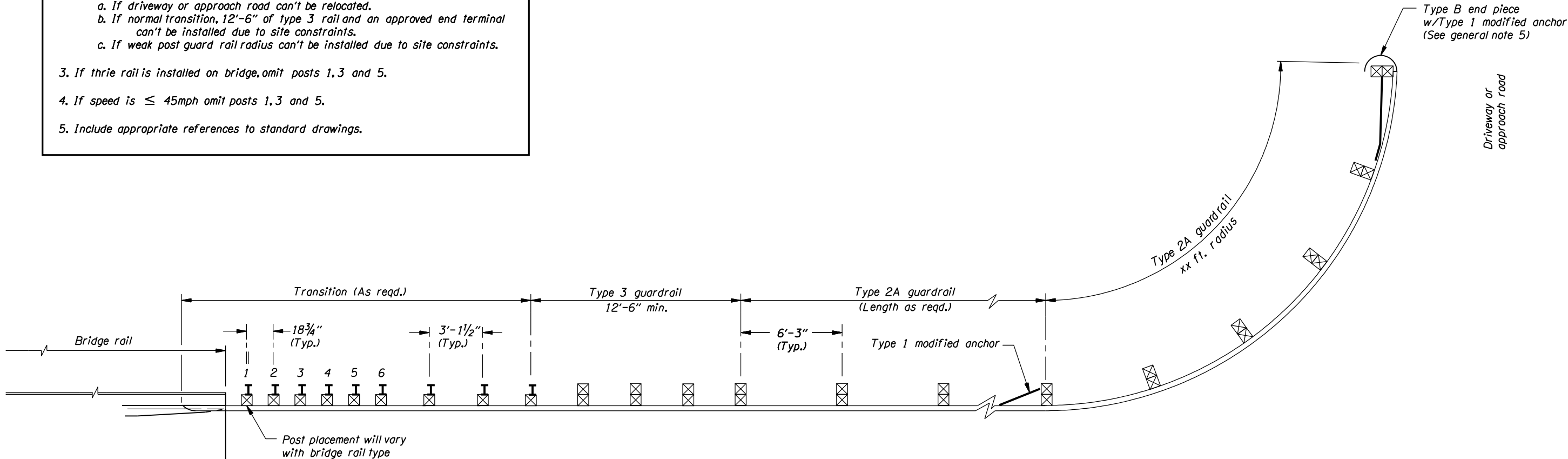


NOTES TO DESIGNERS:

- 1. Modify radii shown to meet specific conditions.
- 2. Use these details only:
 - a. If driveway or approach road can't be relocated.
 - b. If normal transition, 12'-6" of type 3 rail and an approved end terminal can't be installed due to site constraints.
 - c. If weak post guard rail radius can't be installed due to site constraints.
- 3. If thrie rail is installed on bridge, omit posts 1, 3 and 5.
- 4. If speed is ≤ 45 mph omit posts 1, 3 and 5.
- 5. Include appropriate references to standard drawings.



PLAN

GENERAL NOTES FOR ALL DETAILS:

- 1. For transition details, see appropriate Bridge Standard Drawings.
- 2. Place radius identification plate (For details, see drg. no. RD415).
- 3. Shop fabricate all radius rail to dimensions shown.
- 4. 5' radius minimum allowable.
- 5. Anchor and end piece shown are to be used only for private driveways/approach roads. An approved end treatment is required on public roadways.

The selection and use of this detail, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.			OREGON DEPARTMENT OF TRANSPORTATION TECHNICAL SERVICES DETAILS	
BRIDGE RAIL END PROTECTION (TYPE 2A RAIL)			DETAIL NO. DET1450	