

SPECIAL PROVISION FOR PROTECTION OF RAILWAY INTERESTS

drainage pipes or structures under or adjacent to tracks, and any other structures or construction, including the driving of piles or sheeting, adjacent to tracks to provide adequate lateral and vertical support for the tracks and the loads which they carry, without disturbance of track alignment and surface, and to avoid obstructing track clearances with working equipment, tools or other material. The procedure for doing such work, including need of and plans for excavation and shoring, shall first be approved by the Railroad Engineer, but such approval shall not relieve the Contractor from liability. Before submission of plans to the Railroad Engineer for approval, such plans shall first be reviewed by the Department's Office of Bridge and Structural Design. Shoring plans submitted must be prepared, signed and sealed by a Registered Professional Engineer in the state of Georgia.

E. Demolition, Erection, Hoisting:

- (1) Railroad tracks and other railroad property must be protected from damage during the procedure.
- (2) The contractor is required to submit a plan showing the location of cranes, horizontally and vertically, operating radii, with delivery or disposal locations shown. The location of all tracks and other railroad facilities as well as all obstructions such as wire lines, poles, adjacent structures, etc. must be shown.
- (3) Crane rating sheets showing cranes to be adequate for 150% of the actual weight of the pick. A complete set of crane charts, including crane, counterweight, and boom nomenclature is to be submitted.
- (4) Plans and computations showing the weight of the pick must be submitted. Calculations shall be made from plans of the existing and/or proposed structure showing complete and sufficient details with supporting data for the demolition or erection of the structure. If plans do not exist, lifting weights must be calculated from field measurements. The field measurements are to be made under supervision of the Registered Professional Engineer submitting the procedure and calculations.
- (5) A data sheet must be submitted listing the types, size, and arrangements of all rigging and connection equipment.
- (6) A complete procedure is to be submitted, including the order of lifts, time required for each lift, and any repositioning or re-hitching of the crane or cranes.
- (7) All erection or demolition plans, procedures, data sheets, etc. submitted must be prepared, signed and sealed by a Registered Professional Engineer in the state of Georgia.
- (8) The Railroad's representative must be present at the site during the entire demolition and erection procedure period.