



GDOT Publications

Policies & Procedures

Policy: 4465-4- Survey Procedures for Highway Bridges Over Railroads

Section: Surveys

Office/Department: Office of Design Policy & Support

Reports To: Division of Engineering

Contact: 404-631-1000

The Department has experienced situations where the Railroads have questioned our design for drainage along their tracks. These questions are most often directed at the areas under the proposed bridge. These questions are usually caused by Railroad personnel not being able to adequately determine existing drainage. To avoid any delays that are caused by their concern, the following minimum requirements for survey are to be followed:

- A. The alignment of the track or tracks will be established and referenced to the project's survey centerline. The intersection of the track centerline and project centerline will be referenced to a milepost. This reference is to be given in the following format: 1000 ft. north of milepost 641, etc.
- B. A minimum of five (5) cross sections will be taken perpendicular to the track centerline. The location of these cross sections for preconstruction will be as follows:
 1. The intersection of the project centerline and the centerline of one track.
 2. The proposed highway right-of-way limits.
 3. A point mid-way between the intersection point and the highway right-of-way limits. This mid-point does not have to be exactly halfway and in fact should be an even 100 ft. or 50-ft. station.
- C. The cross sections will be measured a minimum of 100 ft. each side of the track. If the location has multiple tracks, measure cross sections 100 ft. beyond the centerline of the outer most track. The cross sections are to include a top of rail measurement on each track.

These are the minimum requirements. The survey crew chief will determine on site if additional measurements are necessary.

If there are any questions concerning this policy, please contact the Statewide Location Bureau at 404-699-4401.

References:

None.

History:

office name change: 08/21/13; added to Manual of Guidance: 01/25/88

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