591   LANDSCAPE IRRIGATION SLEEVES.
      (REV 11-12-19) (FA 1-7-20) (7-20)

   The following new Section is added after Section 571.

591-1 Description.
   Furnish and install landscape sleeves for irrigation pipes and wires in accordance
with the Plans and Standard Plans, Index 591-001.

591-2 Materials.
   Meet the following requirements:
      Schedule 40 Polyvinyl Chloride (PVC) pipe ..... Section 630

591-3 Installation Requirements.
      591-3.1 General: Construct sleeves along a straight alignment at the
location and depth shown in the Plans. Deviations in location or alignment may be made
with prior approval of the Engineer. Provide a minimum of 24 inches between irrigation
sleeves and other utilities.
      591-3.2 Backfill: Backfill in accordance with Section 120.
      591-3.3 Coated Conductive Tape: Install coated conductive tape directly
above the sleeves with the repeated warning of “CAUTION WATER LINE BURIED
BELOW,” unless otherwise shown in the Plans.
      591.3.4 Pull String: Install a continuous No. 12 American Wire Gauge
pull wire or polypropylene cord within the full length of all sleeves. Ensure that a
minimum of 36 inches of pull string is accessible at each sleeve termination.
      591.3.5 Sleeve Terminations: Terminate the sleeves as shown in
Standard Plans, Index 591. Fit sleeve caps at all terminations with a removable PVC
threaded or slip cap.
            Install a survey marker cap fastened to a 18 inch by 24 inch long permanent
marker made of No. 5 rebar, a steel survey stake, or 4 inch square concrete monument
above the terminating end of all sleeve pairs. Ensure that the top of cap is flush to grade
with message “IRRIGATION SLEEVE” permanently imprinted on the top of monument,
and will not peel, fade, or deteriorate.

591-4 Method of Measurement.
   The quantity to be paid will be the plan quantity of landscape irrigation sleeve in
place and accepted. No separate payment will be made for contractor’s choice of
installation method.

591-5 Basis of Payment.
   Price and payment will be full compensation for all work specified in this Section.
   Payment will be made under:
      Item No. 591-1-   Landscape Irrigation Sleeve - per foot.