



**CONCRETE OBSERVATION
AND TESTING**
1110 Elkton Dr. Unit B
Colorado Springs, CO 80907

Year: 2025

Project No.	23-127
Field Report No.	1
Laboratory Cylinder No.	G-2462
Date of Observation:	10/29/2025
Date Specimens in Lab:	10/30/2025

CLIENT:	Shay Miles		
PROJECT NAME:	Shay Miles On Call		
PROJECT LOCATION:	4153 Pine Hurst Cir		
CONTRACTOR:	Milestone		
Concrete Supplier:	SRM	Truck Number:	DNR
Mix Design ID:	Did not receive	Cubic yard/Load:	9.0 / 1st load
Site Water Added:	5 gal	Additive(s):	N/A
Time Batched:	N/A	Time Arrived:	3:31 PM
General Placement Location:	Water canal outlet		Time Tested:
			3:35 PM

WEATHER CONDITIONS

Temperature:	From	36 °F	to	58 °F	Atmospheric Conditions:	Sunny
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FIELD TESTING INFORMATION

	ACTUAL	SPECIFICATIONS	No. of Specimens Cast (ASTM C192):	
Slump (ASTM C-143)	5 Inches	3-5 Inches	(ASTM C192):	5
Air Content (ASTM C-231)	6.9 Percent	5-8 Percent	Specimen Size:	4x8
Wet Unit Weight (ASTM C138)	138.0 pcf	N/A pcf	Time Cylinders Cast:	3:50 PM
Temperature (ASTM C1064)	79 °F	50-90 °F	Strength (f' _c) @ 28 days:	4,500

LABORATORY COMPRESSIVE STRENGTH TEST RESULTS: (ASTM C39; C1231; C617)

Specific Pour Location:	Water outlet							
Lab. No.	G-2462	A	B	C	D	E		
Test Age (days)	7	7	28	28	28			
Test Date	11/5/2025	11/5/2025	11/26/2025	11/26/2025	11/26/2025			
Weight (lb)	8.33	8.33	8.35	8.33	8.36			
Length (in)	8.01	8.02	8.01	8.02	8.00			
Diameter (in)	4.00	3.99	4.00	4.00	4.00			
Area (in. ²)	12.57	12.50	12.57	12.57	12.57			
Load (lb)	65,130	62,800	77,960	80,210	81,950			
Failure Type*	6	5	6	6	5			
Strength (Psi)	5180	5020	6200	6380	6520			
% of f' _c	115.1%	111.6%	137.8%	141.8%	144.9%			

*Type1 = Well formed cones on both ends, Type 2 = Well formed cone on one end, Type 3 = Columnar vertical cracking on both ends
Type 4 = Diagonal fracture with no cracking, Type 5 = Side fractures at top or bottom, Type 6 = Similar to T5 but end of cylinder is pointed
Results reported are only relative to items inspected or tested. This report shall not be reproduced except with full written consent of GEG. *All tests were performed in accordance with current ASTM specifications & test methods

REMARKS: DNR = Did not receive	Field Tester: <u>P. Medina</u>
Average 28-Day Strength: 5870 psi	Checked by: <u>G. Lall</u>
Reviewed By: <u>E. Cinkosky</u>	cc:



Density of Asphalt

Client:

Project:

M.A. Infrastructure
1230 Scarsbrook Court
Monument, CO 80132

230684
Walden Preserve F5
Walden Preserve F5
Colorado Springs, CO

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

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	07/22/2024	Bottom Lift, Drive Lane: 30' west & 15' south of the southwest corner of the intersection at Pinehurst Cir. & cul-de-sac B.	2.0	(1/2") SP75 PG 58-28 20% RAP	151.9	141.7	94	92 / 96	SP	RL	
2	07/20/2024	Bottom Lift, Drive Lane: STA 40 + 00 on Pinehurst Cir., northbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	151.9	139.9	92	92 / 96	SP	RL	
3	07/20/2024	Bottom Lift, Drive Lane: 100' east of the intersection at Pinehurst Cir. & Emerson Cliff Ct., eastbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	151.9	141.2	93	92 / 96	SP	RL	
4	07/20/2024	Bottom Lift, Drive Lane: 75' east of the intersection at Pinehurst Cir. & Emerson Cliff Ct., westbound lane.		(1/2") SP75 PG 58-28 20% RAP	151.9	140.2	92	92 / 96	SP	RL	
5	07/20/2024	Bottom Lift, Drive Lane: STA 36 + 00 on Pinehurst Cir., northbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	151.9	142.8	94	92 / 96	SP	RL	
6	07/20/2024	Bottom Lift, Drive Lane: STA 42 + 00 on Pinehurst Cir., southbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	151.9	143.0	94	92 / 96	SP	RL	
7	07/22/2024	Bottom Lift, Drive Lane: 5' north & 50' east of the southeast corner of the intersection at Pinehurst Cir. & cul-de-sac B.	2.0	(1/2") SP75 PG 58-28 20% RAP	151.9	140.7	91	92 / 96	SP	RL	
8	07/22/2024	Bottom Lift, Drive Lane: 5' south & 100' east of the southeast corner of the intersection at Pinehurst Cir. & cul-de-sac B.	2.0	(1/2") SP75 PG 58-28 20% RAP	151.9	141.6	94	92 / 96	SP	RL	
9	07/22/2024	Bottom Lift, Drive Lane: STA 30 + 00 on Pinehurst Cir., southbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	151.9	140.8	93	92 / 96	SP	RL	
10	07/22/2024	Bottom Lift, Drive Lane: STA 25 + 00 on Pinehurst Cir., northbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	151.9	140.0	92	92 / 96	SP	RL	
11	07/22/2024	Bottom Lift, Drive Lane: STA 20 + 00 on Pinehurst Cir., northbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	151.9	143.0	94	92 / 96	SP	RL	



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12	07/22/2024	Bottom Lift, Drive Lane: STA 20 + 00 on Pinehurst Cir., southbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	151.9	142.0	93	92 / 96	SP	RL	
13	07/23/2024	Bottom Lift, Drive Lane: STA 15 + 00 on Pinehurst Cir., northbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	151.9	142.3	94	92 / 96	SP	RL	
14	07/23/2024	Bottom Lift, Drive Lane: STA 11 + 00 on Pinehurst Cir., northbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	151.9	140.9	94	92 / 96	SP	RL	
15	07/23/2024	Bottom Lift, Drive Lane: STA 11 + 50 on Pinehurst Cir., southbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	151.9	139.9	92	92 / 96	SP	RL	
16	07/23/2024	Bottom Lift, Drive Lane: STA 15 + 50 on Pinehurst Cir., southbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	151.9	143.4	94	92 / 96	SP	RL	
17	07/23/2024	Bottom Lift, Drive Lane: STA 20 + 00 on Pinehurst Cir., southbound lane.	2.0	(1/2") SP75 PG 58-28 20% RAP	151.9	141.2	92	92 / 96	SP	RL	
18	07/23/2024	Bottom Lift, Drive Lane: 10' south & 30' west of the northwest corner of the intersection at Pinehurst Cir. & cul-de-sac C.	2.0	(1/2") SP75 PG 58-28 20% RAP	151.9	142.3	93	92 / 96	SP	RL	
19	07/23/2024	Bottom Lift, Drive Lane: 10' north & 60' west of the southwest corner of the intersection at Pinehurst Cir. & cul-de-sac C.	2.0	(1/2") SP75 PG 58-28 20% RAP	151.9	143.3	95	92 / 96	SP	RL	

Remarks

SP : Supplied Density Pass

Comments

Tests are determined using backscatter method.



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A handwritten signature in blue ink, appearing to read "Joey Goode".

08/27/2024

Reviewed by: Joey Goode, PE