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

Density of Asphalt

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

Test #	Test Date	Test Location	Lift Thickness (inches)	Mix Design	Max Density (pcf)	In Place Density (pcf)	Percent Comp.	Min/Max Comp. (%)	Rem. Code	Field Tech	Retest Of
41	12/18/2025	Bottom Lift, Drive Lane: Jackson Creek Pkwy., northbound left hand lane, 6' east & 45' south of the north end of the median.	3.0	(1/2") SP75 PG 58-28 20% RAP	152.8	145.8	95	92 / 96	SP	MG	
42	12/18/2025	Bottom Lift, Drive Lane: Jackson Creek Pkwy., northbound left hand lane, 5' east & 300' south of the north end of the median.	2.0	(1/2") SP75 PG 58-28 20% RAP	152.8	144.0	94	92 / 96	SP	MG	
43	12/18/2025	Middle, Drive Lane: STA 28 + 00 on Jackson Creek Pkwy., northbound inside turn lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	141.3	92	92 / 96	SP	KH	
44	12/18/2025	Middle, Drive Lane: STA 26 + 00 on Jackson Creek Pkwy., northbound inside turn lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	140.2	92	92 / 96	SP	KH	
45	12/18/2025	Bottom Lift, Drive Lane: STA 28 + 00 on Jackson Creek Pkwy., southbound inside lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	140.2	92	92 / 96	SP	KH	
46	12/18/2025	Bottom Lift, Drive Lane: STA 26 + 00 on Jackson Creek Pkwy., southbound inside lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	140.7	92	92 / 96	SP	KH	
47	12/18/2025	Bottom Lift, Drive Lane: STA 24 + 00 on Jackson Creek Pkwy., southbound inside lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	140.7	92	92 / 96	SP	KH	
48	12/18/2025	Bottom Lift, Drive Lane: STA 22 + 00 on Jackson Creek Pkwy., southbound inside lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	140.6	92	92 / 96	SP	KH	
49	12/18/2025	Middle, Drive Lane: STA 28 + 25 on Jackson Creek Pkwy., southbound inside lane.	3.0	(1/2") SP75 PG 58-28 20% RAP	153.2	140.2	92	92 / 96	SP	KH	
50	12/19/2025	Middle, Drive Lane: STA 28 + 25 on Jackson Creek Pkwy., southbound inside lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.1	143.2	94	92 / 96	SP	JB	

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51	02/10/2026	Bottom Lift, Drive Lane: Merge lane, Hwy 105 to Jackson Creek Pkwy, southbound lane.	3.0	(1/2") SP75 PG 58-28 20% RAP	153.2	141.7	92	92 / 96	SP	DM	
52	02/10/2026	Bottom Lift, Drive Lane: STA 28 + 00 on Jackson Creek Pkwy., southbound lane.	3.0	(1/2") SP75 PG 58-28 20% RAP	153.2	141.9	93	92 / 96	SP	DM	
53	02/10/2026	Bottom Lift, Drive Lane: STA 25 + 00 on Jackson Creek Pkwy., southbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	143.2	93	92 / 96	SP	DM	
54	02/10/2026	Bottom Lift, Drive Lane: STA 21 + 00 on Jackson Creek Pkwy., southbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	140.7	92	92 / 96	SP	DM	
55	02/10/2026	Middle, Drive Lane: Merge lane, Hwy 105 to Jackson Creek Pkwy, southbound lane.	3.0	(1/2") SP75 PG 58-28 20% RAP	153.2	141.4	92	92 / 96	SP	DM	
56	02/10/2026	Middle, Drive Lane: STA 28 + 00 on Jackson Creek Pkwy., southbound lane.	3.0	(1/2") SP75 PG 58-28 20% RAP	153.2	144.9	95	92 / 96	SP	DM	
57	02/10/2026	Middle, Drive Lane: STA 24 + 00 on Jackson Creek Pkwy., southbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	140.2	92	92 / 96	SP	DM	
58	02/11/2026	Top Lift, Drive Lane: STA 25 + 00, Jackson Creek Pkwy., southbound lane, turn lane into Laughing Lab Way & Fat Tire Dr.	3.0	(1/2") SP75 PG 58-28 20% RAP	153.2	144.2	94	92 / 96	SP	DM	
59	02/11/2026	Top Lift, Drive Lane: STA 21 + 00, Jackson Creek Pkwy., southbound lane, turn lane into Laughing Lab Way & Fat Tire Dr.	3.0	(1/2") SP75 PG 58-28 20% RAP	153.2	141.0	92	92 / 96	SP	DM	
60	02/11/2026	Top Lift, Drive Lane: Merge lane, Hwy 105 to Jackson Creek Pkwy., southbound lane.	3.0	(1/2") SP75 PG 58-28 20% RAP	153.2	140.3	92	92 / 96	SP	DM	
61	02/11/2026	Top Lift, Drive Lane: STA 27 + 00 on Jackson Creek Pkwy., southbound lane.	3.0	(1/2") SP75 PG 58-28 20% RAP	153.2	143.6	94	92 / 96	SP	DM	

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62	02/11/2026	Top Lift, Joint: STA 27 + 00 on Jackson Creek Pkwy., southbound lane from merge lane.	3.0	(1/2") SP75 PG 58-28 20% RAP	153.2	144.1	94	92 / 96	SP	DM	
63	02/11/2026	Top Lift, Joint: STA 23 + 00 on Jackson Creek Pkwy., southbound lane from the turn lane into Fat Tire Dr.	3.0	(1/2") SP75 PG 58-28 20% RAP	153.2	142.6	93	92 / 96	SP	DM	
64	02/11/2026	Top Lift, Drive Lane: STA 23 + 00 on Jackson Creek Pkwy., southbound lane.	3.0	(1/2") SP75 PG 58-28 20% RAP	153.2	147.3	96	92 / 96	SP	DM	
65	02/12/2026	Top Lift, Drive Lane: Merge lane, Jackson Creek Pkwy. to Hwy 105, eastbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	146.1	95	92 / 96	SP	DM	
66	02/12/2026	Top Lift, Drive Lane: Merge lane, Jackson Creek Pkwy. to Hwy 105, eastbound lane, 400' from Hwy 105.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	140.4	92	92 / 96	SP	DM	
67	02/12/2026	Top Lift, Drive Lane: STA 28 + 00 on Jackson Creek Pkwy., northbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	146.8	96	92 / 96	SP	DM	
68	02/12/2026	Top Lift, Joint: STA 27 + 00 on Jackson Creek Pkwy., northbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	140.0	91	92 / 96	SP	DM	
69	02/12/2026	Top Lift, Joint: STA 24 + 00 on Jackson Creek Pkwy., northbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	140.8	92	92 / 96	SP	DM	
70	02/12/2026	Top Lift, Drive Lane: STA 25 + 00 on Jackson Creek Pkwy., northbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	142.2	93	92 / 96	SP	DM	
71	02/12/2026	Top Lift, Drive Lane: STA 28 + 00 on Jackson Creek Pkwy., northbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	141.1	92	92 / 96	SP	DM	
72	02/12/2026	Top Lift, Drive Lane: Intersection of Jackson Creek Pkwy & Fat Tire Dr., southeast side, westbound lane on Fat Tire Dr.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	142.4	93	92 / 96	SP	DM	
73	02/12/2026	Top Lift, Drive Lane: Intersection of Jackson Creek Pkwy & Fat Tire Dr., southeast side, eastbound lane on Fat Tire Dr.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	141.2	92	92 / 96	SP	DM	

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74	02/12/2026	Top Lift, Joint: Intersection of Jackson Creek Pkwy & Fat Tire Dr., southeast side.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	140.2	92	92 / 96	SP	DM	
75	02/16/2026	Top Lift, Drive Lane: STA 27 + 00 on Jackson Creek Pkwy., northbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	145.1	95	92 / 96	SP	DM	
76	02/16/2026	Top Lift, Joint: STA 27 + 00 on Jackson Creek Pkwy., northbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	145.3	95	92 / 96	SP	DM	
77	02/16/2026	Top Lift, Drive Lane: STA 23 + 00 on Jackson Creek Pkwy., northbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	142.9	93	92 / 96	SP	DM	
78	02/16/2026	Top Lift, Joint: STA 23 + 00 on Jackson Creek Pkwy., northbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	142.3	93	92 / 96	SP	DM	
79	02/16/2026	Top Lift, Drive Lane: STA 20 + 00 on Jackson Creek Pkwy., northbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	140.6	92	92 / 96	SP	DM	
80	02/16/2026	Top Lift, Joint: STA 20 + 00 on Jackson Creek Pkwy., northbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	146.8	96	92 / 96	SP	DM	
81	02/16/2026	Top Lift, Drive Lane: STA 26 + 00 on Jackson Creek Pkwy., southbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	141.6	92	92 / 96	SP	DM	
82	02/16/2026	Top Lift, Joint: STA 26 + 00 on Jackson Creek Pkwy., southbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	144.5	94	92 / 96	SP	DM	
83	02/16/2026	Top Lift, Drive Lane: STA 22 + 00 on Jackson Creek Pkwy., southbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	141.4	92	92 / 96	SP	DM	
84	02/16/2026	Top Lift, Drive Lane: STA 22 + 00 on Jackson Creek Pkwy., southbound turn lane onto eastbound Fat Tire Dr.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	140.3	92	92 / 96	SP	DM	
85	02/16/2026	Top Lift, Joint: STA 22 + 00 on Jackson Creek Pkwy., southbound lane/eastbound turn lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.2	143.3	94	92 / 96	SP	DM	

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Remarks

SP : Supplied Density Pass

Comments

Tests are determined using backscatter method.

03/30/2026
Reviewed by: Joey Goode, PE