

IN-PLACE DENSITY: K50105

CLIENT: WOODLAND OAKS LLC
656 BAYBERRY LN, STE 101
LEE'S SUMMIT, MO 64063

REPORT NO: K50105
REPORT DATE: 11/30/2022
SERVICE DATE: 11/23/2022

PROJECT: R20-22-093
WOODLAND OAKS FINAL PLAT

AUTHORIZATION:
CONTRACTOR:

SERVICES: Perform in-place density and moisture content tests to determine the degree of field compaction.

Gauge

Type	Serial No.	Test Mode	Density Current	Density Previous	Moisture Current	Moisture Previous
TROXLER 3440	26934	Direct Transmission	1562	1568	634	632

Requirements

	Density Method	Density Specification	Moisture Method	Moisture Specification
A	ASTM D6938	$\geq 95\%$	ASTM D3017	-3% of optimum

Test Proctors

No.	Test Type	Material	Optimum Moisture	Max Density	Reference
1	STANDARD PROCTOR	AB3-Type5	9.7%	130.7 pcf	Client1:Client



Results

No.	Location	Probe Depth	Lift/Elev	Proctor	Field Moist.	Opt. Moist.	Moist. Result (Req.)	Dry Density (pcf)	Max Density (pcf)	Compaction %	Density Result (Req.)
1	Station 0 +61', SB Lane, NE Lashbrook Dr.	4"	0	1	5.0%	9.7%	Pass (A)	131.8	130.7	101%	Pass (A)
2	Station 2+55', NB Lane, NE Lashbrook Cir	4"	0	1	6.3%	9.7%	Pass (A)	127.9	130.7	98%	Pass (A)
3	Station 3+50', SB Lane, NE Lashbrook Cir	4"	0	1	6.9%	9.7%	Pass (A)	134.8	130.7	103%	Pass (A)
4	NE Lashbrook Cir, NB Lane, Middle of Circle	4"	0	1	7.7%	9.7%	Pass (A)	133.3	130.7	102%	Pass (A)
5	NE Lashbrook Cir, SB Lane, Middle of Circle	4"	0	1	7.8%	9.7%	Pass (A)	130.8	130.7	100%	Pass (A)
6	Station 8+50', WB Lane, NE Woodland Oak Cir	4"	0	1	6.4%	9.7%	Pass (A)	134.6	130.7	103%	Pass (A)
7	Station 9+50', EB Lane, NE Woodland Oak Cir	4"	0	1	5.5%	9.7%	Pass (A)	132.6	130.7	101%	Pass (A)
8	Station 10+50', WB Lane, NE Woodland Oak Cir	4"	0	1	6.2%	9.7%	Pass (A)	134.8	130.7	103%	Pass (A)
9	Station 11+50', EB Lane, NE Woodland Oak Cir	4"	0	1	6.8%	9.7%	Pass (A)	134.2	130.7	103%	Pass (A)
10	Station 12+50', WB Lane, NE Woodland Oak Cir	4"	0	1	6.0%	9.7%	Pass (A)	127.2	130.7	97%	Pass (A)
11	100' North of Station 12+50' EB Lane, NE Woodland Oak Cir	4"	0	1	6.8%	9.7%	Pass (A)	134.3	130.7	103%	Pass (A)
12	200' North of Station 12+50' EB Lane, NE Woodland Oak Cir	4"	0	1	6.5%	9.7%	Pass (A)	133.5	130.7	102%	Pass (A)
13	200' North of Station 12+50' WB Lane, NE Woodland Oak Cir	4"	0	1	6.5%	9.7%	Pass (A)	129.8	130.7	99%	Pass (A)

Additional Comments

Tested Final Grade of Base Rock on Roadways

TECHNICIAN: Jon Shrout
Engineering Technician

REPORT DISTRIBUTION:
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