

## IN-PLACE DENSITY: K50095

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

**REPORT NO:** K50095  
**REPORT DATE:** 11/30/2022  
**SERVICE DATE:** 11/22/2022

**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	1799	1818	684	683

### 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 Drive STA 8+10 6' Lf CL	4	1st	1	7.2%	9.7%	Pass (A)	135.1	130.7	103%	Pass (A)
2	Woodland Oak Dr STA 8+20 6' Rgt CL	4	1st	1	7.6%	9.7%	Pass (A)	130.5	130.7	100%	Pass (A)
3	Woodland Oak Dr STA 10+75 6' L CL	4	1st	1	5.8%	9.7%	Pass (A)	128.1	130.7	98%	Pass (A)
4	Woodland Oak Drive STA 10+95 6' Rt CL	4	1st	1	6.4%	9.7%	Pass (A)	131.3	130.7	100%	Pass (A)
5	Woodland Oak Drive STA 12+75 12' Lt CL	4	1st	1	64.0%	9.7%	Pass (A)	133.6	130.7	102%	Pass (A)
6	Woodland Oaks Drive STA 12+20 8' Rt CL	4	1st	1	8.2%	9.7%	Pass (A)	130.2	130.7	100%	Pass (A)
7	Woodland Oaks Drive STA 2+80 6' Lt CL	4	2nd lift	1	8.2%	9.7%	Pass (A)	135.2	130.7	103%	Pass (A)
8	Woodland Oak Drive SRA 12+50 4' Rt CL	4	2nd Lift	1	6.0%	9.7%	Pass (A)	137.9	130.7	106%	Pass (A)
9	Woodland Oak Drive STA 5+60 4' Lt CL	4	2nd Lift	1	7.3%	9.7%	Pass (A)	137.4	130.7	105%	Pass (A)
10	Woodland Oak Drive STA 5+00 6' Rt CL	4	2nd lift	1	5.5%	9.7%	Pass (A)	136.1	130.7	104%	Pass (A)
11	NE Cgerry Bark Ct 0+90 4'Lt CL	4	2nd lift	1	5.7%	9.7%	Pass (A)	135.7	130.7	104%	Pass (A)
12	NE Cherry Bark Ct STA 0+70 8' Rt CL	4	2nd lift	1	5.0%	9.7%	Pass (A)	131.4	130.7	101%	Pass (A)
13	NE Cherry Bark Ct STA 2+25 6' Lt CL	4	2nd Lift	1	4.9%	9.7%	Pass (A)	129.4	130.7	99%	Pass (A)
14	NE Cher4y Bark Ct STA 2+50 8' Rt CL	4	2nd lift	1	5.0%	9.7%	Pass (A)	131.2	130.7	100%	Pass (A)

**TECHNICIAN:** ERIC HOWARD  
 CME TECHNICIAN III

**REPORT DISTRIBUTION:**  
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