

207 - OVERHAUL

SECTION 207

OVERHAUL

207.1 DESCRIPTION

Overhaul is authorized hauling beyond the free-haul limit.

The free-haul limit is the specified distance the excavated material is hauled without additional compensation. Unless otherwise provided in the Contract Documents, the free-haul limit is 2,000 feet.

Excavated material that is hauled and deposited according to the Contract Documents, regardless of the length of the haul, is eliminated from consideration as overhaul.

BID ITEM

Overhaul

UNITS

Cubic Yard/Station

207.2 MATERIALS – None specified.

207.3 CONSTRUCTION REQUIREMENTS

Haul the excavated material beyond the free-haul limit to the location authorized by the Engineer.

207.4 MEASUREMENT AND PAYMENT

The Engineer will determine the limit of free-haul from a mass diagram by fixing 2 points on the volume curve, one on each side of the neutral grade point. One point is fixed in excavation and the other in embankment (the included quantity of excavation and embankment are in balance); the distance between them is the free-haul distance. All materials within the free-haul limit are eliminated from consideration as overhaul. The overhaul distance is determined by deducting the free-haul distance from the distance between the center of gravity of the remaining mass of excavation and the remaining mass of embankment.

The Engineer will compute the overhaul quantity by multiplying the overhaul distance in Stations by the number of units of excavation in cubic yards hauled.

The Engineer may use an analytical method in lieu of the mass diagram method to determine the overhaul. The Engineer may use vehicle measurement to determine the quantity of material hauled.

If required, the Engineer will add the item of "Overhaul" to the contract.

The Engineer will pay for the completed and accepted "Overhaul" at the contract set unit price of \$0.03 per cubic yard per station.