

**MAINTENANCE OF TRAFFIC – REMOTELY PROGRAMMABLE PORTABLE CHANGEABLE MESSAGE SIGNS.**

**(REV 9-22-20) (7-21)**

SUBARTICLE 102-9.12 is deleted and the following substituted:

**102-9.12 Portable Changeable Message Sign (PCMS):** Furnish PCMSs or truck mounted changeable message signs that meet the requirements of Section 990 as required by the Standard Plans to supplement other temporary traffic control devices used in work zones. Ensure that the PCMS display panel is raised to a fully upright position and it visible to motorists from 1/2 mile, or a distance approved by the Engineer, under both day and night conditions. Use PCMS with a minimum letter height of 18 inches. For facilities with posted speed limits of 45 mph or less, PCMS with a minimum letter height of 12 inches may be used.

For roadways with speed limits greater than 45 mph, the message displayed on the PCMS must be unobstructed from 800 feet. For roadways with speed limits of 45 mph or less, the message displayed must be unobstructed from 650 feet.

Furnish remotely programmable PCMS (RPPCMS) at locations as directed by the Department. Provide RPPCMS utilizing a high speed cellular data network for communication. RPPCMS must be web-based controlled and SunGuide compatible to be remotely controlled by Department staff.

SUBARTICLE 102-11.5 is deleted and the following substituted:

**102-11.15 Portable Changeable Message Sign:** The quantity to be paid at the Contract unit price will be for the number of PCMSs, RPPCMSs, or truck mounted changeable message signs certified as installed/used on the project on any calendar day or portion thereof within the Contract Time. Payment will be made for each portable changeable message sign that is used during the period beginning fourteen working days before Contract Time begins as authorized by the Engineer.

SUBARTICLE 102-13.14 is deleted and the following substituted:

**102-13.14 Portable Changeable Message Sign:** Price and payment will be full compensation for furnishing, installing, operating, relocating, maintaining and removing portable changeable message signs and remotely programmable portable changeable message signs.

SUBARTICLE 102-13.26 is expanded by the following:

Item No. 102- 99- 1 Portable Changeable Message Sign (Temporary),  
Department Controlled – per each day.