

Division 27: Sign Islands

- 27.01 SCOPE:** This work shall consist of constructing median strips, sign islands and directional island curbs in accordance with these specifications and in reasonable close conformity with the lines and grades shown on the plans or established by the Engineer. Median strips shall consist of hydraulic cement concrete or asphalt concrete curbing with a median strip of earth, earth and hydraulic cement concrete or earth and asphalt concrete.
- 27.02 MATERIALS:** For the items of work included in this Section shall conform to VDOT's Road and Bridges Specifications, dated January, 1991.
- 27.03 CONSTRUCTION METHODS:** The items of work included in this Section may be constructed with or without the use of fixed forms; however, approval for the use of slipform equipment is contingent upon the quality, shape and alignment of the section produced. Unsatisfactory performance of slipform or other mechanical equipment will be just cause for the Engineer to require the Contractor to complete the work using fixed forms and more conventional concreting procedures.

Median strip slabs, directional island curbs and curbing for median strips shall be constructed and finished in accordance with the applicable requirements of Section 502.03.

The area between the curbs of earth medians and directional island curbs shall be filled with embankment material, firmly compacted, and then brought to a grade approximately 2 inches below the top of the curbs. The final 2 inches of curb height shall be backfilled with approved topsoil. Sufficient material is to be placed between the curbs to compensate for settlement, thus leaving the earth slightly higher than the curbing. Seeding shall be performed in accordance with Section 603.

Hydraulic cement concrete sign islands shall be constructed in accordance with the applicable requirements of Section 505.03, except that joints for crack control and expansion shall be provided at all locations which coincide with joints in underlying, adjacent or integral rigid pavement or other structure.

Immediately following the finishing operations, items of hydraulic cement concrete shall be cured and protected in accordance with Section 316.04 of Virginia Department of Transportation on Road and Bridge Specifications, dated January, 1991.

- 27.04 METHOD OF MEASUREMENT:** Median strips of each specified width will be measured in linear feet parallel to the surface of the road. Sign islands will be measured in units of each or square yard, as specified in the contract, complete-in-place, exclusive of posts and signs.

Directional island curb will be measured in linear feet along the face of the curb.

- 27.05 BASIS OF PAYMENT:** When there is no excavation within the limits of the median strip, sign island, or directional island curb other than that necessary for its construction, the unit price shall include all excavation, removal of existing pavement when required, disposal of surplus material, backfill and compaction. Where excavation is necessary for the roadway, the part within the limits of the median strip, sign island or directional island will be paid for as "Regular Excavation" in accordance with Section 303 of the Virginia Department of Transportation Road and Bridge Specifications, dated January, 1991. The aforementioned prices shall be full compensation for topsoiling and seeding when required, all materials, labor, tools, equipment incidentals necessary to complete the work.

Embankment material between curb lines will be measured and paid for in accordance with Section 303 of the Virginia Department of Transportation Road and Bridge Specifications. Payment will be made under:

Pay Item

Median Strip (Standard Width)
Sign Island (Standard)
Direction Island Curb (Standard)

Pay Unit

Linear Foot
Each or Square Yard
Linear Foot