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
20	11/04/2025	Bottom Lift, Drive Lane: East most lane, 600' south & 5' west of the southeast corner of the intersection at Hwy 105 & Jackson Creek Pkwy.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.8	144.5	94	92 / 96	SP	PA	
21	11/04/2025	Bottom Lift, Drive Lane: 2nd most east lane, 500' south & 30' west of the southeast corner of the intersection at Hwy 105 & Jackson Creek Pkwy.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.8	145.2	94	92 / 96	SP	PA	
22	11/04/2025	Bottom Lift, Drive Lane: East most lane, 400' south & 5' west of the southeast corner of the intersection at Hwy 105 & Jackson Creek Pkwy.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.8	144.4	94	92 / 96	SP	PA	
23	11/04/2025	Bottom Lift, Drive Lane: 2nd most east lane, 300' south & 20' west of the southeast corner of the intersection at Hwy 105 & Jackson Creek Pkwy.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.8	143.9	94	92 / 96	SP	PA	
24	11/04/2025	Bottom Lift, Drive Lane: East most lane, 150' south & 5' west of the southeast corner of the intersection at Hwy 105 & Jackson Creek Pkwy.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.8	141.2	92	92 / 96	SP	PA	
25	11/04/2025	Bottom Lift, Drive Lane: 2nd most east lane, 50' south & 20' west of the southeast corner of the intersection at Hwy 105 & Jackson Creek Pkwy.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.8	141.7	92	92 / 96	SP	PA	
26	11/05/2025	Middle, Drive Lane: 2nd most east lane, 500' south & 20' west of the southeast corner of the intersection at Hwy 105 & Jackson Creek Pkwy.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.8	143.8	93	92 / 96	SP	PA	
27	11/05/2025	Middle, Drive Lane: East most lane, 400' south & 10' west of the southeast corner of the intersection at Hwy 105 & Jackson Creek Pkwy.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.8	142.2	92	92 / 96	SP	PA	

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28	11/05/2025	Middle, Drive Lane: 2nd most east lane, 300' south & 20' west of the southeast corner of the intersection at Hwy 105 & Jackson Creek Pkwy.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.8	143.8	93	92 / 96	SP	PA	
29	11/05/2025	Middle, Drive Lane: East most lane, 200' south & 10' west of the southeast corner of the intersection at Hwy 105 & Jackson Creek Pkwy.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.8	144.4	94	92 / 96	SP	PA	
30	11/05/2025	Middle, Drive Lane: 2nd most east lane, 100' south & 20' west of the southeast corner of the intersection at Hwy 105 & Jackson Creek Pkwy.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.8	142.2	92	92 / 96	SP	PA	
31	11/05/2025	Middle, Drive Lane: East most lane, 10' south & 10' west of the southeast corner of the intersection at Hwy 105 & Jackson Creek Pkwy.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.8	145.3	94	92 / 96	SP	PA	
32	11/05/2025	Bottom Lift, Drive Lane: Hwy 105 acceleration lane, 10' north & 300' east of the southeast corner of the intersection at Hwy 105 & Jackson Creek Pkwy.	4.0	(1/2") SP75 PG 58-28 20% RAP	153.8	142.9	93	92 / 96	SP	PA	
33	11/05/2025	Bottom Lift, Drive Lane: Hwy 105 acceleration lane, 10' north & 50' east of the southeast corner of the intersection at Hwy 105 & Jackson Creek Pkwy.	4.0	(1/2") SP75 PG 58-28 20% RAP	153.8	142.0	92	92 / 96	SP	PA	
34	11/05/2025	Middle, Drive Lane: Hwy 105 acceleration lane, 10' north & 50' east of the southeast corner of the intersection at Hwy 105 & Jackson Creek Pkwy.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.8	143.9	94	92 / 96	SP	PA	
35	11/05/2025	Middle, Drive Lane: Hwy 105 acceleration lane, 10' north & 300' east of the southeast corner of the intersection at Hwy 105 & Jackson Creek Pkwy.	2.0	(1/2") SP75 PG 58-28 20% RAP	153.8	144.6	94	92 / 96	SP	PA	

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36	11/14/2025	Bottom Lift, Drive Lane: Hwy 105, eastbound south lane, 75' east of the southeast corner of the intersection with Jackson Creek Pkwy.	2.0	(1/2") GR SX(75) PG 64-28	151.5	142.3	94	92 / 96	SP	BW	
37	11/14/2025	Bottom Lift, Drive Lane: Hwy 105 eastbound south lane, 210' east of Jackson Creek Pkwy.	2.0	(1/2") GR SX(75) PG 64-28	151.5	143.4	95	92 / 96	SP	BW	
38	11/14/2025	Top Lift, Drive Lane: Hwy 105 eastbound lane, 75' east of Jackson Creek Pkwy.	2.0	(1/2") GR SX(75) PG 58-28	151.5	139.3	92	92 / 96	SP	BW	
39	11/14/2025	Top Lift, Drive Lane: Hwy 105, eastbound lane, 150' east of Jackson Creek Pkwy.	2.0	(1/2") GR SX(75) PG 58-28	151.5	140.3	93	92 / 96	SP	BW	
40	11/14/2025	Top Lift, Joint: Hwy 105, eastbound lane, 140' east of Jackson Creek Pkwy.	2.0	(1/2") GR SX(75) PG 58-28	151.5	136.9	90	92 / 96	SP	BW	

Remarks

SP : Supplied Density Pass

Comments

Tests are determined using backscatter method.

12/05/2025
Reviewed by: Joey Goode, PE