

# EXPECTED IMPLEMENTATION JULY 2019

## **522 CONCRETE SIDEWALK AND DRIVEWAYS.** **(REV 9-13-18) (FA 11-19-18) (7-19)**

SECTION 522 is deleted and the following substituted:

### **SECTION 522** **CONCRETE SIDEWALK AND DRIVEWAYS**

#### **522-1 Description.**

Construct concrete sidewalks and driveways in accordance with the Plans and the Standard Plans. Sidewalk will include curb ramps, landings, transition slopes, sidewalk curb, and edge beams.

#### **522-2 Materials.**

Meet the requirements specified in 520-2.

#### **522-3 Forms.**

Provide forms as specified in 520-3.

#### **522-4 Foundation.**

Shape and compact the foundation materials to a firm, even surface, true to grade and cross-slope. Compact areas that have been excavated more than 6 inches below the bottom of the concrete, to a minimum of 95% of AASHTO T99 density. The area to be compacted includes the area directly under and 1 foot beyond each side of the sidewalk or driveway, when right-of-way allows.

#### **522-5 Joints.**

.Install expansion and contraction joints in accordance with the Plans and the Standard Plans.

#### **522-6 Placing Concrete.**

Place the concrete as specified in 520-5.

#### **522-7 Finishing.**

**522-7.1 Screeding:** Strike-off the concrete by means of a wood or metal screed, used perpendicular to the forms, to obtain the required grade and remove surplus water and laitance.

**522-7.2 Surface Requirements:** Imprint concrete as detailed in the Plans, otherwise provide a broom finish. Ensure that the surface variations are not more than 1/4 inch under a 10 foot straightedge or more than 1/8 inch on a 5 foot transverse section. Finish the outer edges of the concrete with an edging tool having a radius of 1/2 inch.

#### **522-8 Curing.**

Cure the concrete as specified in 520-8.

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## **522-9 Method of Measurement.**

The quantity to be paid will be plan quantity, in square yards, completed and accepted.

## **522-10 Basis of Payment.**

Price and payment will be full compensation for all work specified in this Section. Excavation for new installations will be paid for under the items for the grading work on the project.

Payment will be made under:

Item No. 522-                      Concrete Sidewalks and Driveways- per square yard.

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