Special Provision to Item 302
Aggregates For Surface Treatments

Texas
Department
of Transportation

For this project, Item 302, "Aggregates for Surface Treatments," of the Standard Specifications, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby.

Article 302.2., "Materials, Section 2.1. Aggregate," the fourth paragraph is voided and replaced by the following:

Furnish aggregates that meet the quality requirements shown in Table 3, unless otherwise shown on the plans. When Limestone Rock Asphalt (LRA) is used, furnish in accordance with DMS-9210, "Limestone Rock Asphalt (LRA)." Provide aggregates from sources listed in the Department's Bituminous Rated Source Quality Catalog (BRSQC). If a source is not listed in the catalog or its listed ratings do not meet requirements of the plans, material from that source may be used only when tested by the Engineer and approved before use. Allow 30 calendar days for testing of material from such sources.

Article 302.2., "Materials, Section 2.1. Aggregate," Table 2 is voided and replaced by the following:

Table 2
Aggregate Gradation Requirements (Cumulative % Retained[1])

Sieve	Grade									
	1	2	3S[2]	3		4S[2]	4	5S[2]	5[3]	4P
				Non-lightweight	Lightweight					
1"	-	-	-	-	-	-	-	-	-	-
7/8"	0-2	0	-	-	-	-	-	-	-	-
3/4"	20-35	0-2	0	0	0	-	-	-	-	-
5/8"	85-100	20-40	0-5	0-5	0-2	0	0	-	-	0
1/2"	-	80-100	55-85	20-40	10-25	0-5	0-5	0	0	0-5
3/8"	95-100	95-100	95-100	80-100	60-80	60-85	20-40	0-5	0-5	20-40
1/4"	-	-	-	95-100	95-100	-	-	65-85	-	-
#4	-	-	-	-	-	95-100	95-100	95-100	50-80	90-100
#8	99-100	99-100	99-100	99-100	98-100	98-100	98-100	98-100	98-100	97-100

1. Round test results to the nearest whole number.
2. Single-size gradation.
3. Grade 5S may be substituted for Grade 5 for LRA only, unless otherwise approved by the Engineer.

Article 302.2., "Materials, Section 2.1. Aggregate," Table 3 is voided and replaced by the following:

Table 3
Aggregate Quality Requirements

Property	Test Method	Requirement	Remarks
SAC	AQMP	As shown on the plans	
Deleterious Material, %, Max	Tex-217-F, Part I	2.0	Not required for lightweight aggregate.
Decantation, %, Max	Tex-406-A	1.5	
Flakiness Index, Max	Tex-224-F	17	Unless otherwise shown on the plans
Los Angeles Abrasion, %, Max	Tex-410-A	35	
Magnesium Sulfate Soundness, 5 Cycle, %, Max	Tex-411-A	25	
Micro-Deval Abrasion, %, Max	Tex-461-A	–	Not used for acceptance purposes. Used by the Engineer as an indicator for further investigation.
Coarse Aggregate Angularity, 2 Crushed Faces, %, Min	Tex-460-A, Part I	85	Unless otherwise shown on the plans. Only required for crushed gravel
Additional Requirements for Lightweight Aggregate			
Dry Loose Unit Wt., lb./cu. ft.	Tex-404-A	35–60	
Pressure Slaking, %, Max	Tex-431-A	6.0	
Freeze-Thaw Loss, %, Max	Tex-432-A	10.0	
Water Absorption, 24°hr., %, Max	Tex-433-A	12.0	Unless otherwise shown on plans.

Article 302.2., "Materials, Section 2.2. Precoating," the first paragraph is voided and replaced with the following:

When precoating is shown on the plans, precoat aggregate uniformly and adequately with asphalt material to the satisfaction of the Engineer. When shown on the plans, specific aggregates may be prohibited from being precoated. Meet Table 2 and 3 requirements before precoating. Furnish precoated aggregate that spreads uniformly using approved mechanical spreading equipment.

Article 302.2., "Materials, Section 2.2. Precoating," Section 2.2.1. Asphalt Material is voided and replaced with the following:

2.2.1. Asphalt Material. Precoat the aggregates with asphalt material that meets the requirements of Item 300, "Asphalts, Oils, and Emulsions." Unless a specific precoat material is specified on the plans, use any asphalt material that meets the requirements of Item 300.