

RECORD OF SURVEY for the U. S. FOREST SERVICE

MALHEUR NATIONAL FOREST
Secs. 24, 25, and 36, T 16 S, R 33-1/2 E, W.M.
and the NE 1/4, Sec. 1, T 17 S, R 33-1/2 E, W.M.
Grant County, Oregon
Road Cadastral Survey
5 July 1985

NARRATIVE

The purpose of this survey is to mark boundary lines between National Forest Land and privately owned land, and to monument, remonument, or reestablish corners which control these boundaries in Sections 24 and 25, and on the East side of Section 36, T 16 S, R 33 1/2 E, W.M. This survey was performed for the Malheur National Forest under Contract No. 53-04H1-4-9665N, Road Cadastral Survey.

HISTORY - The East line of Township 16 and 17 South, Range 33 1/2 East was originally surveyed in 1883 by Henry W. Cooke under Contract No. 488 as an Auxiliary Guide Meridian. This line was later resurveyed by Cooke under the same contract and junior corners were set for Range 34 East. The subdivision of Township 16 South, Range 33 1/2 East was performed by Cooke in 1884 under Contract No. 494. In 1982, Douglas M. Ferguson, PLS 848, surveyed the west line and the west half of the north line of Section 24 for the U.S. Forest Service and set the West 1/16th corner to Sections 13 and 24 (CS 751).

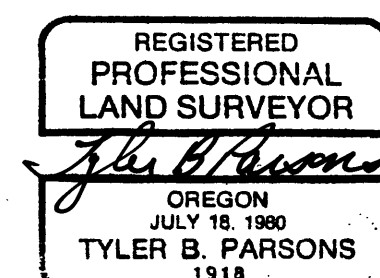
SURVEY - Basis of Bearings is a solar observation taken at a control point S58°10'32"E, 660.90 feet from the 1/4 corner to Sections 13 and 24. Survey proceeded by random traverse around the exterior of Sections 24 and 25, tying to those corners necessary for subdivision of the sections, and as required by the contract. Interior lines were then run by random traverse along lines to be posted and as necessary for interior monumentation. Calculations for subdivision of the sections was accomplished in accordance with principles specified in the Manual for Surveying Instructions, 1973. Found original monuments were remonumented in place of the original stone. The southeast corner of Section 25 was remonumented from one remaining bearing tree, the other bearing tree having been destroyed beyond reasonable recovery by logging. The southeast corner of Section 36 was set at the east edge of a large mound of stone and earth, which is believed to be an original accessory for this corner. The north and west quarter corners of Section 25 were reset by single proportion, no remains of the original monument or accessories having been found after a diligent search. Corners set by survey were set radially from previously established control points. Property lines were established by measuring offsets from control points. The corners of Range 34 East were noted in passing and are not a part of this survey.

GENERAL NOTES - Equipment used in this survey included a TOPCON GTS-2, and a 100 foot steel chain. Traverses consisted of closed loops and closures exceeded 1/5000. Traverses were adjusted by balancing angles and applying the Compass Rule method of adjustment. Aluminum monuments set in this survey consist of a 3/4" aluminum cap with magnet riveted to a 2" aluminum pipe 30" long with a flanged base. Reference monuments are 2" aluminum caps on 3/4" x 30" rebar. Bearing trees not indicated in the corner notes as having been found were established in this survey. All bearing trees established in this survey have a 3/4" brass washer marked "LS 1918" attached to the BT blaze. Measurements to all bearing trees in this survey were made to the center of the tree, unless otherwise noted. Bearing trees have blazes and bands painted red and appropriate Forest Service signs attached. All corners have a 6 foot steel fence post driven approximately 3 feet away with appropriate Forest Service signs attached. Boundary lines are marked with steel fence posts with Property Boundary signs.

SURVEYOR'S CERTIFICATE

I, TYLER B. PARSONS, a registered Land Surveyor in the State of Oregon, do hereby certify that this plat and the notes contained hereon, or attached, are a correct representation of a survey I performed in June and July, 1985, at the request of the USDA, Forest Service, in accordance with the statutes of the State of Oregon and the articles of my contract.

TYLER B. PARSONS
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RECEIVED AND
FILED

AUG 22 1985

OFFICE OF COUNTY SURVEYOR

Attch: Parcel Map, Co. CLK

