

81500

815.00

Designer Note: Check with Operations (Traffic) prior to including this special provision. Intended to be used when conduit is trenched through stabilized shoulder to access detector loop. The pay item noted below is not currently in the coded pay item book. Discuss with the District Estimator prior to use. Pay Item No. is X8190205.

**TRENCH AND BACKFILL, SPECIAL FOR CONDUIT INSTALLATION BENEATH HOT-MIX ASPHALT SHOULDERS**

Effective: March 21, 1994      Revised: November 6, 2020

This work shall consist of constructing a trench beneath the hot-mix asphalt paved shoulder and backfilling it.

The trench shall be constructed in accordance with and at the locations specified in the plans or as directed by the Engineer. The sides of the trench shall be saw-cut through the full depth of the hot-mix asphalt shoulder material.

The trench shall be not less than 24" (600 mm) in depth. The width shall be as required to accommodate the appropriate number of conduits required at each specified location. The bottom of the trench shall be tamped and the trench inspected by the Engineer before the conduits are placed in the trench.

All trenches shall be backfilled as soon as possible after the installation of the conduits. The trench shall be backfilled in accordance with Section 208 of the Standard Specifications. Cinders, rocks, or other deleterious materials will not be permitted in the backfilling material.

Backfilling materials shall be deposited in the trench in layers not to exceed 6" (150 mm) in depth, and shall be thoroughly compacted with a mechanical tamper before the next layer is deposited in the trench.

Hot-Mix Asphalt surfacing shall be used to restore the shoulders to the existing grade. The bituminous material shall be compacted and finished as directed by the Engineer.

This work will be paid for at the contract unit price per Foot (Meter), measured in place along a line perpendicular to the roadway centerline and between the edge of pavement and the outside edge of the shoulders, for TRENCH AND BACKFILL FOR ELECTRICAL WORK (SPECIAL).