

**General Land Office (GLO) Surveyed Points of Interest (POIs):  
1893 JA-15 South Rat Creek to 1855 JA-16 Old Stage Road: 1874**

**Map 14B. 1874 Josephine County Road & 1998 Rat Creek  
Base Map: Section 14, 1998 USGS Merlin, Oregon Quadrangle<sup>1</sup>**

**September 3, 2010** This is a comparison analysis with an art program to plot the surveyed 1874 County Road (Map 2) in Section 14 of the 1998 USGS Merlin Quadrangle. The following are the actual survey points for the 1874 road (Map 2) and the AutoCAD Points established by Chard (Josephine County Public Works) for Section 14.

AutoCAD	Links	Feet	Course
			McMichael's House
Point 180	8	528'	S 2½" W
Point 181	5.5	363'	S 31" E
Point 182	10	660'	S 24" E
Point 183	5.5	363'	S 4½" E
			Small Stream c. NW, Leave Road
Point 184	15	990"	S 25" E
Point 185	8	528'	S 12" E
Point 186	5	330'	S 19" W
			Strike Road
Point 187	7	462'	S 12" W
Point 188	5	330'	S 24" W
Point 189	13	858'	S 9" W
Point 190	5	330'	S 4" E
			Ascend Hill
Point 191	12.5	825'	S 6½" W

The analysis was to compare how closely the 1874 road matched JA-15 and JA-16 without changing the 1874 survey for the distance and course of the AutoCAD points, and compare the location of the 1874 *Trail* in comparison to existing roads and Rat Creek. Operationally this meant to overlay the 1874 Point 181 with JA-16. The results were not perfect, but within the limitations of the art program the 1874 *Trail* (county road) was very close to both JA-15 and JA-16, and the private driveway in 1998 east of Rat Creek. It was much closer than anticipated.

It also corroborated the location of JA-16 uphill from the existing Old Stage Road. For example, Point 181, Point 182, and Point 183 (Maps 2 & 14C) corroborate JA-16 Old Stage Road being uphill from the existing non-maintained Old Stage Road with the *Trail* staying at that elevation going south to the approximate area just before the Light house where its changed to the location of the present Old Stage Road at today's private gate.

Footnote 1. USGS. 1998. *Merlin Quadrangle*. 7.5 minute topographic series, scale 1:24,000, and contour interval 40 feet.

