Soil Density Report

Entech Engineering
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Client:

Classic Communities
2138 Flying Horse Club Drive
Colorado Springs, CO 80921

Project:

221459
Jackson Creek Parkway & State Highway 105
Jackson Creek Parkway & State Highway 105
Monument, CO

Test Results

Subject / Overall Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor ID	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Of	Field Tech
8 / 20	Roadway Subgrade: Eastbound south turn lane on Hwy 105, 75' east of the west end.	-	At Grade	09/15/2025	P3	8.8	130.7	95	95	-2 / 2	DP/MP		BW
9 / 21	Roadway Subgrade: Eastbound south turn lane on Hwy 105, 125' east of the west end.	-	At Grade	09/15/2025	P3	7.2	141.0	102	95	-2 / 2	DP/MP		BW
10 / 22	Roadway Subgrade: Eastbound south turn lane on Hwy 105, 75' west of the east end.	-	At Grade	09/15/2025	P3	4.0	136.4	99	95	-2 / 2	DP/MP		BW
10 / 23	Storm Water: Inlet, STA 1 + 47, southeast corner of the inlet at Hwy 105 & Jackson Creek Pkwy.	4	Below Grade	09/18/2025	P1	13.6	113.4	101	95	-2 / 2	DP/MP		BW
11 / 24	Storm Water: Inlet, STA 1 + 47, southeast corner of the inlet at Hwy 105 & Jackson Creek Pkwy.	2	Below Grade	09/18/2025	P1	10.9	112.0	100	95	-2 / 2	DP/MP		BW
12 / 25	Storm Water: Inlet, STA 1 + 47, southeast corner of the inlet at Hwy 105 & Jackson Creek Pkwy.	-	At Grade	09/18/2025	P1	11.0	111.7	100	95	-2 / 2	DP/MP		BW

Remarks

DP/MP : Density Pass / Moisture Pass

Comments

Tests are "Direct Transmission" (Method A). Gauge calibration data on file with the testing Agency.

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P3	ASTM D1557 - C	Cls 6 ABC	5.4	138.1
P1	ASTM D698 - A	SC	11.6	112

09/27/2025
Reviewed by: Joey Goode, PE