

ITEM 535

ESPLANADES, MEDIANS AND DIRECTIONAL ISLANDS

535.1 Description. This item shall govern for cast-in-place concrete medians and/or concrete directional islands, constructed in conformity with the lines and grades established by the Engineer, and to the details shown on the plans and in accordance with these specifications.

535.2 Materials. All concrete and concrete ingredients shall conform to the requirements of Item 421, "Structural Concrete" or Item 360, "Concrete Pavement", except concrete used in an extrusion machine shall conform to the requirements of Item 530, "Concrete Curb, Gutter, Curb and Gutter, Sidewalks and Driveways". Joint materials shall conform to the requirements of the Item, "Concrete Structures" or the Item, "Concrete Pavement". If reinforcing steel is required by the plans, it shall conform to the requirements of the Item, "Reinforcing Steel".

535.3 Construction Methods. The median or esplanade shall be placed on the prepared foundation to the grade and dimensions specified. Forms, where required, shall be of wood or metal, straight, free of warp and of a depth equal to the depth of the required section. They shall be securely held in place, true to line and grade, during the concrete placing operations. Reinforcing steel and/or dowels if specified, shall be securely held in position.

Concrete shall be mixed and placed in accordance with Items 360, 421 and 526. Each section shall be placed to the dimensions indicated on the plans. When required by the plans, the section shall be separated from adjacent curbs or adjoining sections by expansion or construction joints of the type and size specified. When permitted by the Engineer, an extrusion machine may be used to form curbs or sections of the median or islands.

After the concrete has been struck off and has set sufficiently, the exposed surface shall be thoroughly worked with a wooden float. Exposed edges shall be rounded to the required radius by the use of edging tools.

When the concrete has set sufficiently, the forms shall be carefully removed and the surface thus exposed shall be pointed up where necessary, then wetted and rubbed with a wood block to remove all form marks and other irregularities, producing a smooth uniform finish. When directed by the Engineer, mortar consisting of one part Portland cement and two parts fine aggregate shall be used to plaster exposed surfaces. Color of concrete shall be in accordance with the Item 536, "Coloring Concrete Medians and Sidewalks".

Immediately after finishing operations are completed, the surface shall be cured in accordance with the Item 526, "Membrane Curing".

535.4 Measurement. Esplanades, Medians and Directional Islands will be measured by the linear foot or by the square yard, complete in-place.

535.5 Payment. "Esplanades, Medians and Directional Islands" constructed as prescribed above and measured as provided under measurement shall be paid for at the contract unit price bid for "Esplanades, Medians and Directional Islands", which price shall be full compensation for the construction of and for furnishing, hauling and placing all materials; for furnishing and placing reinforcing steel; for furnishing and placing joint materials; for curing and for all manipulations, labor, equipment, tools and incidentals necessary to complete the work.

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

END OF ITEM 535