Modification of or Addition to Improvement Standards and Details

Modification Number: 051305-2
Effective Date of Change: May 23, 2005

Modification:

- Modify standard detail T-2 - Pre-Formed Rubberized Speed Cushion Layout and Typical Signing and Striping, to include minimum specification requirements for gradient, tensile strength and number of anchors.

Effect of Modification:

Increases speed cushion side ramp gradient to 1:6.

Increases tensile strength to 400 psi.

Increase minimum number of anchor bolts per cushion to 35.

Request for Modification Initiated By: ___________________________ 5/13/05

Modification Reviewed for Conformity and Consistency to Standards: ___________________________ 5/13/05

Modification to Improvement Standards Approved: ___________________________ 5/13/05
NOTES:

1. DEVELOPER/CONTRACTOR MAY USE 6'x6' OR 6'x8' PRE-FORMED RUBBERIZED SPEED CUSHIONS.
2. SPEED CUSHION SHALL BE ARRANGED TO THE SATISFACTION OF THE CITY ENGINEER TO ALLOW EMERGENCY VEHICLES TO PASS WITHOUT IMPEDANCE.
3. OTHER SPEED CUSHION LAYOUTS MUST BE APPROVED BY THE CITY ENGINEER.
4. ALL SIGNING AND STRIPING SHALL APPLY TO ALL TYPES OF ROADWAY WIDTH AND EITHER SIZE OF SPEED CUSHION INSTALLATION OPTION.
5. THE DEVELOPER/CONTRACTOR SHALL BE RESPONSIBLE FOR ADDITIONAL SIGNING AND STRIPING AS DETERMINED BY THE CITY OF ELK GROVE FOR PUBLIC SAFETY.

SPEED CUSHION MINIMUM SPECIFICATIONS REQUIREMENTS

<table>
<thead>
<tr>
<th>REQUIREMENT</th>
<th>VALUE</th>
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<tbody>
<tr>
<td>RAMP GRADE (SIDE)</td>
<td>1:6</td>
</tr>
<tr>
<td>TENSILE STRENGTH</td>
<td>400 PSI</td>
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<tr>
<td>NUMBER OF ANCHOR BOLTS PER CUSHION</td>
<td>35</td>
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PRE-FORMED RUBBERIZED SPEED CUSHION LAYOUT AND TYPICAL SIGNING AND STRIPING (42', 36', 26' PAVED ROADWAY)