



**SPECIAL PROVISIONS
FOR
CONCRETE LIGHT BASES**

**Clayton County
STPN-076-1(16)--2J-22**

**Effective Date
November 16, 2021**

THE STANDARD SPECIFICATIONS, SERIES 2015, ARE AMENDED BY THE FOLLOWING MODIFICATIONS AND ADDITIONS. THESE ARE SPECIAL PROVISIONS AND THEY SHALL PREVAIL OVER THOSE PUBLISHED IN THE STANDARD SPECIFICATIONS.

150765.01 DESCRIPTION.

Provide forming and installation of concrete bases for streetlights at locations indicated on plans.

150765.02 MATERIALS.

- A.** Concrete: Use Class C concrete complying with Section 2403 of the Standard Specifications as well as all related sections. Inspection shall be per Iowa DOT Materials I.M.s.
- B.** Reinforcing steel: Comply with Section 4151 of the Standard Specifications for epoxy coated reinforcement.
- C.** Forms: Comply with Section 2403 of the Standard Specifications.
- D.** Anchoring: Furnish anchor rods conforming to ASTM F 1554 grade 105, ASTM A 563 nuts, and ASTM F 436 washers.
- E.** Electrical Conduit: Use Schedule 40 PVC electrical conduit.

150765.03 CONSTRUCTION.

- A.** Reinforcing steel: comply with Section 2404 of the Standard Specifications. Provide a minimum 2 inches of cover on all reinforcing steel.
- B.** Concrete Base and Forms: Construct concrete light base per plans. Top of concrete base shall match elevation of surrounding sidewalk.
- C.** Anchoring: Provide anchoring rods to match the existing streetlight base plate bolt pattern. Provide leveling nut/washer and securing nut and washer. The bottom of the lowest leveling nut should not be more than 1 inch from the concrete surface. Wait until the concrete has attained the anchor manufacturer recommended compressive strength or 7 calendar days before installing

masonry anchors.

150765.04 METHOD OF MEASUREMENT.

Each concrete light base acceptably completed shall be counted.

150765.05 BASIS OF PAYMENT.

- A. Payment will be at the unit price for each concrete light base completed.
- B. Unit price includes full compensation for providing concrete bases; for embedded conduit and electrical components; for anchor templates, rods, nuts, and washers; for bar steel reinforcement; and for drilling and backfilling.