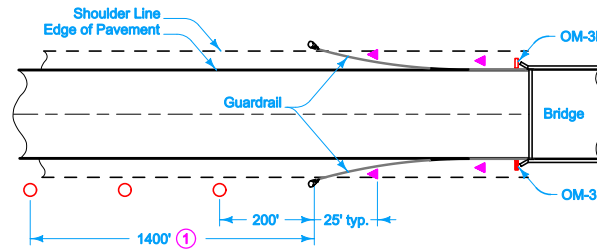
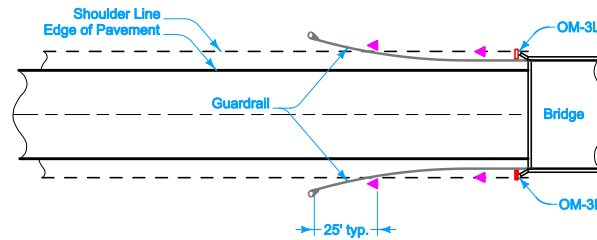


See [SI-172](#) for details of Delineators and [SI-173](#) for details of Object Markers.

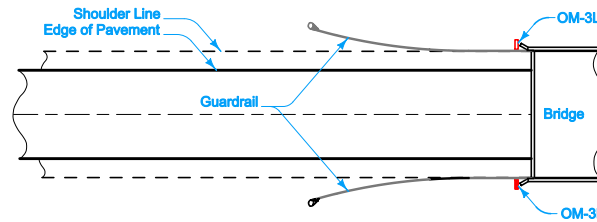
① Not required on projects where delineators are proposed or installed throughout the length of the project.



TYPE 1
BRIDGE OR CONCRETE BARRIER RAIL
(LESS THAN FULL SHOULDER WIDTH AND BRIDGE/ROADWAY WIDTH LESS THAN 30 FT.)



TYPE 2
BRIDGE OR CONCRETE BARRIER RAIL
(LESS THAN FULL SHOULDER WIDTH AND BRIDGE/ROADWAY WIDTH 30 FT. OR GREATER)



TYPE 3
BRIDGE OR CONCRETE BARRIER RAIL
(FULL SHOULDER WIDTH)

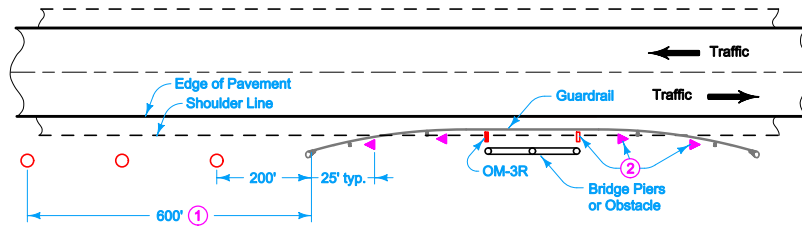
LEGEND	
	Type 3 Object Marker, Left (OM-3L)
	Type 3 Object Marker, Right (OM-3R)
	Type 2 Object Marker (OM2-1 or OM2-2)
	Rigid Delineator, Type 1 White

Possible Contract Items:
 Delineator, Rigid - Type 1
 Type 2 Object Markers
 Type 3 Object Markers

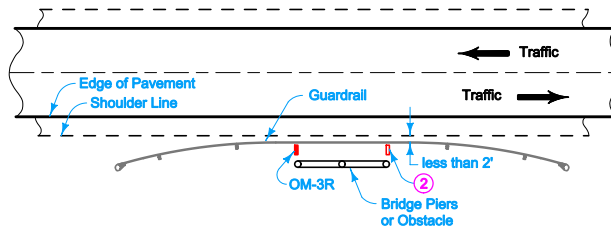
	REVISION
	New 04-20-10
STANDARD ROAD PLAN	SI-211
SHEET 1 of 3	

REVISIONS: New. Replaces RE-48A and RE-48B.

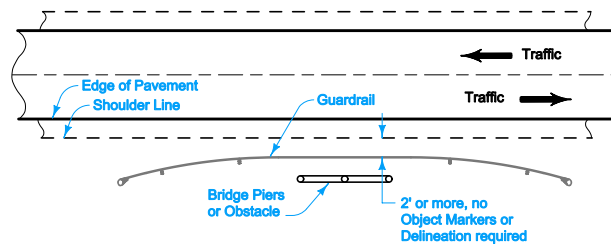
 APPROVED BY DESIGN METHODS ENGINEER	
OBJECT MARKER AND DELINEATOR PLACEMENT WITH GUARDRAIL	



**TYPE 4
MARKING SIDE OBSTACLES
(STEEL BEAM GUARDRAIL ON THE SHOULDER)**



**TYPE 5
MARKING SIDE OBSTACLES
(STEEL BEAM GUARDRAIL LESS THAN 2 FT. FROM THE SHOULDER LINE)**



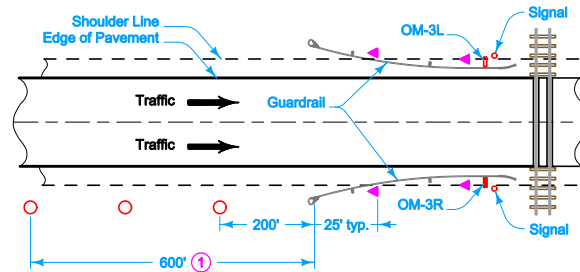
**TYPE 6
MARKING SIDE OBSTACLES
(STEEL BEAM GUARDRAIL 2 FT. OR MORE FROM THE SHOULDER LINE)**

- ① Not required on projects where delineators are proposed or installed throughout the length of the project.
- ② Type 2 and Type 3 Object Marker at trailing end of obstacle not required when one-way traffic exists.

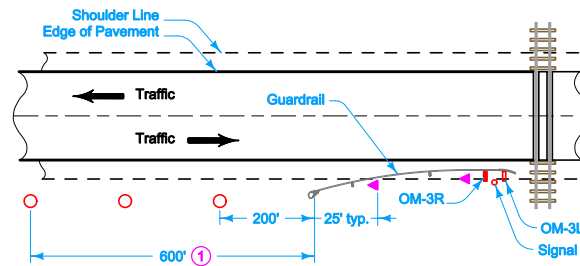
LEGEND	
	Type 3 Object Marker, Left (OM-3L)
	Type 3 Object Marker, Right (OM-3R)
	Type 2 Object Marker (OM2-1 or OM2-2)
	Rigid Delineator, Type 1 White

	REVISION
	New 04-20-10
STANDARD ROAD PLAN	SI-211
REVISIONS: New. Replaces RE-48A and RE-48B.	SHEET 2 of 3
 APPROVED BY DESIGN METHODS ENGINEER	
OBJECT MARKER AND DELINEATOR PLACEMENT WITH GUARDRAIL	

① Not required on projects where delineators are proposed or installed throughout the length of the project.








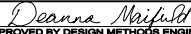
**TYPE 7
MARKING RAILROAD CROSSING SIGNALS
(ONE-WAY TRAFFIC)**



**TYPE 8
MARKING RAILROAD CROSSING SIGNALS
(TWO-WAY TRAFFIC)**

LEGEND

-  Type 3 Object Marker, Left (OM-3L)
-  Type 3 Object Marker, Right (OM-3R)
-  Type 2 Object Marker (OM2-1 or OM2-2)
-  Rigid Delineator, Type 1 White

 Iowa Department of Transportation	REVISION	
	New	04-20-10
STANDARD ROAD PLAN	SI-211	
REVISIONS: New. Replaces RE-48A and RE-48B.		
 APPROVED BY DESIGN METHODS ENGINEER		
OBJECT MARKER AND DELINEATOR PLACEMENT WITH GUARDRAIL		
SHEET 3 of 3		