**NOTES:**

1. This configuration shall be used where W-beam guardrail is specified along a two-lane two-way roadway to shield the supports of an overhead structure.

2. Dimensions and details not shown hereon shall be as shown on the plans.

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### TWO-LANE TWO-WAY ROADWAY WITH SINGLE OVERHEAD STRUCTURE AND BRIDGE-SUPPORT DISTANCE TO E.P. > 16'

<table>
<thead>
<tr>
<th>End</th>
<th>W-beam guardrail @ 6'-3&quot; spa.</th>
<th>Pay length shown on plans</th>
<th>Bridge Support</th>
<th>W-beam guardrail @ 6'-3&quot; spa.</th>
<th>Pay length shown on plans</th>
<th>End</th>
</tr>
</thead>
<tbody>
<tr>
<td>treatment</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>treatment</td>
</tr>
</tbody>
</table>

---

### TWO-LANE TWO-WAY ROADWAY WITH SINGLE OVERHEAD STRUCTURE AND BRIDGE-SUPPORT DISTANCE TO E.P. ≤ 16'

<table>
<thead>
<tr>
<th>End</th>
<th>W-beam guardrail @ 6'-3&quot; spa.</th>
<th>GP</th>
<th>Bridge Support</th>
<th>GP</th>
<th>W-beam guardrail @ 6'-3&quot; spa.</th>
<th>End</th>
</tr>
</thead>
<tbody>
<tr>
<td>treatment</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>treatment</td>
</tr>
</tbody>
</table>

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**INDIANA DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL AT ROADSIDE BRIDGE SUPPORT**

**SEPTEMBER 2011**

**STANDARD DRAWING NO.** E 601-GRBS-01

/s/ Richard L. VanCleave 09/01/11

/s/ Mark A. Miller 09/01/11

DESIGN STANDARDS ENGINEER

CHIEF HIGHWAY ENGINEER
TWO-LANE TWO-WAY ROADWAY WITH TWIN OVERHEAD STRUCTURES AND BRIDGE-SUPPORT DISTANCE TO E.P. > 16'

TWO-LANE TWO-WAY ROADWAY WITH TWIN OVERHEAD STRUCTURES AND BRIDGE-SUPPORT DISTANCE TO E.P. ≤ 16'

NOTES:
1. This configuration shall be used where W-beam guardrail is specified along a two-lane two-way roadway to shield the support of twin overhead structures.
2. Dimensions and details not shown hereon shall be as shown on the plans.
## DIVIDED ROADWAY WITH SINGLE OVERHEAD STRUCTURE AND OUTSIDE SHOULDER BRIDGE-SUPPORT DISTANCE TO E.P. > 16'

<table>
<thead>
<tr>
<th>Bridge Support</th>
<th>GP Transition</th>
<th>W-beam guardrail @ 6'-3&quot; spa.</th>
<th>End Treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>E.P.</td>
<td></td>
<td></td>
<td>E.P.</td>
</tr>
<tr>
<td>←</td>
<td>←</td>
<td>Pay length shown on plans</td>
<td>←</td>
</tr>
<tr>
<td>←</td>
<td>←</td>
<td></td>
<td>←</td>
</tr>
<tr>
<td>E.P.</td>
<td></td>
<td></td>
<td>E.P.</td>
</tr>
<tr>
<td>Median</td>
<td></td>
<td></td>
<td>Median</td>
</tr>
</tbody>
</table>

## DIVIDED ROADWAY WITH SINGLE OVERHEAD STRUCTURE AND OUTSIDE SHOULDER BRIDGE-SUPPORT DISTANCE TO E.P. ≤ 16'

<table>
<thead>
<tr>
<th>Bridge Support</th>
<th>GP Transition</th>
<th>W-beam guardrail @ 6'-3&quot; spa.</th>
<th>End Treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>E.P.</td>
<td></td>
<td></td>
<td>E.P.</td>
</tr>
<tr>
<td>←</td>
<td>←</td>
<td>Pay length shown on plans</td>
<td>←</td>
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<tr>
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<tr>
<td>E.P.</td>
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<td></td>
<td>E.P.</td>
</tr>
<tr>
<td>Median</td>
<td></td>
<td></td>
<td>Median</td>
</tr>
</tbody>
</table>

### NOTES:

1. This configuration shall be used where W-beam guardrail is specified along the outside shoulder of a divided roadway to shield the supports of an overhead structure.

2. Dimensions and details not shown hereon shall be as shown on the plans.

3. Rectangular plate washers shall be installed at each post along this section. See Standard Drawing E 601-GRBS-08.
NOTES:

1. This configuration shall be used where W-beam guardrail is specified along the outside shoulder of a divided roadway to shield the supports of twin overhead structures.

2. Dimensions and details not shown hereon shall be as shown on the plans.

3. Rectangular plate washers shall be installed at each post along this section. See Standard Drawing E 601-GRBS-08.

DIVIDED ROADWAY WITH TWIN OVERHEAD STRUCTURES AND OUTSIDE-SHOULDER BRIDGE-SUPPORT DISTANCE TO E.P. > 16'

DIVIDED ROADWAY WITH TWIN OVERHEAD STRUCTURES AND OUTSIDE-SHOULDER BRIDGE-SUPPORT DISTANCE TO E.P. ≤ 16'
NOTES:

1. This configuration shall be used where impact attenuator units are specified in conjunction with a crashwall in the median of a divided roadway to shield the support of an overhead structure.

2. Dimensions and details not shown hereon shall be as shown on the plans.

**DIVIDED ROADWAY WITH SINGLE OVERHEAD STRUCTURE AND MEDIAN BRIDGE SUPPORT**
NOTES:

1. This configuration shall be used where impact attenuator units are specified in conjunction with a crash wall in the median of a divided roadway to shield the supports of twin overhead structures.

2. Dimensions and details not shown hereon shall be as shown on the plans.

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**DIVIDED ROADWAY WITH TWIN OVERHEAD STRUCTURES AND MEDIAN BRIDGE SUPPORTS**
NOTES:

1. This configuration shall be used where W-beam guardrail is specified along the median-side shoulder of a divided roadway to shield the support of a tandem overhead structure.

2. Dimensions and details not shown hereon shall be as shown on the plans.

3. Rectangular plate washers shall be installed at each post along this section. See Standard Drawing E 601-GRBS-08.
NOTE:

① Washers required for each post in this section shall be rectangular plate washers, as shown on Standard Drawing E 601-WBEC-02.