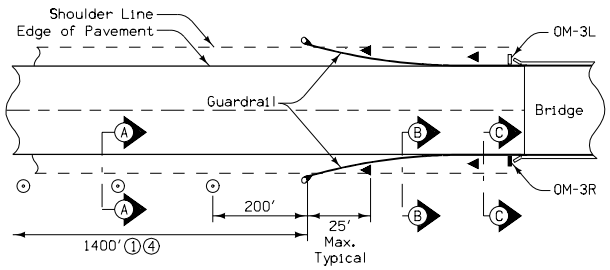
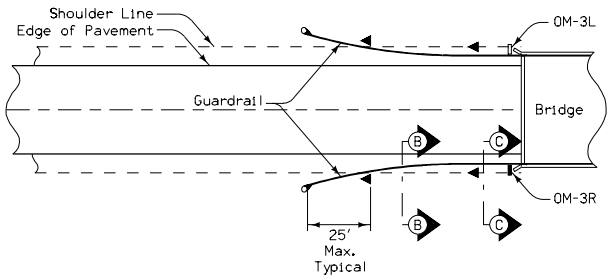


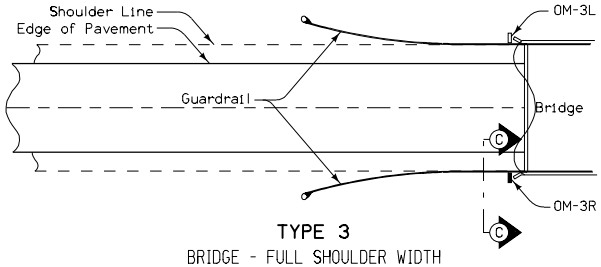

**TYPE 1**

BRIDGE - LESS THAN 30 FT. BUT NOT FULL SHOULDER WIDTH



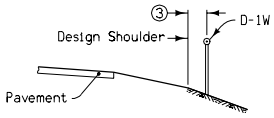

**TYPE 2**

BRIDGE - 30 FT. OR WIDER BUT LESS THAN FULL SHOULDER WIDTH

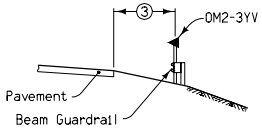



**TYPE 3**

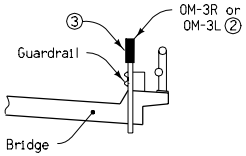
BRIDGE - FULL SHOULDER WIDTH




**SECTION A-A**




**SECTION B-B**




**SECTION C-C**

| LEGEND 3 | |
|---|---|
| ▯ | Type 3 Object Marker, Left (OM-3L) |
| ▮ | Type 3 Object Marker, Right (OM-3R) |
| ◀ | Type 2 Object Marker (OM2-3YV) |
| ⊙ | Single White Delineator, (D-1W) |

1. Not required on projects where delineators are proposed or installed throughout the length of the project.
2. All Delineator and Object Marker placement shall be behind face of guardrail. The edge of object marker (OM–3L or OM–3R) shall be aligned with the face of guardrail.
3. Refer to Standard Road Plans RE–7 and RE–47.
4. At ramp terminals only, install Single White Delineators as follows: Place first delineator at location where near ramp terminal radius meets the edge of the through pavement. Place additional deline–ator(s) spaced equally (spacing not to exceed 200') between first delineator and guardrail.

GENERAL NOTES:

TYPE 1: For bridges that are less than 30 ft., but not full shoulder width. Beginning 25 ft. from the approach end of guardrail, install Type 2 Object Markers (OM2-3YV) at 25 ft. intervals behind the guardrail. Install a Type 3 Object Marker (OM-3R and OM-3L) at the bridge ends. On paved roadways only, install 7 Single White Delineators (D-1W) at 200 ft. spacing beginning 200 ft. in front of the approach end of the guardrail. For ramp terminals, see note 4.

TYPE 2: For bridges 30 ft. or wider, but less than full shoulder width. Beginning 25 ft. from the approach end of guardrail, install Type 2 Object Markers (OM3-2YV) at 25 ft. intervals behind the guardrail. Install a Type 3 Object Marker (OM-3R and OM-3L) at he bridge ends.

TYPE 3: For full shoulder width bridges. Install a Type 3 Object Marker (OM-3R and OM-3L) at the bridge ends.

Iowa Department of Transportation
*Highway Division*

**STANDARD ROAD PLAN** **RE–48A**

REVISION: Delete Type 4 (Bullnose Installation).

| REVISION NO. | REVISION DATE |
|---|---|
| 11 | 10-19-04 |

William J. Stein
APPROVED BY DESIGN METHODS ENGINEER

DETAILS OF MARKER
AND DELINEATOR PLACEMENT
(AT BRIDGES)