

- C. Detector Cable:
1. The cable must guarantee delivery of the necessary quality signal from the optical detector to the phase selector over a *non-spliced distance of 500 feet*.
  2. The cable must guarantee sufficient power to the optical detectors over a non-spliced distance of 500 feet.

The cost of supplying material and labor, required or shown, shall be included in the Lump Sum price bid for traffic controls and no additional payment shall be made therefore.

Fire preemption operation shall be as follows:

If the controller is in other than the fire preemption phase, and a fire preemption call is received, the green phase shall be terminated immediately followed by normal clearances before proceeding to the appropriate phase shown on the plans. The controller will remain in the preemption phase until the signal is released and then shall go through clearance and return to normal operation.

ITEM 823.70   HIGHWAY LIGHTING POLE AND LUMINAIRE REMOVED AND RESET   EACH

The work to be done under this item shall conform to the relevant provision of Section 820 of the Standard Specifications and the following:

The work shall include the removal of existing light pole, base foundation, and conduit within the area of full depth pavement. A reinforced concrete foundation shall be constructed in the location as indicated on the plans. The foundation shall be in accordance with The Massachusetts Standard Drawings for Traffic Signal and Highway Lighting.

All conduit and wiring shall be installed in accordance with the standard specifications by a state licensed electrician.

The contractor shall submit to the engineer a list of equipment and foundation which he/she plans to install.

Payment for work under this item shall be at the contract unit price, each, which shall include all equipment, materials, labor, and incidental costs to complete the work.

ITEM 874   STREET NAME SIGN   EACH

The work to be done under this item shall conform to the relevant provision of Section 828 and 840, and the following:

The work shall include all materials, labor and equipment necessary to complete the design, construction and erection of the signs. Also included under this item is all the hardware, brackets, bolts, etc., necessary to attach the panels to steel posts.

Street name sign sizes, background color, border and legend size and color shall be as noted on the Plans.

The street name sign panels shall be mounted with their faces parallel to the streets they name in the location shown on the plans. Street name signs shall be mounted not less than 7 feet above the top of curb, either at the same height or with one immediately above the other.