

MAP FILE M147-72

FILED
Date: 6-6-2005 By: JC
This survey consists of:
M 147-72
DOUGLAS COUNTY
SURVEYOR

SMITH RIVER - W.R.P. U.S.D.A. NATURAL RESOURCES CONSERVATION SERVICE

(A) MEANDER CORNER SECTION 32, 5

FOUND: 26" MAPLE, NO TAG - CLOSED FACE
RECORD: S 32 W, 72.2 FEET - M95-59A
16" MAPLE, DOWN AND OUT UNDER WATER - TAG STILL ON

(B) 1/4 CORNER SECTION 32, 5

FOUND: 3-1/4" ALUMINUM CAP DATED 1983 - 0.1' ABOVE GRADE LEVEL PER M95-59A
30" HEMLOCK, TAG READS, "S 28 W, 57.2 FEET" - CLOSED FACE
RECORD: N 28 E, 57.2 FEET - M95-59A
41" HEMLOCK, TAG READS, "N 8 E, 59.4 FEET" - SCRIBING VISIBLE
RECORD: S 9 W, 59.4 FEET - M95-59A

(C) CN 1/16 CORNER SECTION 5

FOUND: 3-1/4" ALUMINUM CAP DATED 1983 - 0.2' ABOVE GRADE LEVEL PER M95-59A
12" FIR, TAG READS, "S 47 W, 22.7 FEET" - CLOSED FACE
RECORD: N 47 E, 22.7 FEET - M95-59A
20" SPRUCE, TAG MISSING - CLOSED FACE
RECORD: S 39 E, 64.6 FEET - M95-59A

(D) 1/4 CORNER SECTION 5, 8

FOUND: 3-1/4" ALUMINUM CAP DATED 1983 - 0.5' ABOVE GRADE LEVEL PER M95-59A
36" CEDAR, TAG READS, "S 2 E, 33 LKS." - SCRIBING VISIBLE
RECORD: N 2 W, 33 LKS. - GLO 1917
12" MAPLE, TAG READS, "N 69 E, 37.7 FEET" - CLOSED FACE
RECORD: S 69 W, 37.7 FEET - M95-59A
11" MAPLE STUB, TAG READS, "N 33 W, 13.1 FEET" - SCRIBING VISIBLE
RECORD: S 33 W, 13.1 FEET - M118-73 (TREE IN SW QUADRANT)
40" FIR, TAG READS, "S 19 W, 33.7 FEET" - CLOSED FACE
RECORD: UNKNOWN - FOUND IN M95-59A

(E) SECTION CORNER 5,6,7,8

FOUND: 3-1/4" ALUMINUM CAP DATED 1983 - 0.2' ABOVE GRADE LEVEL PER M95-59A
14" FIR, TAG READS, "N 48-1/2 E, 9.1 FEET" - CLOSED FACE
RECORD: S 48-1/2 W, 9.1 FEET - M95-59A
24" FIR, TAG MISSING - CLOSED FACE
RECORD: N 44 W, 24.3 FEET - M95-59A
12" FIR, TAG READS, "S 44-1/2 W, 44.2 FEET" - CLOSED FACE
RECORD: N 44-1/2 E, 44.2 FEET - M95-59A
14" FIR, TAG READS, "N 41 W, 18.6 FEET" - CLOSED FACE
RECORD: S 41 E, 18.6 FEET - M95-59A

(F) WITNESS CORNER TO THE MEANDER CORNER SECTION 5, 6

FOUND: 3-1/4" ALUMINUM CAP DATED 1983 - 0.5' ABOVE GRADE LEVEL PER M95-59A
48" FORKED CEDAR, TAG READS, "S 87 E, 26.5 FEET" - CLOSED FACE
RECORD: N 87 W, 26.5 FEET - M95-59A
18" CEDAR, TAG READS, "S 16 W, 7.4 FEET" - CLOSED FACE
RECORD: N 16 E, 7.4 FEET - M95-59A

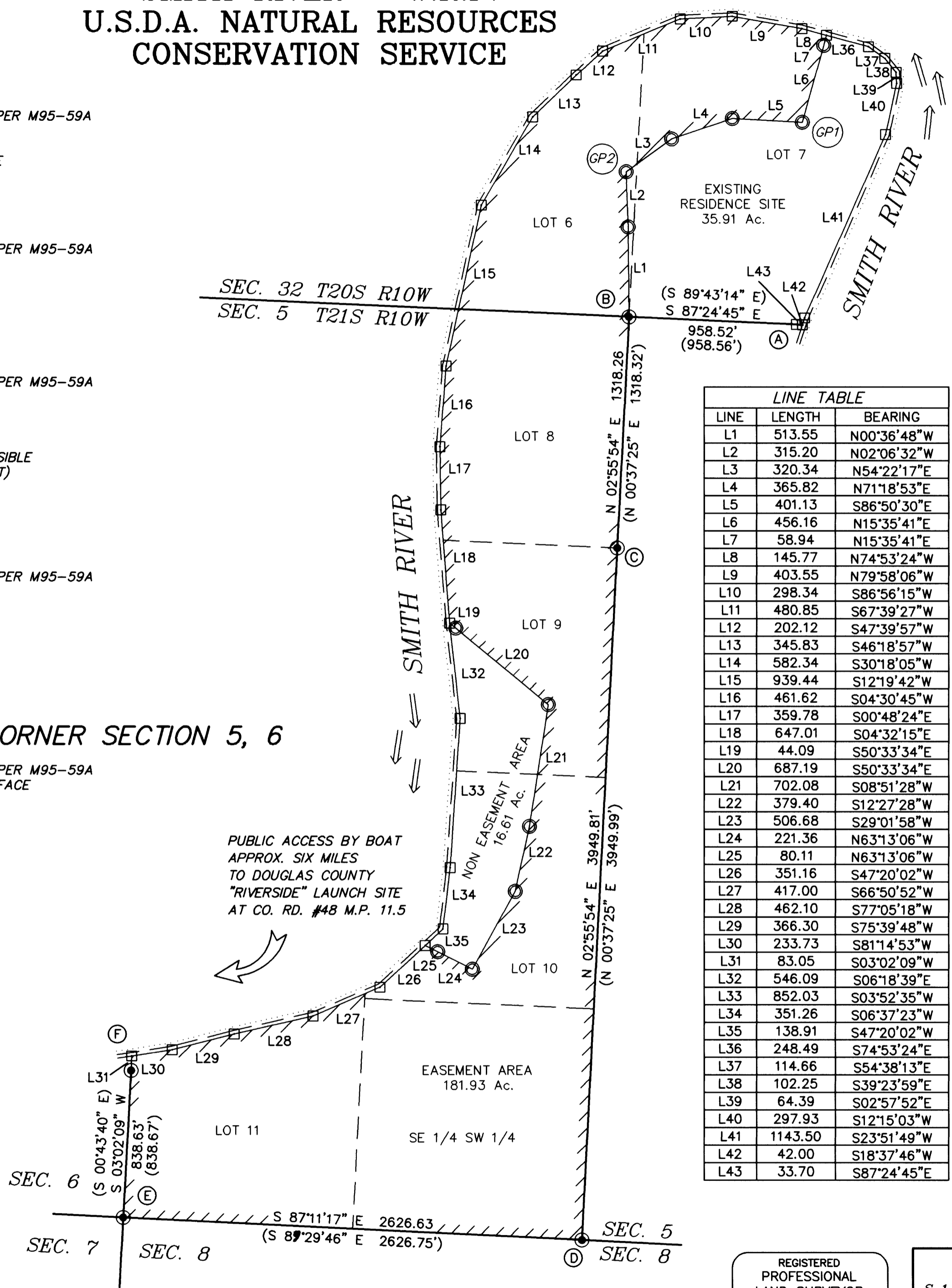
NARRATIVE

THIS SURVEY WAS MADE IN APRIL 2005, BY DAVID H. WELLMAN, OF D. WELLMAN SURVEYING LLC., 90686 NORTHROP DRIVE, EUGENE, OREGON. THE PURPOSE OF THIS SURVEY WAS TO DELINEATE, MONUMENT AND MARK, IN THE FIELD, THE U.S.D.A. NATURAL RESOURCES CONSERVATION SERVICE WETLAND RESERVE PROGRAM EASEMENT LINES AS BEING GRANTED TO THE N.R.C.S. BY THE LANDOWNER, ALL BEING WITHIN SECTION 32, T20S, R10W, AND SECTION 5, T21S, R10W, W.M. THIS SURVEY WAS PERFORMED AT THE REQUEST OF THE U.S.D.A. NATURAL RESOURCES CONSERVATION SERVICE. A WILD T1000 WITH DI1600 EDM WAS USED TO PERFORM THE SURVEY, WITH A MINIMUM ERROR OF CLOSURE OF BETTER THAN 1:66,000 BETWEEN MULTIPLE CLOSED LOOP TRAVERSES BEFORE A LEAST SQUARES ADJUSTMENT. STATIC AND KINEMATIC SURVEY TECHNIQUES WERE USED TO PROVIDE BASIS OF BEARING, GEOGRAPHIC POSITIONS, AND LOCATION OF THE RIVER BANK AS SHOWN.

THE BASIS OF BEARING FOR THIS SURVEY IS NAD 1983 STATE PLANE OREGON SOUTH ZONE GRID NORTH AS TAKEN NEAR THE PROJECT CENTER. AVERAGE COMBINED GRID SCALE FACTOR FOR THE PROJECT IS 0.99995401. AVERAGE CONVERGENCE ANGLE USED WAS -2'20"19".

RECORD DATA FROM DOUGLAS COUNTY SURVEY M95-59 WAS USED BETWEEN FOUND CORNERS AS NOTED. RECORD DATA WAS SCALED USING THE COMBINED SCALE FACTOR AND THEN ROTATED INDEPENDENTLY OF THE CONVERGENCE ANGLE BETWEEN FOUND MONUMENTS AT THE NORTH 1/4 CORNER AND THE WITNESS CORNER TO THE MEANDER CORNER TO PROVIDE PARCEL CLOSURE AND ACREAGE CALCULATIONS. CLOSURE WITH THIS METHOD WAS BETTER THAN 1:50,000, ALL WHILE MAINTAINING THE INTEGRITY OF THE RECORD DATA FOUND IN M95-59 INDEPENDENT OF THE LEAST SQUARES ADJUSTMENT OF TRAVERSE DATA.

THE EASEMENT LINE WAS POSTED WITH U.S.D.A. NRCS-WRP 5"x7" PLASTIC PLACARDS AT ALL SET AND FOUND CORNERS AS WELL AS ALONG TRUE LINE AT RANDOM INTERVALS OF UP TO 500 FEET. NEWLY POSTED LOCATIONS ALONG SECTION LINES, AS DETERMINED BY OTHERS, WERE AT RANDOM AND APPROPRIATE POSITIONS, AS MARKED AND POSTED BY OTHERS, BEING RECOVERED IN THE FIELD DURING THIS SURVEY. REFERENCE IS MADE TO DOUGLAS COUNTY SURVEYS M95-59 AND M118-73. FOUND LINE MARKERS WERE FRESHENED WITH ORANGE RIBBON.



SEC. 32 T20S R10W
SEC. 5 T21S R10W

PUBLIC ACCESS BY BOAT
APPROX. SIX MILES
TO DOUGLAS COUNTY
"RIVERSIDE" LAUNCH SITE
AT CO. RD. #48 M.P. 11.5

EASEMENT AREA
181.93 Ac.

NON EASEMENT
AREA
16.61 Ac.

GRAPHIC SCALE



(IN FEET)
1 inch = 500 ft.

LINE	LENGTH	BEARING
L1	513.55	N00°36'48"W
L2	315.20	N02°06'32"W
L3	320.34	N54°22'17"E
L4	365.82	N71°18'53"E
L5	401.13	S86°50'30"E
L6	456.16	N15°35'41"E
L7	58.94	N15°35'41"E
L8	145.77	N74°53'24"W
L9	403.55	N79°58'06"W
L10	298.34	S86°56'15"W
L11	480.85	S67°39'27"W
L12	202.12	S47°39'57"W
L13	345.83	S46°18'57"W
L14	582.34	S30°18'05"W
L15	939.44	S12°19'42"W
L16	461.62	S04°30'45"W
L17	359.78	S00°48'24"E
L18	647.01	S04°32'15"E
L19	44.09	S50°33'34"E
L20	687.19	S50°33'34"E
L21	702.08	S08°51'28"W
L22	379.40	S12°27'28"W
L23	506.68	S29°01'58"W
L24	221.36	N63°13'06"W
L25	80.11	N63°13'06"W
L26	351.16	S47°20'02"W
L27	417.00	S66°50'52"W
L28	462.10	S77°05'18"W
L29	366.30	S75°39'48"W
L30	233.73	S81°14'53"W
L31	83.05	S03°02'09"W
L32	546.09	S06°18'39"E
L33	852.03	S03°52'35"W
L34	351.26	S06°37'23"W
L35	138.91	S47°20'02"W
L36	248.49	S74°53'24"E
L37	114.66	S54°38'13"E
L38	102.25	S39°23'59"E
L39	64.39	S02°57'52"E
L40	297.93	S12°15'03"W
L41	1143.50	S23°51'49"W
L42	42.00	S18°37'46"W
L43	33.70	S87°24'45"E

SCALE 1"=500'

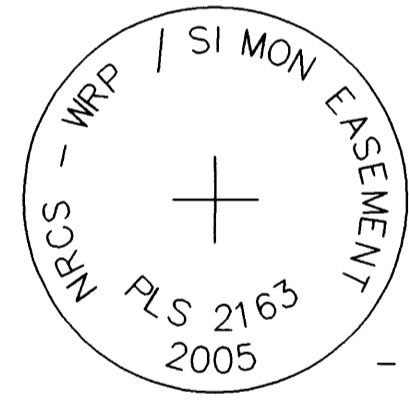
GEODETTIC POSITIONS (NAD 1983)

- GP1 - N 43°47'06.54" LAT.
W 123°54'49.69" LONG.
- GP2 - N 43°47'03.36" LAT.
W 123°55'03.25" LONG.

BASIS OF BEARING: GRID NORTH
CALCULATED FROM GPS OBSERVATION

LEGEND

- - CORNERS FOUND - AS NOTED
- - CORNERS SET - 5/8" X 36" IRON ROD WITH 2" ALUMINUM CAP AS SHOWN
- - CALCULATED POINT (NOT SET)
- () - RECORD DATA - M95-59
- /// - EASEMENT LINE



LAND OWNER
OF RECORD:
CHRISTINA A. SIMON

THIS IS TO CERTIFY THAT THIS SURVEY WAS DONE BY THE UNDERSIGNED, THAT THE SURVEY WAS DONE ON THE GROUND IN ACCORDANCE WITH THE MOST RECENT MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS, AS SET FORTH BY THE STATE OF OREGON, BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS, AND THAT THE ACCURACY SPECIFICATION AND POSITION TOLERANCE ARE IN ACCORDANCE WITH RURAL AREA SURVEYS.

David H. Wellman
SIGNATURE

REGISTERED PROFESSIONAL LAND SURVEYOR

David H. Wellman

OREGON
JULY, 1985
DAVID H. WELLMAN
2163

RENEWAL 6/30/06

SURVEY IN
S 1/2 SEC. 32, T20S, R10W & W 1/2 SEC. 5, T21S, R10W, W.M.
DOUGLAS COUNTY, OREGON

CLIENT: U.S.D.A. - NATIONAL RESOURCES CONSERVATION SERVICE

DRAWN BY: DHW	D. WELLMAN SURVEYING L.L.C.
DATE: 5/5/05	90686 NORTHROP DRIVE
FILE: NRCS/SIMON	EUGENE, OR 97402 (541) 984-1442

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