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
16 / 32	Roadway Subgrade: ABC, Jackson Creek Pkwy., northbound east lane, 175' south of Laughing Lab Way.	-	At Grade	10/21/2025	P3	4.5	132.1	96	95	-2 / 2	DP/MP		BW
17 / 33	Roadway Subgrade: ABC, Jackson Creek Pkwy., northbound east lane, 100' south of Laughing Lab Way.	-	At Grade	10/21/2025	P3	3.4	132.4	96	95	-2 / 2	DP/MP		BW
18 / 34	Roadway Subgrade: ABC, Jackson Creek Pkwy., northbound east lane, 50' north of Laughing Lab Way, at the manhole.	-	At Grade	10/21/2025	P3	5.4	130.6	95	95	-2 / 2	DP/MP		BW
19 / 35	Roadway Subgrade: ABC, Jackson Creek Pkwy., northbound east lane, 100' north of Laughing Lab Way, at the manhole.	-	At Grade	10/21/2025	P3	5.0	130.7	95	95	-2 / 2	DP/MP		BW
20 / 36	Roadway Subgrade: ABC, Jackson Creek Pkwy., northbound east lane, 150' north of Laughing Lab Way, at the manhole.	-	At Grade	10/21/2025	P3	3.4	131.5	95	95	-2 / 2	DP/MP		BW
21 / 37	Roadway Subgrade: ABC, Jackson Creek Pkwy., northbound east lane, 20' south of Laughing Lab Way.	-	At Grade	10/22/2025	P3	4.3	134.6	98	95	-2 / 2	DP/MP		BW
22 / 38	Roadway Subgrade: ABC, Jackson Creek Pkwy., northbound east lane, 100' south of Laughing Lab Way.	-	At Grade	10/22/2025	P3	5.0	130.8	95	95	-2 / 2	DP/MP		BW
23 / 39	Roadway Subgrade: Hwy 105, eastbound south lane, 155' east of Jackson Creek Pkwy.	-	At Grade	10/23/2025	P2	8.1	123.2	95	95	-2 / 2	DP/MP		BW
24 / 40	Roadway Subgrade: Hwy, 105, eastbound south lane, 200' west of the east end of the lane extension.	-	At Grade	10/23/2025	P2	9.9	122.7	95	95	-2 / 2	DP/MP		BW
25 / 41	Roadway Subgrade: Hwy 105, eastbound south lane, 90' west of the east end of the lane extenstion.	-	At Grade	10/23/2025	P2	6.5	122.7	95	95	-2 / 2	DP/MP		BW
26 / 42	Roadway Subgrade: ABC, Jackson Creek Pkwy., northbound east lane, 20' north of Laughing Lab Way.	-	At Grade	10/24/2025	P3	3.9	131.5	95	95	-2 / 2	DP/MP		BW

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27 / 43	Roadway Subgrade: ABC, Jackson Creek Pkwy., northbound east lane, 70' north of Laughing Lab Way.	-	At Grade	10/24/2025	P3	7.0	135.4	98	95	-2 / 2	DP/MP		BW
28 / 44	Roadway Subgrade: ABC, Jackson Creek Pkwy., northbound east lane, 130' north of Laughing Lab Way.	-	At Grade	10/24/2025	P3	5.0	136.6	99	95	-2 / 2	DP/MP		BW
29 / 45	Roadway Subgrade: ABC, Jackson Creek Pkwy., northbound east lane, 130' south of Hwy 105.	-	At Grade	10/24/2025	P3	4.4	133.5	97	95	-2 / 2	DP/MP		BW
30 / 46	Roadway Subgrade: ABC, Jackson Creek Pkwy., northbound east lane, 80' south of Hwy 105.	-	At Grade	10/24/2025	P3	4.1	135.3	98	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
P2	ASTM D1557 - A	SC	8.5	129.8

10/31/2025
Reviewed by: Joey Goode, PE