

## IN-PLACE DENSITY: K37744

**CLIENT:** CHOYCE, LLC  
PO BOX 847  
LEE'S SUMMIT, MO 64063

**REPORT NO:** K37744  
**REPORT DATE:** 10/17/2020  
**SERVICE DATE:** 10/2/2020

**PROJECT:** R20-20-096  
NAPA VALLEY 4TH 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	77305	Direct Transmission				

### Requirements

No.	Density Method	Density Specification	Moisture Method	Moisture Specification
1	ASTM D6938	Min: 95%	ASTM D3017	N/A

### Test Proctors

No.	Test Type	Material	Optimum Moisture	Max Density	Reference
1	STANDARD PROCTOR ASTM D698, Method A	GRAYISH BROWN SILTY CLAY W/ 15% Fa	15.1%	104.1 pcf	K37615

### Results

No.	Location	Probe Depth	Lift/Elev	Proctor	Field Moisture %	Optimum Moisture %	Moisture Result	Dry Density	Max Density	Density %	Density Result
1	Road sta 3+93	6	Subgrade	1	15.1	15.1	Pass	105.8	104.1	102.0	Pass
2	Road sta 4+75	6	Subgrade	1	14.2	15.1	Pass	108.3	104.1	104.0	Pass
3	Road sta 6+25	6	Subgrade	1	14.5	15.1	Pass	105.5	104.1	101.0	Pass
4	Road sta 5+45	6	Subgrade	1	15.1	15.1	Pass	104.4	104.1	100.0	Pass
5	Road sta 3+25	6	Subgrade	1	14.0	15.1	Pass	108.5	104.1	104.0	Pass
6	Road sta 2+50	6	Subgrade	1	15.9	15.1	Pass	104.7	104.1	101.0	Pass
7	Road sta 1+40	6	Subgrade	1	14.1	15.1	Pass	100.9	104.1	97.0	Pass
8	Road sta 0+59	6	Subgrade	1	15.0	15.1	Pass	101.7	104.1	98.0	Pass
9	Road sta 7+00	6	Subgrade	1	14.8	15.1	Pass	102.5	104.1	98.0	Pass

Kansas City Testing & Engineering, LLC  
1141 Southwest Blvd.  
Kansas City, KS 66103  
Phone: 913-321-8100  
<https://www.kctesting.com>



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**TECHNICIAN:** JUSTIN CROOKS  
PROJECT MANAGER

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A handwritten signature in blue ink, appearing to read 'J. Byrnes', written over a horizontal line.

JIM BYRNES, R.G.  
PROJECT MANAGER