

Minutes of Field Trip to JA-16 Old Stage Road

**General Land Office (GLO) Field Survey Sub-Committee
Inventory Trip, Thursday, March 18, 2010
10:00 a.m. - 1:00 p.m.**



- References**
1. JR Of Applegate Trail: *Old Stage Road (JA-16)* Final Brochure (email attachment)
 2. 1969 Josephine County Survey (C.S.) No. 207-69 (email attachment)

Purpose Members of the GLO Field Sub-Committee (*SubCommittee*), Hugo Emigrant Trails Committee, to inventory and mark GLO point of interest (POI) "JA-16 Old Stage Road" of the Applegate Trail.

Participants The members of the *SubCommittee* that participated on this field trip were Glen Campbell, Jim Ford, Rene Ford, Kelly Rarey, and Mike Walker (Appendix A).

Accomplishments Field trip with consensus on location of JA-16 marked with wooden stake along I-5 boundary fence.

1855 GLO JA-16 OLD STAGE ROAD

Facts JA-16 is 363' from Rat Creek 1855 GLO survey distance records Rat Creek is 363' from *Trail* and 7 links wide = 55.44" (Appendix B).



JA-16 Marker

Fact: JA-16 has a N30°W & S30°E Orientation. The quadrant bearings for the course of the *Trail* is N30°W & S30°E = azimuths of 330 degrees and 150 degrees (Appendix B).

Fact: JA-16 is south of Copper Queen Mine Road junction (BLM Rd No. 34-6-11.1) with Old Stage Road. The I-5 right-of-way (ROW) boundary is 47.9' east of the Old Stage Road center line (i.e., 60' ROW). C.S. No. 207-69.

Fact: The NE private property corner No. 1 of Josephine C.S. 207-69 records the I-5 ROW boundary to be 527.9' from the section corner. JA-16 is a further 2.74' east within the I-5 ROW. The C.S. records Oregon State Highway Department (ODOT) monument (P.O.T. 536+10.12) to be 21.6' south of the section line at private property corner No. 2 (email attachment).

Fact: Old Stage Road is the evolution of the stage road in operation from 1860 through 1883 until the railroad arrived.

Bearing & Distance Work There were two possible approaches accessing JA-16. One was the Old Stage Road ROW and the other was from the I-5 ROW. C.S. 207-69 recorded JA-16 was 2.74' within the I-5 ROW line. Two private survey monuments were indicated along the I-5 ROW fence line close to the location of the POI.

The POI was first approached from Old Stage Road. Tape measurements confirmed that JA-16 was outside of the 60' ROW of Old Stage Road approximately 20' (C.S. No. 207-69) . It was confirmed that the public ROW of Old Stage Road would not reach the fence line of the I-5 ROW.



Mike 20' West of I-5 ROW



K-Tag on Fir Tree At Fence Line

The GLO Subcommittee members located a “K-tag” on a Douglas fir tree along the west side of Old Stage Road. There was an east-west fence line at the “K-tag”. This indicated that the NE private property corner No. 1 of C.S. 207-69 was on the section line.

The NE private property corner No. 1 of C.S. 207-69 records the I-5 ROW boundary to be 527.9' from the section corner. JA-16 is 2.74' within the I-5 ROW. The C.S. records ODOT monument (P.O.T. 536+10.12) to be 21.6' south of the section line at private property corner No. 2.

The Subcommittee members proceeded to I-5 to access JA-16 from the I-5 ROW. ODOT marker P.O.T. 536+10.12 was located along the ROW fence at the wooden “T” location fence (email attachment). This monument was identified on C.S. No. 207-69 as private property corner No. 2.

A metal monument (a measured ¾ to 5/8 inch diameter pipe) was found at private property corner No. 2 on the west side of the I-5 ROW fence line within 6 inches of the ODOT marker (i.e., I-5 ROW fence is approximately 6 inches east of I-5 ROW boundary). C.S. No. 207-69 provided that the ¾ to 5/8 inch pipe monument was the southern most of the two markers. C.S. No. 207-69 located the second monument 21.6 ft. north-northwest along a bearing close to the 1855 GLO Trail course. This northern marker could not be located. It looked like somebody else had been digging in an attempt to locate this monument. Further digging did not reveal the monument. However this position was confirmed by bearing and distance measurements from the southern monument and the “K”



Private Property Corner No. 2

tag. Per C.S. No. 207-69, it was the consensus of the GLO *SubCommittee* that this was the position of JA 16 and a wooden stake was placed as a marker.



Jim, Rene, Kelly, & Glen at JA-16 Stake

GPS Work Previous calculations of the latitude and longitude of JA-16 were not accurate with a location west of Old Stage Road in Rat Creek. The present coordinates are based upon GPS “marked waypoints” based on a previous field trip waypoint mark of section corner for Sections 10, 11, 14, and 15 (latitude) and the C.S. No. 207-69 location of the northeast private property corner No. 2 monument.

Latitude & Longitude of POI

42° 37' 23.0" North Latitude

123° 23' 01.0" West Longitude

Other Information There is a trace at, and north of JA-16. However, knowing exactly where JA-16 is located does not provide reliable physical evidence of the 1855 Applegate Trail (e.g., reliable swale, artifact, etc.). There is a high likelihood that when the I-5 ROW fence (within 2 - 3 feet of JA-16) was constructed, it was cleared with machinery as is common practice in major highway construction.

There are diaries, physical roads, and a ford relating to Rat Creek and Grave Creek (i.e., topographical and/or geomorphic evidence: i.e., North Oxbow Road 310' segment of 1853 Military Road; JA-15 with trace in upper Rat Creek, modern Old Stage Road; Grave Creek Ford/Grave Creek Bridge). Old Stage Road has the same course as the 1855 JA-17 Applegate Trail and its name if for the stagecoach era in our area generally from 1860 - 1883. Old Stage Road is parallel to JA-16 and JA-16 is 50.64' east of the Old Stage Road center line.



JA-16 Trace

Cardinal Rules of Trail Verification Consensus determinations by the GLO *SubCommittee* on OCTA’s *Cardinal Rules of Trail Verification* as applicable to J6-15 follow. There are questions about the Collateral Rule (Appendix C).

- Coherence Rule. Linear Uniformity. Yes
- Corroborative Rule. Confirming Evidence. Yes
- Collateral Rule. Physical/Topo Evidence. Yes/No?
- Correlation Rule. Overall Agreement. Yes

Trail Classification A consensus determination by GLO SubCommittee is that the *Trail* within 50' of JA-16 has a OCTA trail classification of Class ④ Altered & Verified Trail (Appendix C).

- Class 1 - Unaltered Trail. It retains its original character.
- Class 2 - Used Trail. It retains elements of its original character, but shows use by motor vehicles.
- Class 3 - Verified Trail. It is accurately located and verified, but trail traces are nonexistent or insignificant.
- Class 4 - Altered Trail. It is verified, but elements of its original condition are permanently altered.
- Class 5 - Approximate Trail. It is obliterated or unverifiable that its location is known only approximately.

Minutes Recorded by Rene Ford

March 29, 2010

Jim & Rene Ford, Minutes Secretary & Members
GLO Field Sub-Committee
Hugo Emigrant Trails Committee
Hugo Neighborhood Association & Historical Society
Web Page: <http://jeffnet.org/~hugo/>

Email Attachments

1. JR Of Applegate Trail: *Old Stage Road (JA-16)* Final Brochure
2. North portion of 1969 Josephine County Survey (C.S.) No. 207-69
3. JA-16 Old Stage Road Field Trip Photos of Oregon State Highway Right of Way

Email Copies of Final Minutes: Members of GLO Field Sub-Committee; Karen Rose, Co-Project Leader, Hugo Emigrant Trails Committee

Snail Mail Copies of Final Minutes: Glen Campbell, GLO Field Sub-Committee.

The final minutes are public and can be shared by members of the GLO Field Sub-Committee and Karen Rose, Co-Project Leader, Hugo Emigrant Trails Committee, as they determine appropriate.

Appendix A. March 18, 2010 Participants: GLO Field Review SubCommittee Members

Glen Campbell, Member GLO Field Sub-Committee Hugo Emigrant Trails Committee 144 Rivaway Lane Grants Pass, Oregon 97527 541-476-4338	Kelly Rarey, Member GLO Field Sub-Committee Hugo Emigrant Trails Committee 275 Canyon Oak Drive Grants Pass, Oregon 97526 541-471-0859
Jim Ford, Member GLO Field Sub-Committee Hugo Emigrant Trails Committee P.O. Box 81 Merlin, OR 97532 541-471-1235	Mike Walker, Member GLO Field Sub-Committee Hugo Emigrant Trails Committee 3388B Merlin Rd #195 Grants Pass, Oregon 97526 541-471-8271
Rene Ford, Member GLO Field Sub-Committee Hugo Emigrant Trails Committee P.O. Box 81 Merlin, OR 97532 541-471-1235	

Appendix B. OLD STAGE ROAD

Road POI Name Old Stage Road³ ■ JA-16.
POI ID Code OR-AT-00-34-06-11-W-JA-16.

1855 GLO Survey Notes for POI Page 605. Subdivisions of T. 34 S., R. 6 W. 89.46 W [West] on True Line between sections 11 & 14.

Chains

23.00 Summit of high Ridge c NW&SE, comes around from NW to SW Enter Pine & Oak Openings, Leave thick timber & Brush.

72.00 a Road c N30°W & S30°E [72 chains = 4,752']

75.00 Enter timber & brush

77.50 Branch 7 Lks wide c. N20°W [77.50 chains = 5,115' - Rat Creek is 363' from *Trail*; Rat Creek is 7 links = 55.44" wide]

80.04 To Section Corner (80.04 chains = 5,282.64']

Appendix C. OCTA's Cardinal Rules of Applegate Trail Verification: JA-16 Old Stage Road

Yes - Coherence Rule Linear Uniformity/Systematic Connection. There must be a linear uniformity so that trail segments form a continuous sequence; i.e., the trail segment under investigation has to link coherently with the trail segments that precede and follow it. The 1856 General Land Office (GLO) surveyed point JA-16 has reliable linear uniformity.

- 1846 & 1847 diaries and reminiscences locating north side of Sexton Mt./Rat Creek and Grave Creek.
- Linear orientation of GLO point of interests (POSS)
- Linear 1856 GLO road orientation (quadrant bearings) for previous and following GLO POS.
- Linear road of physical roads (i.e., North Oxbow Road 310' segment of 1853 Military Road; Old Stage Road; Grave Creek Ford/Grave Creek Bridge).
- 1895 Office Map of Josephine County

Yes - Corroborative Rule Confirming Evidence. To support with evidence or authority. There must be confirming documentary evidence of the trail; i.e., the trail segment under investigation has to have valid written or cartographic evidence to support its authenticity. JA-16 has reliable GLO survey notes.

- 1846 & 1847 diaries and reminiscences locating Rat Creek and Grave Creek.
- 1856 GLO survey notes and map locating JA-16.
- 1857 Donation Land Claim (DLC) survey notes for Twogood DLC locating Applegate Trail north of Grave Creek

?? - Collateral Rule Physical/Topo Evidence. There must be accompanying physical and/or topographical evidence of a trail; i.e., the trail segment under investigation has to have some geomorphic or artifact evidence to support it as an authentic emigrant trail. JA-16 does not have reliable traces or artifact evidence. Does it have reliable physical and/or topographical evidence?

Topographical Evidence: "A description or an analysis of a structured entity, showing the relations among its components." "The surface features of a place or region." *Geomorphic Evidence:* "Of or resembling the earth or its shape or surface configuration."

- There is a trace at, and north of JA-16. However, knowing exactly where JA-16 is located does not provide reliable physical evidence of the 1856 Applegate Trail (e.g., reliable swale, artifact, etc.). There is a high likelihood that when the I-5 right-of-way (ROW) fence (within 2 - 3 feet of JA-16) was constructed it was cleared with machinery as is common practice in major highway construction.
- There are diaries, physical roads, and a ford relating to Rat Creek and Grave Creek (i.e., topographical and/or geomorphic evidence: i.e., North Oxbow Road 310' segment of 1853 Military Road; JA-15 with trace in upper Rat Creek, modern Old Stage Road; Grave Creek Ford/Grave Creek Bridge). Old Stage Road has the same course as the 1856 JA-17 Applegate Trail and its name if for the stagecoach era in our area generally from 1860 - 1883. Old Stage Road is parallel to JA-16 and JA-16 is 50.64' east of the Old Stage Road center line.

The question for the GLO Field Subcommittee is the "application" of the definition of the Collateral Rule. Can the Collateral Rule be interpreted to be physical and/or topographical evidence of a trail at a sub-drainage level, or does it have to be physical earth evidence (i.e., some kind of a trace) or physical artifacts?

Correlation Rule Overall Agreement/Correlate. There must be overall agreement between all types of evidence; i.e., the evidence resulting from the first three cardinal rules have to be mutually supporting (not contradicting one another) in order to verify the location of a trail segment. The lack of a reliable trace or physical artifacts for the collateral rule does not contradict the Coherence Rule or Corroborative Rule.

Conclusion OCTA Trail Classification is Class ④ Altered and Verified Trail