

CHAINS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE NORTH BOUNDARY

AND SUBDIVISIONAL LINES,

THE SUBDIVISION OF SECTIONS 4, 5, AND 8,

THE SURVEY OF THE METES-AND-BOUNDS PORTION OF THE REVISED NORTH BOUNDARY

OF CRATER LAKE NATIONAL PARK THROUGH SECTION 3,

AND

THE METES-AND-BOUNDS SURVEY OF THE REVISED WEST BOUNDARY

OF CRATER LAKE NATIONAL PARK THROUGH SECTIONS 30 AND 31,

TOWNSHIP 29 SOUTH, RANGE 5 EAST,

OF THE WILLAMETTE MERIDIAN,

IN THE STATE OF OREGON.

EXECUTED BY

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Under Special Instructions dated September 11, 1990,

approved September 13, 1990,

which provided for the surveys included under Group No. 1571,

and Assignment Instructions dated September 13, 1990, and September 25, 1991.

*Survey commenced September 14, 1990**Survey completed July 22, 1992*

T. 29 S., R. 5 E., Willamette Meridian, Oregon

CHAINS

The following field notes are those of the dependent resurvey of a portion of the north boundary and subdivisional lines, and the subdivision of sections 4, 5 and 8, the survey of the metes-and-bounds portion of the Revised North Boundary and the metes-and-bounds survey of the Revised West Boundary of Crater Lake National Park, township 29 south, range 5 east, Willamette Meridian, Oregon.

The history of surveys pertaining to this survey, is as follows.

In 1903, Carl R. Caudle, U.S. Examiner of Surveys, surveyed the Original North and West Boundaries of Crater Lake National Park.

In 1909, the United States Geological Survey remarked the Crater Lake National Park Boundary by setting monuments with brass caps alongside the Mile and Half-Mile Post corners. No field notes were made of this survey.

In 1930, Herbert N. Raymond, U.S. Cadastral Engineer, surveyed the north and west boundaries and portions of the south and east boundaries of the township, and that portion of the subdivisional lines outside Crater Lake National Park; and resurveyed a portion of Crater Lake National Park Boundary.

Public Laws 96-553, dated December 19, 1980, and 97-250, dated September 8, 1982, were enacted to revise and correct the boundary of Crater Lake National Park. The survey of the new boundary was performed in accordance with the legal description and map, dated March 1981, made part of said laws.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated September 11, 1990, for Group No. 1571, Oregon.

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

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.

Detectable Electronically Energized Particles (DEEP-1TM) 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 one-quarter section corner of sections 5 and 6, as determined from a tie to Control Station EC 41083, established by the Control Survey Unit, Oregon State Office, Bureau of Land Management, in 1991, is as follows:

Latitude 43° 04' 34.81" N. Longitude 122° 15' 42.08" W.

T. 29 S., R. 5 E., Willamette Meridian, Oregon

CHAINS

The geographic position (NAD 1927) of the United States Geological Survey Post 31, now identical with Angle Point No. 31A on the west boundary of Crater Lake National Park, determined from a tie to Control Station EC 41082, established by the Control Survey Unit, Oregon State Office, Bureau of Land Management, in 1991, is as follows:

Latitude 43° 00' 40.50" N. Longitude 122° 15' 55.74" W.

The mean magnetic declination is 18½° East

**Dependent Resurvey of a Portion of the North Boundary,
T. 29 S., R. 5 E., Willamette Meridian, Oregon**

(Restoring the survey by Herbert N. Raymond in 1930)

Beginning at the cor. of secs. 2, 3, 34, and 35, on the N. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.

T28S R5E
S34 * S35

S3 * S2
T29S
1930

from which the remains of the original bearing trees

A pine, 9 ins. diam., bears S. 48° E., 16 lks. dist., with scribe marks T29S R5E S2 BT visible on partially healed blaze.

A pine snag, 8 ins. diam., bears S. 51° W., 57 lks. dist., with scribe marks T29S R5E S3 BT visible on partially healed blaze.

A pine, 11 ins. diam., bears N. 49° W., 62 lks. dist., with scribe marks T28S R5E S34 BT visible on partially healed blaze.

and new bearing trees

A pine, 12 ins. diam., bears N. 37 3/4° E., 41 lks. dist., mkd. T28S R5E S35 BT.

A pine, 11 ins. diam., bears S. 57° W., 16 lks. dist., mkd. T29S R5E S3 BT.

S. 89° 56' 00" W., bet. secs. 3 and 34.

Over broken ground, through medium timber.

28.815

Intersect line 92B-93B on the Revised North Boundary of Crater Lake National Park.

**Dependent Resurvey of a Portion of the North Boundary,
T. 29 S., R. 5 E., Willamette Meridian, Oregon**

CHAINS	
40.040	<p>From this point, Angle Point No. 92B, bears N. 70° 11' 24" E., 7.365 chs. dist., described in the field notes of the survey of the metes-and-bounds portion of the Revised North Boundary of Crater Lake National Park through unsurveyed T. 28 S., R. 5 E., executed concurrently under this same group.</p> <p>Continue over broken ground.</p> <p>The ¼ sec. cor. of secs. 3 and 34, monumented with an iron post, 1 in. diam., firmly set, projecting 9 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">S 34 1/4 ----- S 3 1930</p> <p>from which the original bearing trees</p> <p style="padding-left: 40px;">A pine, 9 ins. diam., bears S. 3° W., 4 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A pine, 11 ins. diam., bears N. 44° W., 81 lks. dist., with scribe marks 1/4 S34 BT visible on partially healed blaze.</p> <p>The corner is located 30 lks. south of Forest Service Road No. 281, 15 lks. wide, bears N. 70° E. and S. 70° W.</p> <hr/> <p style="text-align: center;">Dependent Resurvey of a Portion of the Subdivisional Lines, T. 29 S., R. 5 E., Willamette Meridian, Oregon</p> <hr/> <p style="text-align: center;">(Restoring the survey by Herbert N. Raymond in 1930)</p> <hr/> <p>From the ¼ sec. cor. of secs. 3 and 4, monumented with an iron post, 1 in. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">1/4 S 4 * S 3 1930</p> <p>from which the original bearing trees</p> <p style="padding-left: 40px;">A pine, 8 ins. diam., bears S. 38½° E., 26 lks. dist., with scribe marks 1/4 S3 BT visible on partially healed blaze.</p> <p style="padding-left: 40px;">A pine, 10 ins. diam., bears S. 87° W., 45 lks. dist., with scribe marks 1/4 S4 BT visible on partially healed blaze.</p> <p>N. 0° 05' 00" E., bet. secs. 3 and 4 on the Revised North Boundary of Crater Lake National Park.</p> <p>Over nearly level ground, through heavy timber.</p>
28.415	<p>Point for Angle Point No. 114B on the Revised North Boundary of Crater Lake National Park. Determined at a point 100 ft. southerly at right angle to the centerline of Forest Service Road No. 281.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 29 S., R. 5 E., Willamette Meridian, Oregon**

CHAINS	
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">S4 AP114B CLNP 1992</p> <p>from which</p> <p style="padding-left: 40px;">A pine, 10 ins. diam., bears N. 82½° E., 15 lks. dist., mkd. X BT.</p> <p style="padding-left: 40px;">A pine, 6 ins. diam., bears N. 67° W., 38½ lks. dist., mkd. S4 BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <p>Leave the Revised North Boundary of Crater Lake National Park.</p> <p>Continue over nearly level ground.</p>
29.930	Forest Service Road No. 281, 15 lks. wide, bears N. 83° W. and S. 83° E.
40.045	<p>The cor. of secs. 3, 4, 33, and 34, on the N. bdy. of the Tp., monumented with an iron post, 2 ins. diam. firmly set, projecting 7 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T28S R5E S33 * S34 ----- S4 * S3 1930</p> <p>from which the original bearing trees</p> <p style="padding-left: 40px;">A pine, 10 ins. diam., bears N. 32° E., 18 lks. dist., with scribe marks 28S R5E S34 B visible on partially healed blaze.</p> <p style="padding-left: 40px;">A pine, 11 ins. diam., bears S. 75° E., 21 lks. dist., with scribe marks S R5E S3 BT visible on partially healed blaze.</p> <p style="padding-left: 40px;">A pine, 11 ins. diam., bears S. 51° W., 23 lks. dist., with scribe marks T29S R5E S4 BT visible on partially healed blaze.</p> <p style="padding-left: 40px;">A pine, 11 ins. diam., bears N. 9½° W., 28 lks. dist., with scribe marks T28S R5E S33 BT visible on partially healed blaze.</p> <hr/> <p style="text-align: center;">Subdivision of Section 4, T. 29 S., R. 5 E., Willamette Meridian, Oregon</p> <hr/> <p>From the ¼ sec. cor. of secs. 3 and 4.</p>

Subdivision of Section 4,
T. 29 S., R. 5 E., Willamette Meridian, Oregon

CHAINS	
	<p>N. 89° 48' 30" W., on the E. and W. center line of sec. 4 on the Revised North Boundary of Crater Lake National Park.</p> <p>Over nearly level ground, through heavy timber.</p>
23.30	Rogue River, 25 lks. wide, course N. 10° E.; asc. over NE. slope.
40.190	<p>Point selected for the witness point on the E. and W. center line.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">WP S4 C-----C CLNP 1992</p> <p>from which</p> <p style="padding-left: 40px;">A pine, 7 ins. diam., bears N. 29 3/4° E., 39½ lks. dist., mkd. WP S4 BT.</p> <p style="padding-left: 40px;">A fir, 8 ins. diam., bears N. 58½° W., 8 lks. dist., mkd. WP S4 BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <p>Continue over broken ground, through heavy timber.</p>
72.30	Descend steep W. slope.
77.50	Mazama Creek, 15 lks. wide, course N. 20° W.; asc. over steep E. slope.
80.125	<p>The ¼ sec. cor. of secs. 4 and 5, monumented with an iron post, 1 in. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">1/4 S 5 * S 4 1930</p> <p>from which the remains of the original bearing trees</p> <p style="padding-left: 40px;">A fir, 13 ins. diam., bears N. 86° E., 21 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A root hole, bears S. 46° W., 32 lks. dist., alongside of which is a dead and down pine, size indeterminate, with scribe marks 1/4 S5 BT visible on partially healed blaze.</p> <p>and a new bearing tree</p> <p style="padding-left: 40px;">A fir, 8 ins. diam., bears N. 12° W., 29 lks. dist., mkd. 1/4 S5 BT.</p> <hr style="width: 60%; margin-left: 0;"/>

Subdivision of Section 5,
T. 29 S., R. 5 E., Willamette Meridian, Oregon

CHAINS	
	<p>From the ¼ sec. cor. of secs. 5 and 8, monumented with an iron post, 1 in. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">S 5 1/4 ----- S 8 1930</p> <p>from which the original bearing trees</p> <p style="padding-left: 40px;">A larch, 19 ins. diam., bears N. 14° E., 47 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A fir, 23 ins. diam., bears S. 54° W., 66 lks. dist., with healed blaze.</p> <p>N. 0° 03' 00" W., on the N. and S. center line of sec. 5 on the Revised North Boundary of Crater Lake National Park.</p> <p>Descend over broken N. slope, through heavy timber.</p>
38.70	Creek, 10 lks. wide, course N. 65° W.; asc. over S. slope.
40.030	<p>Point for the center ¼ sec. cor. of sec. 5, at intersection with the E. and W. center line.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T29S R5E C 1/4 S 5 1992</p> <p>from which</p> <p style="padding-left: 40px;">A fir, 13 ins. diam., bears S. 30° E., 82 lks. dist., mkd. C 1/4 S5 BT.</p> <p style="padding-left: 40px;">A spruce, 13 ins. diam., bears S. 71½° W., 20 lks. dist., mkd. C 1/4 S5 BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <p>Leave the Revised North Boundary of Crater Lake National Park; continue on the N. and S. center line of sec. 5.</p> <p>Ascend SW. slope, through heavy timber.</p>
48.90	Top, edge bears E. and W.; desc. broken NW. slope.
73.10	Spur, slopes S. 70° E.; desc. over a steep N. slope.
77.90	Rogue River, 90 lks. wide, course N. 45° W.; asc. over SW. slope.
80.050	The ¼ sec. cor. of secs. 5 and 32 on the N. bdy. of the Tp., monumented with an iron post, 1 in. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd.

Subdivision of Section 5,
T. 29 S., R. 5 E., Willamette Meridian, Oregon

CHAINS	
	S 32 1/4 ----- S 5 1930
	from which the remains of the original bearing trees
	A larch, 18 ins. diam., bears S. 20° W., 66 lks. dist., with healed blaze.
	A fir snag, 32 ins. diam., bears N. 29° W., 28 lks. dist., with scribe marks 1/4 S32 BT visible on partially healed blaze. (Record, pine, N. 33½° W., 29 lks.)
	and a new bearing tree
	A fir, 9 ins. diam., bears N. 9 3/4° E., 51 lks. dist., mkd. 1/4 S32 BT.
	<hr/> From the ¼ sec. cor. of secs. 4 and 5. S. 89° 58' 30" W., on the E. and W. center line of sec. 5 on the Revised North Boundary of Crater Lake National Park. Ascend broken NE. slope, through heavy timber.
12.30	Top, edge bears NW. and SE.; desc. broken NW. slope.
39.990	The center ¼ sec. cor. of sec. 5. Leave the Revised North Boundary of Crater Lake National Park; continue on the E. and W. center line of sec. 5. Descend over broken W. slope, through heavy timber.
56.10	Enter logged timber, edge bears N. and S.
80.080	The ¼ sec. cor. of secs. 5 and 6, monumented with an iron post, 1 in. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.
	1/4 S 6 * S 5 1930
	from which the remains of the original bearing trees
	A fir snag, 18 ins. diam., bears S. 73° E., 44 lks. dist., with healed blaze.
	A fir, 20 ins. diam., bears S. 10½° W., 33 lks. dist., with healed blaze.
	and a new bearing tree
	A fir, 13 ins. diam., bears S. 87° E., 23½ lks. dist., mkd. 1/4 S5 BT.

**Subdivision of Section 5,
T. 29 S., R. 5 E., Willamette Meridian, Oregon**

CHAINS

From this point, the Bureau of Land Management, Control Station No. EC 41083, at Latitude 43° 04' 14.314" N. and Longitude 122° 15' 40.909" W. (NAD 1927), established in 1991 and determined by NAVSTAR Global Positioning System, bears S. 2° 24' 13" E., 31.464 chs. dist. (mean bearing and sea level distance); monumented with a PVC pipe, 6 ins. diam., firmly set, projecting 28 ins. above ground, supported in a mound of stone and concrete, 5 ft. base, 3 ft. high, with aluminum cap, 3 ins. diam., set in center of PVC pipe, mkd. EC 41083 GPS 1991 and a triangle.

**Subdivision of Section 8,
T. 29 S., R. 5 E., Willamette Meridian, Oregon**

From the ¼ sec. cor. of sec. 8 only, on the Original North Boundary of Crater Lake National Park, monumented with an iron post, 1 in. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd.

S8
¼ -----
1930

from which the original bearing trees

A fir, 22 ins. diam., bears N. 42° E., 27 lks. dist., with healed blaze. (Record, N. 40° E.)

A fir, 21 ins. diam., bears N. 73 ¾° W., 60 lks. dist., with healed blaze. (Record, N. 78° W., 61 lks.)

N. 1° 10' 00" E. on the N. and S. center line of sec. 8, on the Revised North Boundary of Crater Lake National Park.

Over broken ground, through heavy timber.

6.790

The ¼ sec. cor. of secs. 5 and 8.

**Survey of the Metes-and-Bounds Portion of the
Revised North Boundary of Crater Lake National Park,
T. 29 S., R. 5 E., Willamette Meridian, Oregon**

From Angle Point No. 93B on the Revised North Boundary of Crater Lake National Park.

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

AP93B
CLNP
1992

Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.

**Survey of the Metes-and-Bounds Portion of the
Revised North Boundary of Crater Lake National Park,
T. 29 S., R. 5 E., Willamette Meridian, Oregon**

CHAINS	
2.982	<p>From this point, Angle Point No. 92B on the Revised North Boundary of Crater Lake National Park, bears N. 70° 11' 24" E., 9.556 chs. dist., described in the field notes of the survey of the metes-and-bounds portion of the Revised North Boundary of Crater Lake National Park in unsurveyed T. 28 S., R. 5 E., executed concurrently under this same group.</p> <p>Thence on line 93B-94B, on the Revised North Boundary of Crater Lake National Park parallel with and 100 feet southerly of Forest Service Road No. 281, on the arc of a circular curve to the right, through a central angle of 34° 41' 34", having a radius of 325.00 ft.</p> <p>NOTE: Forest Service Road No. 281, cited in Public Law 96-553, is now called Forest Service Road No. 760.</p> <p>To a point of tangency, point for Angle Point No. 94B on the Revised North Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">AP 94B CLNP 1992</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>Continue over broken ground, through heavy timber.</p> <p>N. 75° 07' 02" W., on line 94B-95B on the Revised North Boundary of Crater Lake National Park, on a tangent parallel with and 100 feet southerly of Forest Service Road No. 281.</p> <p>Over broken ground, through heavy timber.</p>
1.084	<p>To a point of circular curve, point for Angle Point No. 95B on the Revised North Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">AP 95B CLNP 1992</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>Continue over broken ground, through heavy timber.</p> <p>Thence on line 95B-96B, on the Revised North Boundary of Crater Lake National Park parallel with and 100 feet southerly of Forest Service Road No. 281, on the arc of a circular curve to the left, through a central angle of 24° 29' 04", having a radius of 100.73 ft.</p>

**Survey of the Metes-and-Bounds Portion of the
Revised North Boundary of Crater Lake National Park,
T. 29 S., R. 5 E., Willamette Meridian, Oregon**

CHAINS	
0.652	<p>To a point of circular curve, point for Angle Point No. 96B on the Revised North Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">AP 96B CLNP 1992</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>Continue over broken ground, through heavy timber.</p> <p>Thence on line 96B-97B, on the Revised North Boundary of Crater Lake National Park parallel with and 100 feet southerly of Forest Service Road No. 281, on the arc of a circular curve to the right, through a central angle of 19° 20' 54", having a radius of 381.45 ft.</p>
1.952	<p>To a point of circular curve, point for Angle Point No. 97B on the Revised North Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">AP 97B CLNP 1992</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>Continue over broken ground, through heavy timber.</p> <p>Thence on line 97B-98B, on the Revised North Boundary of Crater Lake National Park parallel with and 100 feet southerly of Forest Service Road No. 281, on the arc of a circular curve to the left, through a central angle of 31° 37' 25", having a radius of 126.32 ft.</p>
1.056	<p>To a point of tangency, point for Angle Point No. 98B on the Revised North Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">AP 98B CLNP 1992</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/>

**Survey of the Metes-and-Bounds Portion of the
Revised North Boundary of Crater Lake National Park,
T. 29 S., R. 5 E., Willamette Meridian, Oregon**

CHAINS	
3.387	<p>Continue over broken ground, through heavy timber.</p> <p>S. 68° 07' 23" W., on line 98B-99B on the Revised North Boundary of Crater Lake National Park, on a tangent parallel with and 100 feet southerly of Forest Service Road No. 281.</p> <p>To a point of circular curve, point for Angle Point No. 99B on the Revised North Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">AP 99B CLNP 1992</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>Continue over broken ground, through heavy timber.</p> <p>Thence on line 99B-100B, on the Revised North Boundary of Crater Lake National Park parallel with and 100 feet southerly of Forest Service Road No. 281, on the arc of a circular curve to the left, through a central angle of 18° 16' 52", having a radius of 251.56 ft.</p>
1.216	<p>To a point of tangency, point for Angle Point No. 100B on the Revised North Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">AP 100B CLNP 1992</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>Continue over broken ground, through heavy timber.</p>
1.652	<p>S. 49° 50' 31" W., on line 100B-101B, on the Revised North Boundary of Crater Lake National Park on a tangent parallel with and 100 feet southerly of Forest Service Road No. 281.</p> <p>To a point of circular curve, point for Angle Point No. 101B on the Revised North Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.</p>

**Survey of the Metes-and-Bounds Portion of the
Revised North Boundary of Crater Lake National Park,
T. 29 S., R. 5 E., Willamette Meridian, Oregon**

CHAINS	
1.680	<p style="text-align: center;">AP 101B CLNP 1992</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>Continue over broken ground, through heavy timber.</p> <p>Thence on line 101B-102B, on the Revised North Boundary of Crater Lake National Park parallel with and 100 feet southerly of Forest Service Road No. 281, on the arc of a circular curve to the right, through a central angle of 25° 28' 15", having a radius of 249.42 ft.</p> <p>To a point of tangency, point for Angle Point No. 102B on the Revised North Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p>
1.472	<p style="text-align: center;">AP 102B CLNP 1992</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>Continue over broken ground, through heavy timber.</p> <p>S. 75° 18' 46" W., on line 102B-103B on the Revised North Boundary of Crater Lake National Park, on a tangent parallel with and 100 feet southerly of Forest Service Road No. 281.</p> <p>To a point of circular curve, point for Angle Point No. 103B on the Revised North Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.</p>
	<p style="text-align: center;">AP 103B CLNP 1992</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>Continue over broken ground, through heavy timber.</p> <p>Thence on line 103B-104B, on the Revised North Boundary of Crater Lake National Park parallel with and 100 feet southerly of Forest Service Road No. 281, on the arc of a circular curve to the left, through a central angle of 31° 30' 00", having a radius of 93.41 ft.</p>

**Survey of the Metes-and-Bounds Portion of the
Revised North Boundary of Crater Lake National Park,
T. 29 S., R. 5 E., Willamette Meridian, Oregon**

CHAINS	
0.778	<p>To a point of circular curve, point for Angle Point No. 104B on the Revised North Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">AP 104B CLNP 1992</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>Continue over broken ground, through heavy timber.</p> <p>Thence on line 104B-105B, on the Revised North Boundary of Crater Lake National Park parallel with and 100 feet southerly of Forest Service Road No. 281, on the arc of a circular curve to the right, through a central angle of 42° 36' 16", having a radius of 417.00 ft.</p>
4.698	<p>To a point of circular curve, point for Angle Point No. 105B on the Revised North Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">AP 105B CLNP 1992</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>Continue over broken ground, through heavy timber.</p> <p>Thence on line 105B-106B, on the Revised North Boundary of Crater Lake National Park parallel with and 100 feet southerly of Forest Service Road No. 281, on the arc of a circular curve to the left, through a central angle of 16° 25' 35", having a radius of 250.00 ft.</p>
1.086	<p>To a point of circular curve, point for Angle Point No. 106B on the Revised North Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">AP 106B CLNP 1992</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/>

**Survey of the Metes-and-Bounds Portion of the
Revised North Boundary of Crater Lake National Park,
T. 29 S., R. 5 E., Willamette Meridian, Oregon**

CHAINS	
3.693	<p>Continue over broken ground, through heavy timber.</p> <p>Thence on line 106B-107B, on the Revised North Boundary of Crater Lake National Park parallel with and 100 feet southerly of Forest Service Road No. 281, on the arc of a circular curve to the right, through a central angle of 23° 06' 55", having a radius of 604.11 ft.</p> <p>To a point of tangency, point for Angle Point No. 107B on the Revised North Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">AP 107B CLNP 1992</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <hr style="width: 20%; margin: auto;"/> <p>Continue over broken ground, through heavy timber.</p> <p>N. 86° 53' 38" W., on line 107B-108B on the Revised North Boundary of Crater Lake National Park, on a tangent parallel with and 100 feet southerly of Forest Service Road No. 281.</p>
2.939	<p>To a point of circular curve, point for Angle Point No. 108B on the Revised North Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">AP 108B CLNP 1992</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <hr style="width: 20%; margin: auto;"/> <p>Continue over broken ground, through heavy timber.</p> <p>Thence on line 108B-109B, on the Revised North Boundary of Crater Lake National Park parallel with and 100 feet southerly of Forest Service Road No. 281, on the arc of a circular curve to the left, through a central angle of 56° 12' 30", having a radius of 69.82 ft.</p>
1.038	<p>To a point of circular curve, point for Angle Point No. 109B on the Revised North Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">AP 109B CLNP 1992</p>

**Survey of the Metes-and-Bounds Portion of the
Revised North Boundary of Crater Lake National Park,
T. 29 S., R. 5 E., Willamette Meridian, Oregon**

CHAINS	
4.207	<p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <hr style="width: 20%; margin: auto;"/> <p>Continue over broken ground, through heavy timber.</p> <p>Thence on line 109B-110B, on the Revised North Boundary of Crater Lake National Park parallel with and 100 feet southerly of Forest Service Road No. 281, on the arc of a circular curve to the right, through a central angle of 46° 50' 40", having a radius of 339.62 ft.</p> <p>To a point of tangency, point for Angle Point No. 110B on the Revised North Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">AP 110B CLNP 1992</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <hr style="width: 20%; margin: auto;"/> <p>Continue over broken ground, through heavy timber.</p> <p>S. 83° 44' 32" W., on line 110B-111B on the Revised North Boundary of Crater Lake National Park, on a tangent parallel with and 100 feet southerly of Forest Service Road No. 281.</p>
5.677	<p>To a point of circular curve, point for Angle Point No. 111B on the Revised North Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">AP 111B CLNP 1992</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <hr style="width: 20%; margin: auto;"/> <p>Continue over broken ground, through heavy timber.</p> <p>Thence on line 111B-112B, on the Revised North Boundary of Crater Lake National Park parallel with and 100 feet southerly of Forest Service Road No. 281, on the arc of a circular curve to the left, through a central angle of 6° 39' 06", having a radius of 3870.00 ft.</p>
6.807	<p>To a point of circular curve, point for Angle Point No. 112B on the Revised North Boundary of Crater Lake National Park.</p>

**Survey of the Metes-and-Bounds Portion of the
Revised North Boundary of Crater Lake National Park,
T. 29 S., R. 5 E., Willamette Meridian, Oregon**

CHAINS	
1.710	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">AP 112B CLNP 1992</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>Continue over broken ground, through heavy timber.</p> <p>Thence on line 112B-113B, on the Revised North Boundary of Crater Lake National Park parallel with and 100 feet southerly of Forest Service Road No. 281, on the arc of a circular curve to the right, through a central angle of 19° 34' 59", having a radius of 330.16 ft.</p> <p>To a point of tangency, point for Angle Point No. 113B on the Revised North Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">AP 113B CLNP 1992</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>Continue over broken ground, through heavy timber.</p> <p>N. 83° 19' 35" W., on line 113B-114B on the Revised North Boundary of Crater Lake National Park, on a tangent parallel with and 100 feet southerly of Forest Service Road No. 281.</p> <p>Over broken ground, through heavy timber.</p>
2.324	<p>Intersect the line bet. secs. 3 and 4, at Angle Point No. 114B on the Revised North Boundary of Crater Lake National Park, hereinbefore described.</p> <hr style="width: 80%; margin: 10px auto;"/> <p style="text-align: center;">Metes-and-Bounds Survey of the Revised West Boundary of Crater Lake National Park, T. 29 S., R. 5 E., Willamette Meridian, Oregon</p> <hr style="width: 80%; margin: 10px auto;"/> <p>From Post No. 31 on the Original West Boundary of Crater Lake National Park, established by the United States Geological Survey in 1909, monumented with an iron post, 3 ins. diam., firmly set, projecting 12 ins. above ground, with a 3/8 in. diam. brass cap mkd.</p>

**Metes-and-Bounds Survey of the
Revised West Boundary of Crater Lake National Park,
T. 29 S., R. 5 E., Willamette Meridian, Oregon**

CHAINS	GENERAL LAND OFFICE CRATER LAKE NATIONAL PARK POST NO. 31 BOUNDARY LINE
	<p>Add marks 1990 to the monument.</p> <p>This point is now identical with Angle Point No. 31A.</p> <p>from which new bearing trees</p> <p style="padding-left: 40px;">A lodgepole pine, 14 ins. diam., bears N. 84 3/4° E., 117 lks. dist., mkd. AP 31A CLNP BT.</p> <p style="padding-left: 40px;">A red fir, 22 ins. diam., bears N. 28° W., 50 lks. dist., mkd. AP 31A S30 BT.</p> <p>The corner is located in Sphagnum Bog Trail.</p> <p>From this point, the 14½ Mile Post set by Caudle in 1903 for the Crater Lake National Park Boundary, bears North, 0.015 chs. dist., monumented with a basalt stone, 12 x 10 ins., protruding 2 ins. above ground, with chisel marks "PL" visible on the west face, from which the remains of Caudle's bearing trees:</p> <p style="padding-left: 40px;">A lodgepole pine snag, 19 ins. diam., bears S. 76½° E., 22 lks. dist., with scribe marks CLNP 14½ M BT visible on open blaze. (Record, S. 77° 03' E., 23 lks.)</p> <p style="padding-left: 40px;">A lodgepole pine, 22 ins. diam., bears S. 77¼° W., 32½ lks. dist., with scribe marks PL 14½ M BT visible on open blaze. (Record, S. 77° 13' W.)</p> <p>From this same point, the Bureau of Land Management Control Station No. EC 41082, described in the field notes of T. 30 S., R. 5 E., executed concurrently under this same group, bears S. 38° 47' 29" W., 99.250 chs. dist.</p> <p>S. 30° 46' 00" W., on line 31A-32A on the Revised West Boundary of Crater Lake National Park. Public Law 96-553 describes the boundary as proceeding from Post No. 31 in a southwesterly direction to the highest point in sec. 31.</p> <p>Descend gradual SW. slope.</p>
4.15	Sphagnum Bog Trail, bears N. 30° W. and S. 30° E.
10.55	Sphagnum Bog Trail, bears N. 60° E. and S. 60° W.
30.840	<p>Point selected for a witness point in sec. 31, on the Revised West Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">WP 31 CLNP 1990</p> <p>from which</p>

**Metes-and-Bounds Survey of the
Revised West Boundary of Crater Lake National Park,
T. 29 S., R. 5 E., Willamette Meridian, Oregon**

CHAINS	
	<p>A lodgepole pine, 18 ins. diam., bears East, 57 lks. dist., mkd. WP S31 CLNP BT.</p> <p>A red fir, 24 ins. diam., bears N. 27½° W., 54 lks. dist., mkd. WP S31 BT.</p> <p>Continue gradual descent.</p>
36.70	Bottom of descent; begin ascending N. slope.
51.385	<p>Point for Angle Point No. 32A at the highest point in sec. 31, on the Revised West Boundary of Crater Lake National Park.</p> <p>Set a brass tablet, 3 ins. diam., ¾ in. stem, cemented in a drill hole in solid rock, with top mkd.</p> <p style="text-align: center;">T29S R5E CLNP S 31 AP32A 1990</p> <p>from which</p> <p>A red fir, 23 ins. diam., bears N. 86½° E., 9 lks. dist., mkd. AP 32A CLNP BT.</p> <p>A red fir, 9 ins. diam., bears N. 64½° W., 10 lks. dist., mkd. AP 32A S31 BT.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 41° 58' 00" E., on line 32A-33A on the Revised West Boundary of Crater Lake National Park.</p> <p>Descend along ridgetop through timber.</p>
5.960	<p>Point for Angle Point No. 33A, on the Revised West Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, and in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T29S R5E S31 CLNP AP33A 1990</p> <p>from which</p> <p>A red fir, 14 ins. diam., bears N. 47¼° E., 14 lks. dist., mkd. AP 33A CLNP BT.</p> <p>A red fir, 9 ins. diam., bears N. 84° W., 24 lks. dist., mkd. AP 33A S31 BT.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 19° 53' 30" W., on line 33A-34A on the Revised West Boundary of Crater Lake National Park.</p> <p>Descend along ridgetop through timber.</p>

**Metes-and-Bounds Survey of the
Revised West Boundary of Crater Lake National Park,
T. 29 S., R. 5 E., Willamette Meridian, Oregon**

CHAINS	
3.075	<p>Point for Angle Point No. 34A, on the Revised West Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground, and in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T29S R5E S31 CLNP AP34A</p> <p style="text-align: center;">1990</p> <p>from which</p> <p style="padding-left: 40px;">A red fir, 8 ins. diam., bears S. 19° W., 21 lks. dist., mkd. AP 34A CLNP BT.</p> <p style="padding-left: 40px;">A red fir, 15 ins. diam., bears S. 87° W., 15 lks. dist., mkd. AP 34A S31 BT.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 43° 51' 00" W., on line 34A-35A on the Revised West Boundary of Crater Lake National Park.</p> <p>Descend along ridgetop through timber.</p>
3.055	<p>Point for Angle Point No. 35A, on the Revised West Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, and in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T29S R5E S31 CLNP AP35A 1990</p> <p>from which</p> <p style="padding-left: 40px;">A red fir, 6 ins. diam., bears N. 29° E., 25 lks. dist., mkd. AP 35A S31 BT.</p> <p style="padding-left: 40px;">A red fir, 21 ins. diam., bears S. 1° E., 53 lks. dist., mkd. AP 35A CLNP BT.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 37° 57' 30" W., on line 35A-36A on the Revised West Boundary of Crater Lake National Park.</p> <p>Descend along ridgetop through timber.</p>
2.000	<p>Point for Angle Point No. 36A, on the Revised West Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 30 ins. long, 2½ ins. diam., 23 ins. in the ground, and in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T29S R5E S31 CLNP AP36A 1990</p>

**Metes-and-Bounds Survey of the
Revised West Boundary of Crater Lake National Park,
T. 29 S., R. 5 E., Willamette Meridian, Oregon**

CHAINS	
2.330	<p>from which</p> <p style="padding-left: 40px;">A red fir, 11 ins. diam., bears S. 70½° E., 6 lks. dist., mkd. AP 36A CLNP BT.</p> <p style="padding-left: 40px;">A red fir, 12 ins. diam., bears N. 2½° W., 42 lks. dist., mkd. AP 36A S31 BT.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 24° 35' 00" W., on line 36A-37A on the Revised West Boundary of Crater Lake National Park.</p> <p>Descend along ridgetop through timber.</p> <p>Point for Angle Point No. 37A, on the Revised West Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, and in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T29S R5E S31 CLNP AP37A 1990</p> <p>from which</p> <p style="padding-left: 40px;">A red fir, 13 ins. diam., bears S. 69¼° E., 42 lks. dist., mkd. AP 37A CLNP BT.</p> <p style="padding-left: 40px;">A red fir, 9 ins. diam., bears N. 19 3/4° W., 22 lks. dist., mkd. AP 37A S31 BT.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 0° 58' 30" E., on line 37A-38A on the Revised West Boundary of Crater Lake National Park.</p> <p>Descend along ridgetop through timber.</p>
5.450	<p>Point for Angle Point No. 38A, on the Revised West Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, and in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T29S R5E S31 CLNP AP38A 1990</p> <p>from which</p> <p style="padding-left: 40px;">A red fir, 20 ins. diam., bears N. 70½° E., 33 lks. dist., mkd. AP 38A CLNP BT.</p> <p style="padding-left: 40px;">A white fir, 9 ins. diam., bears N. 41½° W., 17 lks. dist., mkd. AP 38A S31 BT.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 19° 31' 00" W., on line 38A-39A on the Revised West Boundary of Crater Lake National Park.</p>

**Metes-and-Bounds Survey of the
Revised West Boundary of Crater Lake National Park,
T. 29 S., R. 5 E., Willamette Meridian, Oregon**

CHAINS	
2.090	<p>Descend along ridgetop through timber.</p> <p>Point for Angle Point No. 39A, on the Revised West Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, and in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T29S R5E S31 CLNP AP39A 1990</p> <p>from which</p> <p style="padding-left: 40px;">A hemlock, 16 ins. diam., bears S. 1½° E., 49 lks. dist., mkd. AP 39A CLNP BT.</p> <p style="padding-left: 40px;">A red fir, 12 ins. diam., bears S. 85 3/4° W., 41 lks. dist., mkd. AP 39A S31 BT.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 24° 33' 00" W., on line 39A-40A on the Revised West Boundary of Crater Lake National Park.</p> <p>Descend along ridgetop through timber.</p>
4.070	<p>Point for Angle Point No. 40A, on the Revised West Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 30 ins. long, 2½ ins. diam., 23 ins. in the ground, and in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T29S R5E S31 CLNP AP40A 1990</p> <p>from which</p> <p style="padding-left: 40px;">A white fir, 8 ins. diam., bears N. 10 3/4° E., 29 lks. dist., mkd. AP 40A S31 BT.</p> <p style="padding-left: 40px;">A hemlock, 8 ins. diam., bears S. 72¼° E., 59 lks. dist., mkd. AP 40A CLNP BT.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 33° 14' 30" W., on line 40A-41A on the Revised West Boundary of Crater Lake National Park.</p> <p>Descend along ridgetop through timber.</p>
3.780	<p>Point for Angle Point No. 41A, on the Revised West Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, and in a collar of stone, with brass cap mkd.</p>

**Metes-and-Bounds Survey of the
Revised West Boundary of Crater Lake National Park,
T. 29 S., R. 5 E., Willamette Meridian, Oregon**

CHAINS	
	<p style="text-align: center;">T29S R5E S31 CLNP AP41A 1990</p> <p>from which</p> <p style="padding-left: 40px;">A red fir, 7 ins. diam., bears N. 27 3/4° E., 20 lks. dist., mkd. AP 41A S31 BT.</p> <p style="padding-left: 40px;">A red fir, 11 ins. diam., bears S. 53° E., 50 lks. dist., mkd. AP 41A CLNP BT.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 27° 52' 00" W., on line 41A-42A on the Revised West Boundary of Crater Lake National Park.</p> <p>Descend along ridgetop through timber.</p>
3.230	<p>Point for Angle Point No. 42A, on the Revised West Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, and in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T29S R5E S31 CLNP AP42A 1990</p> <p>from which</p> <p style="padding-left: 40px;">A white fir, 8 ins. diam., bears S. 40½° E., 16 lks. dist., mkd. AP 42A CLNP BT.</p> <p style="padding-left: 40px;">A red fir, 15 ins. diam., bears S. 69½° W., 33 lks. dist., mkd. AP 42A S31 BT.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 34° 16' 00" W., on line 42A-43A on the Revised West Boundary of Crater Lake National Park.</p> <p>Descend along ridgetop through timber.</p>
5.510	<p>Point for Angle Point No. 43A, on the Revised West Boundary of Crater Lake National Park.</p> <p>Set a stainless steel post, 30 ins. long, 2½ ins. diam., 23 ins. in the ground, and in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T29S R5E S31 CLNP AP43A 1990</p> <p>from which</p> <p style="padding-left: 40px;">A cedar, 10 ins. diam., bears N. 61½° E., 7 lks. dist., mkd. AP 43A CLNP BT.</p>

**Metes-and-Bounds Survey of the
Revised West Boundary of Crater Lake National Park,
T. 29 S., R. 5 E., Willamette Meridian, Oregon**

CHAINS	<p style="text-align: center;">A white fir, 7 ins. diam., bears N. 10¼° W., 36 lks. dist., mkd. AP 43A S31 BT.</p> <hr style="width: 20%; margin: auto;"/> <p>S. 64° 35' 30" W., on line 43A-44A on the Revised West Boundary of Crater Lake National Park.</p> <p>Descend along ridgetop through timber.</p> <p>3.875 Angle Point No. 44A, on the Revised West Boundary of Crater Lake National Park, on the S. bdy. of the Tp., described in the field notes of the dependent resurvey of a portion of the N. bdy. of T. 30 S., R. 5 E., executed concurrently under this same group.</p> <p>From this point, the ¼ sec. cor. of secs. 6 and 31 on the S. bdy. of the Tp., bears S. 89° 46' 00" E., 14.950 chs. dist., described in the field notes of the dependent resurvey of a portion of the N. bdy. of T. 30 S., R. 5 E., executed concurrently under this same group.</p> <hr style="width: 20%; margin: auto;"/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The area encompassed in this survey is located in Klamath and Douglas Counties, Oregon, approximately 55 miles northeast of Medford, Oregon, and 20 miles northeast of Prospect, Oregon. Section 31 is approximately one and one-half miles west of Sphagnum Bog which lies inside of Crater Lake National Park. Elevations ranges from about 5,200 feet above sea level on the north boundary of the township, to 5,728 feet above sea level at Angle Point No. 32A (the highest point in section 31).</p> <p>The area west of the boundary has been logged and consists of reforested blocks, mainly fir. There are numerous herds of Roosevelt Elk, deer, a few bear, and cougar in the area.</p> <p>Access is by way of State Highways 62 and 230 and Forest Service Roads 6530, 6535, and 281.</p> <p>The soil is mainly composed of pumice in the river drainages. This area receives a large amount of snowfall annually.</p> <p>The principal use of the area is timber harvesting and hunting north and west of the Park Boundary.</p> <p>Forest Service access roads and the Sphagnum Bog Trail were the only improvements noted.</p> <p>The mean magnetic declination is 18½° East, as shown on the United States Geological Survey "THOUSAND SPRINGS, OREG." 7½ minute quadrangle map, provisional edition, dated 1985.</p> <hr style="width: 20%; margin: auto;"/>
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