



## IN-PLACE DENSITY: K46936

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

**REPORT NO:** K46936  
**REPORT DATE:** 7/5/2022  
**SERVICE DATE:** 6/24/2022

**PROJECT:** R20-22-032  
 NAPA VALLEY 5TH 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 3450	521	Direct Transmission	5346	5332	1092	1088

### 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	Crushed Limestone	8.3%	135.8 pcf	Client1:Greenwood

### 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	Mondavi Ln Sta 0+75	6	At grade	1	6.0%	8.3%	Pass (A)	135.3	135.8	100%	Pass (A)
2	Mondavi Ln Cul-de-sac	6	At grade	1	7.3%	8.3%	Pass (A)	130.7	135.8	96%	Pass (A)
3	SW Flintrock Dr Sta 11+25 center	6	At grade	1	6.5%	8.3%	Pass (A)	140.9	135.8	104%	Pass (A)
4	SW Flintrock Dr Sta 9+00 S	6	At grade	1	6.3%	8.3%	Pass (A)	131.5	135.8	97%	Pass (A)
5	SW Flintrock Dr Sta 6+75 N	6	At grade	1	5.8%	8.3%	Pass (A)	131.1	135.8	97%	Pass (A)
6	SW Flintrock Dr Sta 4+50 S	6	At grade	1	6.6%	8.3%	Pass (A)	138.3	135.8	102%	Pass (A)
7	SW Flintrock Dr Sta 2+25 N	6	At grade	1	6.0%	8.3%	Pass (A)	136.4	135.8	100%	Pass (A)
8	SW Flintrock Dr Sta 0+75	6	At grade	1	6.2%	8.3%	Pass (A)	129.4	135.8	95%	Pass (A)

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**KANSAS CITY TESTING & ENGINEERING, LLC,**

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

JIM BYRNES, R.G.  
PROJECT MANAGER