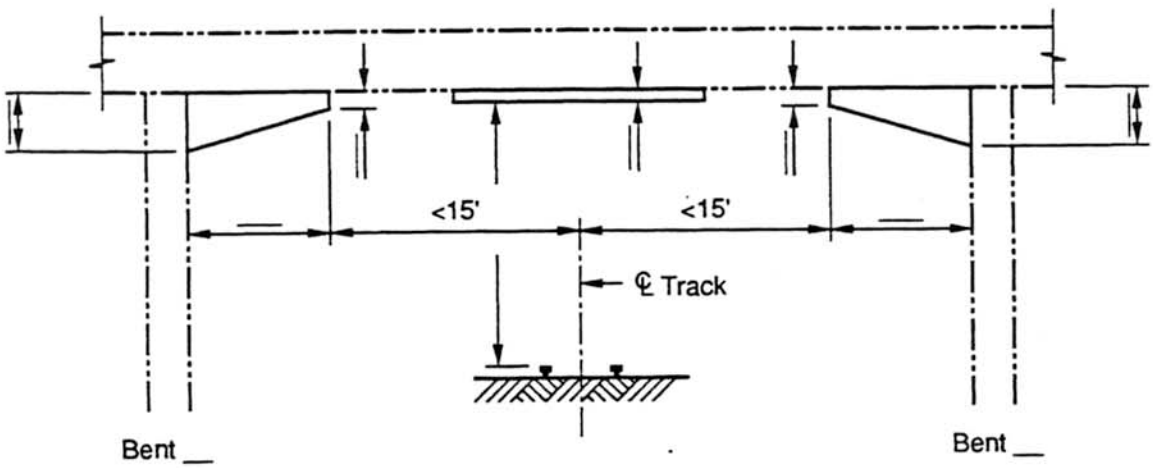
MODIFICATIONS THAT AFFECT RAILROAD CLEARANCE

Railroad companies keep an inventory of clearances over and adjacent to their tracks to select routing of special oversize shipments. Some of our plans for earthquake retrofit or other modification do not specifically indicate if the work will alter the clearances.

When work on a structure over a railroad will reduce the vertical clearance within 15' of the centerline of tracks, show a clearance diagram normal to tracks, with note:

Clearances based on track location shown on "As Built" plans or Bridge Book record dated _____.



Sample Sketch

Where new hardware will project below the bottom of existing girders near the bents but will be at least 15' clear normal to the centerline of track, no clearance diagram is required. Show the following note:

Work on this structure will not change horizontal clearances, and there will be no reduction in vertical clearances within 15' of the ℄ of tracks as noted on "As Built" plans or Bridge Book record dated _____.

Where proposed work will not reduce the present vertical or horizontal clearance to the railroad tracks, note this on the plans, i.e.:

Work on this structure will not change the present vertical or horizontal clearances to the railroad tracks.

Philip C Warriner

Guy D. Mancarti

GDM:mp

Supersedes Memo to Designers 17-106 dated September 1983.