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#### SUPPLEMENTAL SPECIFICATIONS

### ON PAGE 63, SUBSECTION 106.03- SAMPLES, TESTS, AND CITED SPECIFICATIONS \*

Delete from the sixth paragraph "technicians" and substitute "individuals".

### **ON PAGE 67, SUBSECTION 106.07- TEST RESULT DISPUTE RESOLUTION**

Delete the first paragraph and substitute the following:

The Department or Contractor may use dispute resolution when differences between the quality control test results and the acceptance test results exceed the values specified in the Quality Assurance Special Provision (QASP) for the quality characteristics specified in Table 106.03-1 of the QASP.

## ON PAGE 114, SUBSECTION 109.03-PAYMENT FOR QUANTITY VARIATIONS, CONTRACT REVISIONS, AND DELAYS \*

Delete the operated rate formula from 109.03.C.5.f.2) and substitute the following:

$$HR = \frac{(MR + AT) \times RA \times RF}{MH} + OC$$

# ON PAGE 115, SUBSECTION 109.03-PAYMENT FOR QUANTITY VARIATIONS, CONTRACT REVISIONS, AND DELAYS \*

Delete the standby time formula from 109.03.C.5.f.3) and substitute the following:

$$HR = \frac{(MR + AT) \times RA \times RF}{MH} \times 0.5$$

### ON PAGE 156, SUBSECTION 212.03 – CONSTRUCTION REQUIREMENTS

Delete from the first full paragraph "Inlet Protection." and substitute Heading "12. Inlet Protection."

#### ON PAGE 158, SUBSECTION 212.04- METHOD OF MEASUREMENT

Delete "swale," from the first sentence of 212.04.4.

### **ON PAGE 188, SUBSECTION 405.02- MATERIALS**

Delete "AASHTO T 165" and substitute "ASTM D1075 (Replace D1074 and D2726 with AASHTO T 167 and AASHTO T 166)"

Delete "TP 68" and substitute "T 343"

## ON PAGE 191, SUBSECTION 405.03- CONSTRUCTION REQUIREMENTS \*

Delete "AASHTO T 165" and substitute "ASTM D1075"

### ON PAGE 194, SUBSECTION 405. 03- CONSTRUCTION REQUIREMENTS

Delete "AASHTO T 165" and substitute "ASTM D1075"

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ON PAGE 203, SUBSECTION 405. 03- CONSTRUCTION REQUIREMENTS	*
Delete "TP 68" and substitute "T 343"	
ON PAGE 214, SUBSECTION 405. 03- CONSTRUCTION REQUIREMENTS	*
Delete "TP 68" and substitute "T 343"	
ON PAGE 289, SUBSECTION 502.03 – CONSTRUCTION REQUIREMENTS	*
Delete from Table 502.03-5 the Percent of Design Strength of "8" for Bridge decks, top slabs of concret box culverts or stifflegs and substitute "80".	te
ON PAGE 301, SUBSECTION 502.05 - BASIS OF PAYMENT	
Delete the last sentence of the last full paragraph and substitute the following:	
Pay for concrete placed in the superstructure as Concrete Class Schedule No. 2 by "plan quantity" as specified in 109.01.	
ON PAGE 322, SUBSECTION 504.03- CONSTRUCTION REQUIREMENTS	*
In Table 503.03-2 delete the tension value "5450" for Bolt size 1.375 inch under ASTM A325 and substitute with "85450".	
ON PAGE 336, SUBSECTION 505.03- CONSTRUCTION REQUIREMENTS	*
Delete the formula from 505.03.R and substitute the following:	
$D = C \times E^{0.5}$	
ON PAGE 342, SUBSECTION 506.03- CONSTRUCTION REQUIREMENTS	*
Delete the T0 formula and substitute the following:	
$T_0 = T_x \times e^{UA + Kl}$	
Delete the definition of e and substitute the following:	
e = 2.7183 (base of Naperian logarithms)	
ON PAGE 416, SUBSECTION 621.05- BASIS OF PAYMENT	*
Delete the second pay item. (Seed Ac)	
ON PAGE 462, SUBSECTION 703.02- CONCRETE AGGREGATE	*
Delete from Table 703.02-3 the Percent Passing the No.100 sieve "3-10" and substitute "2-10".	
ON PAGE 468, SUBSECTION 703.05- AGGREGATE FOR SUPERPAVE HMA PAVEMENT	*
In Table 703.05-1 the values where columns are blank shall be the same requirement for all mixture type as shown under type SP2.	es

### ON PAGE 471, SUBSECTION 703.08-AGGREGATE FOR OPEN GRADED ROCK (ROCK CAP)\*

Delete Subsection heading and substitute: 703.08-AGGREGATE FOR OPEN-GRADED BASE

#### ON PAGE 498, SUBSECTION 708.13- CHAIN LINK FENCE

Delete from the first sentence "(3.05mm)" and substitute "(0.12 in)"

#### **ON PAGE 519, SUBSECTION 712.02- REFLECTIVE SHEETING**

Delete the text of 712.02.B.1 and substitute the following:

1. Class B. Sheet Aluminum Signs, Plywood Signs and Other Traffic Control Devices. Meet ASTM D 4956, Type IV reflective sheeting for, cones, barricades, drums, tubular markers, , vertical panels and the background, direct applied legend and borders on information signs, warning signs, guide signs and regulatory signs except for sheeted aluminum delineator reflector units which require ASTM D 4956, Type IX direct applied reflective sheeting.

#### **ON PAGE 522, SUBSECTION 712.10- FLEXIBLE POST DELINEATORS**

Delete from 712.10.2.a "IX" and substitute "IV".

#### ON PAGE 525, SUBSECTION 713.08– SIGNAL POLES

Delete from 713.08.A.2 "20 ft." and substitute "15 ft."

Delete the entire first 713.08.A.4 and substitute the following:

3A. Use current Department approved signal pole designs.

#### **ON PAGE 527, SUBSECTION 713.09– LUMINAIRE POLES**

Delete the entire 713.09.A.3 and substitute the following:

3. Use current Department approved luminaire pole designs.

## ON PAGE 536, SUBSECTION 718.05- DRAINAGE GEOTEXTILE PROPERTY REQUIREMENTS

Correct the heading of the last two columns of Table 718.05-1 to read:

#### Minimum Average Roll Values

(in weaker principal direction)

In Table 718.05-1 add the value of Grab Elongation, (%) for Type II of NA.

In Table 718.05-1 add the value of Apparent Opening Size (AOS) (Std. Sieve) for Type II of "#70 or Finer"

## ON PAGE 537, SUBSECTION 718.06- RIPRAP/EROSION CONTROL GEOTEXTILE PROPERTY REQUIREMENTS

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In Table 718.06-1 the values where columns are blank shall be the same requirement shown under Type I.

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# ON PAGE 538, SUBSECTION 718.07- SUBGRADE SEPARATION GEOTEXTILE PROPERTY REQUIREMENTS \*

In Table 718.07-1 delete the value of Apparent Opening Size (AOS) (Std. Sieve) for Type II of "#70 or Finer" and substitute "#30 or Finer" under Type II " and "#70 or Finer" under Type III.