

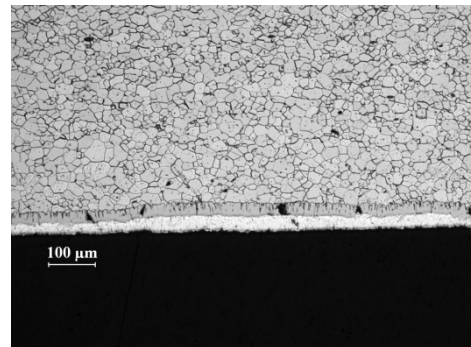
## Santiam Highway 100+15, Oregon

DIAMETER	GAGE	YEAR INSTALLED	INSPECTION DATE
30"	16 (0.064 IN)	ESTIMATED AT 1985	MAY, 2013
PROFILE	COATING	SOIL DATA	WATER DATA
2 2/3 X 1/2	ALUMINIZED TYPE 2	PH: N/A	PH: 5
		RESISTIVITY: 14,350 $\Omega$ -CM	RESISTIVITY: 28,570 $\Omega$ -CM
			FHWA ABRASION LEVEL: 1
			CHLORIDES: <1
			CaCO <sub>3</sub> : 0-40 PPM

### IMAGES:



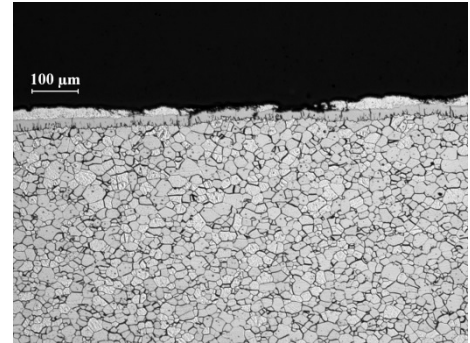
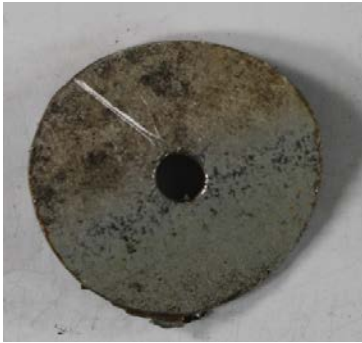
### SOIL SIDE ALUMINUM COATING DATA:



- Surface area coated: 100%
- Minimum thickness: 0.87 mils
- Maximum thickness: 1.42 mils (36  $\mu$ m)
- Maximum pit depth: 3.38 mils

## ***Santiam Highway 100+15, Oregon***

### **WATER SIDE ALUMINUM COATING DATA:**



- Surface area coated: 95%
- Minimum thickness: 0.00 mils
- Maximum thickness: 1.66 mils (42 μm)
- Maximum pit depth: 5.00 mils

### **ULTRA-SONIC PIPE THICKNESS (IN):**

- TOP: AVG = 0.051 (0.050, 0.050, 0.052, 0.051, 0.051)
- INVERT: AVG = 0.049 (0.047, 0.051, 0.051, 0.048, 0.049)

\*Measured using TI-25M Ultrasonic Wall Thickness Gauge

### **COATING THICKNESS COMPARISON (microns):**

- TOP: 49
- INVERT: 29

\*Avg of a minimum of 4 readings after cleaning

### **COMMENTS:**

- The pipe appears to be in good condition
- There is no pavement distress
- The total length of the installation is approximately 66 ft