

805-T-195 PREFORMED PAVE-OVER LOOPS

(Revised 04-25-21)

Description

This work shall consist of furnishing and installing preformed pave-over loop vehicle detection, as specified in the plans.

Materials

Preformed pave-over loops shall be designed for use with HMA, SMA, or PCCP as applicable. Preformed pave-over loops shall be selected from the QPL of Traffic Signal and ITS Devices.

All components of preformed pave-over loops designed for HMA paved-over application shall have a minimum temperature rating of 300°F.

The size of a preformed pave-over loop shall be 6 ft diameter, 18.9 ft circumference round or 6 ft octagonal, 20 ft perimeter. The loops placed in the same lane shall be spaced 15 ft from the center of one loop to the center of the next loop.

Preformed pave-over loops may be constructed as a single loop or as 2, 3, or 4 loops in series. Each individual loop shall be wired with 4 turns of wire unless otherwise specified. Loops constructed in a series shall also be wired in series.

Construction Requirements

Loop wire shall be installed in accordance with 805.09. Preformed pave-over loops may be installed as 1, 2, 3, or 4 loop configurations. Pave-over loops shall be secured in place prior to paving.

Method of Measurement

Preformed pave-over loops will be measured by the number of loops placed. Each loop will be measured only once, regardless of the number of signal cable turns. Signal cable from preformed pave-over loops to handholes, detector housings or from loop to loop will not be measured for payment.

Basis of Payment

Preformed pave-over loops will be paid for at the contract unit price per each.

Payment will be made under:

Pay Item**Pay Unit Symbol**

Signal Cable, Preformed Pave-Over LoopEACH

The cost of signal cable from preformed pave-over loops to handholes, detector housings or from loop to loop shall be included in the cost of the preformed pave-over loop.