

El Paso County	Minimum Testing Requirements	Sht. 1
North Gate Blvd/Struthers Rd Drainage & PWQ Pond	Contractor's Quality Control	

All testing types and frequencies shall be in accordance with CDOT 2024 Field Materials Manual and/or the Pikes Peak Region Asphalt Paving Specifications (dated March 28, 2022) whichever is more stringent, except as modified herein.

Pay Item	Description	Type of Test	Sampling & Testing Frequency
203-00000	Unclassified Excavation Completed in Place		
		Moisture - Density Curve	1 per soil type
		Gradation	1 per soil type
		Atterberg Limits	1 per soil type
		In-Place Density/ % Relative Compaction	1 test per 1,000 cu yds or fraction thereof with one addition per change in material
304-06007	Aggregate Base Course (Class 6)		
		Gradation	1 per 1000 cu. Yds or fraction thereof.
		Atterberg Limits	1 per 100 cu. Yds or fraction thereof.
		Moisture - Density Curve	1 per source or soil type
		In-Place Density/ % Relative Compaction	1 per 250 cubic yards or fraction thereof.
		LA Abrasion	1 per source or soil type
		R-Value	1 per source or soil type
403-34722	Hot Mix Asphalt (Grade SX)(75)(PG 58-28)		
		Asphalt Content	1 per 500 tons or fraction thereof.
		Aggregate Moisture	1 per 500 tons or fraction thereof.
		Gradation	1 per 500 tons or fraction thereof.
		Micro Deval	1 per 500 tons or fraction thereof.
		In-place Density	1 test per 250 tons or fraction thereof of mix placed.
507-00105	Concrete Slope/Ditch Paving (Reinforced/Colored)		
		Slump, Air Content, Unit Weight, Temperature	The 1st three batches at the beginning of a day's production, plus one additional set of tests per set of cylinders
		Slump	1 per set of cylinders
		Compressive Strength	One set of 6 cylinders per 100 cu yds or fraction thereof for each day's production. Break 1 at 7 days and 3 at 28 days, hold 2 for 56 days.
601-03055	Concrete Class D (Wall)(Special)		
		Slump, Air Content, Unit Weight, Temperature	The 1st three batches at the beginning of a day's production, plus one additional set of tests per set of cylinders
		Slump	1 per set of cylinders
		Compressive Strength	One set of 6 cylinders per 100 cu yds or fraction thereof for each day's production. Break 1 at 7 days and 3 at 28 days, hold 2 for 56 days.

El Paso County	Minmum Testing Requirements	Sht. 2
North Gate Blvd/Struthers Rd Drainage & PWQ Pond	Contractor's Quality Control	

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Pikes Peak Region Asphalt Paving Spedifications (dated March 28, 2022) whichever is more stringent, except as modified herein.

Pay Item	Description	Type of Test	Sampling & Testing Frequency
603-01185 through 603-01485	18 to 48 Inch Reinforced Concrete Pipe (CIP) Also Inlets, 6" PP Underdrain, 8" horizontal drain, and outlet structure.		
604-00305 through 604-19410 604-20000 605-00060 605-01080		Moisture - Density Curve	1 per soil type
		Gradation	1 per soil type
		Atterberg Limits	1 per soil type
		In-Place Density/ % Relative Compaction	1 test every 250 LF horizontal or fraction thereof at every 2 ft vertical elevation. Plus every 2foot elevation at cleanouts, manholes,vaults and inlets.
608-00000	Concrete Sidewalk, Curp Ramp Curb/Gutter Median Cover Plow Nose		
608-00010 609-21010 609-21020 610-00020 Subgrade density testing for sidewalks, ramps and curb/gutter, median cover and plow nose should be taken 1 every 250 LF or fraction thereof		Slump, Air Content, Unit Weight, Temperature	The 1st three batches at the beginning of a day's production, plus one additional set of tests per set of cylinders
		Slump	1 per set of cylinders
		Compressive Strength	One set of 6 cylinders per 100 cu yds or fraction thereof for each day's production. Break 1 at 7 days and 3 at 28 days, hold 2 for 56 days.