

CONSTRUCTION MATERIAL SAMPLING AND TESTING MATRIX - 2 OF 2

Construction Operation	Standard Specifications		Standard Details	Applicable Testing	Frequency of Testing	
	Material Specs	Construction Specs				
Surface Course	Testing - Section 3.7					
Hot-Mix Asphaltic Concrete Pavement	Section 3.3, Part 2	Section 3.3, Part 3	ST-2, ST-3	Extraction, Gradation, Stability & Flow, Densities	1 sample per day of paving operations. Densities - one per 600 LF of paving.	
Portland Cement Concrete Pavement	Section 3.6, Part 2	Section 3.6, Part 3	ST-1, ST-4, ST-6 thru ST-9, G-7	Air Content, Slump, Compressive Strength	1 set of 4 cylinders per 150 CY but no less than 2 sets per day	
Concrete	Testing - Section 5.6					
Curb and Gutter	Section 5.1, Part 2 & 3	Section 5.3, Part 3	ST-1, ST-7, ST-15 thru ST-20, G-7	Slump, Compressive Strength	One set of 4 cylinders per placement for the first 5 placements then one set for every other placement thereafter. (max. of 2 sets per day) *Different trucks on the same site at different times of the day constitute different placements.	
Drive Approach	Section 5.1, Part 2 & 3	Section 5.4, Part 3	ST-1, ST-23A thru ST-24B, ST-26, G-7	Slump, Compressive Strength		
Valley & Fillet	Section 5.1, Part 2 & 3		ST-1, ST-18, ST-19, G-7	Slump, Compressive Strength		
Sidewalk, Curb Ramps, & Architectural Retaining Walls	Section 5.1, Part 2 & 3	Section 5.4, Part 3	ST-1, SW-1 thru SW-19, SW-21, G-7	Slump, Compressive Strength		
Concrete Lined Channel	Section 5.1, Part 2 & 3		SD-1, SD-14, G-7	Slump, Compressive Strength		
Cast-In-Place Sanitary Sewer Manholes	Section 5.1, Part 2 & 3	Section 4.8, Part 3.A.3	S-5 Note 16, S-13, G-7	Air, Slump, Compressive Strength		
Storm Sewer Manholes	Section 5.1, Part 2 & 3		SD-1, SD-10 thru SD-13 G-7	Air, Slump, Compressive Strength		
Inlets	Section 5.1, Part 2 & 3		SD-1 thru SD-7, G-7	Air, Slump, Compressive Strength		
Concrete Medians	Section 5.1, Part 2 & 3	Section 5.1, Part 3	ST-5, G-7	Slump, Compressive Strength		
Reinforced Concrete Headers	Section 5.1, Part 2 & 3	Section 5.1, Part 3	G-7	Slump, Compressive Strength		
Concrete Steps	Section 5.1, Part 2 & 3	Section 5.1, Part 3	G-7	Slump, Compressive Strength		
Retaining Walls (Structural)	Section 5.1, Part 2 & 3	Section 5.1, Part 3	G-7	Air, Slump, Compressive Strength		One set per placement



**ENGINEERING
DIVISION**



REVISIONS			
NO.	COMMENTS	BY	DATE
1	REVISE STD DETAILS AND FREQ OF TESTING	MZ	02/01/2022
##	DESCRIPTION	FL	MM/DD/YYYY

DATE
01/31/2022

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