

## X1400216 LAYER II (DATALINK) SWITCH (LCDOT)

Effective: October 1, 2016

Revised: January 26, 2018

LC801.01

**Description:** This work shall consist of furnishing and installing a Layer II Ethernet switch used to transmit data from one traffic signal cabinet to another traffic signal cabinet containing a Layer II switch or a Layer III (Network) switch.

**Materials:** The Layer II switch shall be a Cisco IE-2000-8TC-B Industrial Ethernet Switch with SFPs. The Layer II (Datalink) Switch shall be procured from the County's PASSAGE Consultant. The PASSAGE Consultant shall program this equipment for the appropriate location in the County's communication network.

**General:** The Layer II switch and its power supply shall be mounted to either a standard DIN rail or an equipment mounting channel in the cabinet. The power supply shall be hard-wired to the cabinet power, not plugged into one of the traffic signal cabinet power outlets.

**Basis of Payment:** This item will be paid for at the contract unit price each for LAYER II (DATALINK) SWITCH. *The unit price shall include all equipment, materials, and labor required to furnish and install the switch, including all necessary connectors, cables, fiber optic jumpers, hardware, software, and other peripheral equipment required to place the switch in operation to the satisfaction of the Traffic Engineer.*