

Right-angle bridge with sloping section

Three approach slab options are provided. Plan A is to be used for right angle bridges. Plan B is to be used for bridges with skews less than or equal to 45 degrees. This option is not appropriate when ...

Provide excavation support whenever the 2:1 slope line would be disturbed in the placement of the structure. Excavation support must not be closer to track than toe of ballast slope.

The sloping bridge abutments editor is used to supplement the bridge deck information. Whenever bridge abutments are protruding towards the main channel (sloping inward abutments), it...

The TYPICAL SECTION sheet provides specific details for the bridge or retaining wall section. Do not clutter this sheet; instead, use additional sheets for special deck details, slab reinforcing layouts, ...

Bridges crossing obstacles at a right angle in plan are more economical than skew crossings (shorter bridge). Orthogonal crossings are usually also aesthetically preferable, particularly in case of river ...

The deflection angle is called a right deflection or a deflection to the right if the ahead baseline tangent is rotated clockwise from the back baseline tangent.

Except in the instance of normal crown section, "normal" is used in the sense of perpendicular (at right angles). Directions such as left/right, back/ahead, in/out, or begin/end are with respect to ahead ...

The online PDF version of the VDOT Road and Bridge Standards is the official set of standard drawings for all VDOT projects.

In Divisions 1, 2 and 3, consult with the Soils and Foundation Section for the recommended end bent slopes prior to laying out the bridge. The minimum grade on a structure shall be 0.2%. Any proposed ...

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