

Item No. **16550S**
Street Light Standard Foundations

16550S.1 Description

This item shall govern the construction of Street Light Standard Foundations consisting of reinforced concrete. Foundations shall be of the size and shape as indicated on the Drawings.

This specification is applicable for projects or work involving either inch-pound or SI units. Within the text and accompanying tables, the inch-pound units are given preference followed by SI units shown within parentheses.

16550S.2 Submittals

The submittal requirements of this specification item include:

- The foundation plan and drilling/excavation details;
- P.c. concrete mix, Class A design; and
- Reinforcing steel details and placement plans.

16550S.3 Materials and Construction Methods

All Portland Cement (PC) Concrete, materials and construction methods shall conform to Standard Specification Item No. 420, "Drilled Shaft Foundations". P.c. concrete for foundations shall be Class A, conforming to Standard Specification Item No. 403S, "Concrete for Structures". Reinforcing steel shall be grade 40 (40,000 psi) [SI grade 300 (275 megaPascals)] and shall conform to Standard Specification Item No. 406, "Reinforcing Steel".

16550S.4 Measurement

Street Light Standard Foundations shall be measured as each item complete in place.

16550S.5 Payment

Light Standard Foundations shall be paid for at the unit bid price per each. The unit bid price shall include full compensation for a) all excavations and any necessary pumping; b) furnishing, placing and removing required casings; c) furnishing and placing all concrete, reinforcing steel, anchor bolts, conduit and ground rods, d) all backfilling and e) furnishing all tools, labor, equipment and incidentals necessary to complete the work. No extra payment will be made for casings left in place.

Payment will be made under:

Pay Item No. 16550S:	Street Light Standard Foundation	Per Each
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End

<u>SPECIFIC</u> Cross Reference Materials
Standard Specification Item No. 16550S, "Street Light Standard Foundations)

City of Austin Standard Specifications

<u>Designation</u>	<u>Description</u>
Item No. 403S	Concrete For Structures
Item No. 406	Reinforcing Steel
Item No. 420	Drilled Shaft Foundations

<u>RELATED</u> Cross Reference Materials

City of Austin Standard Specification Items

<u>Designation</u>	<u>Description</u>
Item No. 16120S	Wiring

Texas Department of Transportation: Standard Specifications for Construction, Maintenance Of Highways, Streets and Bridges

<u>Designation</u>	<u>Description</u>
Item No. 440	Reinforcing Steel

American Society for Testing and Materials (ASTM)

<u>Designation</u>	<u>Description</u>
A-615/615M	Standard Specification for Deformed and Plain Billet-Steel Bars for Concrete Reinforcement