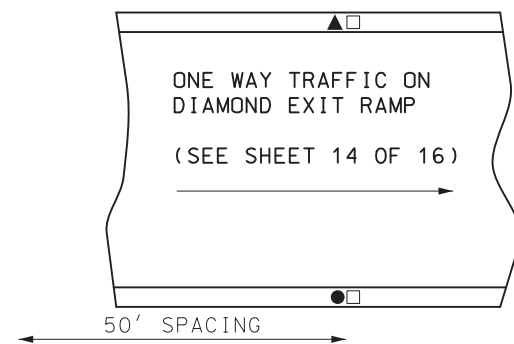
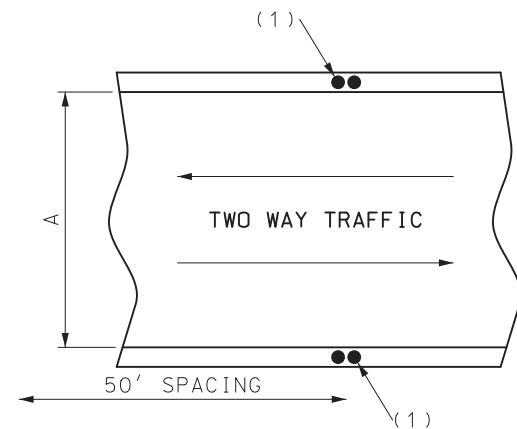


### DELINEATORS ON CONCRETE TRAFFIC BARRIER

FOR CONCRETE BARRIER DETAILS,  
SEE STD PLANS 617.10 OR BRIDGE PLANS.

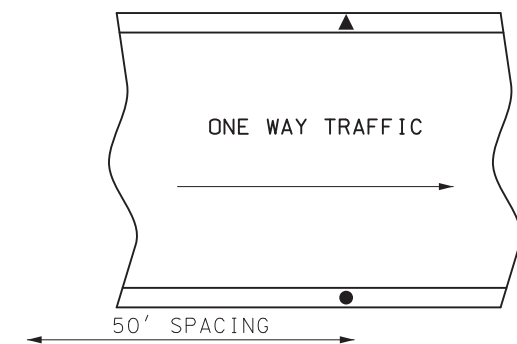


### DELINEATOR CONNECTION ON CONCRETE TRAFFIC BARRIER DETAIL



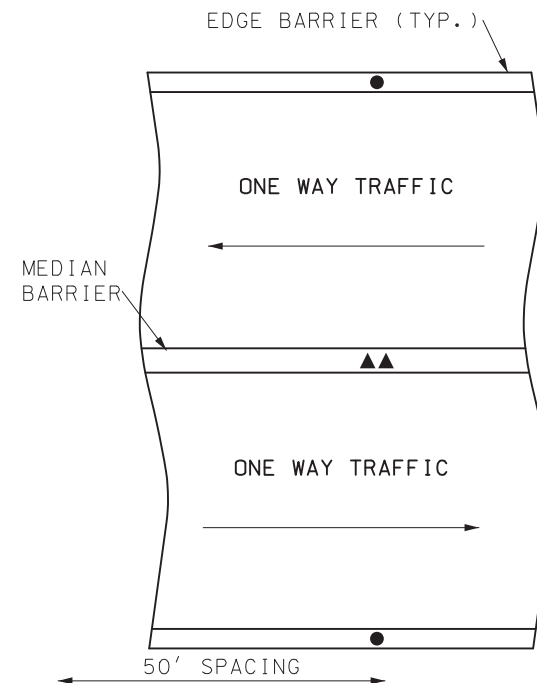
#### LEGEND

- WHITE DELINEATOR
- ▲ YELLOW DELINEATOR
- RED DELINEATOR



(1) SECONDARY DELINEATOR ON BACK SIDE NOT REQUIRED IF ROADWAY "A" HAS MORE THAN 2 LANES

### ROADWAY OR BRIDGE CONCRETE TRAFFIC BARRIER DELINEATION



#### NOTES:

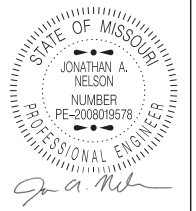
RETROREFLECTIVE YELLOW, WHITE OR RED SHEETING IN ACCORDANCE WITH SEC 1042.2.7.5 SHALL BE APPLIED TO ONLY ONE SIDE OF THE DELINEATOR REFLECTOR BODY.

THE COLOR OF THE SHEETING SHALL CORRESPOND TO THE CLOSEST ADJACENT PAVEMENT MARKING.



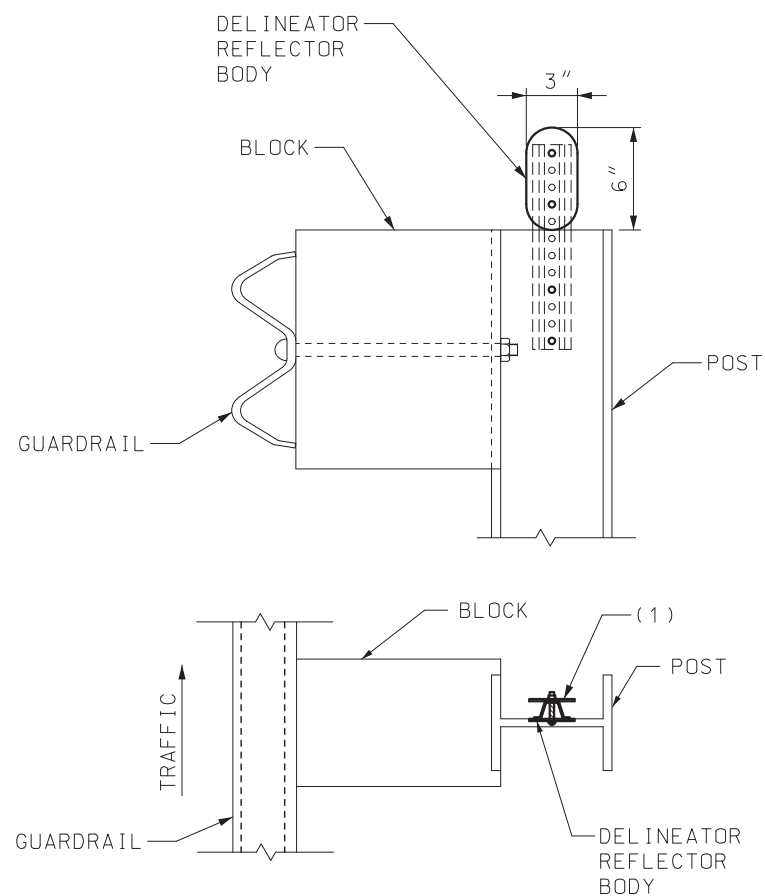
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**DEL INEATORS  
CONCRETE BARRIER**

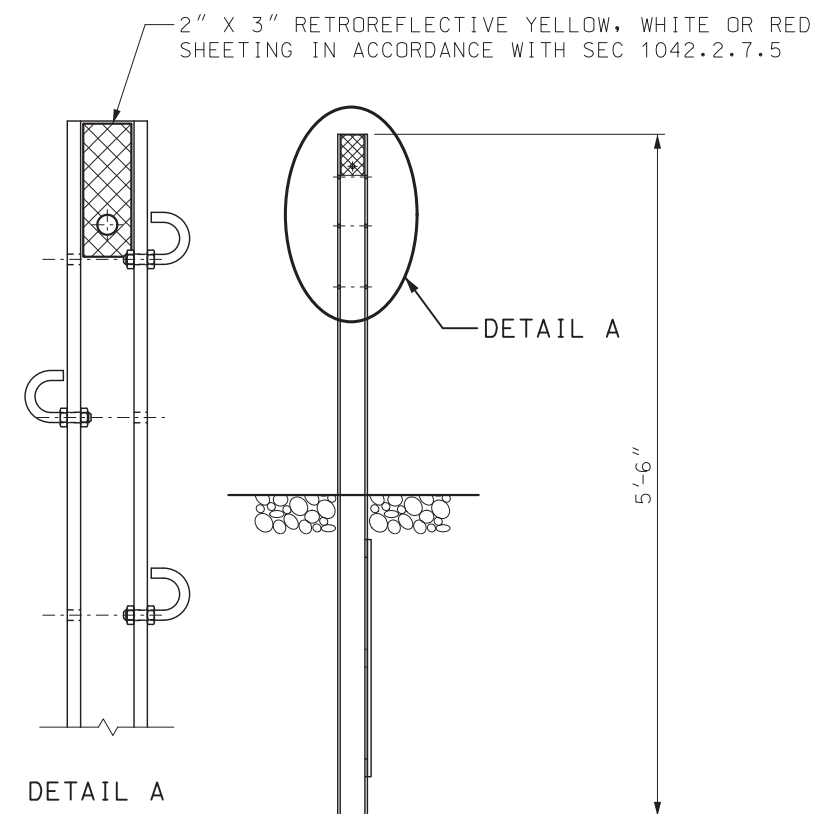
|                 |           |        |                     |
|-----------------|-----------|--------|---------------------|
| DATE EFFECTIVE: | 7/1/2025  | 903.00 | SHEET NO.<br>2 OF 5 |
| DATE PREPARED:  | 3/11/2025 |        |                     |



### DELINEATORS ON GUARDRAIL

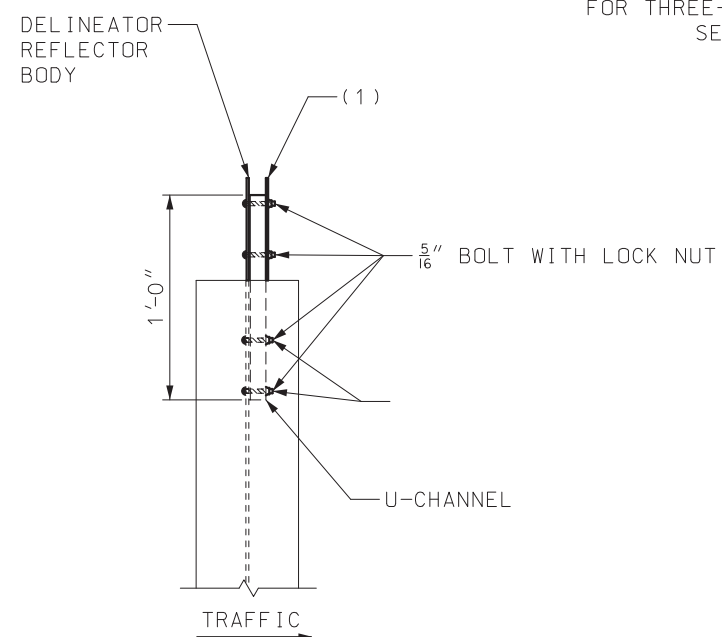
FOR GUARDRAIL DETAILS, SEE STD PLANS 606.00 AND 606.50.

(1) A SECONDARY DELINEATOR WITH RED SHEETING SHALL BE ATTACHED TO THE BACK SIDE OF THE CHANNEL WHEN THE DELINEATION IS PLACED ALONG AN INTERCHANGE RAMP AND COULD BE VIEWED BY WRONG WAY TRAFFIC.



### DELINEATORS ON THREE-STRAND MEDIAN GUARD CABLE

FOR THREE-STRAND GUARD CABLE DETAILS SEE STD PLANS 606.41.



#### NOTES:

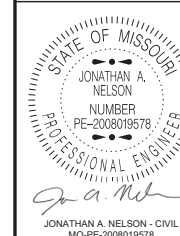
RETROREFLECTIVE YELLOW, WHITE OR RED SHEETING IN ACCORDANCE WITH SEC 1042.2.7.5 SHALL BE APPLIED TO ONLY ONE SIDE OF THE DELINEATOR REFLECTOR BODY.

THE COLOR OF THE SHEETING SHALL CORRESPOND TO THE CLOSEST ADJACENT PAVEMENT MARKING.



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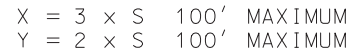


DATE EFFECTIVE: 7/1/2025  
DATE PREPARED: 3/11/2025

### DELINEATORS GUARDRAIL AND GUARDCABLE

903.00

SHEET NO.  
3 OF 5



| DELINEATOR SPACING ON HORIZONTAL CURVES |                               |                                             |     |     |
|-----------------------------------------|-------------------------------|---------------------------------------------|-----|-----|
| RADIUS<br>OF CURVE<br>(FEET)            | SPACING<br>ON CURVE<br>(FEET) | SPACING IN ADVANCE<br>& BEYOND CURVE (FEET) |     |     |
|                                         |                               | 1ST                                         | 2ND | 3RD |
| 50                                      | 20                            | 40                                          | 65  | 100 |
| 150                                     | 30                            | 60                                          | 90  | 100 |
| 200                                     | 35                            | 70                                          | 100 | 100 |
| 250                                     | 40                            | 85                                          | 100 | 100 |
| 300                                     | 50                            | 95                                          | 100 | 100 |
| 400                                     | 55                            | 100                                         | 100 | 100 |
| 500                                     | 65                            | 100                                         | 100 | 100 |
| 600                                     | 70                            | 100                                         | 100 | 100 |
| 700                                     | 75                            | 100                                         | 100 | 100 |
| 800                                     | 80                            | 100                                         | 100 | 100 |
| 900                                     | 85                            | 100                                         | 100 | 100 |
| 1000                                    | 90                            | 100                                         | 100 | 100 |

"S" SPACING ON CURVE =  $3\sqrt{R-50}$  OR MAY BE INTERPOLATED FROM TABLE.  
MINIMUM SPACING = 20 FEET.

SPACING OF FIRST DELINEATOR IN ADVANCE OF AND BEYOND CURVE =  $2 \times S$ ,  
THE SECOND =  $3 \times S$ , AND THE THIRD =  $6 \times S$ , BUT NOT TO EXCEED 100  
FEET. MAXIMUM SPACING = 100 FEET.

DELINEATORS SHALL BE INSTALLED FACING APPROACHING TRAFFIC. YELLOW DELINEATORS SHOULD BEGIN EVEN WITH THE GORE EXIT SIGN AND END 60 FEET FROM THE GORE POINT. WHITE DELINEATORS SHOULD EXTEND BEYOND THE FIRST YELLOW DELINEATOR. RED DELINEATORS SHOULD BE PLACED ON THE BACK SIDE OF EITHER THE WHITE OR YELLOW DELINEATOR POSTS WHEN APPLICABLE. RED DELINEATORS ARE TYPICALLY INSTALLED WHERE VEHICLES MAY ACCIDENTALLY TRAVEL DOWN THE RAMP BACKWARDS AND MOUNTED FACING AWAY FROM NORMAL TRAFFIC FLOW.

CHANNEL POST DELINEATORS SHALL BE OMITTED ON SECTIONS WHERE GUARD-RAIL IS PRESENT. THESE PORTIONS SHALL BE DELINEATED UTILIZING THE GUARDRAIL DELINEATORS. IN AREAS WHERE RED DELINEATORS ARE INDICATED, RED RETROREFLECTIVE SHEETING WILL BE PLACED ON THE BACK SIDE OF THE GUARDRAIL DELINEATOR.

RETROREFLECTIVE SHEETING SHALL BE IN ACCORDANCE WITH SEC 1042.2.7.5.

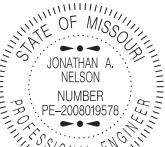
- LEGEND
- WHITE DELINEATOR
  - ▲ YELLOW DELINEATOR
  - WHITE DOUBLE STACKED DELINEATOR
  - RED DELINEATOR

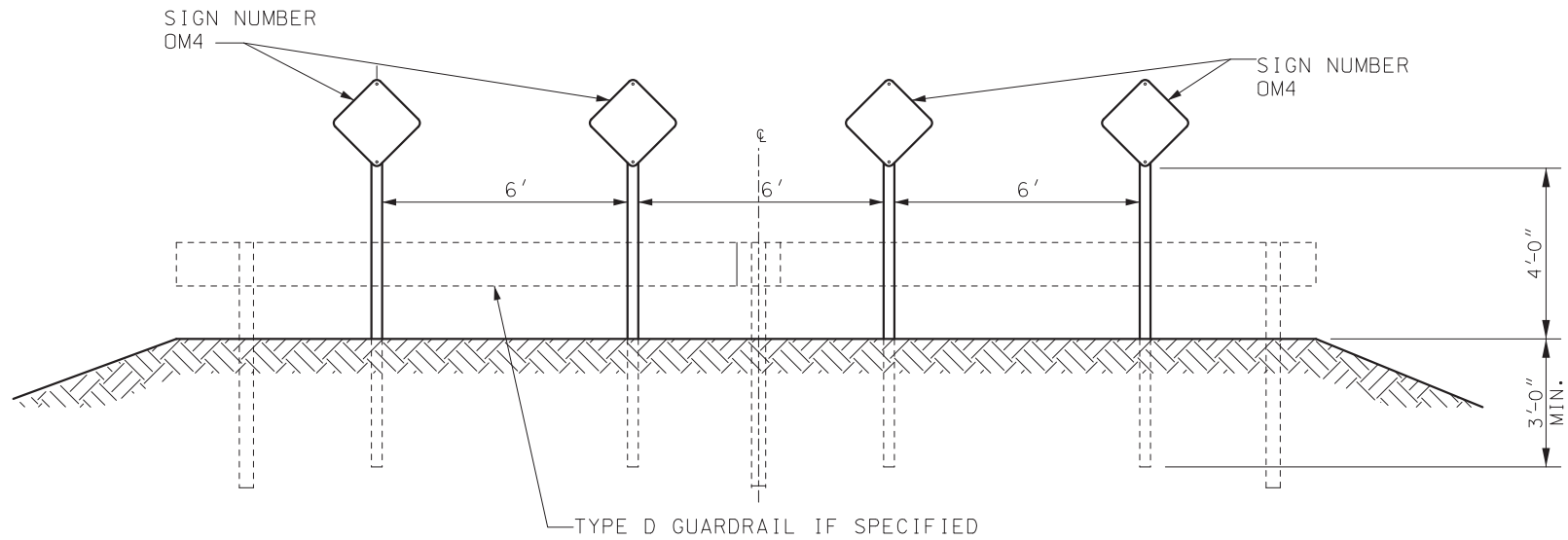


NOTES:

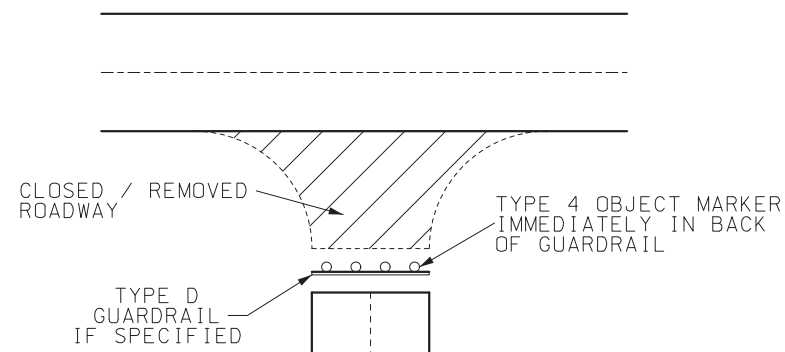
THE CONTRACT UNIT PRICE FOR EACH CHANNEL POST  
DELINEATOR SHALL INCLUDE THE REFLECTOR, FASTENERS  
AND POST.

- (1) USE YELLOW DOUBLE STACKED DELINEATORS FOR LEFT HAND ACCEL/DECEL LANES.
- (2) DELETE IF EMERGENCY REFERENCE MARKERS ARE USED.
- (3) EXTENT OF DELINEATION ON ROUTES WITH EMERGENCY REFERENCE MARKERS.
- (4) ON ROUTES WITHOUT EMERGENCY REFERENCE MARKERS DELINEATORS SHALL BE INSTALLED BETWEEN INTERCHANGES EVERY 528'.

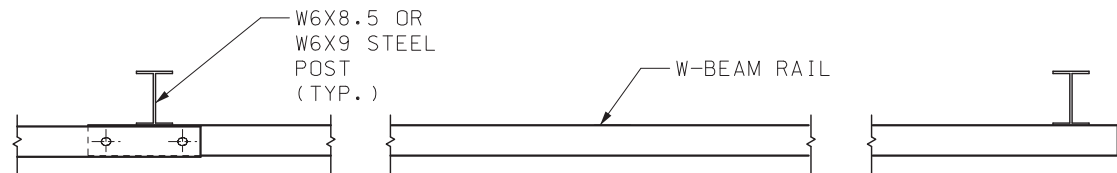
|                                                                                                                                         |                                             |                                                                                                                                            |                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
|                                                    |                                             | <b>MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION</b><br>105 WEST CAPITOL<br>JEFFERSON CITY, MO 65102<br>1-888-ASK-MODOT (1-888-275-6636) |                                                          |
| <br>JONATHAN A. NELSON - CIVIL<br>MO-PE-2008019578 |                                             | <h1 style="text-align: center;">DEL INEATORS<br/>INTERCHANGE</h1>                                                                          |                                                          |
| DATE EFFECTIVE: <u>7/1/2025</u><br>DATE PREPARED: <u>3/11/2025</u>                                                                      | <h2 style="text-align: center;">903.00</h2> |                                                                                                                                            | SHEET NO.<br><h2 style="text-align: center;">4 OF 5</h2> |



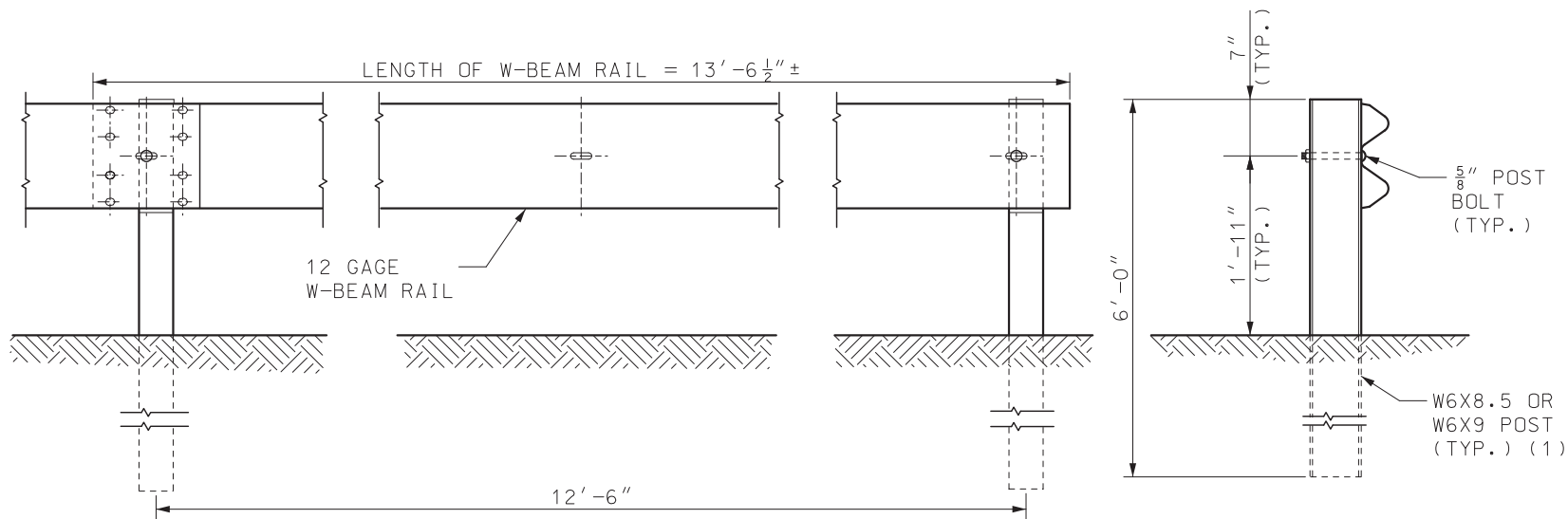
TYPE 4 OBJECT MARKER INSTALLATION



TYPICAL ROAD CLOSURE



PLAN

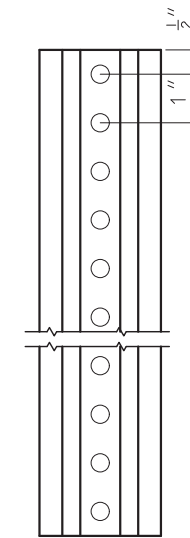


ELEVATION

STEEL POST

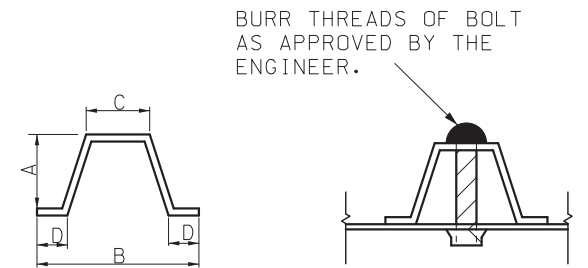
TYPE D GUARDRAIL

(1) THE CONTRACTOR MAY FURNISH EQUIVALENT SECTIONS FABRICATED FROM MATERIAL MEETING AND IN ACCORDANCE WITH SEC 1040.



| STEEL OBJECT MARKER POST |               |                               |                               |                               |                             |
|--------------------------|---------------|-------------------------------|-------------------------------|-------------------------------|-----------------------------|
| LIMITS                   | LBS/FT<br>(2) | DIMENSIONS - INCHES           |                               |                               |                             |
|                          |               | A                             | B                             | C                             | D                           |
| MIN.                     | 2.40          | 1 <sup>1</sup> / <sub>4</sub> | 2 <sup>1</sup> / <sub>2</sub> | 1                             | <sup>1</sup> / <sub>2</sub> |
| MAX.                     | 2.80          | 1 <sup>5</sup> / <sub>8</sub> | 3 <sup>1</sup> / <sub>4</sub> | 1 <sup>3</sup> / <sub>8</sub> | <sup>3</sup> / <sub>4</sub> |

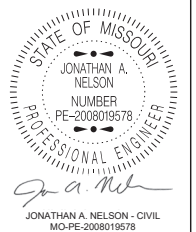
(2) WEIGHT BEFORE GALVANIZING OR PUNCHING. LIMITS SHOWN ARE ABSOLUTE. NO FURTHER WEIGHT, DIMENSIONAL OR COMMERCIAL TOLERANCE WILL BE ACCEPTABLE.



OBJECT MARKER POST AND FASTENER DETAILS

NOTES:

TYPE D GUARDRAIL IS ACCESS RESTRAINT AND VISUAL TARGET VALUE ONLY. IT HAS NO REDIRECTIVE CAPABILITY.

|                                                                                                                                                                                                                                               |                                                                 |                                                                          |                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------|
|  <p><b>MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION</b></p> <p>105 WEST CAPITOL<br/>JEFFERSON CITY, MO 65102<br/>1-888-ASK-MODOT (1-888-275-6636)</p> |                                                                 | <p><b>DEL INEATORS</b></p> <p><b>OBJECT MARKERS FOR ROAD CLOSURE</b></p> |                             |
|  <p>JONATHAN A. NELSON - CIVIL<br/>MO-PE-2008019578</p>                                                                                                  | <p>DATE EFFECTIVE: 7/1/2025</p> <p>DATE PREPARED: 3/11/2025</p> | <p>903.00</p>                                                            | <p>SHEET NO.<br/>5 OF 5</p> |