

Section 02581

STREET LIGHTING CONDUIT

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Pull box and conduit installation for electrical service to thoroughfare streetlights.

1.02 MEASUREMENT AND PAYMENT

- A. Unit Prices.
 - 1. Payment for conduit is on linear foot basis measured horizontally between pull holes, pull boxes and terminal poles.
 - 2. Refer to Section 01270 - Measurement and Payment for Unit Price Procedures.
- B. Stipulated Price (Lump Sum). If Contract is Stipulated Price Contract, payment for work in this section is included in total Stipulated Price.

1.03 REFERENCES

- A. Houston Lighting and Power (HL&P) Specification Number 007-371-08. Specification for Installation of Conduit System for Thoroughfare Street Lighting.

PART 2 PRODUCTS

2.01 MATERIALS

- A. HL&P furnished material:
 - 1. Materials Specifications in Paragraph 3.0 of HL&P Specifications Number 007-371-08.
- B. Provide following material:
 - 1. Materials specified in Paragraphs 7, 8, and 9 of HL&P Specifications number 007-371-08.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify lines and grades are correct. Determine if existing underground utilities or other obstructions may conflict with conduit installation shown on Drawings. Notify City Engineer of potential conflicts.

3.02 PREPARATION

- A. Order pull boxes and warning tape from HL&P Customer Relations Representative three working days in advance of need. Verify requirements for "driveway" pull boxes for concrete areas subject to vehicular traffic and confirm total number of pull boxes required with HL&P Customer Relations Representative.
- B. Obtain HL&P furnished materials Tuesday through Friday, excluding holidays, from Street Light Office at Tomball Park Service Center, 104 North Greenwood, Houston.

3.03 INSTALLATION

- A. Notify HL&P streetlighting Engineer at least 2 working days in advance of scheduled conduit installation.
- B. Install conduit in accordance with Paragraphs 7 through 9 and drawings pages 9 through 12 of HL&P Specification Number 700-371-08.

3.04 QUALITY CONTROL

- A. Correct nonconforming conduit and pull box installations and obtain written notification from inspector that installation meets HL&P requirements.
- B. Forward one copy of notification to HL&P Customer Relations Representative.

3.05 PROTECTION

- A. Protect conduits and pull holes from damage or blockage until streetlight and circuit installation by HL&P.
- B. Clear blockage in conduits prior to HL&P circuit installation.

END OF SECTION