



KCK 1100 W Cambridge Circle Drive Suite 700 Kansas City, Kansas 66103  
Lawrence 2121 Moodie Road Lawrence, Kansas 66046  
North Topeka 2011 NW Topeka Blvd Topeka, Kansas 66608

PHONE: 913.627.9040  
PHONE: 785.856.9600  
PHONE: 785.270.6447

## FIELD COMPACTION TEST DATA

CLIENT: NLV Development Company, LLC  
3152 SW Grandstand Circle  
Lee's Summit, Missouri 64081

PROJECT: Pergola Park 5th Plat  
Lee's Summit, MO

ATTN: Russell Pearson

INSPECTOR: T. Steusloff

DATE: 10/28/2022

REPORT #: 22-5392-dr-22B

TEST NO.	TEST LOCATION	SOIL ID / LAB NO.	DEPTH / ELEV.	IN PLACE WET DENSITY (pcf)	IN PLACE DRY DENSITY (pcf)	IN PLACE MOISTURE CONTENT (%)	PERCENT COMPACTION (%)	COMMENT
1	Between Sewer Inlet 507/506	A	-3	126.2	105.0	20.2	103.7	4A
2	Between Sewer Inlet 506/505	A	-2'	119.8	99.1	20.9	97.8	4A
3	Between Sewer Inlet 505/504	A	-1'	126.8	104.2	21.7	102.9	4A
4	Between Sewer Inlet 505/504	B	0	127.7	107.4	18.9	101.6	4A
5	Between Sewer Inlet 504/503	A	-2'	124.7	103.0	21.1	101.7	4A
6	Between Sewer Inlet 504/503	A	-1'	122.8	102.1	20.3	100.8	4A
7	Water Line E of 503	B	-2'	123.9	104.3	18.8	98.7	4A
8	Water Line E of 503	A	-1'	121.4	100.0	21.4	98.7	4A
9	Water Line W of 507	A	0	122.2	100.1	22.1	98.8	4A
10	Water Line W of 507	A	0	125.2	103.6	20.8	102.3	4A

LAB DATA				SPECIFICATIONS	
SOIL ID/LAB NUMBER:	SOIL DESCRIPTION	MAXIMUM DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	COMPACTION SPEC (%)	MOISTURE RANGE (%)
A	Reddish Brown Lean Clay	101.3	19.6	95	-3 / +3
B	Yellowish Brown Lean Clay	105.7	18.7	95	-3 / +3

NUCLEAR DENSITY GAUGE	
Make:	TROXLER
Model:	3430
Serial Number:	
Gauge No:	5

COMMENTS	
1. Structural Fill	A. Test Results in Substantial Compliance with Project Specifications
2. General Fill	B. Recompanction Required
3. Base Course	C. Test is After Recompanction
4. Trench Backfill	D. Moisture in Excess of Specs.
5. Other	E. Moisture Below Specs.

ADDITIONAL COMMENTS
Tested roughly every 50'

All results and observations relate only to the items inspected or tested. This report shall not be reproduced, except in full, without the prior written approval of CFS.

Respectfully Submitted,  
COOK, FLATT & STROBEL ENGINEERS, P.A.

Adam McEachron, P.E. | Senior Project Engineer

Field results reported to \_\_\_\_\_

with Larry Bair \_\_\_\_\_