

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES
OF THE
DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES
AND ADJUSTED RECORD MEANDERS OF THE LEFT BANK OF
THE UMPQUA RIVER THROUGH SECTION 11,
AND
THE SUBDIVISION OF SECTION 11,
TOWNSHIP 24 SOUTH, RANGE 7 WEST,
OF THE WILLAMETTE MERIDIAN,
IN THE STATE OF OREGON.

EXECUTED BY

Dale T. Bedell, Cadastral Surveyor

Under Special Instructions dated April 14, 1994, approved April 19, 1994,
which provided for the surveys included under Group No. 1728,
and Assignment Instructions dated May 3, 1994.

Survey commenced May 9, 1994

Survey completed April 12, 1995

T. 24 S., R. 7 W., Willamette Meridian, Oregon

CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines and adjusted record meanders of the left bank of the Umpqua River through section 11, and the subdivision of section 11, township 24 south, range 7 west, Willamette Meridian, Oregon.

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

In 1853, Robert Elder and Henry S. Gile, U. S. Deputy Surveyors, surveyed the east boundary of the township.

In 1857, Dennis Hathorn, U. S. Deputy Surveyor, surveyed a portion of the subdivisional lines and the meanders of the Umpqua River.

In 1857, Dennis Hathorn, U. S. Deputy Surveyor, surveyed the boundaries of Donation Land Claim No. 37.

In 1893-94, Williams R. Whipple, U. S. Deputy Surveyor, completed the survey of the subdivisional lines and retraced a portion of the subdivisional lines.

In 1993, Wayne L. Rogers, Cadastral Surveyor, and Robert H. Browning, Surveying Technician, resurveyed a portion of the east boundary.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated April 14, 1994, for Group No. 1728, 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 lines were derived through the use of electronic measuring equipment.

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. Lost corners were reestablished and remonumented at proportionate positions based on the official record. The retracement data were thoroughly verified and only the true line field notes are given herein. All lines not forming a closure were measured twice.

Detectable Electronically Energized Particles (DEEP-1 TM) were buried as memorials at certain corner monuments. The DEEP-1 is composed of strontium encased in a color coded plastic container. The units are 1 inch in diameter, 2½ inches long, weigh 2½ ounces, and are magnetically detectable to an average depth of 8 feet.

The geographic position (NAD 1927) of the corner of sections 11, 12, 13, and 14, as determined by a tie to Geodetic Control Station EC 41229, established by the Bureau of Land Management in 1994, is as follows:

T. 24 S., R. 7 W., Willamette Meridian, Oregon

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	<p>Latitude 43° 29' 26.81" N. Longitude 123° 29' 07.12" W. The mean magnetic declination is 18½° East.</p> <hr/> <p>Dependent Resurvey of a Portion of the Subdivisional Lines, T. 24 S., R. 7 W., Willamette Meridian, Oregon</p> <hr/> <p>(Restoring the survey by Dennis Hathorn in 1857, and the survey by Williams R. Whipple in 1893-94)</p> <hr/> <p>Beginning at the ¼ sec. cor. of secs. 13 and 14, perpetuated by James W. Byron, Deputy County Surveyor, in 1961, from original evidence no longer in evidence, as recorded in Douglas County Surveyor's Office corner renewal file No. 81; monumented with an iron post, 1¼ ins. diam., firmly set, projecting 16 ins. above ground, set in concrete, with brass cap mkd.</p> <p style="text-align: center;">COUNTY SURVEYORS OFFICE T24S R7W 1/4 S 14 * S 13 1961</p> <p>from which bearing trees mkd. by Byron</p> <p style="padding-left: 40px;">A fir, 24 ins. diam., bears N. 60° E., 53 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A fir, 17 ins. diam., bears S. 75° W., 92 lks. dist., with healed blaze.</p> <p>N. 0° 14' 00" E., bet. secs. 13 and 14.</p> <p>Descend over a steep NE. slope, through heavy timber and dense undergrowth.</p>
17.60	County Road No. 57, asphalt surface, 30 lks. wide, bears N. 20° W. and S. 25° E.
21.305	<p>Point selected for the witness cor. to the meander cor. of secs. 13 and 14, on the left bank of the Umpqua River.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T24S R7W W C M C * S 14 * S 13 1994</p>
	<p>from which</p> <p style="padding-left: 40px;">A fir, 18 ins. diam., bears S. 35° E., 15 lks. dist., mkd. X BT.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 24 S., R. 7 W., Willamette Meridian, Oregon**

CHAINS	
	<p style="text-align: center;">A fir, 20 ins. diam., bears S. 3° W., 66½ lks. dist., mkd. X BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at the base of the stainless steel post.</p>
22.10	Ravine, drains N. 80° E.; continue over river bottom.
24.690	True point for the meander cor. of secs. 13 and 14, for the left bank of the Umpqua River at proportionate distance; there is no remaining evidence of the original corner. This point is located on the steep sandy bank of the river above the water level, but below the mean high waterline where it is impractical to establish a permanent monument.
25.20	Left bank of the Umpqua River, edge bears N. 30° W. and S. 30° E., course N. 30° W.
36.965	Point for the meander cor. of secs. 13 and 14, for the right bank of the Umpqua River, at proportionate distance; there is no remaining evidence of the original corner. Point is located in the river; no permanent monument established.
39.15	Right bank of the Umpqua River, edge bears N. 25° W. and S. 25° E.; continue over river bottom.
40.480	<p>Point for the cor. of secs. 11, 12, 13, and 14, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T24S R7W S 11 * S 12 S 14 * S 13 1994</p> <p>from which</p> <p>A stainless steel post, 28 ins. long, 2½ ins. diam., set 22 ins. in the ground, for a reference monument, bears N. 49° 48' 00" E., 32 lks. dist., with brass cap mkd. RM T24S R7W S12 21.1 FT TO COR 1994 and an arrow pointing to the corner. Deposit a silver "DEEP-1" magnetic marker at the base and a steel fence post, 6 ft. long, alongside the stainless steel post.</p> <p>A stainless steel post, 28 ins. long, 2½ ins. diam., set 22 ins. in the ground, for a reference monument, bears S. 50° 29' 00" E., 67 lks. dist., with brass cap mkd. RM T24S R7W S13 44.2 FT TO COR 1994 and an arrow pointing to the corner. Deposit a purple "DEEP-1" magnetic marker at the base and a steel fence post, 6 ft. long, alongside the stainless steel post.</p> <p>Deposit a white "DEEP-1" magnetic marker at the base and a steel fence post, 6 ft. long, alongside the corner post.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
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CHAINS

The corner is located West, 5.65 chs. dist. from State Highway No. 138, asphalt surface, 40 lks. wide, bears N. 20° W. and S. 20° E.

From this point, the Bureau of Land Management Geodetic Control Station No. EC 41229, at latitude 43° 30' 04.567" N., longitude 123° 29' 29.393" W. (NAD 1927), determined by the NAVSTAR Global Positioning System, bears N. 23° 14' 52" W., 63.045 chs. dist. (mean bearing and sea level distance); monumented with an aluminum cap, 3¼ ins. diam., set flush in bedrock, in concrete, mkd. EC 41229 GPS 1994 and a triangle.

From this same point, the ¼ sec. cor. of secs. 11 and 12, bears N. 0° 20' 30" E., 40.480 chs. dist., hereinafter described.

From this same point, the ¼ sec. cor. of secs. 12 and 13, bears S. 88° 53' 30" E., 40.490 chs. dist., reestablished at proportionate measurement by Don E. Garrett, Registered Land Surveyor No. 544, in 1966, as recorded in Douglas County Surveyor's Office map file No. M33-8, and further perpetuated by Wilford N. Haines, Registered Land Surveyor No. 239, in 1983, as recorded in Douglas County Surveyor's Office map file No. M95-31. There is no remaining evidence of the original corner, therefore, this position is accepted as the corner; monumented with an iron rod, 5/8 in. diam., firmly set, projecting 3 ins. above ground, from which bearing trees mkd. by Haines:

A fir, 18 ins. diam., bears S. 22° E., 19 lks. dist., with healed double blaze.

A fir, 7 ins. diam., bears N. 45° W., 6 lks. dist., with healed double blaze.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.

T24S R7W
S 12
1/4 -----
S 13
1994

Deposit a white "DEEP-1" magnetic marker at the base and an iron rod alongside the stainless steel post.

From the ¼ sec. cor. of secs. 12 and 13, the cor. of secs. 7, 12, 13, and 18 on the E. bdy. of the Tp., bears S. 88° 46' 30" E., 40.545 chs. dist.; monumented with a stainless steel post, 2½ ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.

T24S
R7W R6W
S 12 * S 7
S 13 * S 18
1993

from which a bearing tree mkd. by Grant

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 24 S., R. 7 W., Willamette Meridian, Oregon**

CHAINS	
	<p style="text-align: center;">A grand fir, 27 ins. diam., bears N. 85° E., 28 lks. dist., with healed blaze.</p> <p>and a bearing tree mkd. by Garrett</p> <p style="text-align: center;">A grand fir, 22 ins. diam., bears S. 74° E., 90 lks. dist., with a healed double blaze.</p> <p>and a bearing tree mkd. by person(s) unknown and reported by Rogers and Browning</p> <p style="text-align: center;">A madrone, 28 ins. diam., bears N. 73° W., 30 lks. dist., with a healed blaze.</p> <p>and a bearing tree mkd. by Rogers and Browning</p> <p style="text-align: center;">A fir, 12 ins. diam., bears S. 24° W., 14 lks. dist., with scribe marks T24S R7W S13 BT visible on partially healed blaze.</p>
	<p>From the cor. of secs. 11, 12, 13, and 14.</p> <p>N. 89° 23' 00" W., bet. secs. 11 and 14.</p> <p>Descend over nearly level river bottom, through moderate undergrowth.</p>
0.70	Right bank of the Umpqua River, edge bears N. 25° W. and S. 25° E., course N. 25° W.
2.010	Point for the meander cor. of secs. 11 and 14 for the right bank of the Umpqua River at proportionate distance; there is no remaining evidence of the original corner. Point is located in the river, no permanent monument established.
7.040	True point for the meander cor. of secs. 11 and 14 for the left bank of the Umpqua River at proportionate distance; there is no remaining evidence of the original corner. Point is located in the river where it is impractical to establish a permanent monument.
7.25	Left bank of the Umpqua River, edge bears N. 25° W. and S. 25° E.; asc. over a steep NE. slope.
8.30	County Highway No. 57, asphalt surface, 30 lks. wide, bears N. 10° W. and S. 10° E.
8.610	Point selected for the witness cor. to the meander cor. of secs. 11 and 14, for the left bank of the Umpqua River.
	<p>Set a brass tablet, 3¼ ins. diam., 3½ in. stem, in drill hole in bedrock, with top mkd.</p>
	<p>WC T24S R7W S 11 ----- MC S 14 1994</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 24 S., R. 7 W., Willamette Meridian, Oregon**

CHAINS	
	<p>from which</p> <p style="padding-left: 40px;">A hemlock, 30 ins. diam., bears N. 73° E., 77 lks. dist., mkd. X BT.</p> <p style="padding-left: 40px;">The base of a rock ledge, 40 ft. high, bears S. 34½° W., 20 lks. dist., edge bears N. 10° W. and S. 10° E., mkd. X BO.</p> <p>The corner is located at the base of a rock bluff, 40 ft. high, edge bears N. 10° W. and S. 10° E.</p>
20.65	<p>Ridge, bears N. 30° W. and S. 30° E.; desc. over a broken SW. slope.</p>
40.265	<p>The ¼ sec. cor. of secs. 11 and 14, perpetuated by Ben B. Irving, Deputy County Surveyor, in 1938, as recorded in Douglas County Surveyor's Office corner renewal file No. 12, further perpetuated by James W. Byron, Deputy County Surveyor, in 1958, as recorded in Douglas County Surveyor's Office corner renewal file No. 45; monumented with an iron post, 1¼ ins. diam., firmly set, projecting 16 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">COUNTY SURVEYORS OFFICE T24S S 11 1/4 ----- S 14 R7W 1958</p> <p>from which the remains of an original bearing tree</p> <p style="padding-left: 40px;">A fir snag, 30 ins. diam., bears N. 40° W., 34 lks. dist., with healed blaze.</p> <p>and the remains of bearing trees mkd. by Irving</p> <p style="padding-left: 40px;">A fir stump, 23 ins. diam., bears S. 10° E., 42 lks. dist., with scribe marks BT visible on bark blaze.</p> <p style="padding-left: 40px;">A fir snag, 20 ins. diam., bears N. 62° W., 16 lks. dist., with healed double blaze.</p> <p>and a bearing tree mkd. by Byron</p> <p style="padding-left: 40px;">A hemlock, 28 ins. diam., bears S. 23° W., 95 lks. dist., with healed blaze.</p> <p>and a new bearing tree</p> <p style="padding-left: 40px;">A fir, 12 ins. diam., bears N. 74° W., 28 lks. dist., mkd. 1/4 S11 BT.</p> <p>The corner is located on a SW. slope on S. edge of timber, edge bears E. and W.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 24 S., R. 7 W., Willamette Meridian, Oregon**

CHAINS	
	<p>From the $\frac{1}{4}$ sec. cor. of secs. 10 and 11, perpetuated by G. Robert Lecklider, Registered Land Surveyor No. 362, in 1957, as recorded in the Douglas County Surveyor's Office corner renewal file No. 26; monumented with a stone, 14 x 12 x 8 ins., firmly set, projecting 6 ins. above ground, with top mkd. X, from which the remains of the original bearing trees:</p> <p style="padding-left: 40px;">A yew, 18 ins. diam., bears N. 80° E., 96 lks. dist., with healed blaze. (Record, 91 lks.)</p> <p style="padding-left: 40px;">A roothole, bears N. 64° W., 102 lks. dist., with down cedar alongside, 36 ins. diam., no marks visible.</p> <p>and bearing trees mkd. by Lecklider</p> <p style="padding-left: 40px;">A hemlock, 28 ins. diam., bears S. 57$\frac{1}{2}$° E., 45 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A cedar, 24 ins. diam., bears N. 65° W., 9$\frac{1}{2}$ lks. dist., with healed blaze.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2$\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 2 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T24S R7W 1/4 S 10 * S 11 1994</p> <p>Deposit stone alongside the stainless steel post.</p> <p>N. 0° 05' 30" W., bet. secs. 10 and 11.</p> <p>Descend over broken NW. slope, through heavy timber and dense undergrowth.</p>
19.975	<p>Point for the N 1/16 sec. cor. of secs. 10 and 11.</p> <p>Set a stainless steel post, 28 ins. long, 2$\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">N 1/16 S 10 * S 11 1994</p> <p>from which</p> <p style="padding-left: 40px;">A cedar, 32 ins. diam., bears N. 36° E., 9 lks. dist., mkd. N 1/16 S11 BT.</p> <p style="padding-left: 40px;">A hemlock, 19 ins. diam., bears West, 8$\frac{1}{2}$ lks. dist., mkd. N 1/16 S10 BT.</p> <p>Descend over NW. slope.</p>
24.85	<p>Creek, 5 lks. wide, course N. 20° E.; asc. over broken SE. slope.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 24 S., R. 7 W., Willamette Meridian, Oregon**

CHAINS	
30.20	Spur, slopes N. 75° E.; desc. over NE. slope.
41.425	<p>The cor. of secs. 2, 3, 10, and 11, perpetuated by Fred L. Dow, Registered Professional Engineer No. 1262, in 1953, as recorded in Douglas County Surveyor's Office file No. 41/233, further perpetuated by Arthur R. Evans, Professional Registered Engineer No. 2741, as recorded in Douglas County Surveyor's Office file No. 41/330, further perpetuated by John M. Powell, Deputy County Surveyor, in 1970, as recorded in Douglas County Surveyor's Office corner renewal file No. 114; monumented with a steel axle, 1 in. diam., firmly set, projecting 4 ins. above ground, from which the remains of an original bearing tree:</p> <p style="padding-left: 40px;">A decayed fir stump, 42 ins. diam., bears N. 35° E., 13 lks. dist., no marks visible. (Record, N. 23° E., 11 lks.)</p> <p>and bearing trees mkd. by Dow</p> <p style="padding-left: 40px;">A fir, 30 ins. diam., bears S. 51° E., 44 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A fir, 29 ins. diam., bears S. 16° W., 84 lks. dist., with healed blaze.</p> <p>and bearing trees mkd. by Powell</p> <p style="padding-left: 40px;">A fir, 18 ins. diam., bears N. 73° E., 53 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A fir, 20 ins. diam., bears N. 24° W., 62 lks. dist., with healed blaze.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T24S R7W S 3 * S 2 S 10 * S 11 1994</p> <p>Deposit a white "DEEP-1" magnetic marker at the base, a steel axle with gear under, and a steel fence post alongside the stainless steel post.</p> <hr/> <p>From the cor. of secs. 1, 2, 11, and 12, perpetuated by James W. Byron, Deputy County Surveyor, in 1958, as recorded in the Douglas County Surveyor's Office corner renewal file No. 34, and further perpetuated by Randall Smith and Stephen J. Flause, Deputy County Surveyors, in 1988, as recorded in the Douglas County Surveyor's Office corner renewal file No. 159; monumented with an iron post, 1¼ ins. diam., firmly set, projecting 1 in. above ground, with brass cap mkd.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 24 S., R. 7 W., Willamette Meridian, Oregon**

CHAINS	
	COUNTY SURVEYORS OFFICE T24S <u>S 2 * S 1</u> S 11 * S 12 R7W 1988
	from which the original bearing trees
	An oak, 54 ins. diam., bears N. 10° E., 295 lks. dist., with burned out blaze.
	An oak, 55 lks. diam., bears S. 5° W., 70 lks. dist., with healed blaze.
	An oak, 37 ins. diam., bears N. 84° W., 218 lks. dist., with decayed blaze.
	and bearing trees mkd. by Byron
	An oak, 19 ins. diam., bears N. 11° E., 10 lks. dist., with healed blaze.
	An oak, 13 ins. diam., bears S. 55½° E., 47 lks. dist., with healed blaze.
	An oak, 20 ins. diam., bears N. 82° W., 165 lks. dist., with healed blaze.
	From this point, the ¼ sec. cor. of secs. 11 and 12 bears S. 0° 28' 30" W., 40.340 chs. dist., hereinafter described.
	N. 89° 26' 30" W., bet. secs. 2 and 11.
	Descend over a broken SW. slope, through scattering timber and moderate undergrowth.
35.30	State Highway No. 138, asphalt surface, 40 lks. wide, bears N. 30° W. and S. 30° E.
37.50	Right bank of the Umpqua River, edge bears N. 55° W. and S. 20° E., in a curve, course N. 55° W.
37.965	Point for the meander cor. of secs. 2 and 11, for the right bank of the Umpqua River, at proportionate distance; there is no remaining evidence of the original corner. The corner point falls in the river and is not monumented.
40.540	Point for the ¼ sec. cor. of secs. 2 and 11. The corner point falls in the river and is not monumented.
46.665	Point for the meander cor. of secs. 2 and 11 for the left bank of the Umpqua River, at proportionate distance; there is no remaining evidence of the original corner. The corner point falls in the river where it is impractical to establish a permanent monument.
46.70	The left bank of the Umpqua River, edge bears N. 55° W. and S. 30° E., in a curve; continue over river bottom.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
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CHAINS	
50.600	<p>Point selected for the witness cor. to the meander cor. of secs. 2 and 11, for the left bank of the Umpqua River.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T24S R7W WC S 2 ----- MC S 11 1994</p> <p>from which</p> <p style="padding-left: 40px;">A maple, 8 ins. diam., bears N. 25° E., 12 lks. dist., mkd. X BT.</p> <p style="padding-left: 40px;">A maple, 22 ins. diam., bears S. 52° E., 38 lks. dist., mkd. X BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at the base of the stainless steel post.</p> <p>The corner is located on level land West, 0.35 chs. dist. from top of the left bank of the Umpqua River, edge bears N. 10° E. and S. 10° W., and East, 0.05 chs. dist. from a woven wire fence, extending N. 35° W. and S. 35° E.</p> <p>Continue over level land.</p>
60.805	<p>The W 1/16 sec. cor. of secs. 2 and 11, established by Victor M. McLind, Registered Land Surveyor No. 934, in 1973, as recorded in the Douglas County Surveyor's Office map file No. M50-59 and Volume 14, page 44; monumented with an iron rod, 5/8 in. diam., firmly set with top 4 ins. below surface of ground, and is accepted as the corner, from which reference monuments set by McLind:</p> <p style="padding-left: 40px;">An iron rod, 5/8 in. diam., firmly set, projecting 4 ins. above ground, bears S. 0° 01' E., 1.790 chs. dist.</p> <p style="padding-left: 40px;">An iron rod, 5/8 in. diam., firmly set, projecting 4 ins. above ground, bears S. 0° 02' W., 3.845 chs. dist.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 40 ins. in the ground, the top 12 ins. below ground surface and in a hayfield, with brass cap mkd.</p> <p style="text-align: center;">S 2 W 1/16 ----- S 11 1994</p> <p>from which new reference monuments</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 24 S., R. 7 W., Willamette Meridian, Oregon**

CHAINS	
	<p>A stainless steel post, 28 ins. long, 2½ ins. diam., set 24 ins. in the ground, for a reference monument, bears N. 81° 00' 00" E., 1.255 chs. dist., with brass cap mkd. RM W 1/16 S2 82.8 FT 1994 and an arrow pointing to the corner. Deposit a silver "DEEP-1" magnetic marker at the base and a steel fence post alongside the stainless steel post.</p> <p>A stainless steel post, 28 ins. long, 2½ ins. diam., set 22 ins. in the ground, for a reference monument, bears S. 34° 00' 00" E., 0.908 chs. dist., with brass cap mkd. RM W 1/16 S11 59.9 FT 1994 and an arrow pointing to the corner. Deposit a purple "DEEP-1" magnetic marker at the base and a steel fence post alongside the stainless steel post.</p> <p>Deposit a white "DEEP-1" magnetic marker at the base of the corner post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 89° 25' 30" W., beginning a new measurement.</p> <p>Continue over level pastureland.</p>
7.05	County Road No. 57, asphalt surface, 30 lks. wide, bears N. 60° W. and S. 60° E.
8.55	Creek, 5 lks. wide, course N. 10° E.; asc. over broken NE. slope.
14.50	Ravine, drains N. 10° W.; asc. over broken NE. slope.
16.70	Creek, 2 lks. wide, course N. 10° W.; asc. over broken NE. slope.
20.265	The cor. of secs. 2, 3, 10, and 11.
	<hr/> <p>Adjusted Record Meanders of the Left Bank of the Umpqua River through Section 11, T. 24 S., R. 7 W., Willamette Meridian, Oregon</p> <hr/>
	<p>From the true point for the meander cor. of secs. 11 and 14 for the left bank of the Umpqua River.</p> <p>Thence downstream with the adjusted record meanders of the left bank of the Umpqua River through sec. 11.</p> <p>N. 11° 01' 00" W., 13.435 chs.</p> <p>N. 28° 32' 30" W., 49.085 chs. At 30.880 chs. on this course, point for the special meander cor. at intersection with the E. and W. centerline of sec. 11, hereinafter described.</p> <p>N. 27° 33' 00" W., 28.090 chs. At 14.950 chs. on this course, intersect the N. and S. centerline of sec. 11, not monumented.</p>

**Adjusted Record Meanders of the Left Bank
of the Umpqua River through Section 11,
T. 24 S., R. 7 W., Willamette Meridian, Oregon**

CHAINS	
	<p>At the end of this course, the true point for the meander cor. of secs. 2 and 11, for the left bank of the Umpqua River.</p> <hr/> <p style="text-align: center;">Subdivision of Section 11, T. 24 S., R. 7 W., Willamette Meridian, Oregon</p> <hr/> <p>From the $\frac{1}{4}$ sec. cor. of secs. 11 and 14.</p> <p>N. $0^{\circ} 14' 00''$ E., on the N. and S. centerline of sec. 11.</p> <p>Ascend over broken SW. slope, through heavy timber and dense undergrowth.</p> <p>14.40 Ridge, bears W. and S. 70° E.; desc. over broken NW. slope.</p> <p>21.90 Ravine, drains N. 30° E.; asc. over SE. slope.</p> <p>31.90 Spur, slopes N. 70° E.; desc. over broken NE. slope.</p> <p>38.70 Trail, 5 lks. wide, bears N. 80° W. and SE.</p> <p>39.900 Point for the center $\frac{1}{4}$ sec. cor. of sec. 11, at intersection with the E. and W. centerline.</p> <p>Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T24S R7W C 1/4 S 11 1994</p> <p>from which</p> <p style="padding-left: 40px;">A fir, 13 ins. diam., bears S. $56\frac{1}{4}^{\circ}$ E., 4 lks. dist., mkd. C1/4 S11 BT.</p> <p style="padding-left: 40px;">A fir, 35 ins. diam., bears S. $74\frac{1}{2}^{\circ}$ W., 10 lks. dist., mkd. C1/4 S11 BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at the base of the stainless steel post.</p> <p>The corner is located on a steep NE. slope, 0.50 chs. dist., NE. of a rock bluff, 15 ft. high.</p> <p>Descend over broken NE. slope.</p> <p>51.60 Creek, 1 lks. wide, course N. 35° E.; desc. over broken NE. slope.</p> <p>56.30 County Road No. 57, asphalt surface, 30 lks. wide, bears N. 40° W. and S. 40° E.</p> <p>59.965 The center N $1/16$ sec. cor. of sec. 11, established by Victor M. McLind, Registered Land Surveyor No. 934, in 1973, as recorded in the Douglas County Surveyor's Office map file M50-59, and Volume</p>

Subdivision of Section 11,
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CHAINS	
	<p>iron rod, 5/8 in. diam., firmly set, projecting 1 in. above ground, from which a reference monument set by McLind:</p> <p style="padding-left: 40px;">An iron rod, 5/8 in. diam., firmly set, projecting 5 ins. above ground, bears S. 89° 41' 45" W., 2.085 chs. dist.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 ½ ins. diam., 28 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">C N 1/16 * S 11 C 1994</p> <p>Deposit a white "DEEP-1" magnetic marker at the base of the stainless steel post.</p> <p>The corner is located S. 11° E., 0.65 chs. dist., from the SW. corner of a double wide mobile home, 56 ft. long, 24 ft. wide, the long side of which bears N. 40° W.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0° 14' 00" E., beginning new measurement.</p> <p>Continue over level river bottom.</p>
9.230	Intersect the adjusted record meanders of the left bank of the Umpqua River, not monumented.
18.15	The left bank of the Umpqua River, edge bears N. 30° W. and S. 30° E., course N. 30° W.
20.820	True point for the ¼ sec. cor. of secs. 2 and 11.
	<hr/> <p>From the ¼ sec. cor. of secs. 11 and 12, perpetuated by James W. Byron, Deputy County Surveyor, in 1954, from original evidence no longer in evidence, as recorded in Douglas County Surveyor's Office corner renewal file No. 21; monumented with an iron post, 1¼ ins. diam., firmly set, projecting 14 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">COUNTY SURVEYORS OFFICE T24S R7W 1/4 S 11 * S 12 1954</p> <p>from which bearing trees mkd. by person(s) unknown and recorded by Byron</p> <p style="padding-left: 40px;">An oak, 26 ins. diam., bears N. 19° E., 41½ lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">An oak, 22 ins. diam., bears N. 80½° W., 25½ lks. dist., with healed blaze.</p>

**Subdivision of Section 11,
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CHAINS	
	and a bearing tree mkd. by Byron
	An oak, 14 ins. diam., bears N. 2° W., 53½ lks. dist., with healed double blaze.
	The corner is located North, 0.45 chs. dist. of a graveled road, 15 lks. wide, bears N. 55° W. and SE., in a curve.
	S. 89° 48' 30" W., on the E. and W. centerline of sec. 11.
	Descend over broken NW. slope, through scattering timber and moderate undergrowth.
13.00	State Highway No. 138, asphalt surface, 40 lks. wide, bears N. 30° W. and S. 30° E.
15.10	Right bank of the Umpqua River, bears N. 35° W. and S. 35° E., course N. 35° W.
23.70	Left bank of the Umpqua River, bears N. 35° W. and S. 35° E.; continue over river bottom.
24.620	True point for the special meander cor. on the E. and W. centerline of sec. 11, at intersection with the adjusted record meanders of the left bank of the Umpqua River. This point falls between the river edge and high water line, on a steep sandy bank, where it is impractical to establish a permanent monument.
26.370	Point selected for the witness cor. to the special meander cor. on the E. and W. centerline of sec. 11.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.
	WC S SMC C -----> C 11 1994
	from which
	A myrtle, 18 ins. diam., bears S. 5° W., 39 lks. dist., mkd. X BT.
	A myrtle, 15 ins. diam., bears N. 34 3/4° W., 46½ lks. dist., mkd. X BT.
	Deposit a white "DEEP-1" magnetic marker at the base of the stainless steel post.
	Continue over level river bottom.
30.55	County Road No. 57, asphalt surface, 30 lks. wide, bears N. 30° W. and S. 30° E.; also, begin ascending over broken steep NE. slope.
35.55	Trail, 5 lks. wide, bears N. 40° W. and S. 40° E.
39.60	Trail, 5 lks. wide, bears N. 15° W. and S. 15° E.

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CHAINS	
40.350	The center 1/4 sec. cor. of sec. 11. Ascend over broken, steep NE. slope.
44.00	Spur, slopes N. 40° W.; desc. over broken NW. slope.
53.85	Creek, 4 lks. wide, course N. 25° E.; asc. over steep NE. slope.
60.500	Point for the center W 1/16 sec. cor. of sec. 11. Set a brass tablet, 3¼ ins. diam., 3½ in. stem, in drill hole in bedrock, with top mkd. <div style="text-align: center;"> W 1/16 C ----- C S 11 1995 </div> from which <div style="margin-left: 40px;"> A fir, 28 ins. diam., bears S. 64° W., 32 lks. dist., mkd. CW 1/16 S11 BT. A fir, 32 ins. diam., bears N. 38° W., 30 lks. dist., mkd. CW 1/16 S11 BT. </div> The corner is located on exposed bedrock on steep NE. slope. Ascend over steep NE. slope.
68.55	Ridge, bears N. 30° E. and S. 30° W.; desc. over broken NW. slope.
77.40	Bottom of descent, drains N.; asc. over NE. slope.
79.30	Spur, slopes N. 50° W.; desc. over NW. slope.
80.650	The 1/4 sec. cor. of secs. 10 and 11. <hr/>
	From the center W 1/16 sec. cor. of sec. 11. N. 0° 02' 30" E., on the N. and S. centerline of the NW 1/4 of sec. 11. Ascend over SE. slope, through heavy timber and dense undergrowth.
13.50	Spur, slopes N. 10° E.; desc. over NW. slope.
20.015	Point for the NW 1/16 sec. cor. of sec. 11, at intersection with the E. and W. centerline of the NW¼. Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> NW 1/16 S 11 1995 </div> from which

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CHAINS	
	<p>A fir, 26 ins. diam., bears N. 85° E., 34½ lks. dist., mkd. NW 1/16 S11 BT.</p>
	<p>A fir, 24 ins. diam., bears N. 1° W., 40½ lks. dist., mkd. X BT.</p>
	<p>Deposit a white "DEEP-1" magnetic marker at the base of the stainless steel post.</p>
	<p>Descend over broken NW. slope, changing to NE. slope.</p>
37.00	<p>County Road No. 57, asphalt surface, 30 lks. wide, bears N. 65° W. and S. 65° E.; also, enter level pastureland.</p>
41.145	<p>The W 1/16 sec. cor. of secs. 2 and 11.</p> <hr/>
	<p>From the center N 1/16 sec. cor. of sec. 11.</p>
	<p>S. 89° 40' 00" W., on the E. and W. centerline of the NW¼ of sec. 11.</p>
	<p>Ascend over nearly level river bottom.</p>
2.50	<p>County Road No. 57, asphalt surface, 30 lks. wide, bears N. 50° W. and S. 50° E.; also, begin ascending over NE. slope.</p>
20.05	<p>Spur, slopes N.; desc. over NW. slope.</p>
20.210	<p>The NW 1/16 sec. cor. of sec. 11.</p>
	<p>Descend over NW. slope.</p>
40.415	<p>The N 1/16 sec. cor. of secs. 10 and 11.</p> <hr/>
	<p style="text-align: center;">GENERAL DESCRIPTION</p>
	<p>The lands included in the foregoing survey are located in Douglas County, approximately 12 miles northwesterly of the town of Sutherlin, Oregon.</p>
	<p>The terrain varies from flat along the Umpqua River to mountainous on the east and west boundaries of the section. The elevation ranges from approximately 180 feet above sea level at the position for the 1/4 section corner of sections 2 and 11, to about 1000 feet above sea level near the 1/4 section corner of sections 10 and 11. The area is drained by Yellow Creek and the Umpqua River with numerous other small and seasonal drainage flowing into them.</p>
	<p>The soil is made up of a sandy loam in the river bottom with a rocky clay in the higher elevations. The lands are forested with fir, cedar, hemlock, yew, alder, myrtle, maple, oak, madrone, willow, ash, cottonwood, and chinquapin. The undergrowth consist of ferns, poison oak, arrowwood, hazel, Oregon grape, salal, huckleberry, blackberry, thimbleberry, salmonberry, wild rose, manzanita, rhododendron, and young timber.</p>

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CHAINS

Access is gained via State Highway No. 138, with several paved and graveled roads branching from it into the area.

No mineral deposits were noted along the lines surveyed.

The average mean magnetic declination as shown on the United States Geological Survey 7½ minute, quadrangle maps "TYEE MOUNTAIN, OREGON" AND "TYEE, OREGON," provisional editions, published in 1987, is 18½° East.
