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## CHAPTER FORTY-SEVEN

# RAILROAD-HIGHWAY GRADE CROSSINGS

### 47-1.0 DESIGN CRITERIA

A railroad-highway grade crossing on a 3R or 4R project should be in accordance with the design criteria as follows:

1. The approach elevation should be the same elevation as the top of rails for a distance of 0.6 m outside the rails.
2. The surface of the highway should not be more than 75 mm higher or 150 mm lower than the top of nearest rail at a point 9 m from the rail unless track superelevation dictates otherwise.

### 47-2.0 DESIGNER COORDINATION WITH RAILROAD COMPANY

If a railroad company does not attend the preliminary field check and its input is essential, the designer should set up a separate meeting with the railroad company through the Production Management Division's Railroads Team.

For further information regarding railroad-company coordination, see Chapter Eleven.