**GENERAL NOTES**

1. This drawing shall be used where guardrail transition type GP is specified to connect W-beam guardrail to a pier or frame bent collision wall.

2. The details on this drawing are for the assembly and installation of the deflector components for connecting guardrail transition type GP to a pier or frame bent collision wall.

3. The anchor bolt shall be anchored with a chemical anchor system shown on the Department's List of Approved Chemical Anchor Systems.
### General Notes

1. This drawing shall be used where guardrail transition type GP is specified to connect W-beam guardrail to a pier or frame bent collision wall.

2. The details on this drawing are for the assembly and installation of the deflector components for connecting guardrail transition type GP to a pier or frame bent collision wall.


### Detail of Nose Deflector - Round

- Elevation
- Plan
- Radius axis of round nose pier
- 7/8" anchor bolt
- 5/8" high strength bolts
- Nose deflector, round
- 1" holes for 5/8" high strength bolts
- Bend line
- 1-0" x 3" slotted holes for 5/8" anchor bolts
- 3/8" x 3" slotted holes for 5/8" anchor bolts

### Table: Design Radii

<table>
<thead>
<tr>
<th>Radius</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
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<tbody>
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<td>9</td>
<td>11</td>
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<td>4</td>
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<td>1'-6</td>
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<td>6</td>
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### Designation

- INDUSTRY DEPARTMENT OF TRANSPORTATION
- TRANSITION AT PIER
- TYPE GP
- SEPTEMBER 1998