

Designer Note: Discuss any proposed R.R. track or tie removal with Project Support. If work is to be done by our Contractor, include "Railroad Track Rail Removal" and "Railroad Ties Removal and Disposal" special provisions. If railroad ties are used in a retaining wall which is to be removed, you will also need this special provision. Also see attached EPA Policy ruling on creosote treated wood.

RAILROAD TIES REMOVAL AND DISPOSAL

Effective November 1, 1994

Revised October 1, 1995

This work shall consist of furnishing all labor, equipment and materials required for the removal and disposal off the right of way of the railroad ties at the location shown on the plans.

The following situations explain how (weathered) treated wood, when sent for disposal or reuse, are covered by I.E.P.A. regulations.

The waste classification of the railroad ties is dependent upon the physical appearance of the tie. Railroad ties are commonly preserved with Cresol, Pentachlorophenol, or CCA (Copper, Chromium, and Arsenic). These compounds could exhibit the characteristics of a Resource Conversation and Recovery Act (RCRA) hazardous waste.

Each railroad tie that is completely dry and shows no visible wood treatment (Cresol or Pentachlorophenol) residue is considered a solid waste and can be disposed of as demolition debris. Any railroad tie that contains visible wood treatment residue should be sampled and analyzed to determine the toxicity characteristics using the toxicity characteristics leaching procedure (TCLP) test method. The railroad tie is considered an RCRA hazardous waste if the toxicity characteristics exceed 200 milligrams per liter (mg/l) for either o-Cresol, m-Cresol, p-Cresol, or total Cresol; 200 mg/l for Chromium; and 5.0 mg/l for Arsenic (35 Illinois Administration Case 721.124). The Contractor shall be responsible for the proper disposal of RCCA hazardous waste.

This work shall be done in accordance with the applicable portions of Section 202 of the Standard Specifications and as directed by the Engineer.

This work will be paid for as extra work in accordance with Article 109.04 of the Standard Specifications.