

ITEM 229.12

CURB CASTING FOR 12 INCH TRENCH DRAIN

EACH

Work under this item shall conform to the relevant provisions of Subsection 500 of the Standard Specifications and the following:

GENERAL

Curb Casting for 12 Inch Trench Drain are intended to allow stormwater runoff from the curb line to the planted area through a trench drain installed in the sidewalk. The curb casting will allow a break in the curb while still maintaining a continuous horizontal curb for pedestrian safety.

MATERIALS

Curb Casting for 12 Inch Trench Drain shall be Product No. C-1246T-V as manufactured by Evergrate, a division of J. R. Hoe & Sons, Inc., or approved equal. Production lead time may require the Contractor to coordinate with the manufacturer for timely acquisition prior to construction.

CONSTRUCTION METHODS

The Contractor shall excavate a sufficient area in depth and width in order to install the adjacent curb on a gravel base in accordance with the Plans.

The casting shall sit on a minimum of 6" cement concrete and be secured to the adjacent curbs with epoxy anchors as shown on the Plans.

The Contractor shall backfill the curb and curb casting with 4" HES concrete as shown on the Plans. The Contractor shall ensure the concrete will not interfere with the construction of the trench drain.

The joints between the curbs and the curb casting shall be carefully filled with cement mortar and neatly pointed on the top and front exposed portions. After pointing, the curb casting shall be satisfactorily cleaned of all excess mortar that may have been forced out of the joints.

METHOD OF MEASUREMENT

Curb Casting for 12 Inch Trench Drain will be measured for payment by the each, complete in place.

BASIS OF PAYMENT

Curb Casting for 12 Inch Trench Drain will be paid for at the contract unit price per each which price shall include all labor, materials, equipment, and incidental costs required to complete the work. No separate payment will be made for drilling into the adjacent curbs, mounting hardware, sawcutting existing pavement, excavation, grading, cement concrete base, or mortar, but all costs in connection therewith shall be included in the Contract unit price bid.

Gravel backfill will be paid for separately under Item 151.02, Gravel.

Crushed stone will be paid for separately under Item 156.12, Crushed Stone for Curb Foundation.

Concrete backfill will be paid for separately under Item 431.1, High Early Strength Cement Concrete Base Course.