

**Item No. 461S  
Trash and Litter Coffins**

**461S.1 Description**

This item shall govern furnishing and placing concrete trash coffins and their foundations in conformance with the details indicated on the Drawings. Unless indicated otherwise on the drawings or directed by the Engineer or designated representative, the Contractor shall have the option of furnishing cast in place or precast coffins.

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.

**461S.2 Submittals**

The submittal requirements of this specification item include:

- A. Construction details.
- B. Installation Drawings.

**461S.3 Materials**

**(1) Concrete**

Concrete shall be Class A Concrete conforming to Item No. 403S, "Concrete for Structures".

**(2) Aggregate**

Gravel shall be river gravel of sizes, 1/2 inch to 3/8 inch (13 mm to 10 mm) in size.

**(3) Reinforcement**

Reinforcement shall conform to 6 x 6 - W 2.9 x W 2.9 (150 mm x 150 mm-MW18 x MW18) Item No. 406S, "Reinforcing Steel".

**(4) Seeding**

Seeding shall conform to Item No. 604S, "Seeding for Erosion Control".

**(5) Flexible Base**

Aggregate base materials shall conform to Item No. 210S, "Flexible Base (Crushed Stone)".

**461S.4 Construction Methods**

Concrete trash coffins shall be placed on a 4 inch (100 mm), reinforced concrete pad constructed and installed by the Contractor at the locations indicated on the Drawings or directed by the Engineer or designated representative .

Excavation and backfill for concrete pads shall conform to Item No. 401S, "Structural Excavation and Backfill" to the lines and grades indicated.

Bedding shall conform to Item No. 210S, "Flexible Base (Crushed Stone)".

All forms and forming, placement of reinforcement, placement of concrete, form removal, finishing and curing shall conform to Item No. 410S, "Concrete Structures".

The coffins shall be of a permanent and durable construction and shall be constructed to withstand all handling and installation. The ends of each coffin shall have a reinforced 1 inch (25 mm) diameter hole through which a device may be inserted for lifting the coffin and securing the trash cans in the coffin. The following are dimensions and quantity requirements:

The single size coffins shall have inside dimensions of 1 foot 7 inches (483 mm) wide x 1 foot 7 inches (483 mm) long x 2 foot 4 inches (711 mm) tall. No top or bottom is required.

The double size coffins shall have inside dimensions of 1 foot 7 inches (483 mm) wide x 3 foot 3 inches (991 mm) long x 2 foot 4 inches (711 mm) tall. No top or bottom is required.

The triple size coffins shall have inside dimensions of 1 foot 7 inches (483 mm) wide x 4 foot 6 inches (1.4 m) long x 2 foot 4 inches (711 mm) tall. No top or bottom is required.

Note: All of the above dimensions are inside dimensions. The coffin walls shall be 3 inches (75 mm) in thickness of reinforced concrete.

The Contractor shall revegetate the disturbed area conforming to Item No. 604S, "Seeding for Erosion Control".

#### **461S.5 Measurement**

Work and acceptable material for "Trash and Litter Coffins" will be measured by each of the type required, complete in place.

#### **461S.6 Payment**

The work performed and the materials furnished and measured as provided under "Measurement" will be paid at the unit price bid for "Trash and Litter Coffins", which price shall be full compensation for excavation, flexible base, concrete pad, all materials, labor, tools, equipment and incidentals necessary to complete and install the coffins.

Payment will be made under one of the following:

<b>Pay Item No. 461S-S:</b>	Trash and Litter Coffins, Single -	Per Each.
<b>Pay Item No. 461S-D:</b>	Trash and Litter Coffins, Double -	Per Each.
<b>Pay Item No. 461S-T:</b>	Trash and Litter Coffins, Triple -	Per Each.

**End**

<b>SPECIFIC CROSS REFERENCE MATERIALS</b>
Specification Item No. 405S, "Concrete Admixtures"

City of Austin Standard Specifications

Designation	Description
Item No. 210S	Flexible Base
Item No. 401S	Structural Excavation and Backfill
Item No. 403S	Concrete for Structures
Item No. 406S	Reinforcing Steel.
Item No. 410S	Concrete Structures
Item No. 604S	Seeding for Erosion Control