Density of Asphalt

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

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
1	09/15/2025	Bottom Lift, Drive Lane: Hwy 105, eastbound south lane expansion, 120' east of the west end.	3.0	(1/2") SP75 PG 64-22 20% RAP	153.2	143.1	93	92 / 96	SP	BW	
2	09/15/2025	Bottom Lift, Drive Lane: Hwy 105, eastbound south lane expansion, 225' east of the west end.	3.0	(1/2") SP75 PG 64-22 20% RAP	153.2	146.3	95	92 / 96	SP	BW	
3	09/15/2025	Bottom Lift, Drive Lane: Hwy 105, eastbound south lane expansion, 60' west of the east end.	3.0	(1/2") SP75 PG 64-22 20% RAP	153.2	141.3	92	92 / 96	SP	BW	
4	10/08/2025	Top Lift, Drive Lane: Hwy 105, eastbound south lane, 9' north of the top back of the curb, 125' east of the north I-25 off-ramp.	2.0	(1/2") SP75 PG 64-28 20% RAP	153.0	142.4	93	92 / 96	SP	BW	
5	10/08/2025	Top Lift, Drive Lane: Hwy 105, eastbound south lane, 21' north of the top back of the curb, 150' east of the north I-25 off-ramp.	2.0	(1/2") SP75 PG 64-28 20% RAP	153.0	140.2	92	92 / 96	SP	BW	
6	10/08/2025	Top Lift, Joint: Hwy 105, eastbound south lane, 15' north of the top back of the curb, 285' east of the north I-25 off-ramp.	2.0	(1/2") SP75 PG 64-28 20% RAP	153.0	139.0	91	92 / 96	SP	BW	
7	10/08/2025	Top Lift, Drive Lane: Hwy 105, eastbound south lane, 10' north of the top back of the curb, 285' west of the light pole at the southwest corner of the intersection at Jackson Creek Pkwy. & Hwy 105.	2.0	(1/2") SP75 PG 64-28 20% RAP	153.0	141.1	92	92 / 96	SP	BW	
8	10/08/2025	Top Lift, Drive Lane: Hwy 105, eastbound south lane, 24' north of the top back of the curb, 180' west of the light pole at the southwest corner of the intersection at Jackson Creek Pkwy. & Hwy 105.	2.0	(1/2") SP75 PG 64-28 20% RAP	153.0	140.4	92	92 / 96	SP	BW	

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9	10/08/2025	Top Lift, Drive Lane: Hwy 105, eastbound south lane, 27' north of the top back of the curb, 35' east of the light pole at the southeast corner of the north I-25 off-ramp & Hwy 105.	2.0	(1/2") SP75 PG 64-28 20% RAP	153.0	141.7	93	92 / 96	SP	BW	
10	10/08/2025	Top Lift, Drive Lane: Hwy 105, eastbound south lane, 39' north of the top back of the curb, 387' east of the light pole at the southeast corner of the north I-25 off-ramp & Hwy 105.	2.0	(1/2") SP75 PG 64-28 20% RAP	153.0	140.2	92	92 / 96	SP	BW	
11	10/08/2025	Top Lift, Drive Lane: Hwy 105, eastbound south lane, 25' north of the top back of the curb, 35' east of the light pole at the southwest corner of the intersection at Jackson Creek Pkwy. & Hwy 105.	2.0	(1/2") SP75 PG 64-28 20% RAP	153.0	142.2	93	92 / 96	SP	BW	
12	10/08/2025	Top Lift, Drive Lane: Center of Jackson Creek Pkwy. & Hwy 105, westbound north lane.	2.0	(1/2") SP75 PG 64-28 20% RAP	153.3	145.1	95	92 / 96	SP	BW	
13	10/08/2025	Top Lift, Drive Lane: Hwy 105, westbound north lane, 289' east of the light pole at the northeast corner of the north I-25 off-ramp & Hwy 105.	2.0	(1/2") SP75 PG 64-28 20% RAP	153.3	143.9	94	92 / 96	SP	BW	
14	10/08/2025	Top Lift, Drive Lane: Hwy 105, westbound north lane, 130' east of the light pole at the northeast corner of the north I-25 off-ramp & Hwy 105.	2.0	(1/2") SP75 PG 64-28 20% RAP	153.3	144.3	94	92 / 96	SP	BW	
15	10/08/2025	Top Lift, Drive Lane: Hwy 105, westbound north lane, 27' south of the top back of the curb, 160' west of the light pole at the northwest corner of the intersection at Jackson Creek Pkwy. & Hwy 105.	2.0	(1/2") SP75 PG 64-28 20% RAP	153.3	145.1	95	92 / 96	SP	BW	
16	10/08/2025	Top Lift, Drive Lane: Hwy 105, middle lane, 60' north of the top back of the curb, 160' east of the light pole at the northwest corner of the north I-25 off-ramp & Hwy 105.	2.0	(1/2") SP75 PG 64-28 20% RAP	153.3	140.6	92	92 / 96	SP	BW	

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17	10/08/2025	Top Lift, Joint: Hwy 105, middle lane, 26' south of the top back of the curb, 50' east of the light pole at the northwest corner of the north I-25 off-ramp & Hwy 105.	2.0	(1/2") SP75 PG 64-28 20% RAP	153.3	138.4	90	92 / 96	SP	BW	
18	10/08/2025	Top Lift, Joint: Hwy 105, middle lane, 26' south of the top back of the curb, 35' east of the light pole at the northwest corner of the north I-25 off-ramp & Hwy 105.	2.0	(1/2") SP75 PG 64-28 20% RAP	153.3	143.8	94	92 / 96	SP	BW	
19	10/08/2025	Top Lift, Drive Lane: Hwy 105, middle lane, 38' south of the top back of the curb, 150' west of the light pole at the northwest corner of the intersection at Jackson Creek Pkwy. & Hwy 105.	2.0	(1/2") SP75 PG 64-28 20% RAP	153.3	141.6	92	92 / 96	SP	BW	

Remarks

SP : Supplied Density Pass

Comments

Tests are determined using backscatter method.

10/20/2025
Reviewed by: Joey Goode, PE