

VIII. CROSSINGS

8.01 GRADE CROSSINGS

Where called for on the plans and/or by the Engineer, grade crossings shall be installed. Each grade crossing shall have creosoted hardwood guard timbers on both sides of the rail. These treated timbers shall be 8 or 10 inches wide and of sufficient length to provide safe crossing for the roadway width by the appropriate depth in accordance with the Standard Crossing Plans 7-5 or 7-5A in the attachments. Asphalt paving shall be used between the rails, and, for a minimum distance of 10 feet, on both sides of the centerline of the track. This asphalt paving shall be hot mix and shall meet the requirements of the governmental agency having jurisdiction.

Drive screw spikes of appropriate length for the timbers being used shall be used to install guard timber as per the Company's Standard Crossing Plans attached.

If the governmental agency having jurisdiction requires that automatic warning devices be installed at the crossing, before industry purchases and installs said devices, it will be necessary that the plans for installation for such control apparatus and equipment be submitted to the Company's Signal and Electrical Department for review and approval.

The Industry should submit complete plans to the Division Superintendent for approval and handling for preparation of agreements to permit construction for grade crossings or roads parallel to existing Company tracks or proposed Company tracks on railroad property.

Private grade crossings or roads parallel to Industry tracks must meet Company standards and will be covered under an operating agreement.

8.02 PIPELINE

All pipeline either under railway tracks, or on railway right-of-way running parallel with railway tracks, must comply with current American Railway Engineering and Maintenance-of-Way Association (AREMA) specifications for conveying flammable and non-flammable substances, Chapter 1, Part 5, Article 5.1 through Article 5.2.7. All pipeline crossings and parallel right-of-way encroachments must be approved by the Company's Chief Engineer before installation may be permitted.

For pipeline crossings concerning tracks owned and maintained by the Company, the Industry must submit complete plans for the proposed crossings to the Company for approval and handling for preparation of an agreement to cover such crossing or encroachment. Pipeline crossings shall not be attached to or located closer than fifty (50) feet to a bridge, culvert, or other major railroad structure. Reinforced concrete pipe will not be allowed except as a carrier pipe when the pipeline is operated under gravity flow and a casing pipe is provided. The jack and bore method of installation is preferred for pipelines crossing under Company tracks. Pipeline crossing applications shall be submitted to the Division Superintendent. See attachment Form 11367 for a sample application.

For pipeline crossings concerning tracks owned and maintained by the Industry, but to be operated over by the Company, the Industry must submit complete plans for the proposed crossing to the Company for approval.

No work shall be performed where crossing existing Company tracks until the Company's Division Superintendent has been notified of the proposed work schedule and a representative of the Company is available to be at the work site during the time the work is performed.

8.03 WIRE LINE

All overhead and underground cable and/or wire lines crossing the Company's tracks or encroaching on the Company's right-of-way must have approved plans prior to the commencement of the work. The wire line crossing or encroachment will be covered by an agreement between the Industry and the Company. Wire line crossing applications shall be submitted to the appropriate office of Contract Services as follows:

- a) Pennsylvania Lines LLC Properties (former Conrail) - Philadelphia
- b) Norfolk Southern Properties – Atlanta

See attachment Form 11600 for a sample application.

All overhead and underground cable and/or wire lines crossing tracks owned and maintained by the Industry but operated over by the Company must have approved plans prior to commencement of work.

No work shall be performed where crossing existing Company tracks until the Company has been notified of the proposed work schedule and a representative of the Company is available to be at the project site during the time the work is performed.

See attachment SP-1621 for clearance requirements for cable and wire crossings over railroads.

8.04 TRACK (RAIL CROSSINGS)

Rail crossings should be used as little as possible. All rail crossings must be approved by the Company. The angle of the rail crossing must be that shown on the approved plans and/or as further defined as staked in the field. Detailed manufacturer's plans and specifications must be furnished for approval by the Company.