

El Paso County Deer Creek Rd, Base Camp Rd, Microscope Way	Minimum Testing Requirements Contractor's Quality Assurance	Sht. 1
---	--	---------------

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
304-06000	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
403-0000	HMA (Grade S/SX)(75)(PG 64-22,64-28)		
403-33741 403-34751		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.
507-00000	Concrete Slope/Ditch Paving		
		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.
601-03030	Concrete Class D Box Culvert		
		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	Minnum Testing Requirements	Sht. 2
Deer Creek Rd, Base Camp Rd, Microscope Way	Contractor's Quality Assurance	

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
603-00000	Reinforced Concrete Pipe		
603-01185 603-02185 603-02245	Subgrade density testing for sidewalks, ramps and curb/gutter, median cover and plow nose should be taken 1 every 250 LF or fraction thereof.	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 2 ft elevation at cleanouts, manholes, vaults and inlets.
604-00000 608-00000 609-00000	Inlets, Concrete Sidewalk, Curb/Gutter Median Cover Plow Nose, , Manhole Bases		
604-00305 604-00310 608-00000 609-21010 609-21011 609-21020	609-21021 609-24002 609-24005 609-24006 609-40120 609-60011	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
	If inlets and manholes bases are cast in place on site concrete testing should be conducted according to this section.	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.