

ITEM 515

ROADWAY SHELL

- 515.1 Description. this item consists of furnishing and placing roadway shell on shoulders, entrances, detours, driveways, and intersections to the lines, grades and cross-sections shown on the plans or as directed by the Engineer.
- 515.2 Materials. The material shall be sound, durable particles of oyster shell with its, natural binding material and shall not contain excessive mudballs, clay, organic matter, or other undesirable materials. The material shall be washed and screened and when tested by ASTM C136, shall meet the following requirement for gradation:

TABLE I

Retained on 2-inch screen	0 to 5% by weight
Retained on 1-inch screen	15 to 35% by weight
Retained on 1/4-inch screen	55 to 75% by weight
Retained on No.200 mesh sieve	92 to 97% by weight

Of the binder material passing the 1/4-inch screen, 10% to 35% shall pass the 50 mesh sieve. The material passing the No. 200 mesh sieve shall be considered mud and silt and shall not exceed 8%.

When tested in accordance with ASTM D4318, the material passing the No. 40 sieve shall meet the following requirements:

Liquid Limit shall not exceed 45.
Plasticity Index shall not exceed 20.

- 515.3 Construction Methods. Road shell used for driveways, detours, entrances, etc., shall be compacted. The minimum weight of the compacted material shall be 90 pounds per cubic foot.
- 515.4 Measurement. Acceptable material shall be measured by the cubic yard. It shall be understood that 2,200 pounds shall constitute one (1) cubic yard.
- 515.5 Payment. Payment for plain shell material shall be made at the contract unit price per cubic yard of material in-place. This unit price shall include furnishing of material, hauling, dumping, compacting and all other equipment, labor, and incidentals necessary to complete the work.

There are line code(s), description(s), and unit(s) for this item.

END OF ITEM 515