



IN-PLACE DENSITY: K46081

CLIENT: CLAYTON PROPERTIES GROUP, INC.
 DBA SUMMIT HOMES
 120 SE 30TH ST
 LEE'S SUMMIT, MO 64082

REPORT NO: K46081
REPORT DATE: 5/10/2022
SERVICE DATE: 5/9/2022

PROJECT: R20-21-214
 OSAGE 3RD 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	77234	Direct Transmission	1629	1633	717	722

Requirements

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

Test Proctors

No.	Test Type	Material	Optimum Moisture	Max Density	Reference
1	STANDARD PROCTOR ASTM D698, Method B	MODOT TYPE V BASEROCK	9.6%	134.6 pcf	K41774

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	SW Knoxville Ct 1st lateral S of 3-1 Manhole	12	-5	1	6.3%	9.6%	Pass (A)	133.7	134.6	99%	Pass (A)
2	SW Knoxville Ct 1st lateral S of 3-1 Manhole	12	-4	1	7.4%	9.6%	Pass (A)	135.5	134.6	101%	Pass (A)
3	SW Knoxville Ct 1st lateral S of 3-1 Manhole	12	-3	1	4.9%	9.6%	Pass (A)	129.2	134.6	96%	Pass (A)
4	SW Knoxville Ct 1st lateral S of 3-1 Manhole	12	-2	1	4.6%	9.6%	Pass (A)	126.4	134.6	94%	Fail (A)
5	SW Knoxville Ct 4th lateral S of 3-1 Manhole	12	-2	1	4.6%	9.6%	Pass (A)	121.4	134.6	90%	Fail (A)

Additional Comments

Tested backfill of sanitary sewer backfill in road subgrade.

TECHNICIAN: Johnny Shao, EI
Engineering Technician

REPORT DISTRIBUTION:
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KANSAS CITY TESTING & ENGINEERING, LLC,



JIM BYRNES, R.G.
PROJECT MANAGER