Soil Density Report

Entech Engineering
505 Elkton Dr.
Colorado Springs , CO 80907
Phone: 719-531-5599

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
43 / 72	Roadway Subgrade: STA 28 + 50 on Jackson Creek Pkwy., 70' west of the southwest corner of I-25 & Jackson Creek Pkwy, turn lane.	-	At Grade	01/21/2026	P2	8.2	123.9	96	95	-2 / 2	DP/MP		MS
44 / 73	Roadway Subgrade: STA 27 + 00 on Jackson Creek Pkwy., southbound turn lane.	-	At Grade	01/21/2026	P4	8.6	120.8	97	95	-2 / 2	DP/MP		MS
45 / 74	Roadway Subgrade: STA 25 + 50 on Jackson Creek Pkwy., southbound turn lane.	-	At Grade	01/21/2026	P4	8.8	121.1	97	95	-2 / 2	DP/MP		MS
46 / 75	Roadway Subgrade: ABC, STA 23 + 00 on Jackson Creek Pkwy., southbound turn lane.	-	At Grade	01/21/2026	P3	4.1	132.8	96	95	-2 / 2	DP/MP		MS
47 / 76	Roadway Subgrade: ABC, STA 21 + 00 on Jackson Creek Pkwy., southbound turn lane.	-	At Grade	01/21/2026	P3	4.4	133.0	96	95	-2 / 2	DP/MP		MS
48 / 77	Roadway Subgrade: RBC, STA 28 + 50 on Jackson Creek Pkwy., 80' west of the southwest corner of I-25 & Jackson Creek Pkwy., turn lane.	-	At Grade	01/22/2026	P6	14.8	103.1	97	95	-2 / 2	DP/MP		MS
49 / 78	Roadway Subgrade: RCB, STA 28 + 00 on Jackson Creek Pkwy., southbound turn lane.	-	At Grade	01/22/2026	P6	14.4	103.9	98	95	-2 / 2	DP/MP		MS
50 / 79	Roadway Subgrade: RCB, STA 26 + 00 on Jackson Creek Pkwy., southbound turn lane.	-	At Grade	01/22/2026	P6	13.9	102.7	96	95	-2 / 2	DP/MP		MS
51 / 80	Roadway Subgrade: RCB, STA 24 + 00 on Jackson Creek Pkwy., southbound turn lane.	-	At Grade	01/22/2026	P6	14.0	101.9	96	95	-2 / 2	DP/MP		MS

Remarks

DP/MP : Density Pass / Moisture Pass

Comments

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

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Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P2	ASTM D1557 - A	SC	8.5	129.8
P4		SM	8.9	124.5
P3	ASTM D1557 - C	Cls 6 ABC	5.4	138.1
P6		Cls 6 R.C.	15.5	106.6

01/30/2026
Reviewed by: Joey Goode, PE