1. Q indicates module location and weight of sand in pounds for each module, module spacing is based on the greater diameter of the modules.
2. All sand weights are nominal.
3. Modules shall be placed on hot mix asphalt, epoxy mortar or concrete surface. Modules to be placed on surfacing with greater than 5% downward slope shall be seated as shown.
4. Weight of sand and outline of each module shall be painted on the surface at each module location.
5. Module blocking, epoxied to the deck surface, is required for all modules placed on bridge decks. Two acceptable alternatives are shown. Other alternatives recommended by the manufacturer and approved by the Engineer will be accepted.
6. Place the top of the Type R marker panel 1" below the module lid.
7. Approach speeds indicated conform to NCHRP Report criteria.

<table>
<thead>
<tr>
<th>Approach Speed</th>
<th>Minimum Weight</th>
<th>Typical Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 45 mph</td>
<td>200 lbs</td>
<td>400 lbs</td>
</tr>
<tr>
<td>45 mph or more</td>
<td>400 lbs</td>
<td>700 lbs</td>
</tr>
<tr>
<td>700 lbs</td>
<td>1400 lbs</td>
<td>2100 lbs</td>
</tr>
</tbody>
</table>

Approach speed less than 45 mph

Notes:

1. All sand weights are nominal.
2. Modules shall be placed on hot mix asphalt, epoxy mortar or concrete surface. Modules to be placed on surfacing with greater than 5% downward slope shall be seated as shown.
3. Weight of sand and outline of each module shall be painted on the surface at each module location.
4. Module blocking, epoxied to the deck surface, is required for all modules placed on bridge decks. Two acceptable alternatives are shown. Other alternatives recommended by the manufacturer and approved by the Engineer will be accepted.
5. Place the top of the Type R marker panel 1" below the module lid.
6. Approach speeds indicated conform to NCHRP Report criteria.