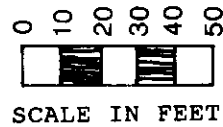


FILED

Date 1-6-95 By: JP
This survey consists of:
Map C.S. 63/158-1A
Narrative C.S. 63/158-1
Corner Rpt C.S. 63/158

DOUGLAS COUNTY
SURVEYOR JP JP

ANDRAIEFF CADASTRAL, Project No. 93-2
REESTABLISHMENT of RIGHT of WAY POINT, POT 660+44.97, RIGHT
SOUTH UMPQUA ROAD, F.S. ROAD No. 28
located in Homestead Entry Survey No. 179
Sections 1 and 2, T. 29 S., R. 1 E., W.M.
Douglas County, Oregon



Surveyed at the Request of the Umpqua National Forest
from July, 1993 to October, 1994
(see the accompanying survey narrative)

LEGEND

- found Brass Cap, see narrative
- set Brass Cap, see narrative
- 1978 record per survey, M65-77, by L.S. 1017
- 1955 record per R/W deed, inst. no. 193176
- 1916 record per survey, H.E.S. 179
- N.F.S.L. National Forest System Lands
- property line blazed and posted
- H.E.S. 179 boundary
- survey tie
- edge of pavement

11-30-94
[Handwritten signature]

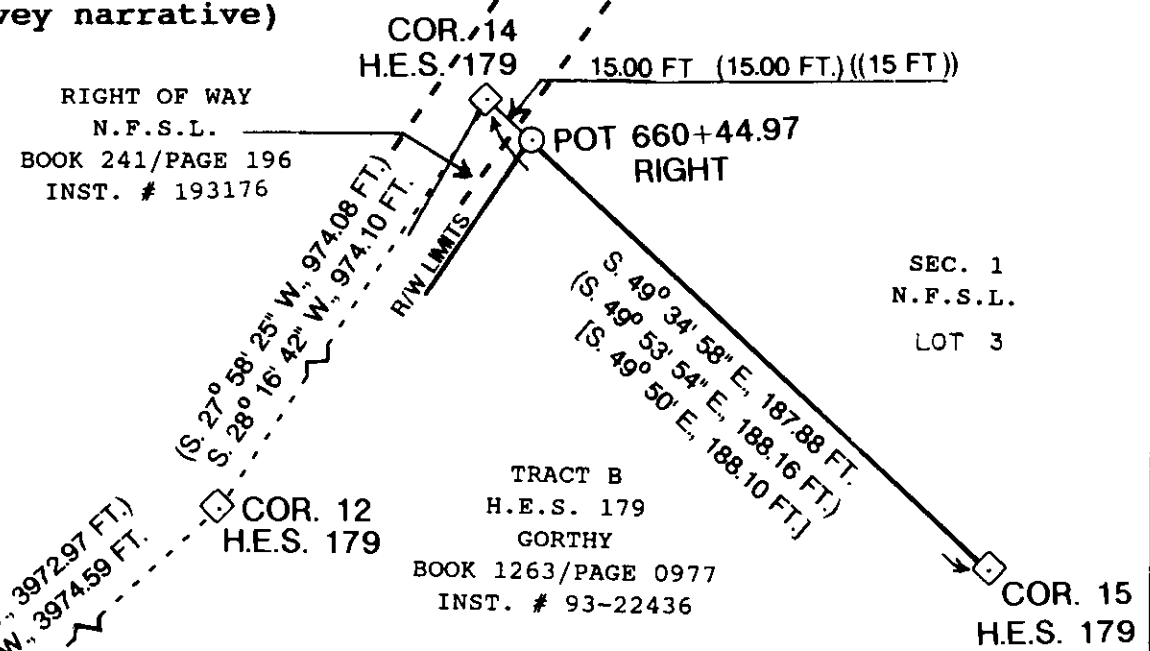
CERTIFICATE
EXPIRES 6/30/95

Leonard E. Herzstein, L.S. 2150
Umpqua National Forest
P.O. Box 1008, Roseburg, OR 97470

BEARINGS BASED
ON M65-77
(SEE NARRATIVE)



COR. 1
H.E.S. 179
BASIS OF BEARING



U.S.D.A., FOREST SERVICE, REGION 6, UMPQUA NATIONAL FOREST
SUPERVISOR'S OFFICE, P.O. BOX 1008, ROSEBURG, OREGON 97470

Reviewed and accepted for the U.S.D.A., Forest Service. <i>[Signature]</i> 12-3-94 Forest Land Surveyor Date	I certify that this survey was performed at the request of the Umpqua National Forest Supervisor. <i>[Signature]</i> 12/7/94 Forest Engineer Date
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COUNTY SURVEYORS FILE DATA
DO NOT REMOVE FROM OFFICE



SURVEY NARRATIVE FOR
ANDRAIEFF CADASTRAL, PROJECT NO. 93-2
REESTABLISHMENT OF RIGHT-OR-WAY POINT
P.O.T. 660+44.97, RIGHT,
OF SOUTH UMPQUA ROAD, F.S. ROAD NO. 28
July, 1993 to October, 1994

This survey was performed for the Umpqua National Forest, U.S.D.A., Forest Service, in Homestead Entry Survey (H.E.S.) No. 179, sections 1 and 2, Township 29 South, Range 1 East, Willamette Meridian, Douglas County, Oregon.

The purpose of this survey was to reestablish a lost right of way point and then blaze and post the boundary between private ownership (H.E.S. 179) and National Forest System Lands based on the resurvey of H.E.S. 179 in 1978 by Gordon H. Long, L.S. 1017, on filed survey map M65-77. Right-of-way point P.O.T. 660+44.97, Right, which was established by Gordon Long in 1978, was found to have been subsequently destroyed.

The Homestead Entry listing survey (List No. 6-981) was performed in 1913 by Forest Ranger, C. W. Jackson. The Homestead Entry Survey No. 179 was performed in 1916 by Forest Service Surveyor, Frederick W. Rase. Rase used the same corner positions established by Jackson, but states in his field notes he destroyed the listing corners. However, some bearing trees from the listing survey were recovered in this survey.

In 1954, Douglas County, Oregon, received a Quitclaim Deed for right-of-way through H.E.S. 179 for the South Umpqua Road from Nicholas and Ethel Andraieff (deed no. 190693, vol. 239/ page 728 Douglas County Records). In 1955, the United States of America received a Quitclaim Deed for the same right-of-way from Douglas County (deed no. 193176, vol. 241/ page 196 Douglas County Records).

In 1969 and 1975 the Douglas County Surveyor's Office (D.C.S.O.) renewed 5 corners of the H.E.S. from original evidence, including corner 15.

In 1976 through 1978, the Forest Service reestablished the remaining corners of H.E.S. 179 and established the right-of-way points of the Quitclaim Deed, which is fee title (filed survey map M65-77 and survey narrative C.S. file no. 58/162 by Gordon H. Long, L.S. 1017). Corner 1 was renewed from original evidence and corners 12 and 14 were set by the Grant Boundary method of reestablishing lost corners.

The basis of bearing for this survey was the computed bearing between corners 1 and 12 as determined by calculations from the survey map M65-77. A closed traverse loop between corners 1, 12 and 14 had an error of closure of 1 in 10,000. The equipment used were a T-2 1-second theodolite/RED 2L E.D.M. combination and a Set5 10-second total station.

For this survey, corners 14 and 15 were the controlling corners. A closed traverse loop between these corners had an error of closure of 1 in 40,000. The missing right-of-way point was reestablished at the record distance of 15.00 feet from corner 14 on the line between corners 14 and 15 as stated in the right-of-way deeds and as established in filed survey map M65-77.





The field books "Andraieff Cadastral Survey" are in project folder 93-2 at the Umpqua National Forest Supervisor's Office.

Bearing tree measurements were to the center of the rootcrown. The tree diameters were taken at breast height. The bearings were rounded to the nearest 10 or 15 minutes computed from the control traverse. New bearing trees have a 3/4" diameter brass washer, stamped L.S. 2150, nailed flush to the face of the "BT" blaze.

The magnetic declination was found to vary between $14-1/4^{\circ}$ and 29° East as determined at certain corners by backsighting on a control point of a known bearing. The wide variation was mainly due to steel fence posts set near some of the corners. The magnetic declination at the right-of-way point P.O.T. 660+44.97, Right, was $17-3/4^{\circ}$ East.

CORNER MONUMENTS FOUND

Corner 1, H.E.S. 179: Found a 2-1/2" diameter brass cap attached to a 1" diameter iron post, firmly set, projecting 4" above a 3 foot diameter mound of stone, brass cap marked as shown on M65-77. Corner 1 is identical to the U.S. Location Monument No. 179, which was established in the original H.E.S. 179 survey.

From which the remains of the original bearing trees:

A roothole bears N. $18^{\circ} 30'$ W., 11.9 feet, with a decayed alder trunk of indeterminate size lying alongside with a decayed blaze.

A roothole bears N. $84^{\circ} 45'$ E., 26.4 feet, with a decayed ash trunk of indeterminate size lying alongside with a decayed blaze. This tree was also identical to a bearing tree for corner 8.

and bearing trees marked by Gordon Long in 1978:

A 28" ash bears N. $16^{\circ} 20'$ E., 54.0 feet, (rec. N. $18^{\circ} 30''$ E., 54.5 feet) with scribe marks "COR 1 HES 179 BT" visible on a partially healed single blaze.

A 15" maple bears S. $65^{\circ} 30'$ W., 7.9 feet, (rec. S. $65^{\circ} 30''$ W.) with scribe marks "COR 1 HES 179" "BT" visible on a partially healed double blaze.

and corner 8 of H.E.S. 179 bears S. $46^{\circ} 38' 36''$ E., 30.35 feet, which is a 2-1/2" brass cap on a 1" diameter iron post. Brass cap is marked as shown on M65-77.

The magnetic declination was found to be $14-1/4^{\circ}$ East.





Corner 12, H.E.S. 179: Found a 2-1/2" diameter brass cap attached to a 1" iron post, firmly set, projecting 8" above a 3 foot diameter mound of stone, brass cap marked as shown on M65-77.

From which a bearing tree marked by Gordon Long in 1978:

A 18" Douglas fir bears N. $81^{\circ} 30'$ E., 33.0 feet, with a healed single blaze. This tree was also identical to a bearing tree for corner 13.

and corner 13 of H.E.S. 179 bears N. $65^{\circ} 50' 26''$ E., 55.10 feet, which is a 2-1/2" brass cap on a 1" diameter iron post. Brass cap is marked as shown on M65-77.

and a new bearing tree I marked:

A 5" Douglas fir bears N. $45^{\circ} 20'$ W., 8.0 feet, scribed "X" "BT" on a double blaze.

The magnetic declination was found to be 21° East.

Corner 14, H.E.S. 179: Using a metal detector, I located the brass cap/iron post under the pavement of Forest Service Road No. 28. I did not uncover the monument.

From which bearing trees marked by Gordon Long in 1978:

A 40" red cedar bears N. $60^{\circ} 30'$ E., 41.3 feet, with scribe marks "14 HES 179 BT" visible on a partially healed single blaze.

A 40" Douglas fir bears S. $44^{\circ} 10'$ W., 206.8 feet, (rec. 48", S. 46° W.) with a healed single blaze.

Meander Corner 15, H.E.S. 179: Found a 2-1/2" diameter brass cap attached to a 1" diameter iron post, firmly set, projecting 6" above a 3 foot diameter mound of stone, brass cap marked as shown on C.S. file 57/39 by the D.C.S.O. in 1975. The corner is 3 feet from the edge of the bank of Quartz Creek.

From which an original listing bearing tree marked in 1913:

A 44" Douglas fir bears N. 33° W., 22.0 feet, (rec. 24" Douglas fir, marked "H" bears N. 33° W., 36 links) with a healed single blaze.

and the remaining original H.E.S. accessories set in 1916:

A 34" Douglas fir bears N. $72-1/4^{\circ}$ W., 10.6 feet, with a healed single blaze.

A 2 foot diameter mound of stone bears N. 84° W., 4.2 feet (rec. N. 72° W. per C.S. file 57/39) with a 1" diameter axle projecting 2" above the mound of stone (bearing is to the axle).

and a bearing tree marked by D.C.S.O. in 1975 recorded in C.S. file 57/39:

A 30" Douglas fir bears S. $33^{\circ} 20'$ W., 54.8 feet, (rec. S. 41° W., 55.2 feet) with a healed double blaze.





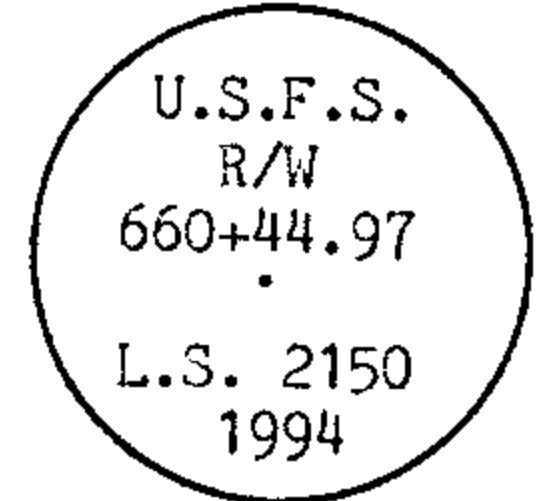
and a guard post I set:

An aluminum post bears N. 49° 30' W., 3.8 feet, firmly set, projecting 4 feet above the ground with Forest Service signs #54-2 and #54-9 attached.

The magnetic declination was found to be 17-3/4° East.

CORNER MONUMENT SET

R/W Point P.O.T. 660+44.97 Right: At the point determined by this survey, I set a 2-1/2" diameter iron post, 30" long, 28" in the ground, with a 2 foot diameter mound of stone raised flush with the top, with a 2-1/2" diameter brass cap attached and stamped as shown.



From which new accessories marked:

A 40" red cedar bears N. 37° 20' E., 39.8 feet. This tree is also identical to a bearing tree for corner 14. It is not rescribed.

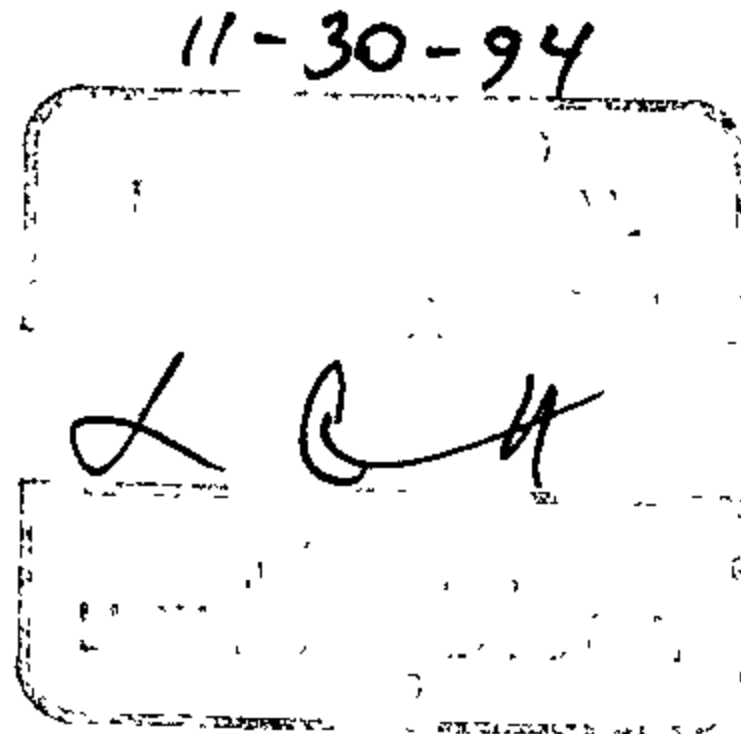
A 6" Douglas fir bears S. 75° 10' E., 22.5 feet, scribed "R/W BT" on a single blaze.

A 4"x4" wood post, 6 feet long, set 2 feet in the ground, bears S. 49° 50' E., 6.6 feet, with Forest Service signs nos. 54-2, 54-8, and 54-9 attached.

A 6 foot long aluminum post, set 2 feet in the ground, bears S. 29° 45' W., 2.0 feet, as a guard post with Forest Service signs nos. 54-2 and 54-9 attached.

A railroad spike bears N. 49° 50' W., 5.1 feet, set in the edge of pavement.

The magnetic declination was found to be 17-3/4° East.



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L. S. 2150
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P.O. Box 1008
Roseburg, OR 97470

FILED

Certificate
expires 6/30/95

Date: 1-6-95 by: JP
This survey consists of
Map C.S. 63/158
Narrative C.S. 63/158
Corner loc C.S. 63/158

DOUGLAS COUNTY
SURVEYOR



Caring for the Land and Serving People

SURVEY NO. C.S. File No. 63/158-1E