Sign width varies by destination(s). Sign width varies in even foot increments. If sign width is an issue, reduce edge or text spacing or use Series D.

* Center entire legend package horizontally on each panel or sub-panel.

Arrows are to be centered over each lane.

See HOV panel detail for dimensions

E8-106a (freeway):
12.00" Radius, 2.00" Border, White on Black;
HOV symbol;
12.00" Radius, 2.00" Border, Black on White;
"HOV EXIT" E;
"6-9 AM 3-7 PM MON-FRI" C;
12.00" Radius, 2.00" Border, White on Green;
"Destination" E;
12.00" Radius, 2.00" Border, White on Green;
Down Arrow 13.33-16-20" - 22.00" 270°;

Colors:
Upper Left Panel: Legend & Border: White (Reflective)
Background: Black (Non-reflective)
Upper Right Panel: Legend & Border: Black (Non-reflective)
Background: White (Reflective)
Lower Panel: Legend & Border: White (Reflective)
Background: Green (Reflective)

All dimensions are in inches

Designed By: R. C. Moeur
Issue Date: December 2016
Match width of lower sign panel.

* Center HOV legend package horizontally within the right-hand (white) sub-panel.

Colors:
- **Left Panel:** Legend & Border: White (Reflective)
  Background: Black (Non-reflective)
- **Right Panel:** Legend & Border: Black (Non-reflective)
  Background: White (Reflective)

**All dimensions are in inches**

**Designed By:** R. C. Moeur

**Issue Date:** December 2016
Match width of lower sign panel.
* Center HOV legend package horizontally within the right-hand (white) sub-panel.

E8 Series HOV Panel Detail
CODE: Panel Detail
SIZE: Varies x 36"
Freeway

Colors: Left Panel: Legend & Border: White (Reflective)
Background: Black (Non-reflective)
Right Panel: Legend & Border: Black (Non-reflective)
Background: White (Reflective)

All dimensions are in inches
Designed By: R. C. Moeur
Issue Date: December 2016
Street name suffix is always aligned with the top of the line of text (ascender heights are same)

<table>
<thead>
<tr>
<th>Height Text (H)</th>
<th>Suffix Width (W)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Suffix (S) _st _nd _rd _th</td>
</tr>
<tr>
<td>16</td>
<td>13.33 17.97 21.42 17.21 19.63</td>
</tr>
<tr>
<td>20</td>
<td>15 20.22 24.10 19.37 22.09</td>
</tr>
</tbody>
</table>

Colors:
Legend: Varies
Background: Varies

All dimensions are in inches

Designed By: R. C. Moeur
Issue Date: December 2016

Arizona Department of Transportation
Traffic Engineering Group