GENERAL NOTES

1. FOR TECHNICAL AND APPLICATION SUPPORT PLEASE CONTACT HILL & SMITH INC. AT 614-340-6294.

2. ZONEGUARD HAS BEEN ACCEPTED BY FHWA AS A MASH TL-3 LONGITUDINAL BARRIER.

3. STANDARD INSTALLATIONS REQUIRE ANCHORING AT EACH END OF THE RUN. MINIMUM DEFLECTION INSTALLATIONS REQUIRE ANCHORING AT 33-1/4 CENTERS. NO MODIFICATIONS ARE NECESSARY OTHER THAN INCREASED ANCHORING.

4. 50'-0" UNITS CAN BE USED TO ACHIEVE DOWN TO AN 800' RADIUS CURVE. 16'-8" UNITS CAN BE USED TO ACHIEVE CURVES DOWN TO 500' RADIUS. SPECIAL SHORT UNITS (SHOWN) IN 2.5 DEGREE INCREMENTS CAN BE USED TO ACHIEVE DIRECTION CHANGES OR AT A FIXED RADIUS OF 47'-0".

5. HILL & SMITH OFFERS AN EXPANSION UNIT THAT CAN BE USED ACROSS A BRIDGE EXPANSION JOINT OR TO ACCOMMODATE THERMAL EXPANSION. THE UNIT IS ANCHORED IN THE MIDDLE, AND ADJUSTED ACCORDING TO THE TEMPERATURE AT THE TIME OF INSTALLATION. THE EXPANSION UNIT CAN BE USED WITH ENGINEER APPROVAL. THE EXPANSION UNIT HAS NOT BEEN ASSESSED TO MASH CRITERIA.

6. ANCHOR PINS ARE 1 1/4" DIAMETER, LENGTH IS 1'-8" FOR ASPHALT AND 1'-0" FOR CONCRETE. SEE ANCHORING TABLE FOR ADDITIONAL DETAILS.

EXPECTED DEFLECTION TABLE

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>ASPHALT</th>
<th>CONCRETE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/4&quot; PIN Anchor</td>
<td>1'-8&quot; LONG, MINIMUM ASPHALT COVER OF 6&quot;</td>
<td>1'-0&quot; LONG, MINIMUM CONCRETE COVER OF 6&quot;</td>
</tr>
<tr>
<td>1 1/4&quot; ALL THREAD Anchor</td>
<td>-</td>
<td>1'-0&quot; LONG, MINIMUM EMBEDMENT OF 6&quot;</td>
</tr>
</tbody>
</table>

ANCHORING TABLE

ALTERNATE ANCHORING METHODS CERTIFIED BY HILL & SMITH, INC. ARE AVAILABLE PER FHWA APPROVAL LETTER.