

ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

CORRECTIVE DEPENDENT RESURVEY

OF A PORTION OF THE SUBDIVISIONAL LINES,

DEPENDENT RESURVEY

OF A PORTION OF THE SUBDIVISIONAL LINES,

THE SUBDIVISION OF SECTION 20,

AND THE METES-AND-BOUNDS SURVEY OF

LOT 2, IN SECTION 20,

TOWNSHIP 5 NORTH, RANGE 27 EAST,

OF THE WILLAMETTE MERIDIAN,

IN THE STATE OF OREGON.

EXECUTED BY

Bryan S. Seibold, Cadastral Surveyor

Under Special Instructions dated November 2, 1999,
approved November 2, 1999, which provided for the surveys included
under Group No. 1932, and assignment instructions dated February 25, 2000.

*Survey commenced March 13, 2000**Survey completed June 21, 2000*

INDEX DIAGRAM

TOWNSHIP 05 NORTH RANGE 27 EAST

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T. 5 N., R. 27 E., Willamette Meridian, Oregon

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The following field notes are those of the corrective dependent resurvey of a portion of the subdivisional lines, the dependent resurvey of a portion of the subdivisional lines, the subdivision of section 20 and the metes-and-bounds survey of Lot 2 in section 20, township 5 north, range 27 east, Willamette Meridian, Oregon.

The history of surveys pertaining to this survey is as follows:

In 1861, Timothy W. Davenport, U.S. Deputy Surveyor, surveyed the subdivisional lines.

In 1975, Frank A. Tuers, Cadastral Surveyor, resurveyed a portion of the subdivisional lines.

On file with the Morrow County Surveyor there is a plat referenced as follows: "Not Recorded, but referred to in deeds. This copy to County Assessor. Ladd Estate Company. Fred W. Rodolf, Chief Eng'r." This is a plat for a survey performed by a surveyor named Worthington in 1906 and was recorded with the Morrow County Surveyor in 1994, under file No. C-989-E. This survey will be referred to in these field notes as the survey by Worthington in 1906.

While preparing Special Instructions under Group No. 1932, Oregon, a private survey plat by Kenneth M. Wightman II, Registered Professional Land Surveyor No. 942 and James M. Griffis, Registered Professional Land Surveyor No. 1637, was reviewed. This 1983 plat indicates that at the 1/4 section corner of sections 20 and 21 and at the N 1/16 section corner of sections 20 and 21 concrete monuments were found and accepted and that the monuments established by Tuers in 1975 were not utilized. Tuers recovered and accepted corresponding concrete monuments at the NE., SE., and SW. corners of section 20 but did not recover any of the monuments between sections 20 and 21. [The private plat refers to a 1906 survey by Worthington setting these concrete monuments.] The concrete monuments at the 1/4 section corner of sections 20 and 21 and at the N 1/16 section corner of sections 20 and 21 were verified, necessitating the corrective dependent resurvey.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated November 2, 1999, for Group No. 1932, Oregon.

The directions of the lines are based on the true meridian as determined by direct solar observations and were carried forward by means of sustained angulation. All measurements along the

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lines were derived through the use of electronic measuring equipment. An analysis of the unadjusted field data assured a closure not exceeding 1:4000 in error. Measured distances and directions have been adjusted by Cadastral Measurement Management (CMM), computer software that incorporates a least squares adjustment routine. The adjusted bearings and distances are reported to the nearest second and 0.01 foot.

Preliminary to the resurvey, the lines of the prior surveys were retraced and search was made for all corners and other calls of record. Identified corners were remonumented in their original positions. The retracement data were thoroughly verified and only the true line field notes are given herein.

The geographic position (NAD 1983 (91)) of the corner of sections 19, 20, 29 and 30, as determined by a tie to U.S. Army Corps of Engineers control station "IRRIGON", is as follows:

Latitude: 45° 53' 37.72" N. Longitude: 119° 28' 25.06" W.

The mean magnetic declination is 20½° East.

**Corrective Dependent Resurvey of a Portion
of the Subdivisional Lines,
T. 5 N., R. 27 E., Willamette Meridian, Oregon**

(Restoring the survey by Timothy W. Davenport, in 1861 and
correcting the resurvey by Frank A. Tuers, in 1975)

Beginning at the cor. of secs. 20, 21, 28 and 29, monumented with an iron post, 2½ ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd.

T 5 N	R 27 E
S 20	S 21

S 29	S 28
1975	

No accessories available.

Corner is located alongside of a steel fence post.

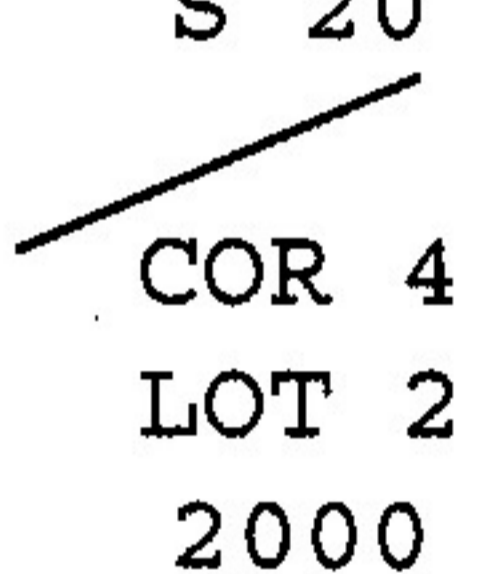
N. 0° 00' 20" W., bet. secs. 20 and 21.

Across nearly level ground, through agricultural fields.

Subdivision of Section 20,
T. 5 N., R. 27 E., Willamette Meridian, Oregon

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	<p>from which</p> <p>A utility pole, 10 ins. diam., bears S. 85½° E., 155.8 ft. dist., No. 5N27E 203401.</p> <p>A utility pole, 11 ins. diam., bears S. 45½° W., 98.1 ft. dist., No. 5N27E 202401.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Corner is located S. 73° W., 4 ft. dist. from a fence corner, with barbed wire fences extending N. 75° E. and S.</p> <p>From this point, the point of spiral at station 97 + 65.59 on the southerly right-of-way of Oregon State Highway No. 730 bears S. 76° 01' 21" W., 172.94 ft. dist., hereinafter described.</p> <p>Across nearly level ground.</p>
345	Oregon State Highway No. 730, asphalt-surfaced, 45 ft. wide, bears N. 75° E. and S. 75° W.
824.65	The center W 1/16 sec. cor. of sec. 20.
<hr/> <p>Metes-and-Bounds Survey of Lot 2 in Section 20, T. 5 N., R. 27 E., Willamette Meridian, Oregon</p> <hr/>	
	<p>Beginning at cor. No. 1, Lot 2, identical with the SW 1/16 sec. cor. of sec. 20, hereinbefore described.</p> <p>Thence, N. 89° 59' 45" W., on line 1-2 of Lot 2, identical with a portion of the E-W centerline of the SW¼ of sec. 20.</p>
1321.66	Corner No. 2, Lot 2, identical with the S 1/16 sec. cor. of secs. 19 and 20, hereinbefore described.
	<hr style="width: 20%; margin: auto;"/> <p>Thence, N. 0° 00' 07" W., on line 2-3 of Lot 2, identical with a portion of the line between secs. 19 and 20.</p>
464.81	Corner No. 3, Lot 2, hereinbefore described.
<hr/> <p>NOTE</p> <hr/> <p>The following right-of-way was determined from the centerline data shown on the highway design sheet for Oregon State Highway No.</p>	

Metes-and-Bounds Survey of Lot 2 in Section 20,
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	<p>730, drawing No. 8B-18-20, dated 1960, obtained from the Oregon Department of Transportation in Pendleton, Oregon. The right-of-way width is 50 feet either side of the centerline. The tangent bearing on the southerly right-of-way of Oregon State Highway No. 730 between station 130+00.00 POT and station 110+03.92 PT was determined from recovered local monuments. The recovered monument on the southerly right-of-way of Oregon State Highway No. 730 at station 130.+00.00 POT was recovered and used for control for stationing. The recovered monument on the southerly right-of-way of Oregon State Highway No. 730 at station 110+03.92 PT was found to be short by 1.49 ft. dist. from the design criteria, and was used to control bearing only.</p>
	<p>Thence, N. 76° 07' 21" E., on line 3-4 of Lot 2, identical with the southerly right-of-way of Oregon State Highway No. 730.</p> <p>Over nearly level ground.</p>
1188.04	<p>Point for cor. No. 4 of Lot 2, at point of spiral curve on the southerly right-of-way of Oregon State Highway No. 730 at Station No. 97 + 65.59.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>S 20</p>  <p>COR 4</p> <p>LOT 2</p> <p>2000</p> </div> <p>from which</p> <p>A utility pole, 11 ins. diam., bears S. 74½° E., 101.4 ft. dist., No. 5N27E 202401.</p> <p>A utility pole, 11 ins. diam., bears S. 56½° W., 147.9 ft. dist., No. 5N27E 201302.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Corner is located N., 53 ft. dist. from a barbed wire fence extending N. 75° E. and S. 75° W. and S., 54 ft. dist. from the center of Oregon State Highway No. 730, asphalt-surfaced, 45 ft. wide, bears N. 75° E. and S. 75° W.</p>

**Metes-and-Bounds Survey of Lot 2 in Section 20,
T. 5 N., R. 27 E., Willamette Meridian, Oregon**

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	<p>From this point, a point on the tangent of the southerly right-of-way of Oregon State Highway No. 730 at station 130+00.00, established by persons unknown and utilized by J.V. Toronto and Associates in 1968, recorded with the Morrow County Surveyor, file No. B-47-K, further perpetuated by G. Dennis Edwards, Registered Professional Land Surveyor No. 951 in 1980, recorded with the Morrow County Surveyor, file No. D-383-K, and by Kenneth M. Wightman II, Registered Professional Land Surveyor No. 942 and James M. Griffis, Registered Professional Land Surveyor No. 1637, in 1983, recorded with the Morrow County Surveyor, file No. C-646-K, bears N. 72° 07' 43" E., 3237.49 ft. dist., and is accepted as a controlling monument for this survey; monumented with a steel fence post, firmly set flush with the ground. The cor. is located in a barbed wire fence extending N. 70° E. and S. 70° W. and S. 35° E., 1.5 ft. dist. from a 4x4 in. wood post.</p> <p>From this same point, a point on the southerly right-of-way of Oregon State Highway No. 730 near station 110+03.92, established by persons unknown and recovered by Kenneth M. Wightman II, Registered Professional Land Surveyor No. 942 and James M. Griffis, Registered Professional Land Surveyor No. 1637, in 1983, recorded with the Morrow County Surveyor, file No. C-646-K, bears N. 73° 38' 55" E., 1243.61 ft. dist., and is accepted as a controlling monument for alignment of the southerly right-of-way; monumented with an iron rod, 5/8 in. diam., firmly set 5 ins. below ground. The cor. is located in a barbed wire fence extending N. 70° E. and S. 70° W. and S. 38° E., 0.5 ft. dist. from a 4x4 in. wood post.</p> <hr/> <p>The following line is a 50.00 ft. offset of a portion of a spiral curve. The centerline data for the whole spiral is: Central Angle=0° 37' 30", L=250.00 ft. dist, with an increase in degree of curve per station of the spiral of 0.25°.</p> <p>Thence on line 4-5, of Lot 2, on the offset of a arc of a spiral curve to the left, the chord of which bears N. 76° 01' 21" E., 172.94 ft., dist.</p>
172.94	<p>Cor. No. 5 of Lot 2, at intersection with the N. and S. centerline of the SW¼ of sec. 20, hereinbefore described.</p> <hr/> <p>Thence S. 0° 00' 19" E., on line 5-6 of Lot 2, identical with a portion of the N-S centerline of the SW¼ of sec. 20.</p>
291.67	<p>Corner No. 6, Lot 2, hereinbefore described.</p> <hr/>

**Metes-and-Bounds Survey of Lot 2 in Section 20,
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	Thence S. 0° 01' 04" E., on line 6-7 of Lot 2, identical with a portion of the N-S centerline of the SW¼ of sec. 20.
168.76	Corner No. 7, Lot 2, identical with the center S-N SW 1/256 sec. cor. of sec. 20, hereinbefore described.

	Thence S. 0° 03' 51" E., on line 7-1 of Lot 2, identical with a portion of the N-S centerline of the SW¼ of sec. 20.
331.19	Corner No. 1, Lot 2, and point of beginning.

	GENERAL DESCRIPTION
	<p>The lands included in the foregoing resurvey are located in gradually sloping to nearly level ground approximately 1 mile northeasterly of Irrigon, Oregon. The elevation ranges from approximately 400 feet above sea level in the SE. corner of section 20 to about 270 feet above sea level near the Columbia River.</p> <p>The area to the South of Oregon State Highway No. 730 is generally agricultural land with houses scattered throughout the area. The area North of Oregon State Highway No. 730 is located within the Irrigon Wildlife Area and consists of scattered trees, brush sagebrush, ponds, marshes and swamps scattered through the area.</p> <p>Access to the area surveyed is gained via Interstate Route 84, Interstate Route 82 and Oregon State Highway No. 730, with other paved, graveled and dirt roads branching into the areas surveyed.</p> <p>No mineral deposits were noted along the lines resurveyed. The lands are used primarily for agriculture and wildlife.</p> <p>The mean magnetic declination, as obtained from U.S. Geological Survey quadrangle map "IRRIGON, OREG.-WASH." 1962 edition, photo-revised in 1970 and photo-inspected in 1975, is 20½° East.</p>

CERTIFICATE OF SURVEY

I, Bryan S. Seibold, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 2nd day of November, 1999, I have corrected the dependent resurvey of a portion of the subdivisional lines, dependently resurveyed a portion of the subdivisional lines, subdivided section 20 and surveyed by metes-and-bounds Lot 2, in section 20, township 5 north, range 27 east, of the Willamette Meridian, in the State of Oregon, which are represented in the foregoing field notes as having been executed by me and under my direction. Said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

MAY 29, 2001

(Date)

Bryan S. Seibold
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Portland, Oregon

The foregoing field notes of the corrective dependent resurvey of a portion of the subdivisional lines, the dependent resurvey of a portion of the subdivisional lines, the subdivision of section 20 and the metes-and-bounds survey of Lot 2, in section 20, township 5 north, range 27 east, Willamette Meridian, Oregon, executed by Bryan S. Seibold, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

JUNE 4, 2001

(Date)

Wayne M. Gardner
(Chief Cadastral Surveyor of Oregon)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY That the foregoing transcript of the field notes of the above described surveys in T. 5 N., R. 27 E., Willamette Meridian, Oregon, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor of Oregon)~~