

### IN-PLACE DENSITY: K50055

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

**REPORT NO:** K50055  
**REPORT DATE:** 11/30/2022  
**SERVICE DATE:** 11/21/2022

**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	22322	Direct Transmission	1818	1794	683	690

#### Requirements

	Density Method	Density Specification	Moisture Method	Moisture Specification
A	ASTM D6938	>=95%	ASTM D3017	0

#### Test Proctors

No.	Test Type	Material	Optimum Moisture	Max Density	Reference
1	STANDARD PROCTOR	MoDOT 5	9.7%	130.7 pcf	Client1



**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	Woodland Oak Dr STA 4+25 8' Lf CL	4	1st lft	1	5.7%	9.7%	Pass (A)	132.0	130.7	101%	Pass (A)
2	Woodland Oak Dr STA 4+10 10' Rt CL	4	1st	1	5.0%	9.7%	Pass (A)	126.6	130.7	97%	Pass (A)
3	Woodland Oak Drive STA 2+00 4' Rt CL	4	1st	1	6.0%	9.7%	Pass (A)	130.4	130.7	100%	Pass (A)
4	Woodland Oak Drive STA 2+75 6' Lf CL	4	1st	1	7.3%	9.7%	Pass (A)	124.4	130.7	95%	Pass (A)
5	NE Cherry Bark Ct STA 4+10 4' Lf CL	4	1st	1	6.7%	9.7%	Pass (A)	128.1	130.7	98%	Pass (A)
6	NE Cherry Bark Ct STA 4+25 6'Rt CL	4	1st	1	6.4%	9.7%	Pass (A)	130.2	130.7	100%	Pass (A)
7	NE Cherry Bark Ct center of Cul De Sac	4	1st	1	7.6%	9.7%	Pass (A)	135.9	130.7	104%	Pass (A)
8	Woodland Oak Dr STA 6+75 6' Lf CL	4	1st	1	9.2%	9.7%	Pass (A)	132.6	130.7	101%	Pass (A)
9	Woodland Oak Dr STA 6+60 8' Rgt CL	4	1st	1	7.4%	9.7%	Pass (A)	130.9	130.7	100%	Pass (A)
10	NE Lash Brook STA 9+75 4' lf CL	4	1st	1	6.3%	9.7%	Pass (A)	136.0	130.7	104%	Pass (A)
11	NE Lash Brook STA 1+25 8' Rgt CL	4	1st	1	7.9%	9.7%	Pass (A)	131.9	130.7	101%	Pass (A)
12	NELad Brook STA 2+70 7' Rgt CL	4	1st	1	8.8%	9.7%	Pass (A)	129.8	130.7	99%	Pass (A)
13	NE Cherry Brook STA 3+25 4' Lf CL	4	1st	1	7.9%	9.7%	Pass (A)	132.4	130.7	101%	Pass (A)

**TECHNICIAN:** ERIC HOWARD  
 CME TECHNICIAN III

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