

Section 2517. Railroad Approach Sections

2517.01 DESCRIPTION.

Construct pavement sections at junctures of railroad according to the contract documents.

2517.02 MATERIALS.

For construction of railroad approach sections, meet the requirements of [Divisions 23](#) and [41](#) for the respective material.

A. PCC Paving Projects.

Use either Class C PCC or the same class PCC as specified for the pavement.

B. HMA Paving Projects.

Use an HMA mixture that is one mix level above the approaching surface course. Use PG 64-22 asphalt binder.

2517.03 CONSTRUCTION.

A. PCC Paving Projects.

1. Form, place, finish, and cure the PCC according to [Section 2301](#).
2. The Engineer may require the railroad approach section to be placed one lane at a time for the convenience of the traveling public. When the header slab is constructed in two sections, construct a centerline joint as shown in the contract documents. When the joint is not provided for, place 1/2 inch (No. 15) tie bars no more than 4 feet (1.2 m) apart and extend them no less than 18 inches (450 mm) into each section.

B. HMA Paving Projects.

Place the HMA according to [Article 2303.03, C, 4](#), with maximum 2 inch (50 mm) lifts. Compact according to [Article 2303.03, C, 5](#), Class II.

2517.04 METHOD OF MEASUREMENT.

Measurement will be as follows:

A. Railroad Approach Section, PCC.

Square yards (square meters) shown in the contract documents.

B. Railroad Approach Section, HMA.

Square yards (square meters) shown in the contract documents.

2517.05 BASIS OF PAYMENT.

Payment will be the contract unit price as follows:

A. Railroad Approach Section, PCC.

1. Per square yard (square meter).
2. Payment is full compensation for:

- Excavation for modified subbase and subdrain,
- Furnishing and installing subdrain,
- Furnishing and installing subdrain outlet,
- Furnishing and placing porous backfill material,
- Furnishing and placing modified subbase backfill material, and
- Furnishing and installing reinforcing steel, tie bars, and dowel assemblies.

B. Railroad Approach Section, HMA.

1. Per square yard (square meter).
2. Payment is full compensation for:
 - Asphalt binder and tack coat,
 - Excavation, modified subbase, and subdrain,
 - Furnishing and installing subdrain,
 - Furnishing and installing subdrain outlet,
 - Furnishing and placing porous backfill material,
 - Furnishing and placing modified subbase backfill material,
 - Furnishing and installing fiber board barrier, and
 - Furnishing, placing, and compacting HMA.