

## IN-PLACE DENSITY: K37876

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

**REPORT NO:** K37876  
**REPORT DATE:** 10/9/2020  
**SERVICE DATE:** 10/7/2020

**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	21653	Direct Transmission	1740	1748	644	651

### Requirements

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

### Test Proctors

No.	Test Type	Material	Optimum Moisture	Max Density	Reference
1	STANDARD PROCTOR	AB3	8%	136 pcf	Client1

### Results

No.	Location	Probe Depth	Lift/Elev	Proctor	Field Moisture %	Optimum Moisture %	Moisture Result	Dry Density	Max Density	Density %	Density Result
1	E-W RD FROM BENZINGER, STA 6+00, 4' LCL	4	FG	1	5.9	8.0	Pass	132.0	136.0	97.0	Pass
2	E-W RD FROM BENZINGER, STA 5+20, 4' RCL	4	FG	1	5.4	8.0	Pass	129.8	136.0	95.0	Pass
3	E-W RD FROM BENZINGER, STA 4+20, 4' LCL	4	FG	1	5.8	8.0	Pass	131.0	136.0	96.0	Pass
4	E-W RD FROM BENZINGER, STA 3+25, 6' RCL	4	FG	1	5.2	8.0	Pass	129.4	136.0	95.0	Pass
5	E-W RD FROM BENZINGER, STA 2+25, 4' LCL	4	FG	1	5.8	8.0	Pass	131.8	136.0	97.0	Pass
6	E-W RD FROM BENZINGER, STA 1+30, 4' RCL	4	FG	1	5.5	8.0	Pass	130.2	136.0	96.0	Pass
7	E-W RD FROM BENZINGER, STA 0+50, 2' LCL	4	FG	1	5.6	8.0	Pass	130.8	136.0	96.0	Pass

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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