CONTINUOUS LINES

EDGE LINE
YELLOW OR WHITE
4'/6" 

LANE LINE
WHITE
4'/6" 

CENTER LINE
YELLOW
4'/6" 

GORE LINE
WHITE
8'/12" 

DIAGONAL LINE
YELLOW OR WHITE
12" 45 MPH OR HIGHER
8" LESS THAN 45 MPH 

CROSSWALK LINE
WHITE
8" TRANSVERSE
24" LONGITUDINAL 

RxR LINE
WHITE
16" 

STOP OR TRANSVERSE BAR
WHITE
24" 

10'-30'/SP SKIP LINE
UNLESS OTHERWISE SHOWN, USE 10'-30'/SP SKIPS FOR SKIP LANE LINES AND SKIP CENTER LINES.

10'
30'
4'/6" 

YELLOW OR WHITE 

2'-6'/SP MINI-SKIP LINE
UNLESS OTHERWISE SHOWN, USE 2'-6'/SP MINI-SKIPS FOR LANE LINE EXTENSIONS THROUGH INTERSECTIONS, EDGE LINE EXTENSIONS THROUGH INTERSECTIONS AND MINI-SKIPS USED FOR BICYCLE LANE LINES.

2'
6'
4'/6" 

YELLOW OR WHITE 

3'-3'/SP MINI-SKIP LINE
UNLESS OTHERWISE SHOWN, USE 3'-3'/SP MINI-SKIPS FOR THE WHITE EDGE LINE EXTENSIONS AT ROUNDABOUTS.

3'
3'
12'

WHITE 

3'-9'/SP MINI-SKIP LINE
UNLESS OTHERWISE SHOWN, USE 3'-9'/SP MINI-SKIPS FOR MINI-SKIP LANE LINES AND LINE EXTENSIONS THROUGH TAPERS.

3'
9'
4'/6" 

WHITE 

GENERAL NOTES:
1- USE 6" LANE, EDGE, AND CENTER LINES ON ALL FULL CONTROL OF ACCESS FACILITIES AND OTHER ROUTES AS DIRECTED BY THE ENGINEER.
2- LANE LINES INDICATED AS "WIDE" ON THE ROADWAY STANDARD DRAWINGS SHALL BE AT LEAST TWICE THE WIDTH OF THE NORMAL LINE.
3- GORE LINES SHALL BE TWICE THE WIDTH OF THE NORMAL LINE.
**TABLE 1**

<table>
<thead>
<tr>
<th>WIDTH (W) OF TRAVEL PAVEMENT</th>
<th>MAX. EDGE LINE OFFSET FROM E.O.T.</th>
<th>MINIMUM LANE WIDTH (W)</th>
</tr>
</thead>
<tbody>
<tr>
<td>18' - 19'</td>
<td>2''</td>
<td>8'' - 9''</td>
</tr>
<tr>
<td>19'</td>
<td>4''</td>
<td>9''</td>
</tr>
<tr>
<td>20'</td>
<td>6''</td>
<td>9.5''</td>
</tr>
<tr>
<td>21'</td>
<td>8''</td>
<td>10'</td>
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<td>2''</td>
<td>13'</td>
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<tr>
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<td>2.5''</td>
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<td>3''</td>
<td>16'</td>
</tr>
<tr>
<td>32'</td>
<td>4''</td>
<td>17'</td>
</tr>
</tbody>
</table>

**LEGEND**

- W = WIDTH OF TRAVEL LANE
- E.O.T. = EDGE OF TRAVEL
- • DIRECTION OF
- • TRAFFIC FLOW

---

**EDGE LINE OFFSET DETAIL**
- WHITE OR YELLOW EDGE LINE

**CENTER LINE OFFSET DETAIL**
- YELLOW CENTER LINE

**LANE LINE OFFSET DETAIL**
- WHITE LANE LINE

**NOTES:**
- 2'' TOWARDS LEFT SIDE OF TRAVELWAY
- 2'' MAX., REFER ALSO TO TABLE 1
TWO-LANE, TWO-WAY ROADWAY

GENERAL NOTES:

1. EDGE LINES ARE NOT REQUIRED ALONG CURB AND GUTTER LOCATIONS.

2. CONTINUE EDGE LINES THROUGH MINOR DRIVEWAYS. DO NOT CONTINUE EDGE LINES AT INTERSECTIONS AND MAJOR DRIVEWAYS, SEE ROADWAY STANDARD DRAWING 1205.05 FOR ADDITIONAL GUIDANCE.

3. REFER TO ROADWAY STANDARD DRAWINGS 1205.01 AND 1205.08 FOR ADDITIONAL PAVEMENT MARKING GUIDANCE.

LEGEND

- WIDTH OF TRAVEL LANE
- EDGE OF TRAVEL
- DIRECTION OF TRAFFIC FLOW
- PAVEMENT MARKING SYMBOLS
**GENERAL NOTES:**

1. EDGE LINES ARE NOT REQUIRED ALONG CURB AND GUTTER LOCATIONS.
2. CONTINUE EDGE LINES THROUGH MINOR DRIVEWAYS. DO NOT CONTINUE EDGE LINES AT INTERSECTIONS AND MAJOR DRIVEWAYS, SEE ROADWAY STANDARD DRAWING 1205.05 FOR ADDITIONAL GUIDANCE.
3. REFER TO ROADWAY STANDARD DRAWINGS 1205.01 AND 1205.08 FOR ADDITIONAL PAVEMENT MARKING GUIDANCE.

**LEGEND**

- **W** = WIDTH OF TRAVEL LANE
- E.O.T. = EDGE OF TRAVEL
- **DIRECTION**
- **TRAFFIC FLOW**
- **PAVEMENT MARKING SYMBOLS**
GENERAL NOTES:

1- USE THE SAME LINE WIDTH ON ENTRANCE AND EXIT RAMPS.
2- GORE LINE MARKINGS TERMINATE AT THE PHYSICAL GORE.
3- GORE LINES SHALL BE TWICE THE WIDTH OF THE NORMAL LINE.
4- REFER TO ROADWAY STANDARD DRAWING 1205.01 FOR ADDITIONAL PAVEMENT MARKING GUIDANCE.

LEGEND

- W = WIDTH OF TRAVEL LANE
- E.O.T. = EDGE OF TRAVEL
- DIRECTION OF
- TRAFFIC FLOW
GENERAL NOTES:

1. USE THE SAME LINE WIDTH ON ENTRANCE AND EXIT RAMPS.
2. GORE LINE MARKINGS TERMINATE AT THE PHYSICAL GORE.
3. LANE LINES INDICATED AS "WIDE" SHALL BE AT LEAST TWICE THE WIDTH OF THE NORMAL LINE.
4. GORE LINES SHALL BE TWICE THE WIDTH OF THE NORMAL LINE.
5. REFER TO ROADWAY STANDARD DRAWING 1205.01 FOR ADDITIONAL PAVEMENT MARKING GUIDANCE.

LEGEND

W = WIDTH OF TRAVEL LANE
E.O.T. = EDGE OF TRAVEL
• DIRECTION OF TRAFFIC FLOW

PAVEMENT MARKINGS
EXIT AND ENTRANCE RAMPS
GENERAL NOTES:
1. USE THE SAME LINE WIDTH ON ENTRANCE AND EXIT RAMPS.
2. GORE LINE MARKINGS TERMINATE AT THE PHYSICAL GORE.
3. LANE LINES INDICATED AS "WIDE" SHALL BE AT LEAST TWICE THE WIDTH OF THE NORMAL LINE.
4. GORE LINES SHALL BE TWICE THE WIDTH OF THE NORMAL LINE.
5. REFER TO ROADWAY STANDARD DRAWINGS 1205.01 AND 1205.08 FOR ADDITIONAL PAVEMENT MARKING GUIDANCE.

LEGEND

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>W</td>
<td>WIDTH OF TRAVEL LANE</td>
</tr>
<tr>
<td>E.O.T.</td>
<td>EDGE OF TRAVEL</td>
</tr>
<tr>
<td>°</td>
<td>DIRECTION OF TRAFFIC</td>
</tr>
<tr>
<td>-</td>
<td>TRAFFIC FLOW</td>
</tr>
<tr>
<td></td>
<td>PAVEMENT MARKING SYMBOLS</td>
</tr>
</tbody>
</table>
GENERAL NOTES:

1. REFER TO THE PAVEMENT MARKING PLAN FOR STOP BAR LOCATIONS FOR SIGNALIZED INTERSECTIONS. IF A PAVEMENT MARKING PLAN IS NOT PROVIDED, CONTACT THE SIGNAL DESIGN SECTION FOR THE STOP BAR LOCATIONS OR AS DIRECTED BY THE ENGINEER.

2. MINI-SKIP LANE LINE EXTENSIONS SHOULD BE USED AT INTERSECTIONS THAT HAVE REDUCED VISIBILITY CONDITIONS SUCH AS OFFSET, SKEMED, OR CURVED ROADWAYS.

3. MINI-SKIP LANE LINE EXTENSIONS SHALL BE USED WHERE MULTIPLE TURN LANES ARE USED.

4. REFER TO ROADWAY STANDARD DRAWINGS 1205.01, 1205.02, 1205.05, 1205.06 AND 1205.09 FOR ADDITIONAL PAVEMENT MARKING GUIDANCE.

LEGEND

- DIRECTION OF
- TRAFFIC FLOW
- PAVEMENT MARKING SYMBOLS
- OPTIONAL
ENGLISH STANDARD DRAWING FOR
PAVEMENT MARKINGS
INTERSECTIONS

TWO-LANE, TWO-WAY ROADWAY

*STOP BAR, SEE NOTE 1
*WHITE 2'-6'/SP MINI-SKIP LINE, SEE NOTE 3

10' TYP.

UNDIVIDED MULTI-LANE ROADWAY

*STOP BAR, SEE NOTE 1
*WHITE 2'-6'/SP MINI-SKIP LINE, SEE NOTE 3

150' 60'
10' TYP.

*WHITE 2'-6'/SP MINI-SKIP LINES, SEE NOTE 2

DIVIDED MULTI-LANE ROADWAY

*STOP BAR, SEE NOTE 1
*WHITE 2'-6'/SP MINI-SKIP LINE, SEE NOTE 3

150' 60'
10' TYP.

DIVIDED MULTI-LANE ROADWAY WITH WIDE MEDIAN CROSSOVER

*STOP BAR, SEE NOTE 1
*WHITE 2'-6'/SP MINI-SKIP LINE, SEE NOTE 3

150' 60'
>30' REF.

YELLOW 2'-6'/SP MINI-SKIP LINES

MEDIAN

CONTINUE EDGE LINE AROUND MEDIAN

USE DOUBLE YELLOW CENTER LINE AND ARROW SYMBOLS IN MEDIAN CROSSOVER WHEN WIDTH OF MEDIAN EXCEEDS 30 FT, OTHERWISE THEY ARE NOT REQUIRED.

DIVIDED MULTI-LANE ROADWAY WITH TURN BAY

*STOP BAR, SEE NOTE 1
*WHITE 2'-6'/SP MINI-SKIP LINE, SEE NOTE 3

10' TYP.

MONOLITHIC ISLANDS MAY BE OUTLINED WITH EDGE LINES

150' 60'
10' TYP.

CONTINUE EDGE LINE AROUND MEDIAN

WHITE 2'-6'/SP MINI-SKIP LINE

REFER TO STD. 1205.05 FOR TURN LANE MARKING GUIDANCE

GENERAL NOTES:

1- PLACEMENT OF STOP BARS AT NON-SIGNALIZED INTERSECTIONS IS OPTIONAL AND USED WHERE IT IS IMPORTANT TO INDICATE THE POINT WHICH VEHICLES ARE REQUIRED TO STOP. PLACE STOP BARS NO LESS THAN 4 FEET AND NO MORE THAN 30 FEET FROM THE NEAREST EDGE OF THE INTERSECTING ROADWAY. USE 10 FEET AS THE TYPICAL SETBACK DISTANCE OR AS DIRECTED BY THE ENGINEER.

2- MINI-SKIP LANE LINE EXTENSIONS SHOULD BE USED AT INTERSECTIONS THAT HAVE REDUCED VISIBILITY CONDITIONS SUCH AS OFFSET, SKEMED, OR CURVED ROADWAYS.

3- MINI-SKIP EDGE LINE EXTENSIONS MAY BE PLACED THROUGH INTERSECTIONS AND MAJOR DRIVEWAYS.

4- REFER TO ROADWAY STANDARD DRAWINGS 1205.01, 1205.02, 1205.05, 1205.08 AND 1205.09 FOR ADDITIONAL PAVEMENT MARKING GUIDANCE.

LEGEND

STOP SIGN • DIGESTARY SIGN

TRAFFIC FLOW → PAVEMENT MARKING SYMBOLS

OPTIONAL
GENERAL NOTES:

1. Use the guidance shown above in conjunction with the intersection guidance shown on roadway standard drawing 1205.04.

2. The number of arrows shown is the minimum required. Use additional arrows as directed by the engineer.

LEGEND

- PAVEMENT MARKING SYMBOL
THRU-LANE DROP AT AN INTERSECTION

1 MILE OR LESS

MORE THAN 1 MILE

USE ENGINEERING JUDGEMENT TO DETERMINE LANE DROP LENGTH. THE LANE DROP SHOULD BEGIN NO CLOSER TO THE INTERSECTION THAN THE MOST UPSTREAM REGULATORY OR WARNING SIGN ASSOCIATED WITH THE LANE DROP.

10' TYP.

55 MPH = 150'

40-50 MPH = 200'

45 MPH = 450'

60'

75'

75'

10' TYP.

GENERAL NOTES:
1. USE THE GUIDANCE SHOWN ON THE ABOVE DETAIL IN CONJUNCTION WITH INTERSECTION GUIDANCE SHOWN ON ROADWAY STANDARD DRAWING 1205.04.
2. LANE LINES INDICATED AS "WIDE" SHALL BE AT LEAST TWICE THE WIDTH OF THE NORMAL LINE.

LEGEND

W = WIDTH OF TRAVEL LANE

DIRECTION OF TRAFFIC FLOW

PAVEMENT MARKING SYMBOLS & CHARACTERS
1. Use the guidance shown on the following details in conjunction with the exit ramp guidance shown on roadway standard drawing 1205.03.

2. Lane lines indicated as "Wide" shall be at least twice the width of the normal line.

3. Gore lines shall be twice the width of the normal line.
GENERAL NOTES:
1- USE THE GUIDANCE SHOWN ON THE FOLLOWING DETAILS IN CONJUNCTION WITH THE EXIT RAMP GUIDANCE SHOWN ON ROADWAY STANDARD DRAWING 1205.03.
2- LANE LINES INDICATED AS "WIDE" SHALL BE AT LEAST TWICE THE WIDTH OF THE NORMAL LINE.
3- GORE LINES SHALL BE TWICE THE WIDTH OF THE NORMAL LINE.

LEGEND
- WIDTH OF TRAVEL LANE
- DIRECTION OF TRAFFIC FLOW
- PAVEMENT MARKING SYMBOLS & CHARACTERS
1. The minimum width of standard crosswalks is 6 feet. The minimum width of Hi-visibility crosswalks is 10 feet.

2. Set back distance from inside crosswalk marking to nearest edge of travel is 4' min.

3. Beyond the curb face, a clear space of 4' x 4' feet minimum shall be provided within the width of the crosswalk.

4. Place stop bars a minimum of 4 feet from nearest crosswalk line. Stop bars at signalized intersections should be coordinated with the signal design section or as directed by the engineer.

5. Curb ramps shall be constructed in accordance to the latest NCDOT roadway standard drawings.
GENERAL NOTES:

1. USE THE COLOR WHITE FOR ALL PAVEMENT MARKING SYMBOLS.

2. DO NOT LOCATE PAVEMENT MARKING SYMBOLS AS TO ENCROACH INTO INTERSECTION AREAS.

3. DO NOT PLACE PAVEMENT MARKING SYMBOLS ACROSS TRANSVERSE EXPANSION JOINTS ON PORTLAND CEMENT CONCRETE PAVEMENTS, UNLESS APPROVED BY THE ENGINEER.

4. CONFORM ALL SYMBOLS TO THE FHWA "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS". REFER TO SHEETS 5 THRU 8. SYMBOL DIMENSIONS CAN VARY AMONG MANUFACTURERS, THEREFORE SLIGHT VARIANCES ARE ACCEPTABLE. HOWEVER, ALL SYMBOLS ARE REQUIRED TO BE APPROVED BY THE DEPARTMENT.
GENERAL NOTES:

1. USE THE COLOR WHITE FOR ALL PAVEMENT MARKING SYMBOLS.
2. DO NOT LOCATE PAVEMENT MARKING SYMBOLS AS TO ENCROACH INTO INTERSECTION AREAS.
3. DO NOT PLACE PAVEMENT MARKING SYMBOLS ACROSS TRANSVERSE EXPANSION JOINTS ON PORTLAND CEMENT CONCRETE PAVEMENTS, UNLESS APPROVED BY THE ENGINEER.
4. CONFORM ALL SYMBOLS TO THE FHWA "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS" (REFER TO SHEETS 5 THRU 8). SYMBOL DIMENSIONS CAN VARY AMONG MANUFACTURERS, THEREFORE SLIGHT VARIANCES ARE ACCEPTABLE, HOWEVER, ALL SYMBOLS ARE REQUIRED TO BE APPROVED BY THE DEPARTMENT.
MULTI-LANE WIDTH "SCHOOL"

24" WHITE TRANSVERSE BAND

14'-2" MIN. TO 22'-6" MAX.
CENTER TEXT IN LANES

LETTER HEIGHT = 10' MIN.
LETTER WIDTH = 20"
SPACING = 10" MIN./30" MAX. (USE EQUAL SPACING BETWEEN LETTERS)

NOTE: THE TWO-LANE PAVEMENT MARKING DIMENSIONS OF "SCHOOL" SHOWN IN PART 7 OF THE MUTCD MAY ALSO BE USED.

SINGLE LANE WIDTH "SCHOOL"

24" WHITE TRANSVERSE BAND

14'-2" MIN. TO 22'-6" MAX.
CENTER TEXT IN LANE

LETTER HEIGHT = 8'-4"
LETTER WIDTH = 16"
SPACING = 4" MIN./8" MAX. (USE EQUAL SPACING BETWEEN LETTERS)

RAILROAD RXR SYMBOL

24" WHITE TRANSVERSE BAND

WIDTH OF "X"
GENERAL NOTES:

1. STANDARD CHARACTERS ARE 25 GRID UNITS HIGH AND 4 UNITS WIDE (EXCEPT LETTER "I" AND THE NUMBER "1" WHICH ARE 1 UNIT WIDE).

2. VERTICAL STROKES ARE 1 UNIT WIDE, HORIZONTAL STROKES ARE 4 UNITS HIGH.

3. SPACE 1 UNIT (MIN.) BETWEEN CHARACTERS OR AS OTHERWISE SHOWN (OPTICAL SPACING MAY BE USED).

4. STANDARD CHARACTER HEIGHTS ARE 8'-4". EXCEPT FOR THE 6' RAILROAD "R" SYMBOL AND THE TWO-LANE 10' SCHOOL SYMBOL.

5. FOR 8'-4" HIGH CHARACTERS, THE WIDTH IS 16" (USE 4" FOR EACH GRID SQUARE).

6. FOR 10' HIGH CHARACTERS, THE WIDTH IS 20" (USE 5" FOR EACH GRID SQUARE).

7. FOR 6' HIGH CHARACTERS, THE WIDTH IS 11½" (USE 2½" FOR EACH GRID SQUARE).
GENERAL NOTES:

1- STANDARD CHARACTERS ARE 25 GRID UNITS HIGH AND 4 UNITS WIDE (EXCEPT LETTER "I" AND THE NUMBER "1" WHICH ARE 1 UNIT WIDE).

2- VERTICAL STROKES ARE 1 UNIT WIDE, HORIZONTAL STROKES ARE 4 UNITS HIGH.

3- SPACE 1 UNIT (MIN.) BETWEEN CHARACTERS OR AS OTHERWISE SHOWN (OPTICAL SPACING MAY BE USED).

4- STANDARD CHARACTER HEIGHTS ARE 8'-4". EXCEPT FOR THE 6' RAILROAD ‘R’ SYMBOL AND THE TWO-LANE 10' SCHOOL SYMBOL.

5- FOR 8'-4" HIGH CHARACTERS, THE WIDTH IS 16" (USE 4" FOR EACH GRID SQUARE).

6- FOR 10' HIGH CHARACTERS, THE WIDTH IS 20" (USE 5" FOR EACH GRID SQUARE).

7- FOR 6' HIGH CHARACTERS, THE WIDTH IS 11 1/2" (USE 2 7/8" FOR EACH GRID SQUARE).
GENERAL NOTES:

1. STANDARD CHARACTERS ARE 25 GRID UNITS HIGH AND 4 UNITS WIDE (EXCEPT LETTER "I" AND THE NUMBER "1" WHICH ARE 1 UNIT WIDE).

2. VERTICAL STROKES ARE 1 UNIT WIDE, HORIZONTAL STROKES ARE 4 UNITS HIGH.

3. SPACE 1 UNIT (MIN.) BETWEEN CHARACTERS OR AS OTHERWISE SHOWN (OPTICAL SPACING MAY BE USED).

4. STANDARD CHARACTER HEIGHTS ARE 8'-4". EXCEPT FOR THE 6' RAILROAD "R" SYMBOL AND THE TWO-LANE 10' SCHOOL SYMBOL.

5. FOR 8'-4" HIGH CHARACTERS, THE WIDTH IS 16" (USE 4" FOR EACH GRID SQUARE).

6. FOR 10' HIGH CHARACTERS, THE WIDTH IS 20" (USE 5" FOR EACH GRID SQUARE).

7. FOR 6' HIGH CHARACTERS, THE WIDTH IS 11½" (USE 2½" FOR EACH GRID SQUARE).
GENERAL NOTES:

1. STANDARD CHARACTERS ARE 25 GRID UNITS HIGH AND 4 UNITS WIDE (EXCEPT LETTER "I" AND THE NUMBER "1" WHICH ARE 1 UNIT WIDE).

2. VERTICAL STROKES ARE 1 UNIT WIDE, HORIZONTAL STROKES ARE 4 UNITS HIGH.

3. SPACE 1 UNIT (MIN.) BETWEEN CHARACTERS OR AS OTHERWISE SHOWN (OPTICAL SPACING MAY BE USED).

4. STANDARD CHARACTER HEIGHTS ARE 8'-4". EXCEPT FOR THE 6' RAILROAD 'R' SYMBOL AND THE TWO-LANE 10' SCHOOL SYMBOL.

5. FOR 8'-4" HIGH CHARACTERS, THE WIDTH IS 16" (USE 4" FOR EACH GRID SQUARE).

6. FOR 10' HIGH CHARACTERS, THE WIDTH IS 20" (USE 5" FOR EACH GRID SQUARE).

7. FOR 6' HIGH CHARACTERS, THE WIDTH IS 11½" (USE 2½" FOR EACH GRID SQUARE).
**GENERAL NOTES:**

1. "D" = SPACING OF DIAGONAL LINES (TYPICALLY EQUAL IN FEET TO THE POSTED SPEED LIMIT).

2. INCREASE SPACING OF DIAGONALS TO 200' OR MORE ON INTERSTATE ROADWAYS.

3. ADJUST SPACING OF DIAGONALS DEPENDING ON THE LENGTH OF THE ISLAND. SPACING MAY BE ADJUSTED AS DETERMINED BY THE ENGINEER.
GENERAL NOTES:
1- SINGLE LANE WIDTH "SCHOOL" WORD MESSAGES CAN BE USED IN EACH APPROACH LANE.
2- EXTEND 24" WHITE TRANSVERSE LINES ACROSS ALL APPROACH LANES TO THE SCHOOL AREA. EXTEND 24" WHITE TRANSVERSE LINES ACROSS ENTIRE ROAD WHEN TWO-LANE WIDTH MESSAGES ARE USED ON TWO-LANE, TWO WAY ROADWAYS.
3- REFER TO ROADWAY STANDARD DRAWING 1205.08 FOR ADDITIONAL PAVEMENT MARKING GUIDANCE.
**ADVANCE PAVEMENT MARKINGS SHALL NOT BE REQUIRED WHEN THE POSTED OR STATUTORY HIGHWAY SPEED IS LESS THAN 40 MPH OR IN URBAN AREAS IF AN ENGINEERING STUDY INDICATES THAT OTHER Installed DEVICES PROVIDE SUITABLE Warning AND CONTROL. REFER TO PART 8 OF THE MUTCD FOR ADDITIONAL GUIDANCE.**

**THE PLACEMENT LOCATION IS DEPENDENT ON SITE CONDITIONS TO PROVIDE AN ADEQUATE ADVANCE WARNING FOR THE DRIVER. PLACEMENT MAY NEED TO BE ADJUSTED FOR A SIGN LEGIBILITY DISTANCE OF 250 FT.**

A PORTION OF THE "X" SYMBOL SHOULD BE DIRECTLY OPPOSITE THE ADVANCE RAILROAD WARNING SIGN (W10-1).

EXTEND YELLOW CENTER LINE AT LEAST 10 FT. PAST THE RAILROAD SYMBOL (OR LONGER AS REQUIRED TO MEET SIGHT DISTANCE REQUIREMENTS).

GENERAL NOTES:

1. IDENTICAL MARKINGS SHALL BE PLACED IN EACH APPROACH LANE ON ALL PAVED APPROACHES TO GRADE CROSSINGS WHERE SIGNALS OR AUTOMATIC GATES ARE LOCATED, AND AT ALL OTHER GRADE CROSSINGS WHERE THE POSTED OR STATUTORY HIGHWAY SPEED IS 40 MPH OR GREATER.

2. EXTEND "RXR" SYMBOL MARKINGS 6 INCHES FROM THE EDGE OF PAVEMENT TO 8 INCHES FROM THE CENTER LINE OF THE ROADWAY OR POSITION THE MARKINGS TO ACCOMMODATE FUTURE PLACEMENT OF EDGE LINE AND CENTER LINE PAVEMENT MARKINGS WHERE CENTER LINES OR EDGE LINES DO NOT EXIST.

3. POSITION ALL TRANSVERSE BANDS AND STOP BARS PERPENDICULAR TO THE CENTERLINE OF THE ROADWAY.

4. CENTER THE "RXR" SYMBOL ACROSS THE ENTIRE ROADWAY FOR ROADWAYS THAT ARE LESS THAN 16 FEET IN WIDTH.

5. EXTEND CENTER LINES BEYOND THE STOP BARS AT "RXR" CROSSING WITH SIGNIFICANT ROADWAY CURB APPROACH.

6. REFER TO ROADWAY STANDARD DRAWING 1205.08 FOR ADDITIONAL PAVEMENT MARKING GUIDANCE.

7. REFER TO "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" OR SIGNING PLANS FOR ADDITIONAL WARNING SIGNS.
RAILROAD LESS THAN 40 FT. FROM INTERSECTION

RAILROAD MORE THAN 75 FT. FROM INTERSECTION

THIS ADDITIONAL SYMBOL MAY BE REQUIRED DEPENDING ON SPEED LIMIT OF APPROACH. SYMBOL IS NOT REQUIRED IF THIS APPROACH IS STOP SIGN CONTROLLED.
RAILROAD 40 TO 75 FT. FROM INTERSECTION

- OMIT STOPBAR IF INSUFFICIENT DISTANCE
- OMIT TRANSVERSE BARS
- LESS THAN 75' MORE THAN 40'

RAILROAD CROSSINGS

- TWO-LANE, TWO-WAY ROADWAY WITH CENTER
- TURN LANE DISCONTINUED ACROSS TRACKS

REFER TO ROADWAY STANDARD DRAWING 1205.09 FOR YELLOW PAINTED ISLANDS

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
RALEIGH, N.C.

DIVISION OF HIGHWAYS

P AV E M E N T  M A R K I N G S

ENGLISH STANDARD DRAWING FOR RAILROAD CROSSINGS

DISTANCE
- OMIT STOPBAR IF INSUFFICIENT DISTANCE
- OMIT TRANSVERSE BARS
- LESS THAN 75' MORE THAN 40'
- SYMBOL NOT REQUIRED IF THIS APPROACH IS STOP SIGN CONTROLLED.

RAILROAD 40 TO 75 FT. FROM INTERSECTION

- TWO-LANE, TWO-WAY ROADWAY WITH CENTER
- TURN LANE CONTINUED ACROSS TRACKS

75' TYP.
3-LANE, 2-WAY ROADWAY (NO CENTER TURN-LANE)

MULTI-LANE ROADWAY WITH CENTER TURN LANE DISCONTINUED ACROSS TRACKS

MULTI-LANE ROADWAY WITH CENTER TURN LANE CONTINUED ACROSS TRACKS

TURN LAKES AT RAILROAD CROSSING

REFER TO ROADWAY STANDARD DRAWING 1205.09 FOR YELLOW PAINTED ISLANDS

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
RALEIGH, N.C.

DIVISION OF HIGHWAYS

ENGLISH STANDARD DRAWING FOR
PAVEMENT MARKINGS
RAILROAD CROSSINGS

1-12
SHEET 4 OF 4
1205.11
### Standard Bridge

- **Clear Roadway Width > 25 ft.**
  - Yellow center lines (double or single as required for passing & no passing zones)
  - White edge lines

### Narrow Bridge

- **18 ft. ≤ Clear Roadway Width ≤ 25 ft.**
  - See general note 2
  - 500' +/-
  - 300' min.
  - No passing zone at bridge approach typical for both sides

### One-Lane Bridge

- **Clear Roadway Width < 18 ft.**
  - Refer to roadway standard 1205.09 for white painted islands
  - Crystal/crystal pavement markers along edge lines @ 20' spacing
  - White edge lines
  - White diagonal lines

**General Notes:**
1. No passing zones shown are minimums. Apply minimum passing and stopping sight distances as determined by the engineer.
2. For bridges 18 to 25 feet wide, signs must be used when the clear roadway width is less than the width of the approach pavement plus 2 feet.
LEFT LANE REDUCTION, FOUR-LANE ROADWAY TO TWO-LANE ROADWAY

MULTI-LANE ROADWAY WITH RIGHT LANE REDUCTION

GENERAL NOTES:
1. REFER TO SIGNING PLANS OR TABLE "A" FOR ADVANCE WARNING SIGN PLACEMENT DISTANCE.
2. REFER TO ROADWAY STANDARD DRAWINGS 1205.01 AND 1205.08 FOR ADDITIONAL PAVEMENT MARKING GUIDANCE.

LEGEND
- WIDTH OF TRAVEL LANE
- STATIONARY SIGN
- DIRECTION OF TRAFFIC FLOW
- CRYSTAL FLEXIBLE DELINEATOR
- PAVEMENT MARKING SYMBOLS
- YELLOW FLEXIBLE DELINEATOR

TABLE "A"

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<tr>
<th>POSTED OR SPEED (MPH)</th>
<th>&quot;D&quot; (FEET)</th>
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<td>35</td>
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</tr>
<tr>
<td>120</td>
<td>1,250</td>
</tr>
<tr>
<td>130</td>
<td>1,300</td>
</tr>
</tbody>
</table>

DISTANCES SHOWN ARE FOR LEVEL ROADWAYS. MAKE CORRECTIONS FOR GRADES.
GENERAL NOTES:
1- MARKERS ARE GENERALLY NOT REQUIRED ALONG EDGE LINES EXCEPT IF DESIGNATED IN THE PLANS OR DIRECTED BY THE ENGINEER. WHEN THEY ARE REQUIRED, SPACE THEM ON 20 FT. CENTERS, AND OFFSET 2 INCHES FROM THE EDGE LINE ON THE TRAFFIC SIDE.
2- PLACE CRYSTAL/RED MARKERS AT INTERSECTIONS AND INTERCHANGES WHERE WRONG-WAY MOVEMENTS ARE POSSIBLE. POSITION THE RED SIDE OF THE MARKER TO FACE "WRONG-WAY" TRAFFIC. WHEN USED, PLACE CRYSTAL/RED MARKERS ALONG THE ENTIRE LENGTH OF THE PROJECT.
3- DO NOT PLACE PAVEMENT MARKERS CLOSER THAN 3 INCHES TO A PAVEMENT CONSTRUCTION JOINT (AS FEASIBLE), EXCEPT WHEN PLACED BETWEEN DOUBLE YELLOW CENTER LINES, AND ALONG YELLOW SKIP LINES ON TWO-LANE, TWO-WAY ROADWAYS WHERE PASSING IS ALLOWED IN BOTH DIRECTIONS.
4- DO NOT PLACE PAVEMENT MARKERS DIRECTLY ON PAVEMENT MARKING LINES.
5- PLACE PAVEMENT MARKERS USED IN CONJUNCTION WITH DOUBLE YELLOW CENTER LINES MID-WAY BETWEEN THE LINES. PROVIDE A GAP BETWEEN THE LINES AND THE MARKER TO REDUCE OVERSPLAYING THE MARKER DURING REPAINTING OPERATIONS.
6- MARKERS ARE NOT REQUIRED ALONG MINI-SKIP LINES IN TAPERS.

PAVEMENT MARKER SPACING CHART

<table>
<thead>
<tr>
<th>TYPE OF PAVEMENT MARKING</th>
<th>TYPICAL SPACING (FT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SKIP LINES AND CENTER LINES</td>
<td></td>
</tr>
<tr>
<td>ALONG THRU LANES-</td>
<td></td>
</tr>
<tr>
<td>ALONG TANGENT SECTIONS AND HORIZONTAL CURVES LESS THAN 6°</td>
<td>80</td>
</tr>
<tr>
<td>HORIZONTAL CURVES ≥ 6°</td>
<td>40</td>
</tr>
<tr>
<td>TURN LANES-</td>
<td></td>
</tr>
<tr>
<td>MINI-SKIP LINES</td>
<td>24</td>
</tr>
<tr>
<td>SKIP LINES</td>
<td>40</td>
</tr>
<tr>
<td>SOLID LINES</td>
<td>20</td>
</tr>
<tr>
<td>CENTER LINES</td>
<td>40</td>
</tr>
<tr>
<td>MINI-SKIP LINES AT</td>
<td></td>
</tr>
<tr>
<td>LANE DROP APPROACHES</td>
<td>24</td>
</tr>
<tr>
<td>TWO-WAY RAMP CENTER LINES</td>
<td>40</td>
</tr>
<tr>
<td>GORE LINES</td>
<td>20</td>
</tr>
<tr>
<td>PAINTED ISLANDS-</td>
<td></td>
</tr>
<tr>
<td>WHITE</td>
<td>20</td>
</tr>
<tr>
<td>YELLOW</td>
<td>40</td>
</tr>
<tr>
<td>RAISED MEDIAN ISLANDS</td>
<td>40</td>
</tr>
<tr>
<td>WRONG WAY RAMP ARROW</td>
<td>5</td>
</tr>
<tr>
<td>TAPERS</td>
<td>40</td>
</tr>
<tr>
<td>NARROW BRIDGES-</td>
<td></td>
</tr>
<tr>
<td>EDGE LINE</td>
<td>20</td>
</tr>
<tr>
<td>CENTER LINE</td>
<td>40</td>
</tr>
<tr>
<td>ONE LANE BRIDGES-</td>
<td></td>
</tr>
<tr>
<td>EDGE LINE</td>
<td>20</td>
</tr>
</tbody>
</table>

WORK ZONE APPLICATIONS

- 2-LANE, 2-WAY ON-SITE DIVERSION 20 FT. FOR CENTER LINE
- ALL OTHER DIVERSIONS 1/2 NORMAL SPACING
AUXILIARY TURN LANES

YELLOW PAINTED ISLANDS

WHITE PAINTED ISLANDS

40' SPACING ALONG DOUBLE YELLOW CENTER LINES

20' SPACING ALONG LANE LINES PLACED INSIDE OF THE TURN-LANE.

20' SPACING ALONG WHITE LINES

LEGEND

- DIRECTION OF TRAFFIC FLOW
- CRYSTAL/RED PAVEMENT MARKER
- YELLOW/YELLOW PAVEMENT MARKER
- PAVEMENT MARKING SYMBOL
RAISED PAVEMENT MARKERS

PERMANENT AND TEMPORARY

ENGLISH STANDARD DRAWING FOR

1- USE A MINIMUM OF 2 SQUARE INCHES FOR THE AREA OF EACH REFLECTIVE LENS.

2- FOR A COMPLETE LISTING OF PAVEMENT MARKERS AND ADHESIVES ACCEPTABLE FOR USE IN NORTH CAROLINA CONTACT THE NCDOT SIGNING AND DELINEATION UNIT.

GENERAL NOTES:
GENERAL NOTES:

1- USE A MINIMUM OF 1.44 +/- SQ. INCH AREA FOR EACH REFLECTIVE LENS.

2- SAWCUT GROOVES TO DIMENSIONS PROVIDED BY THE MANUFACTURER.

3- CONTACT ALL LEVELING LUGS TO THE PAVEMENT SURFACE.

4- REFLECTOR DIMENSIONS CAN VARY, BUT DESIGNED TO FIT IN THE CASTING AND PROVIDE THE REQUIRED REFLECTIVITY.

LEGEND

- DIRECTION OF TRAFFIC FLOW
GENERAL NOTES:

1. INSTALL DELINETERS AT ALL LOCATIONS OF PERMANENT AND TEMPORARY GUARDRAILS, CONCRETE BARRIERS, AND BRIDGE RAILS.

2. INSTALL DELINETERS PRIOR TO ALLOWING TRAFFIC TO PROCEED IN AN AREA WITH NEW BARRIER OR GUARDRAIL INSTALLATIONS (TEMPORARY AND PROPOSED).

3. CONFORM COLOR OF DELINETERS TO THE COLOR OF THE ADJACENT EDGE LINES.

4. POSITION DELINETERS SUCH THAT THE REFLECTIVE SHEETING IS PERPENDICULAR TO THE ROADWAY.

5. BEGIN DELINETER PLACEMENT 5 FEET FROM BARRIER APPROACH ENDS AND 25 FEET FROM GUARDRAIL APPROACH ENDS.

6. BARRIER DELINETERS THAT FALL ON JOINTS OR MOVE CONNECTIONS (UP TO 12 INCHES), ON EITHER SIDE OF THE JOINT.

7. POSITION THE GUARDRAIL AND/OR BARRIER DELINETERS TO ACHIEVE A UNIFORM HEIGHT WITH THE BARRIER DELINETERS WHERE GUARDRAIL TIES TO CONCRETE BARRIER.

DELINETER SPACING REQUIREMENTS FOR PERMANENT AND CONSTRUCTION ZONE GUARDRAIL, BARRIER, AND BRIDGERAIL

<table>
<thead>
<tr>
<th>SPACING (FT.)</th>
<th>ROADWAY CURVATURE &lt; 3° RAIL PARALLEL TO ROADWAY</th>
<th>ROADWAY CURVATURE ≥ 3° RAIL PARALLEL TO ROADWAY</th>
<th>TRANSITIONS, TAPERS, &amp; SECTIONS LESS THAN 200' LONG</th>
<th>BRIDGE RAILS AND RAILS AT BRIDGE APPROACHES</th>
</tr>
</thead>
<tbody>
<tr>
<td>100'</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50'</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>25'</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

LEGEND

- **DIRECTION OF TRAFFIC FLOW**
- **YELLOW DELINETER**
- **CRYSTAL DELINETER**
- **GUARDRAIL**
- **BARRIER**
TYPICAL DELINEATORS

MOUNTING DETAILS

1. Use a minimum 7 sq. in. reflective area for side mounted delineators.
2. Use a minimum 28 sq. in. reflective area for top mounted barrier delineators.
3. Use a minimum 7 sq. in. reflective area for top mounted guardrail delineators.
4. Use adhesive, clip on guardrail post, guardrail bolts, power driven fasteners, or other mounting methods recommended by the manufacturer as approved by the engineer.

TYPICAL POWER DRIVEN FASTENER
INSTALLATION FOR BARRIER

- Delineator base
- Butyl primer and adhesive
- Power driven fastener
  - ¼" dia. stud
  - ¾" thread length
  - 0.152" dia.-1¾" length Shank
- 9/32" mounting hole centered on base
- 14" heavy hex nut
- 14" extra duty lock washer

Paint the exposed portions of the nut, lock washer, and power driven fasteners with zinc-rich paint to meet the engineer's approval after installation of the assembly.
GENERAL NOTES:

1. GUARDRAIL END DELINEATION IS REQUIRED ON ALL APPROACH AND TRAILING
**TYPE I OBJECT MARKERS**

ALTERNATE 1

18" X 18"

TYPE III OR IV HIGH INTENSITY
YELLOW RETROREFLECTIVE SHEETING
MOUNTED ON .125" ALUMINUM PANEL

NINE 3" DIA. YELLOW
PRISMATIC PLASTIC
REFLECTORS

ALTERNATE 2

4"

6"

6"

3"

18" X 18"

TYPE III OR IV HIGH INTENSITY
YELLOW RETROREFLECTIVE SHEETING
MOUNTED ON .125" ALUMINUM PANEL

**TYPE 2 OBJECT MARKERS**

ALTERNATE 1

THREE 3" DIA. YELLOW
PRISMATIC PLASTIC
REFLECTORS

ALTERNATE 2

6" X 12"

TYPE III OR IV HIGH INTENSITY
YELLOW RETROREFLECTIVE SHEETING
MOUNTED ON .125" ALUMINUM PANEL

**TYPE 3 OBJECT MARKERS**

OM-3L

12" X 36"

TYPE III OR IV HIGH INTENSITY
ALTERNATE BLACK AND YELLOW STRIPES
RETROREFLECTIVE SHEETING
MOUNTED ON .125" ALUMINUM PANEL

STRIPES SLOPE DOWNWARD AT 45°
TOWARD THE SIDE OF OBSTRUCTION
WHICH TRAFFIC IS TO PASS

OM-3R

12" X 36"

**TYPE 4 OBJECT MARKERS**

ALTERNATE 1

TYPE III OR IV HIGH INTENSITY
RED RETROREFLECTIVE SHEETING
MOUNTED ON .125" ALUMINUM PANEL

NINE 3" DIA. RED
PRISMATIC PLASTIC
REFLECTORS

ALTERNATE 2

18" X 18"

TYPE III OR IV HIGH INTENSITY
RED RETROREFLECTIVE SHEETING
MOUNTED ON .125" ALUMINUM PANEL

NINE 3" DIA. RED
PRISMATIC PLASTIC
REFLECTORS
TYPE 1 OBJECT MARKERS

TYPICAL APPLICATION OF TYPE 1 OBJECT MARKERS include marking of obstructions within the roadway, such as sign supports or raised islands.

TYPE 1 OBJECT MARKER

RAISED ISLAND

TRAVELWAY

4' MIN.

TYPE 2 OBJECT MARKERS

REAR OF SIGN IN MEDIAN

TYPE 2 OBJECT MARKER BOLTED OR EPOXYED TO SIGN POST

TRAVELWAY

MEDIAN

TRAVELWAY

4' MIN.

TYPE 3 OBJECT MARKERS

TYPICAL APPLICATIONS OF TYPE 3 OBJECT MARKERS include delineation of bridge piers, abutments and rails, culvert head walls, narrow shoulder drop-offs, or other hazardous roadside conditions.

TYPE 3 OBJECT MARKER MOUNTED ON U-POST

HAZARD AREA

TRAVELWAY

OVERHEAD BRIDGE

E.O.T.

4' MIN.

TRAVELWAY

TYPE 4 OBJECT MARKERS

TYPICAL APPLICATION AT END OF ROADWAY (DEAD END) REGARDLESS OF WHETHER GUARDRAIL IS INSTALLED

3 MARKERS MINIMUM

6' TYP.

6' TYP.

7' U-CHANNEL POSTS (1.12 LB/FT) PAVEMENT

4' MIN.

LEGEND

- TYPE 3 OBJECT MARKER
- DIRECTION OF TRAFFIC FLOW
FLEXIBLE DELINEATOR ASSEMBLY

POST SECTION VIEW A-A

3½" TO 4½"

3" MIN. WIDTH

FLEXIBLE DELINEATOR POST

BASE SUPPORT DRIVEN TO GROUND LINE

18"

3/8" DIA. HOLES

U-CHANNEL BASE SUPPORT

3" MIN. REFLECTIVE AREA

REFLECTIVE SHEETING

16 sq. in. MIN.

FACE OF CURB

E.O.T.

6'-0" RECOMMENDED

SHOULDER POINT

BERM

CURB AND GUTTER

RAMP

E.O.T.

4'-0" TO TOP OF SHEETING

PAVED SHLD.

SHOULDER POINT

SIDE SLOPE

LATERAL OFFSETS

FLEXIBLE DELINEATOR

E.O.T.

4'-0" TO TOP OF SHEETING

PAVED SHLD.

SHOULDER POINT

SIDE SLOPE

GENERAL NOTES:

1. PLACE DELINEATORS AT CONSTANT DISTANCE FROM TRAVELWAY.

LEGEND

W = WIDTH OF TRAVEL LANE
E.O.T. = EDGE OF TRAVEL
• DIRECTION OF TRAFFIC FLOW

ENGLISH STANDARD DRAWING FOR FLEXIBLE DELINEATORS

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS
RALEIGH, N.C.

SHEET 1 OF 1
1267.01
**TABLE A**

<table>
<thead>
<tr>
<th>CURVATURES</th>
<th>DELINEATOR SPACING (FT.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4°00' OR LESS</td>
<td></td>
</tr>
<tr>
<td>TANGENT TO 0°30'</td>
<td>200'</td>
</tr>
<tr>
<td>GREATER THAN 0°30' TO 4°00'</td>
<td>150'</td>
</tr>
<tr>
<td>RAMP ACCELERATION DECELERATION LANES</td>
<td>200'</td>
</tr>
<tr>
<td>RAMP GORES</td>
<td>50'</td>
</tr>
</tbody>
</table>

**TABLE B**

<table>
<thead>
<tr>
<th>CURVATURES GREATER THAN 4°00'</th>
<th>DELINEATOR SPACING (S) (FT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CURVE RADIUS (R) (FT)</td>
<td></td>
</tr>
<tr>
<td>60</td>
<td>20</td>
</tr>
<tr>
<td>150</td>
<td>30</td>
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<tr>
<td>200</td>
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<tr>
<td>1200</td>
<td>100</td>
</tr>
<tr>
<td>1300</td>
<td>105</td>
</tr>
<tr>
<td>1400</td>
<td>110</td>
</tr>
</tbody>
</table>

- SPACING ROUNDED TO NEAREST 5 FT.
- MIN. SPACING = 20 FT.
- SPACING FOR SPECIFIC RADII MAY BE INTERPOLATED FROM TABLE B OR COMPUTED FROM THE FORMULA S = (3)R-50

WHERE S = SPACING, R = RADIUS, IN FEET.


**GENERAL NOTES:**

1. FLEXIBLE DELINEATORS ARE REQUIRED ONLY AT INTERCHANGES.

2. FLEXIBLE DELINEATORS ARE NOT REQUIRED WHERE THEY FALL BEHIND GUARDRAIL, OR WHERE ADEQUATE FIXED SOURCE LIGHTING IS PROVIDED.
ENGLISH STANDARD DRAWING FOR

THRU-LANE DROP AT EXIT RAMP

GENERAL NOTES:
1- CONTINUE DELINEATORS ON RAMPS AND LOOPS, USING TABLES A OR B ON STD. DWG. 1267.02 AND THE FOLLOWING REQUIREMENTS:

PLACE CRYSTAL DELINEATORS ON RIGHT SIDE OF RAMP FOR ALL RIGHT AND LEFT HAND CURVES FOR RAMPS WITH CURVE RADII 1000 FT. OR GREATER.

PLACE YELLOW DELINEATORS ON LEFT SIDE OF CURVE (CONVEX SIDE) RANGING FROM THE P.C. OR S.C. TO THE P.T. OR C.S. IN ADVANCE OF AND BEYOND THE CURVE FOR RAMPS AND LOOPS WITH RIGHT HAND CURVE RADII LESS THAN 1000 FT. CONTINUE WITH CRYSTAL DELINEATORS ON THE RIGHT SIDE WITH A MINIMUM OVERLAP OF 2 DELINEATORS WITHIN THE CURVE. CONTINUE THE CRYSTAL DELINEATORS THROUGH THE RIGHT SIDE OF THE CURVE WHEN THE GAP BETWEEN CRYSTAL DELINEATORS IS LESS THAN 500 FT.

LEGEND
E.O.T. = EDGE OF TRAVEL
CRYSTAL DELINEATOR
YELLOW DELINEATOR
DIRECTION OF TRAFFIC FLOW
GENERAL NOTES:

1. CONTINUE DELINEATORS ON RAMPS AND LOOPS, USING TABLES A OR B ON STD. DWG. 1267.02 AND THE FOLLOWING REQUIREMENTS:

PLACE CRYSTAL DELINEATORS ON RIGHT SIDE OF RAMPS FOR ALL RIGHT AND LEFT HAND RAMPS FOR CURVE RADII 1000 FT. OR GREATER.

PLACE YELLOW DELINEATORS ON LEFT SIDE OF CURVE (CONVEX SIDE) RANGING FROM THE P.C. OR S.C. TO THE P.T. OR C.S. IN ADVANCE OF AND BEYOND THE CURVE FOR RAMPS AND LOOPS WITH RIGHT HAND CURVE RADII LESS THAN 1000 FT. CONTINUE WITH CRYSTAL DELINEATORS ON THE RIGHT SIDE WITH A MINIMUM OVERLAP OF 2 DELINEATORS WITHIN THE CURVE. CONTINUE THE CRYSTAL DELINEATORS THROUGH THE RIGHT SIDE OF THE CURVE WHEN THE GAP BETWEEN CRYSTAL DELINEATORS IS LESS THAN 500 FT.

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PLACE YELLOW DELINEATORS ON LEFT SIDE OF CURVE (CONVEX SIDE) RANGING FROM THE P.C. OR S.C. TO THE P.T. OR C.S. IN ADVANCE OF AND BEYOND THE CURVE FOR RAMPS AND LOOPS WITH RIGHT HAND CURVE RADII LESS THAN 1000 FT. CONTINUE WITH CRYSTAL DELINEATORS ON THE RIGHT SIDE WITH A MINIMUM OVERLAP OF 2 DELINEATORS WITHIN THE CURVE. CONTINUE THE CRYSTAL DELINEATORS THROUGH THE RIGHT SIDE OF THE CURVE WHEN THE GAP BETWEEN CRYSTAL DELINEATORS IS LESS THAN 500 FT.

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GENERAL NOTES:

1. CONTINUE DELINEATORS ON RAMPS AND LOOPS, USING TABLES A OR B ON STD. DWG. 1267.02 AND THE FOLLOWING REQUIREMENTS:

   PLACE CRYSTAL DELINEATORS ON RIGHT SIDE OF RAMP FOR ALL RIGHT AND LEFT HAND CURVES FOR RAMPS WITH CURVE RADI 1000 FT. OR GREATER.

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LEGEND

- CRYSTAL DELINEATOR
- CRYSTAL DELINEATOR BACK TO BACK WITH RED DELINEATOR
- YELLOW DELINEATOR
- YELLOW DELINEATOR BACK TO BACK WITH RED DELINEATOR