



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
NASHVILLE, TENNESSEE 37243-0348

INSTRUCTIONAL BULLETIN NO. 09-12

Regarding Additional Information for Grade Separated Railroad Crossings

Effective Immediately, due to additional information needed by railroads to review impacts of roadway projects on rail lines at grade separated crossings, the following additional cross-sections and information shall be added to plans that include grade separated railroad crossings.

1. A minimum of five railroad cross-sections shall be provided at the following locations.
 - The roadway grade at the proposed bridge
 - Both faces of the proposed bridge
 - ROW limits (minimum 100 ft.) from face of the proposed bridge (perpendicular to the railroad alignment)

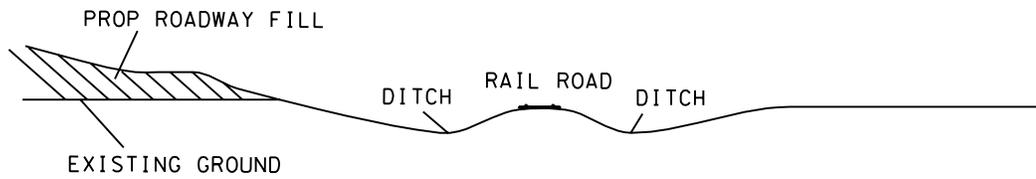
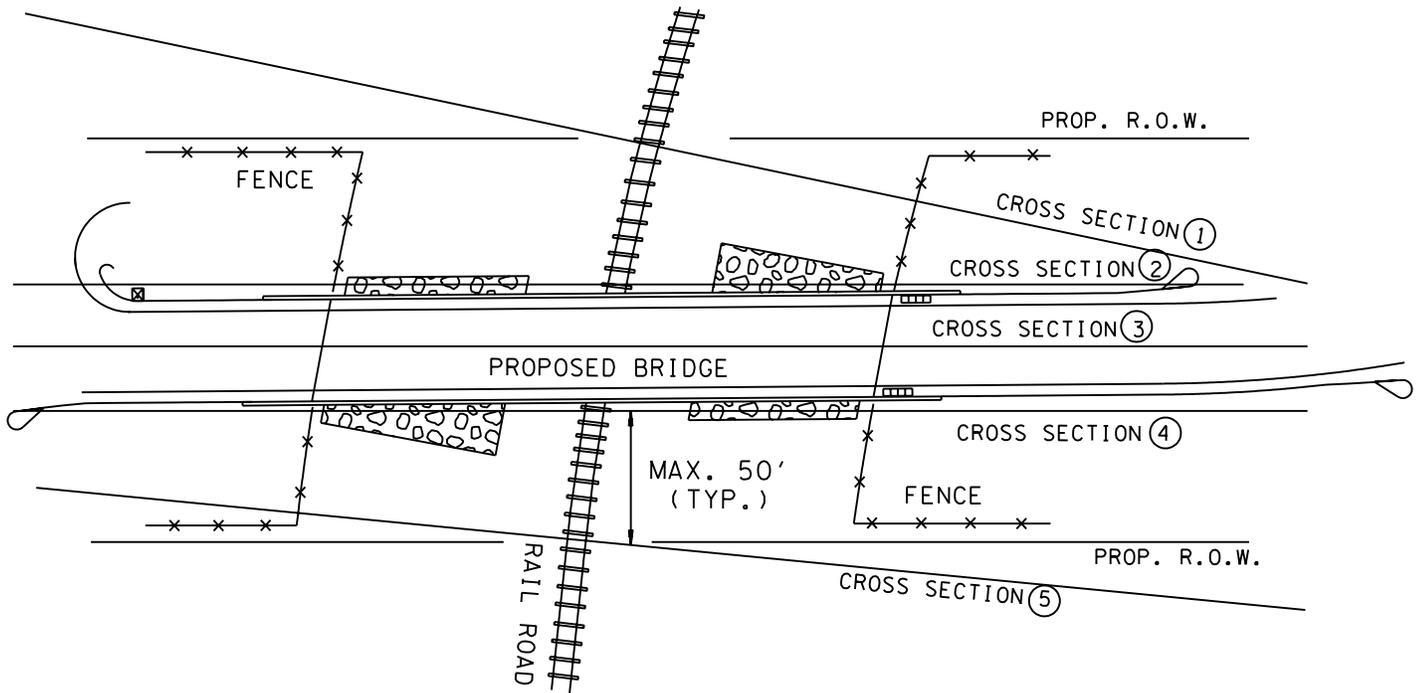
If the distance between the subject cross sections exceeds 50 feet an additional cross sections are required to adequately depict conditions along the tracks. See attachment.

2. The proposed bridge toe of abutment fill slopes, existing railroad drainage structures and ditches, and roadside ditches should be shown on applicable all cross-sections.
3. For any proposed structure (example: retaining wall, end wall); a cross section view showing the location of such structures in relation to the location of a railroad track shall be shown.
4. Cross sections need to show any changes proposed during grading operations to the railroad embankment, drainage ditches, or sub-track structures.

Information specified in Section 1-210.00 of the Roadway Design Guidelines shall continue to be included on the plans.

Original signed by Jeff C. Jones
Jeff C. Jones, Civil Engineering Director
Design Division

September 24, 2009
JCJ:MJA:arh
Attachment



EXAMPLE CROSS SECTION

IB 09-12

FIGURE-1