

<u>ITEM 251.508</u>	<u>8 INCH PERFORATED DRAIN BASIN (INFILTRATION RISER)</u>	<u>EACH</u>
<u>ITEM 251.512</u>	<u>12 INCH PERFORATED DRAIN BASIN (INFILTRATION RISER)</u>	<u>EACH</u>
<u>ITEM 251.524</u>	<u>24 INCH PERFORATED DRAIN BASIN (INFILTRATION RISER)</u>	<u>EACH</u>

GENERAL

The work under these items shall comply with the relevant provisions of Sections 230 of the MassDOT Standard Specifications and the following.

The work involves installation of perforated polyvinylchloride (PVC) drain basins (infiltration risers) for drainage purposes at locations shown on the Plans and as required by the Engineer.

Submittals

The Contractor shall submit shop drawings for perforated drain basins (infiltration risers) in conformance with the details shown on the Plans and the specifications for review and approval by the Engineer prior to ordering any material.

MATERIALS

Perforated Drain Basin (Infiltration Riser) shall be SDR 35 PVC pipe in conformance with ASTM D3034 with an interior surface that is smooth and even, free from roughness, projections, indentations, offsets, or irregularities of any kind. Connecting pipe shall be joined with gasketed bell and spigot silt-tight joints. The Contractor shall refer to the Plans for requirements of infiltration riser heights and sump depths.

METHOD OF MEASUREMENT

8 Inch Perforated Drain Basin (Infiltration Riser) will be measured for payment per each, complete in place.

12 Inch Perforated Drain Basin (Infiltration Riser) will be measured for payment per each, complete in place.

24 Inch Perforated Drain Basin (Infiltration Riser) will be measured for payment per each, complete in place.

BASIS OF PAYMENT

8 Inch Perforated Drain Basin (Infiltration Riser) 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 furnishing and installing perforated drain basins (infiltration risers) and fittings, but all costs in connection therewith shall be included in the Contract unit price bid.

12 Inch Perforated Drain Basin (Infiltration Riser) 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 furnishing and installing perforated drain basins (infiltration risers) and fittings, but all costs in connection therewith shall be included in the Contract unit price bid.

24 Inch Perforated Drain Basin (Infiltration Riser) 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 furnishing and installing perforated drain basins (infiltration risers) and fittings, 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.

No. 57 stone bedding will be paid for separately under Item 156.057, Washed No. 57 Stone.