FOUR-RAIL STEEL BRIDGE RAIL FLARED TRANSITION TO HIGHWAY BOX BEAM
(SIDEWALK CONTINUES ON APPROACHES)

ELEVATION

TABLE A

<table>
<thead>
<tr>
<th>DESIGN SPEED</th>
<th>ANGLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>3.0°</td>
</tr>
<tr>
<td>40</td>
<td>4.0°</td>
</tr>
<tr>
<td>50</td>
<td>5.2°</td>
</tr>
</tbody>
</table>

NOTES:
- SEE NOTE "A"
- SEE TURNDOWN DETAILS
- FOR FLARE SPLICE ASSEMBLY, SEE BD-RS7E.
- FOR TRANSITION POST AND HEAVY POST DETAILS, SEE BD-RC4E.
- FOR SPLICE ASSEMBLY DETAILS, SEE BD-RS8E.
- FOR TRANSITION, SEE BD-RS5E.
- FOR HEAVY POSTS (SEE NOTE "B")
- FOR ANGLE SEE TABLE "A"
- FOR FLARE SPLICE ASSEMBLY SEE BD-RS5E
- FOR TRANSITION POST AND HEAVY POST DETAILS, SEE BD-RC4E.
- FOR SPLICE ASSEMBLY DETAILS, SEE BD-RS8E.
- FOR TRANSITION, SEE BD-RS5E.

DESIGNER NOTES:
- CHECK THE CLEARANCE FROM THE STRUCTURE TO THE FIRST HEAVY POST.
- THIS POST MAY REQUIRE THE SPECIAL POST DETAIL SHOWN ON BD-R5-R7.
- DETAILER MUST DELETE BOTTOM RAIL FROM TRANSITION FOR TURNDOWN DETAIL ELEVATION.
- THE VALUE OF "X" DEPENDS ON DESIGN SPEED, CURB WIDTH AND VALUES FROM TABLE "A". THE DETAILER MUST REPLACE THE VARIABLES "X" AND ANGLE FROM "TABLE "A" WITH ACTUAL VALUES.
- THE DETAILER MUST DELETE BOTTOM RAIL FROM TRANSITION FOR TURNDOWN DETAIL ELEVATION.
- FROM "TABLE "A". THE DETAILER MUST REPLACE THE VARIABLES "X" AND ANGLE FROM "TABLE "A" WITH ACTUAL VALUES.
- THE DESIGNER MUST DELETE BOTTOM RAIL FROM TRANSITION FOR TWO-RAIL/BRUSH CURB WALL.
- CHECK THE CLEARANCE FROM THE SUBSTRUCTURE TO THE FIRST HEAVY POST.
- THIS POST MAY REQUIRE THE SPECIAL POST DETAIL SHOWN ON BD-R5-R7.
- DETAILER MUST DELETE BOTTOM RAIL FROM TRANSITION FOR TURNDOWN DETAIL ELEVATION.
- THE VALUE OF "X" DEPENDS ON DESIGN SPEED, CURB WIDTH AND VALUES FROM TABLE "A". THE DETAILER MUST REPLACE THE VARIABLES "X" AND ANGLE FROM "TABLE "A" WITH ACTUAL VALUES.
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- CHECK THE CLEARANCE FROM THE SUBSTRUCTURE TO THE FIRST HEAVY POST.
- THIS POST MAY REQUIRE THE SPECIAL POST DETAIL SHOWN ON BD-R5-R7.
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