

# CONSTRUCTION MATERIAL SAMPLING AND TESTING MATRIX - 2 OF 2

Construction Operation	Standard Specifications		Standard Details	Applicable Testing	Minimum 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	<a href="#">ST-3A</a> , <a href="#">ST-3B</a> , <a href="#">ST-3C</a> , <a href="#">ST-3D</a>	Extraction, Gradation, Stability & Flow, Densities, Thickness	1 sample per day of paving operations. Densities - one per 600 LF of paving. Thickness - each street per 1,000 LF in each lane	
Portland Cement Concrete Pavement	Section 3.6, Part 2	Section 3.6, Part 3	<a href="#">G-7</a> , <a href="#">ST-1</a> , <a href="#">ST-4</a> , <a href="#">ST-3E</a> , <a href="#">ST-3F</a> , <a href="#">ST-3G</a> , <a href="#">ST-3H</a> , <a href="#">ST-6</a> , <a href="#">ST-7</a> , <a href="#">ST-8</a> , <a href="#">ST-9</a>	Air Content (if specified) , 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	<a href="#">G-7</a> , <a href="#">ST-1</a> , <a href="#">ST-7</a> , <a href="#">ST-15</a> , <a href="#">ST-16</a> , <a href="#">ST-17</a> <a href="#">ST-18</a> , <a href="#">ST-19</a> , <a href="#">ST-20A</a> , <a href="#">ST-20B</a> , <a href="#">ST-20C</a>	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 5.4, Part 3	<a href="#">G-7</a> , <a href="#">ST-1</a> , <a href="#">ST-23A</a> <a href="#">ST-23B</a> , <a href="#">ST-24A</a> , <a href="#">ST-24B</a> <a href="#">ST-25A</a> , <a href="#">ST-25B</a> , <a href="#">ST-26</a>			
Valley & Fillet			<a href="#">G-7</a> <a href="#">ST-1</a> <a href="#">ST-18</a> <a href="#">ST-19</a>			
Sidewalk, Curb Ramps, & Retaining Walls		Section 5.4, Part 3	<a href="#">G-7</a> , <a href="#">SW-1</a> , <a href="#">SW-2</a> , <a href="#">SW-3</a> , <a href="#">SW-4</a> , <a href="#">SW-5</a> , <a href="#">SW-6</a> , <a href="#">SW-7</a> , <a href="#">SW-8</a> , <a href="#">SW-9</a> , <a href="#">SW-10</a> , <a href="#">SW-11</a> , <a href="#">SW-12</a> , <a href="#">SW-13</a> , <a href="#">SW-14</a> , <a href="#">SW-15</a> , <a href="#">SW-16</a> , <a href="#">SW-17</a> , <a href="#">SW-18</a> , <a href="#">SW-19</a> , <a href="#">SW-21</a> , <a href="#">SW-22</a> , <a href="#">SW-23</a> , <a href="#">ST-1</a>	Air (if specified) , Slump, Compressive Strength		
Concrete Lined Channel			<a href="#">G-7</a> <a href="#">SD-1</a> <a href="#">SD-14</a> <a href="#">SD-15</a> <a href="#">SD-16</a>			
Cast-In-Place Sanitary Sewer Manholes		Section 4.8, Part 3.A.3	<a href="#">G-7</a> <a href="#">S-5</a> Note 15, <a href="#">S-6</a> <a href="#">S-11</a> <a href="#">S-12</a> <a href="#">S-13</a>			
Storm Sewer Manholes			<a href="#">G-7</a> <a href="#">SD-1</a> <a href="#">SD-10</a> <a href="#">SD-11</a> <a href="#">SD-12</a> <a href="#">SD-13</a>			
Inlets			<a href="#">G-7</a> <a href="#">SD-1</a> <a href="#">SD-2</a> <a href="#">SD-3</a> <a href="#">SD-4</a> <a href="#">SD-5</a> <a href="#">SD-6</a> <a href="#">SD-7</a>	Slump, Compressive Strength		
Concrete Medians		Section 5.1, Part 3	<a href="#">ST-1</a> <a href="#">G-7</a> <a href="#">ST-5</a>			
Reinforced Concrete Headers			<a href="#">G-7</a>			
Concrete Steps			<a href="#">G-7</a>			
Retaining Walls (Structural)			<a href="#">G-7</a>	Air (if specified) , Slump, Compressive Strength	One set per placement	



## ENGINEERING DIVISION

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REVISIONS			
NO.	COMMENTS	BY	DATE
1	UPDATE STANDARD DETAILS LINKS	MZ	04/28/2025
##	DESCRIPTION	FL	MM/DD/YYYY

DATE  
01/01/2024

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