DETAIL A

TYPICAL SPEED MEASUREMENT MARKING

TYPICAL DOUBLE LEFT TURN MARKINGS

TYPICAL STOP LINE PLACEMENT
GENERAL NOTES

1. THE SPACING IN THE TABLE APPLIES TO LEFT & RIGHT TURN LANES.

2. WHEN ONE (1) ARROW IS USED, IT SHALL BE PLACED AT THE BEGINNING OF THE FULL WIDTH TURN LANE, OTHERWISE USE THE TABLE BELOW FOR ARROW PLACEMENT.

<table>
<thead>
<tr>
<th>LENGTH (L)</th>
<th>NO. OF ARROWS</th>
<th>SPACING (S)</th>
</tr>
</thead>
<tbody>
<tr>
<td>L &lt; 200'</td>
<td>1</td>
<td>NA</td>
</tr>
<tr>
<td>200' ≤ L ≤ 350'</td>
<td>2</td>
<td>EVENLY SPACED</td>
</tr>
<tr>
<td>350' ≤ L ≤ 650'</td>
<td>3</td>
<td>BETWEEN</td>
</tr>
<tr>
<td>650' ≤ L ≤ 1500'</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>L &gt; 1500'</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

AL LENGTHS AND SPACINGS PROVIDED IN THE TABLE ABOVE WILL HELP DETERMINE THE NUMBER OF ARROWS NEEDED FOR LANE.

LEGEND

→ Direction of Travel

ARROW PLACEMENTS AT INTERSECTIONS
**WORD AND SYMBOL NOTES**

- Length is increased or decreased to all measurements. Where proportions are critical, the drawing shall be used for reference only.
- Each square foot = 12.5 sq ft.

**PAVEMENT MARKING WORDS AND SYMBOLS**

- **STANDARD PLAN NO.**
  - S-627-1
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**TYPICAL LETTER MEASUREMENTS**

- **H = 4" **
  - E.B.E. = 5.5"  S.T. = 6.5"
  - Line = 0.5"  Ring = 5.0"
  - **H = 8" **
  - Step = 11.0"
  - Ring = 16.5"
  - Only = 5.0"
  - Gate = 20.0"

**PAVEMENT MARKING WORDS AND SYMBOLS**

- **STRIKE = 8"**
  - 1-LANE SCHOOL
  - AREA = 11.9 SQ.FT.
  - AREA = 10 SQ.FT.
  - **NOTE:** A strike width border may be drawn.

**DESIGNATED PAYMENT AREAS**

- For the following N, W, E, S dimensions:
  - H = 4"
  - E.B.E. = 5.5"
  - Line = 0.5"
  - Ring = 5.0"
  - **H = 8"**
  - Step = 11.0"
  - Ring = 16.5"
  - Only = 5.0"
  - Gate = 20.0"

**TYPICAL APPROACH EDGE TAPERING VIEW**

- **TYPICAL APPROACH EDGE TAPERING PROFILE VIEW**

**STANDARD PLAN NO.**

- S-627-1
- **Sheet No.** 6 of 8
- 2020 W Howard Place
  - Denver, Colorado 80204
  - Phone: 303-757-6543
  - Fax: 303-757-6210
  - Colorado Department of Transportation
  - Safety & Traffic Engineering
  - KCM
  - Issued By: Safety & Traffic Engineering Branch July 8, 2002
ELONGATED INTERSTATE ROUTE SHIELDS

- 70
- 225

ELONGATED COLORADO STATE ROUTE SHIELDS

- 2
- 95
- 470

ELONGATED US HIGHWAY ROUTE SHIELDS

- 6
- 36
- 285

DESIGNATED PAYMENT AREAS

FOR THE FOLLOWING ROUTE SHIELDS & CARDINAL DIRECTIONS ENGINEERING PAV:

INTERSTATE
- 68 x 20" = 70 SQ.FT.
- 88 x 20" = 128 SQ.FT.

COLORADO STATE
- 68 x 15" = 90 SQ.FT.
- 68 x 20" = 100 SQ.FT.

US HIGHWAYS
- 78 x 15" = 120 SQ.FT.
- 88 x 20" = 128 SQ.FT.

CARDINAL
- 88 x 15" = 90 SQ.FT.
- 88 x 20" = 100 SQ.FT.

GENERAL NOTES

1. DIMENSIONS
ELONGATED ROUTE SHIELDS SHALL BE AT LEAST 10" WIDE X 6" HIGH (SEE WEBCAST 1400 FOR MORE DETAILS)

2. CARDINAL DIRECTIONS
USE CARDINAL DIRECTIONS WITH WHITE ON BLUE WHEN USING INTERSTATE ROUTE SHIELDS
USE CARDINAL DIRECTIONS WITH BLACK ON WHITE WHEN USING EITHER COLORADO STATE OR US HIGHWAY ROUTE SHIELDS

ELONGATED ROUTE SHIELDS & CARDINAL DIRECTION MARKINGS

CARDINAL DIRECTIONS
(White lettering on blue background)

- East
- West
- South
- North

CARDINAL DIRECTIONS
(Black lettering on white background with black border)

- East
- West
- South
- North

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PAVEMENT MARKINGS

KCM

STANDARD PLAN NO.

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