

MATERIAL SAMPLING & TESTING FREQUENCY CHART, SPECIAL SPECIFICATIONS											
PAY ITEM NUMBER	PAY ITEM DESCRIPTION	PAY ITEM UNIT	MATERIAL CODE	MATERIAL DESCRIPTION	MATERIAL PROPERTY	MINOR QUANTITY THRESHOLD	MINIMUM ACCEPTANCE SAMPLING FREQUENCY (PER PROJECT)	ACCEPTANCE SAMPLING LOCATION	SAMPLE SIZE ²	PROCEDURES ¹	
										SAMPLING METHOD	TESTING METHOD
312.0100001	FULL DEPTH RECLAMATION, CEMENT	SY	312-0001.04(b)	Full Depth Reclamation, Cement	Compressive Strength	N/A	1/1,000 LF	In-Place	2 Cylinders	ASTM D1632	ASTM D1633
			312-0001.04(f)	Full Depth Reclamation, Cement	Moisture Density	N/A	1/Project	In-Place, Berm/Window, or Stockpile	250	R 90	T 180
					Moisture	N/A		In-Place	N/A	N/A	T 310
					Density	N/A		In-Place	N/A	N/A	T 310
203.3000001	CLAY BORROW	CY	203-0001.02(a)	Clay Borrow	Gradation	N/A	1/Project	In-Place, Berm/Window, or Stockpile	50	R 90	T 11, T 27
					Liquid Limit	N/A			2	R 90	T 89
					Plasticity Limit	N/A			N/A	R 90	T 90
					Air	N/A			1 CF for compressive strength or wheelbarrow for all tests	ASTM C172	ASTM C231
525.5400001	CONCRETE SINGLE SLOPE BARRIER	LF	501	Performance Based Concrete, Class PCD	Temperature	N/A	1/50 CY (See note 4)	On-Project ⁵	N/A	N/A	ASTM C1064
			713.01	Bar Reinforcement	Compressive Strength	N/A		Stockpile On-Project	6 FT	N/A	T 244
					Ultimate Tensile Stress	N/A	1/Grade/Type ⁶				
					Yield Tensile Stress	N/A					
677.1300001	BRIDGE-MOUNTED OVERHEAD TRAFFIC SIGN SUPPORT	EA	707.01(e)(1)	Mortar, Type IV, Pre-Packaged	Compressive Strength	N/A	1/Placement	On-Project	3 Cubes	R 64	ASTM C109
			714.05	High-Strength Structural Bolts and Assemblies, 120 KSI	Ultimate Tensile Stress	N/A	1/each combination of bolt lot, nut lot, washer lot, and DTI lot (1 per each combination Tension Control Assembly Bolt production lot if used).	Original Manufacturer Shipping Container On-Project or At-Plant	2 Assemblies ³	N/A	ASTM F606
					Ultimate Tensile Stress, Wedge	N/A					ASTM F3125
					Rockwell Hardness	N/A					ASTM F606
		Rotational Capacity	N/A						ASTM F3125		
		714.09	Anchor Bolts for Signals, Lighting, and Overhead Signs	Ultimate Tensile Stress	N/A	1/each combination of anchor bolt lot, nut lot, and washer lot to be incorporated into the project.	Original manufacturer shipping container On-Project or At-Plant	1 bolt, including threads (at least 18" long)	N/A	ASTM F606	

Notes: