

BASIS OF BEARINGS

Bearings shown on this map are based on Oregon North Grid coordinates rotated 1°14'32.4" to true around RSI pin B2 which was used as the project base. Distances shown are Grid distances multiplied by 1.00020323632 to obtain ground distances.

NARRATIVE OF SURVEY

This survey was performed at the request of Mr. Troy Laws of the Oregon Department of Fish and Wildlife. The purpose of the survey was to provide legal descriptions for the riparian easement as shown and the three access easements. The section corners monumented along the township line were all set from found original evidence. John Arnold set the closing corner for sections 6 and 7 by running along the township line at the exact point of intersection because he could not find Tompson's monument for the corner to Sections 1 and 12. I held this corner as controlling the line. The county road right of way as shown was located using the ODOT TBM and the right of way fences to the west of the project. It's position is only approximate. No attempt was made to verify actual property boundaries along the east or west ends of the property. The easement location was demarcated by ODF&W personnel. All of the easement lies within the fence lines marking lands possessed by John Brogoitti. The stream location as shown is the proposed alignment for the riparian project. The survey was performed by a two man crew using the ODFW's Trimble 4700 GPS units. The survey was based on a state plane coordinate value for point B2 that was provided by Rogers Surveying Inc. and said to be approximate.

NE1/4, NE1/4, S12, T2S, R32E,
SW1/4, S7, T2S, R33E,
NW1/4, S18, T2S, R33E,
WILLAMETTE MERIDIAN
UMATILLA COUNTY, OREGON

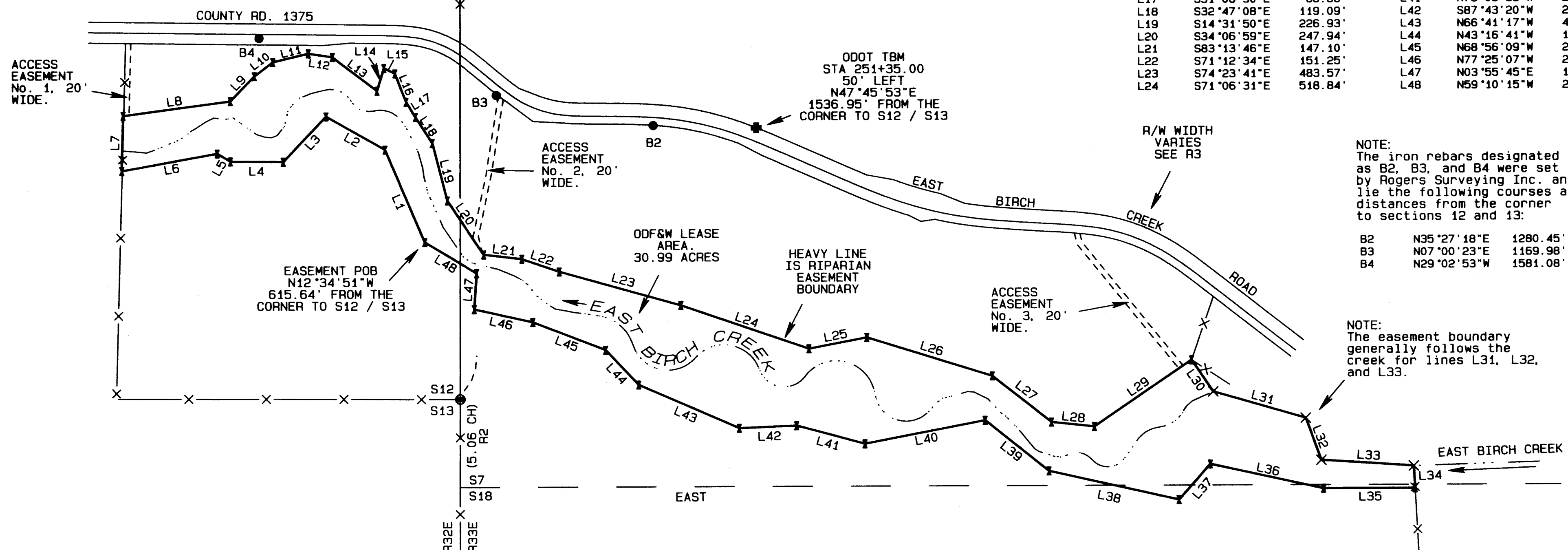
EASEMENT LINE TABLE

LINE No.	BEARING	DISTANCE	LINE No.	BEARING	DISTANCE
L1	N23°18'14"W	383.89'	L25	N79°12'23"E	226.50'
L2	N60°28'10"W	259.79'	L26	S72°46'28"E	503.27'
L3	S43°22'45"W	238.79'	L27	S52°09'22"E	287.90'
L4	N89°22'13"W	202.76'	L28	S84°14'03"E	165.29'
L5	N59°27'29"W	59.74'	L29	N55°56'17"E	450.59'
L6	S79°43'11"W	371.46'	L30	S34°19'28"E	147.27'
L7	N01°31'40"E	212.14'	L31	S74°07'43"E	368.76'
L8	N82°19'04"E	414.98'	L32	S20°27'00"E	169.93'
L9	N44°07'08"E	132.44'	L33	S86°18'10"E	355.07'
L10	N53°17'12"E	89.28'	L34	S03°14'44"E	85.00'
L11	N76°32'06"E	140.18'	L35	S89°56'17"W	350.65'
L12	S81°22'25"E	92.88'	L36	N77°46'40"W	444.77'
L13	S52°57'02"E	214.56'	L37	S41°38'23"W	181.17'
L14	N16°54'30"E	90.94'	L38	N77°31'02"W	511.04'
L15	S63°41'35"E	46.93'	L39	N51°42'23"W	311.22'
L16	S21°37'02"E	116.50'	L40	S79°16'40"W	469.69'
L17	S31°06'30"E	68.86'	L41	N75°09'39"W	271.04'
L18	S32°47'08"E	119.09'	L42	S87°43'20"W	220.08'
L19	S14°31'50"E	226.93'	L43	N66°41'17"W	419.88'
L20	S34°06'59"E	247.94'	L44	N43°16'41"W	184.03'
L21	S83°13'46"E	147.10'	L45	N68°56'09"W	298.72'
L22	S71°12'34"E	151.25'	L46	N77°25'07"W	229.84'
L23	S74°23'41"E	483.57'	L47	N03°55'45"E	137.62'
L24	S71°06'31"E	518.84'	L48	N59°10'15"W	231.35'

NOTE: The iron rebars designated as B2, B3, and B4 were set by Rogers Surveying Inc. and lie the following courses and distances from the corner to sections 12 and 13:

B2	N35°27'18"E	1280.45'
B3	N07°00'23"E	1169.98'
B4	N29°02'53"W	1581.08'

NOTE: The easement boundary generally follows the creek for lines L31, L32, and L33.



LEGEND

- SET 2 1/4" BRASS CAP ON A 1 1/8" x 30" GALVANIZED IRON PIPE. SEE FILED CORNER CERTIFICATE
- FOUND A 5/8" IRON REBAR W/ 1 1/8" RED PLASTIC CAP STAMPED RSI CONTROL. NO SURVEY
- FOUND 1/2" IRON PIN ON R/W SET BY STATE OF OREGON
- SET A 1" x 24" IRON REBAR W/ A 2" ALUMINUM CAP FROM ORIGINAL EVIDENCE. SEE CORNER CERTIFICATE
- X COMPUTED POINT
- X EASEMENT ANGLE POINTS MARKED WITH WOODEN HUBS FOR FENCE LOCATION.

- R1 GLO CONTRACT #106 DATED AUGUST 16, 1864 BY DAVID P. THOMPSON
- R2 GLO CONTRACT #551 DATED MARCH 19, 1890 BY JOHN C. ARNOLD
- R3 STATE OF OREGON PROJECT MAP S-409 (1) DATED NOVEMBER 1958 FILED UNDER THE COUNTY ROAD FILE FOR EAST BIRCH CREEK RD.

REGISTERED
PROFESSIONAL
LAND SURVEYOR

David L. Haddock

OREGON
JULY 12, 1968
DAVID L. HADDOCK
RENEWS 6-30-01

PROJECT No. 01-11

SURVEY FOR

OREGON DEPT. OF FISH & WILDLIFE

% Troy S. Laws
73471 MYTINGER LANE
PENDLETON, OR. 97801

MONUMENTS SET: April 11, 2001

David L. Haddock, Surveyor and Engineer
P.O. Box 1574
Pendleton, Oregon 97801
(541) 276-2174

HADDOCK SURVEYING

GPS
AND
TOTAL STATION

RECEIVED BY
Umatilla County Surveyor
Date 7-01
Rec'd By [Signature]

01-066-B