

Make the following a part of the Standard Specifications:

"SECTION 664 - RECONSTRUCT EMERGENCY TELEPHONE STATION

664.01 Description. This work shall consist of removing and disposing of an existing emergency telephone pad, relocating and constructing a new concrete pedestrian pad and curbs, and reinstalling the telephone unit and foundation in the new location as shown on the plans and in accordance with the requirements of the contract.

664.02 Materials.

(A) **General.** Furnish the materials required to complete the work of relocating the emergency telephone station.

(B) **Concrete.** Concrete for pedestrian pad, curb, and mounting pole foundation shall be Class B and conform to Section 601 - Structural Concrete.

(C) **Reinforcing Steel.** Reinforcing Steel shall conform to Section 602 - Reinforcing Steel; and Subsection 709.01(C) - Welded Wire Fabric Reinforcement.

(D) **Joint Filler.** Joint Filler shall conform to Subsection 705.01 - Joint Filler.

(E) **Existing Emergency Telephone Unit, Mounting Pole, Hardware, and Appurtenances.** The Contractor shall be responsible for repair or replacement in kind for any item(s) damaged as a result of reconstruction operations.

664.03 Construction Requirements.

(A) **Site Engineering.** The Engineer shall be notified at least 3 working days prior to commencing reconstruction work. The Contractor shall submit the exact location of the relocated telephone unit, support standard assembly and pedestrian pad in the field for acceptance. Place the emergency telephone unit a minimum clear distance of 4.5 feet outside the outer edge of the new A.C. pavement and within the highway right of way. After backfilling is completed, use or dispose of remaining excavated material according to Section 203 - Excavation and Embankment.

(B) Mounting Pole Foundation. Place mounting pole as shown on the plans. Remove the mounting pole and telephone unit at the breakaway connection prior to excavating the existing concrete foundation. Remove and dispose of existing concrete pedestrian pad. Place existing foundation in the new hole. Brace anchor pole in proper position and height until 6-inch thick concrete sleeve cures. Anchor pole shall remain plumb and breakaway plate shall remain level during curing. Cure concrete for not less than 72 hours and crown top of foundation to shed water.

(C) Pedestrian Pad. Pedestrian pad shall conform to Section 608 - Concrete Sidewalks and Section 602 - Reinforcing Steel.

(D) Emergency Telephone Installation. Install the emergency telephone unit as shown on the plans. Attach the solar panel assembly to the support standard in such a way that the panel can easily be initially oriented or adjusted during the afternoon checks to face in the optimum direction for solar recharging. Mount solar power panels at a minimum height of 12 feet above the edge of pavement elevation.

Repair damaged zinc-coated surfaces according to Subsection 501.03(G)(2) - Repairing of Damaged Zinc-Coated Surfaces.

(E) Testing. After the telephone unit and support standard assembly have been reinstalled and before acceptance, the Engineer's representative will test the unit in the field.

If any abnormal or out-of-tolerance operation is noted while measuring and checking the above items, adjust or repair the unit. Repeat seven-day maintenance checks if any of the following components are replaced as a consequence of required repairs: antenna, solar panel, battery pack, controller card, and transreceiver.

664.04 Method of Measurement. The Engineer will not measure the reconstructed emergency telephone station for payment.

664.05 Basis of Payment. The Engineer will pay for the accepted reconstructed emergency telephone station on a contract lump sum basis complete in place. The price includes full compensation for: excavating, backfilling and grading; disassembling and reassembling the mounting pole; removing and disposing the existing concrete pedestrian pad; relocating the existing foundation; placing bed course material; constructing the concrete foundation sleeve, pedestrian pad, and curbs complete in place; reorienting the solar panel assembly; required adjustments and/or repairs to the telephone unit and components; and furnishing all materials, labor, equipment, tools and incidentals necessary to complete the work.

The Engineer will make payment under:

Pay Item	Pay Unit
Reconstruct Emergency Telephone Station	Lump Sum"

END OF SECTION