

**ITEM 010110**

**Item 0101101 - YARD BASIN**

**Item 0101102 - AREA BASIN**

**DESCRIPTION**

Work under this item shall consist of constructing to line and grade New Yard or Area Basin within the locations shown, and to the details, complete, in place, and accepted by the Engineer.

**REFERENCED ITEMS**

None

**REQUIRED SUBMITTALS**

Shop Drawings:

Submit 5 copies of shop drawings for yard or area basin in accordance with the contract general requirements.

**MATERIALS**

All materials for this work shall conform to the requirements of Section M.08 or M.03 of the State of Connecticut, Department of Transportation, Standard Specifications for Roads, Bridges and Incidental Construction, Form 816, 2004.

The basin structure shall be cast-in-place or pre-cast concrete. The adapter section for basins shall be reinforced concrete slab rated for H-20 loading. The frame and grate for yard basins shall be heavy duty grate No. AG24M, or AG12M (H-20) for area basins, or approved equal.

Processed traprock for foundation shall meet the material requirements of item 0103703.

**CONSTRUCTION METHODS**

Yard and area basins shall be constructed in accordance with the Standard Construction Drawing. Outlet trap elbow and inlet stubs shall be field grouted into place. Installation of yard basins will be on private property, within temporary construction easements, at request of the home or property owner. Area basins will be constructed in paved areas or driveways. Extra care must be taken to ensure the protection of private property, trees, bushes, fences, walks, etc. Damaged private

property must be repaired or replaced to a condition equal to, or better than, that which existed prior to construction.

**METHOD OF MEASUREMENT**

This work shall be measured for payment by the number of yard or area basins built complete in place, and accepted by the Engineer.

**BASIS OF PAYMENT**

This item will be paid for at the contract unit price each "YARD BASIN" or "AREA BASIN" built complete in place. Price stated is full compensation for furnishing all labor, tools, construction equipment and material, including grates, concrete, stubs, connections, grout, trap elbow, excavation, backfill, compaction, grading, seeding, loaming, and all work and expense incidental thereto.

<b><u>PAY ITEM</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>PAY UNIT</u></b>
0101101	Yard Basin	EA
0101102	Area Basin	EA