

2023 TECHNICAL SPECIFICATIONS
UPDATES
Summary of Changes

S-105 SAMPLING AND TESTING

1. Revised Bituminous Mixtures to require testing to be performed by the contractor to be consistent with the new KCMMB asphalt specification.

S-200 BACKFILLING FOR STRUCTURES

1. Revised section A.6 to the following: In no case shall surplus material be dumped in the channel of the stream but shall be disposed of in the embankments or as directed.

S-300 ASPHALTIC CONCRETE

1. Revised entire section to adopt KCMMB asphalt.

S-405 INTEGRAL SIDEWALK RETAINING WALL

1. Revised title to INTEGRAL SIDEWALK RETAINING WALL WITH FORMLINER.
2. Added section B. Form liner shall be 1515 SC Ashlar or approved equal. Penetrating stain shall be Sherwin Williams concrete stain solid color water based or approved equal tinted to match; Orange- Federal Standard 30257, Basic Limestone - Federal Standard 33510 (Base Color), Dark Gray 2 - Sherwin Williams 6151 Quiver Tan, Dark Gray - Federal Standard 30318, Yellow - Federal Standard 33448, Gray Joint Color - Federal Standard 36440.

S-511 UNDERDRAINS

1. Revised section A to the following: The type of pipe shall be Type H or K (per the Standard Specifications), but with a nonwoven geotextile sock which shall be a 100% continuous filament polyester nonwoven needle punched engineering fabric or as specified on the Construction Drawings. Prefabricated edge drains shall be used for residential streets and shall conform to the requirements for Class B Geocomposite as defined in ASTM D7001-06. This geocomposite product shall be composed of a flat pipe design consisting of a full circumference polyethylene core wrapped with a nonwoven Class II geotextile.

- Revised section B to the following: Granular fill material shall meet the requirements of Table 1.

TABLE 1						
% RETAINED-SQUARE MESH SIEVES						
	1"	3/4"	1/2"	3/8"	No. 4	No. 8
BEDDING MATERIAL	0	0-20	-	40-70	75-100	95-100

S-800 TRAFFIC SIGNALS

- Revised section A.4 to state the 2013 edition of AASHTO's Standard Specifications for Structural Supports for Signs, Luminaires and Traffic Signals.

S-803 PERMANENT SIGNING

- Revised section A.3 to increase the distance from the top of the stop sign to the top of the post from 20 inches to 25 inches.

S-804 STREET LIGHTING

- Revised section A.1 to include the following: The aluminum light standard including anchorage with luminaire properly installed shall be in accordance with the 2013 American Association of Highway and Transportation Officials (AASHTO) for 90 MPH wind and a luminaire size of 1.3 sq. ft. min. effective projected area weighing 55 lb min.