

TECHNICAL SPECIFICATIONS  
FOR  
CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIAN STRIP

1. Description

- (a) This work shall consist of constructing sidewalks, driveways and median strip, except sidewalk driveways and median strip that is integrally a part of a structure, constructed of portland cement concrete, at the locations and to the dimensions, lines, grades, and cross section indicated on the Plans or as directed by the Engineer, and in conformity with the provisions and requirements set out in these Specifications.
- (b) Concrete sidewalk, driveway, and median strip shall include all the necessary excavation, unless otherwise indicated; the subgrade and subbase preparation; the backfilling; the final clearing up; and completing all incidentals thereto; as indicated on the Plans or as directed by the Engineer.

2. Materials

- (a) Materials shall meet the applicable requirements of Section 15, City of Knoxville Standard Specification for Concrete Structures together with Section 701 of the TDOTSS, January 1, 2021 and all Supplemental Specifications thereto pertaining issued prior to the advertisement for this contract.
- (b) Sampling and testing Cement Aggregates shall be performed as specified in Section 15 - 2(b) of these Specifications.
- (c) The Contractor shall use a Type IV polyurethane-bonded recycled rubber expansion joint filler 3/8" thick, conforming to AASHTO M 153.

3. Equipment and Construction Requirements

Equipment and construction shall meet the requirements of Subsection 701.03 and 701.05 through 701.12 TDOTSS, January 1, 2021 and all Supplemental Specifications thereto pertaining issued prior to the advertisement for this contract.

4. Method of Measurement

- (a) Concrete sidewalks, driveways, and medians will be measured for payment per square foot, complete in place.
- (b) The area shall be obtained from surface measurements. The area measured shall not exceed standard widths indicated on the plans, unless otherwise directed in writing by the Engineer.
- (c) Concrete sidewalks, driveways, and medians will be measured separately.
- (d) No measurement for payment will be made for excavation, subgrade preparation, jointing, jointing materials, or for backfill materials, unless the otherwise indicated on the Plans, as these are a necessary part of the construction and a responsibility to be assumed by the Contractor.

5. Basis of Payment

This item will be paid for at the Contract unit price per square foot for concrete sidewalk, driveway, and median, complete in place. The price shall be full compensation for all work, materials, labor and incidentals required to complete this item in accordance with the Plans and Specifications.