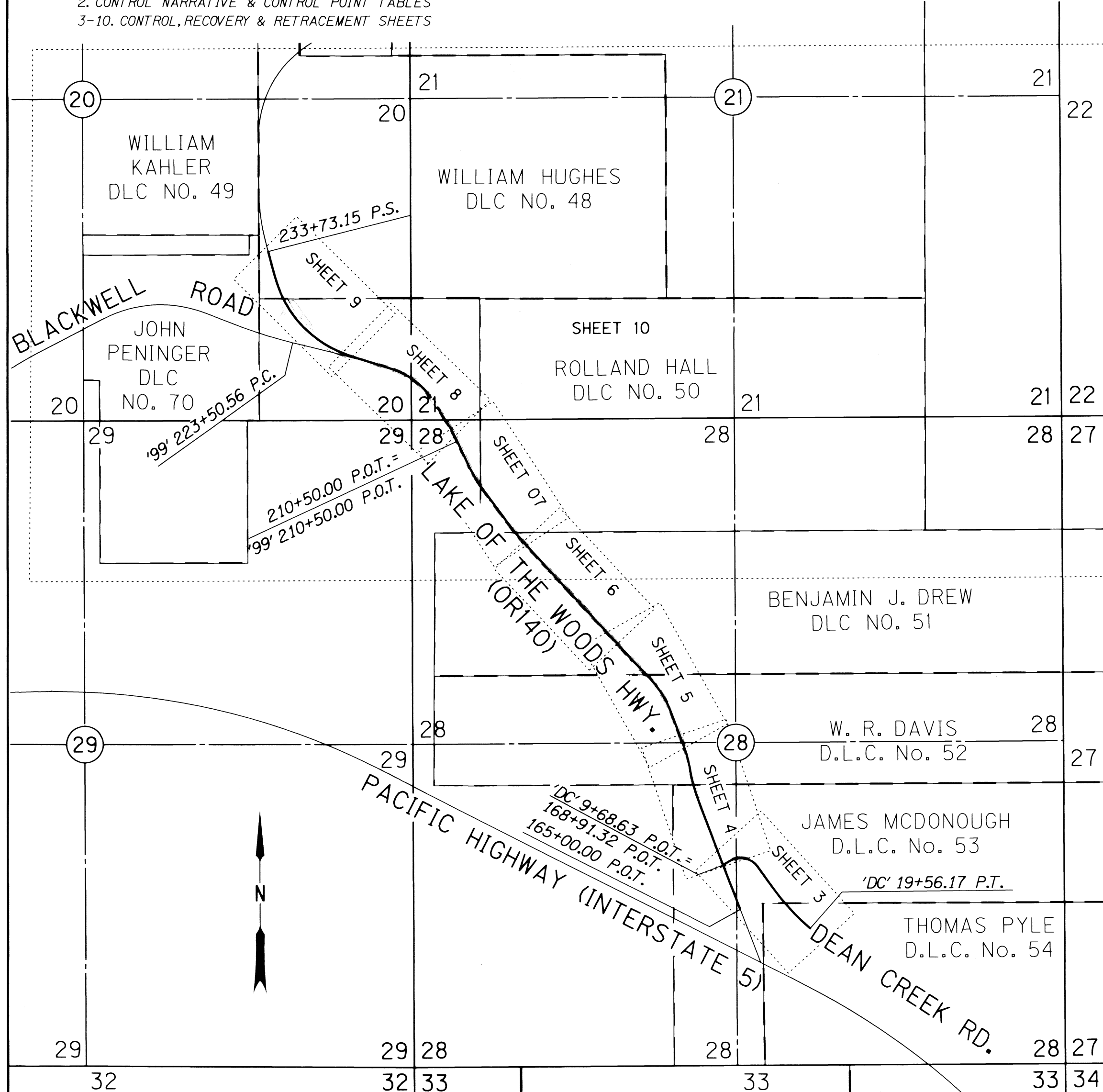


SHEET INDEX

- 1. SURVEY NARRATIVE & SHEET LAYOUT DIAGRAM
- 2. CONTROL NARRATIVE & CONTROL POINT TABLES
- 3-10. CONTROL, RECOVERY & RETRACEMENT SHEETS

**** RECEIVED ****
 DATE 7/13/17 BY AB
 This survey consists of:
 10 sheet(s) Map
 8 page(s) Narrative
 JACKSON COUNTY SURVEYOR



SURVEY NARRATIVE

THIS SURVEY WAS MADE IN PREPARATION OF THE OREGON DEPARTMENT OF TRANSPORTATION'S (ODOT) OR140: EXIT 35 TO BLACKWELL ROAD IMPROVEMENT PROJECT. THE PURPOSE OF THIS SURVEY IS TO RECORD THE POSITIONS OF CONTROL POINTS FOR CONSTRUCTING THE PROJECT, RECORD THE POSITIONS OF MONUMENTS OF RECORD, RESOLVE THE EXISTING RIGHT OF WAY (R/W) CENTER LINES AND DEFINE THE EXISTING R/W, AS DIRECTED IN OREGON REVISED STATUTE (ORS) 209.155.

COORDINATES AND BASIS OF BEARINGS

ALL BEARINGS FOR THIS SURVEY ARE BASED ON THE OREGON COORDINATE REFERENCE SYSTEM (OCRS), GRANTS PASS-ASHLAND ZONE, NAD 83(2011) EPOCH 2010.00. THE OCRS COORDINATES ARE EQUAL TO OR CLOSE TO TRUE GROUND DISTANCES. THE PARAMETERS FOR THIS COORDINATE SYSTEM AND ZONE ARE DEFINED IN OREGON ADMINISTRATIVE RULE (OAR) 734-005-0015.

ALL COORDINATES ARE IN INTERNATIONAL FEET UNITS.

SURVEY WORK FOR THIS PROJECT WAS PERFORMED BY ODOT SURVEY CREWS FROM MAY 19, 2015 TO SEPTEMBER 30, 2015. THE SURVEYING EQUIPMENT USED WAS A LEICA VIVA TS15 TOTAL STATION, CS14 DATA COLLECTOR, LEICA DNA 10 DIGITAL LEVEL AND A LEICA VIVA GS14 AND GS15 GPS RECEIVERS.

LAKE OF THE WOODS HIGHWAY (OR 140) - STA. 165+00 TO STA. 210+50 EQUALS STA. "99" 210+50
 THE ROAD NOW NAMED LAKE OF THE WOODS HIGHWAY (OR 140) WAS FORMERLY PART OF THE PACIFIC HIGHWAY (OR 99) AND BETTER KNOWN AS BLACKWELL ROAD IN RECENT HISTORY. THE RIGHT OF WAY FOR THIS ROAD WAS ORIGINALLY ESTABLISHED AS A 60.00' RIGHT OF WAY BY COURT RESOLUTION. THE ODOT MAP DETAILING THE CONTROLLING CENTERLINE IS ODOT RIGHT OF WAY MAP 3B-2-9, DRAWN IN 1922.

THE CENTERLINE FOR LAKE OF THE WOODS HIGHWAY IN THIS SECTION WAS RESOLVED AS FOLLOWS: THE FIRST TANGENT BETWEEN STATIONS 165+00.00 P.O.T. AND 175+92.03 P.I. WAS ESTABLISHED BY ROTATING THE RECORD GEOMETRY FOR THIS TANGENT AS SHOWN ON SURVEY NO. 20913 TO THIS PROJECT'S BASIS OF BEARINGS BY UTILIZING RECOVERED MONUMENTS FROM THIS SURVEY. THE NEXT ALIGNMENT SEGMENTS FROM STATIONS 175+92.04 P.I. AND 183+87.59 P.I. HELD THE RECORD ALIGNMENT GEOMETRY FROM ODOT DRG. NO. 3B-2-9. THE RESULTING CURVE BETWEEN STATIONS 182+19.80 P.C. AND 185+50.80 P.T. WAS CALCULATED BY INTERSECTING THE TANGENTS AHEAD AND BACK AND HOLDING RECORD DEGREE OF CURVE.

THE NEXT SEGMENT FROM 187+96.74 P.I. TO 201+38.13 P.I. WAS CALCULATED BY HOLDING POINTS 1042 AND 1037 AT RECORD OFFSETS. THE RECORD DELTA ANGLE AND DEGREE OF CURVE DATA WERE USED TO ESTABLISH CURVE BETWEEN STATIONS 187+41.75 P.C. TO 188+51.75 P.T. THE NEXT SEGMENT BETWEEN STATIONS 201+38.14 P.I. AND 207+36.67 P.I. WAS CALCULATED BY HOLDING THE RECORD OFFSET OF POINT 1024 AND ROTATING TO FIT THE AVERAGE PAVEMENT WIDTH. THE REMAINING COURSES OF THE ALIGNMENT WERE ROTATED BASED ON RECOVERED SET AND FOUND MONUMENTS FROM SURVEY NO. 21011. STATIONING FOR THIS ALIGNMENT WAS HELD FROM RECORD DATA AS SHOWN PER SURVEY NO. 21011.

LAKE OF THE WOODS HIGHWAY (OR 140) - STA. 210+50 TO STA. 232+82.76 AND STA. "99" 210+50 TO STA. "99" 232+10.30
 THE RECORD RIGHT OF WAY CENTERLINE AND WIDTHS AS SHOWN ON SURVEY NO. 21011 WERE ROTATED ONTO THIS PROJECT'S BASIS OF BEARINGS BY UTILIZING RECOVERED MONUMENTS SET ON THAT SURVEY. THE RIGHT OF WAY DATA ON THAT SURVEY WAS FROM A PREVIOUS ODOT PROJECT CALLED "HWY 140: FREIGHT EXTENSION WHITE CITY". THE RIGHT OF WAY MAP SHOWING THE ACQUIRED RIGHT OF WAY FROM THIS PROJECT IS ODOT RW MAP 1A-24-1.

DEAN CREEK ROAD

THE RECORD RIGHT OF WAY CENTERLINE AND WIDTHS AS SHOWN ON SURVEY NO. 20913 WERE ROTATED ONTO THIS PROJECT'S BASIS OF BEARINGS BY UTILIZING RECOVERED SET AND FOUND MONUMENTS SHOWN ON THAT SURVEY. IT WAS FOUND THAT THE RECORD RIGHT OF WAY SHAPE FIT WITHIN ACCEPTABLE TOLERANCES TO THE MONUMENTS ON THIS MAP, SO WERE ACCEPTED. THE RIGHT OF WAY MAP THAT SHOWS THE ACQUISITION OF THE RIGHT OF WAY WAS ODOT RW MAP 10B-20-33.

REFERENCE DOCUMENTS USED:

- C.S. 21376, C.S. 1272, C.S. 21275, C.S. 3273, C.S. 1269, C.S. 11793, C.S. 11224, C.S. 16688, C.S. 2423, C.S. 2538, C.S. 11964, C.S. 8297, C.S. 8329, C.S. 3502, C.S. 11586, C.S. 9217, C.S. 20011, C.S. 20913, C.S. 21274, C.S. 20108, C.S. 20127, C.S. 13507, C.S. 2450, C.S. 14262, C.S. 8742, C.S. 3703, C.S. 19721, C.S. 20208, C.S. 21011, C.S. 19721, C.S. 18322, C.S. 20742, C.S. 20922, ODOT DRG. 1B-16-9, ODOT DRG. 1A-24-01, ODOT DRG. 3B-2-9, ODOT DRG. 7B-34-14, ODOT DRG. 8B-8-23 AND ODOT DRG. 10B-20-33.

DEEDS USED:

- DOC. NO. 2006-024914, DOC. NO. 2009-041829, DOC. NO. 2010-015380, DOC. NO. 2011-030915, DOC. NO. 2013-033738, DOC. NO. 2010-020964, DOC. NO. 2010-011504, DOC. NO. 2010-018081, DOC. NO. 2009-013518, DOC. NO. 2011-017289, DOC. NO. 2010-040686 AND VOLUME 388, PAGE 241.

LINE LEGEND	
EXISTING SUBDIVISION OR LOT LINE	GOVERNMENT CORNER TIE LINE
EXISTING HIGHWAY RIGHT-OF-WAY LINE	GOVERNMENT SECTION LINE
EXISTING STATE RIGHT-OF-WAY (ACCESS CONTROLLED)	GOVERNMENT 1/4 SECTION LINE
EXISTING PROPERTY LINE	GOVERNMENT 1/16 SECTION LINE
EXISTING FALSE CALL LINE	DONATION LAND CLAIM (THIS SIDE)
EDGE OF PAVEMENT	DONATION LAND CLAIM (BOTH SIDES)
FENCE	EXISTING CENTERLINE

A.J. COAKLEY
D.L.C. No. 60

JOHN COAKLEY
D.L.C. No. 59

ASSESSOR MAP NO'S:
 36 2W 20
 36 2W 21
 36 2W 28
 36 2W 29
 36 2W 33

SHEET LAYOUT DIAGRAM
 NOT TO SCALE

REGISTERED PROFESSIONAL LAND SURVEYOR

OREGON
 JULY 15, 2003
 ANDREW DAVID AUSLAND
 56136
 EXPIRES: 12/31/2017

OREGON DEPARTMENT OF TRANSPORTATION

HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
 OR140: EXIT 35 TO BLACKWELL RD. SEC.
 LAKE OF THE WOODS HIGHWAY (OR 140)
 OR 140 M.P. -8.15 TO M.P. -6.78
 JACKSON COUNTY

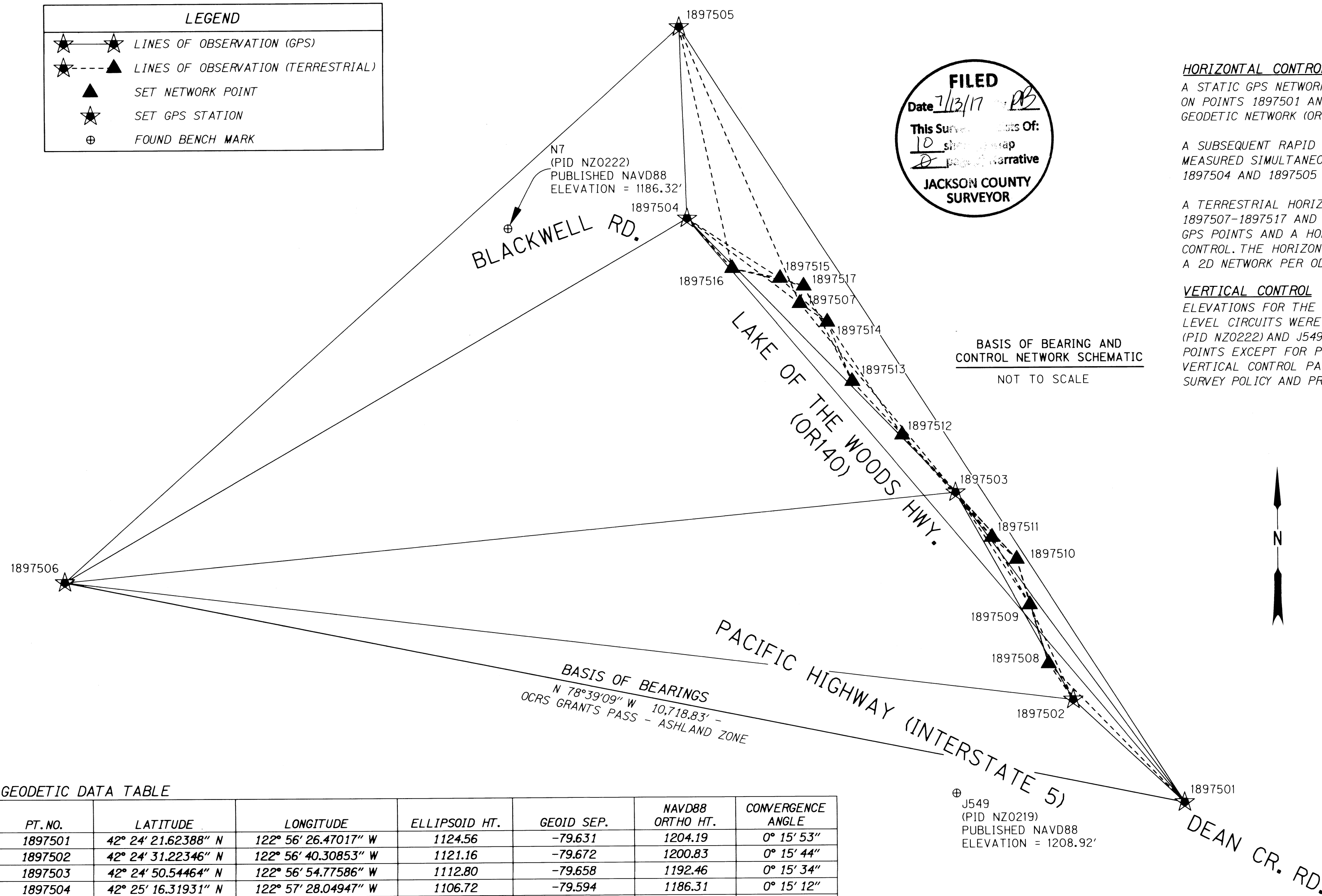
KEY NO. 18975
 REGION 3 TECH CENTER
 100 ANTELOPE ROAD
 WHITE CITY, OREGON, 97503

JULY 13, 2017
 SCALE: 1"=50'
 SHEET 1 OF 10

DESIGNED BY: A.AUSLAND | DRAFTED BY: A.AUSLAND | CHK'D BY: L.MILES

SEC 20, 21, 28, 29, & 30 T36S R2W WM

LEGEND	
★---★	LINES OF OBSERVATION (GPS)
★---▲	LINES OF OBSERVATION (TERRESTRIAL)
▲	SET NETWORK POINT
★	SET GPS STATION
⊕	FOUND BENCH MARK



CONTROL NARRATIVE

HORIZONTAL CONTROL

A STATIC GPS NETWORK USING 2 HOUR OCCUPATIONS WAS PERFORMED TO DERIVE COORDINATES ON POINTS 1897501 AND 1897506. THIS NETWORK WAS PROCESSED HOLDING OREGON REAL TIME GEODETIC NETWORK (ORGN) STATIONS, 'CTPT', 'GTPS' AND 'ASHL'.

A SUBSEQUENT RAPID STATIC GPS NETWORK WAS PERFORMED USING 20 MINUTE OCCUPATIONS MEASURED SIMULTANEOUSLY FROM 1897501 AND 1897506 OUT TO POINTS 1897502, 1897503, 1897504 AND 1897505 TO ESTABLISH GEODETIC POSITIONS ON THEM.

A TERRESTRIAL HORIZONTAL CONTROL NETWORK WAS THEN RUN THROUGH SET CONTROL POINTS 1897507-1897517 AND ALL GPS POINTS LISTED ABOVE. THE COORDINATES WERE FIXED ON ALL GPS POINTS AND A HORIZONTAL LEAST SQUARES ADJUSTMENT WAS APPLIED TO THE NETWORK CONTROL. THE HORIZONTAL LEAST SQUARES ADJUSTMENT PASSED THE ACCURACY STANDARDS FOR A 2D NETWORK PER ODOT'S SURVEY POLICY AND PROCEDURE MANUAL.

VERTICAL CONTROL

ELEVATIONS FOR THE PROJECT ARE BASED UPON THE NAVD88 VERTICAL DATUM. DIFFERENTIAL LEVEL CIRCUITS WERE RUN BETWEEN NATIONAL GEODETIC SURVEY (NGS) BENCHMARKS N7 (PID NZ0222) AND J549 (PID NZ0219) TO ESTABLISH ELEVATIONS ON ALL PROJECT CONTROL POINTS EXCEPT FOR POINTS 1897506, 1897507, AND 1897517. THE PROCEDURES FOR ESTABLISHING VERTICAL CONTROL PASSED THE ODOT 'LEVELING ACCEPTANCE CRITERIA' DESCRIBED IN ODOT'S SURVEY POLICY AND PROCEDURE MANUAL.

BASIS OF BEARING AND CONTROL NETWORK SCHEMATIC NOT TO SCALE

1.96 SIGMA (95%) CONFIDENCE LEVEL LIMITS (GPS NETWORK)

PT. NO.	SEMI MAJOR	SEMI MINOR	ORIENTATION *
1897502	0.03'	0.03'	359°
1897503	0.03'	0.03'	0°
1897504	0.03'	0.03'	356°
1897505	0.03'	0.03'	353°

* NORTH AZIMUTH

FIXED POINTS NOT SUBJECT TO LEAST SQUARE ADJUSTMENT OR CONFIDENCE LEVEL ANALYSIS: POINTS 1897501 & 1897506.

1.96 SIGMA (95%) CONFIDENCE LEVEL LIMITS (TERRESTRIAL NETWORK)

PT. NO.	SEMI MAJOR	SEMI MINOR	ORIENTATION *
1897507	0.01'	0.01'	50°
1897508	0.01'	0.01'	54°
1897509	0.01'	0.01'	59°
1897510	0.01'	0.01'	53°
1897511	0.01'	0.01'	57°
1897512	0.01'	0.01'	49°
1897513	0.01'	0.01'	47°
1897514	0.01'	0.01'	47°
1897515	0.01'	0.01'	42°
1897516	0.01'	0.01'	61°
1897517	0.01'	0.01'	42°

* NORTH AZIMUTH

FIXED POINTS NOT SUBJECT TO LEAST SQUARE ADJUSTMENT OR CONFIDENCE LEVEL ANALYSIS: POINTS 1897501, 1897502, 1897503, 1897504, 1897505 & 1897506.

GEODETIC DATA TABLE

PT. NO.	LATITUDE	LONGITUDE	ELLIPSOID HT.	GEOID SEP.	NAVD88 ORTHO HT.	CONVERGENCE ANGLE
1897501	42° 24' 21.62388" N	122° 56' 26.47017" W	1124.56	-79.631	1204.19	0° 15' 53"
1897502	42° 24' 31.22346" N	122° 56' 40.30853" W	1121.16	-79.672	1200.83	0° 15' 44"
1897503	42° 24' 50.54464" N	122° 56' 54.77586" W	1112.80	-79.658	1192.46	0° 15' 34"
1897504	42° 25' 16.31931" N	122° 57' 28.04947" W	1106.72	-79.594	1186.31	0° 15' 12"
1897505	42° 25' 34.09633" N	122° 57' 28.81887" W	1094.78	-79.628	1174.41	0° 15' 12"
1897506	42° 24' 42.91197" N	122° 58' 46.42401" W	1227.44	-	-	0° 14' 19"

NETWORK POINT CONTROL TABLE

PT. NO.	OCRS NORTHING	OCRS EASTING	NAVD88 ELEVATION	DATE	DESCRIPTION
1897501	239316.39	270094.88	1204.19	7/21/2015	SET 3" BRASS DISK "OREGON DOT GEODETIC CONTROL PT 1897501"
1897502	240283.45	269052.18	1200.83	7/21/2015	SET 3" BRASS DISK "OREGON DOT GEODETIC CONTROL PT 1897502"
1897503	242234.55	267957.93	1192.46	7/21/2015	SET MAG NAIL w/ WASHER "ODOT"
1897504	244832.75	265450.29	1186.31	7/21/2015	SET 3" BRASS DISK "OREGON DOT GEODETIC CONTROL PT 1897504"
1897505	246632.21	265384.62	1174.41	7/21/2015	SET 3" BRASS DISK "OREGON DOT GEODETIC CONTROL PT 1897505"
1897506	241425.42	259585.58	-	7/21/2015	SET 5/8" IRON ROD w/ 2" ALUMINUM CAP "ODOT CONTROL POINT 1897506"
1897507	244023.47	266503.00	-	8/7/2015	SET 5/8" IRON ROD w/ 2" ALUMINUM CAP "ODOT CONTROL POINT 1897507"
1897508	240621.71	268824.26	1201.94	8/7/2015	SET 5/8" IRON ROD w/ 2" ALUMINUM CAP "ODOT CONTROL POINT 1897508"
1897509	241175.54	268650.45	1198.44	8/7/2015	SET 5/8" IRON ROD w/ 2" ALUMINUM CAP "ODOT CONTROL POINT 1897509"
1897510	241602.42	268528.84	1194.95	8/7/2015	SET 5/8" IRON ROD w/ 2" ALUMINUM CAP "ODOT CONTROL POINT 1897510"
1897511	241810.72	268297.35	1195.07	8/7/2015	SET 5/8" IRON ROD w/ 2" ALUMINUM CAP "ODOT CONTROL POINT 1897511"
1897512	242779.36	267458.61	1189.50	8/7/2015	SET 5/8" IRON ROD w/ 2" ALUMINUM CAP "ODOT CONTROL POINT 1897512"
1897513	243285.99	266993.15	1188.27	8/7/2015	SET 5/8" IRON ROD w/ 2" ALUMINUM CAP "ODOT CONTROL POINT 1897513"
1897514	243847.15	266761.12	1181.27	8/7/2015	SET 5/8" IRON ROD w/ 2" ALUMINUM CAP "ODOT CONTROL POINT 1897514"
1897515	244263.42	266319.05	1179.17	8/7/2015	SET 5/8" IRON ROD w/ 2" ALUMINUM CAP "ODOT CONTROL POINT 1897515"
1897516	244359.20	265871.87	1184.73	8/7/2015	SET 5/8" IRON ROD w/ 2" ALUMINUM CAP "ODOT CONTROL POINT 1897516"
1897517	244188.75	266541.28	-	8/7/2015	FD, 5/8" IRON ROD, ADDED 2" ALUMINUM CAP "ODOT CONTROL POINT 1897517"

FD:=FOUND

REGISTERED PROFESSIONAL LAND SURVEYOR

OREGON
JULY 15, 2003
ANDREW DAVID AUSLAND
56136
EXPIRES: 12/31/2017

OREGON DEPARTMENT OF TRANSPORTATION

HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
OR140: EXIT 35 TO BLACKWELL RD. SEC.
LAKE OF THE WOODS HIGHWAY (OR 140)
OR 140 M.P. -8.15 TO M.P. -6.78
JACKSON COUNTY

KEY NO. 18975
REGION 3 TECH CENTER
100 ANTELOPE ROAD
WHITE CITY, OREGON, 97503
DESIGNED BY: A.AUSLAND
DRAFTED BY: A.AUSLAND
CHK'D BY: L.MILES

JULY 13, 2017
SCALE: 1"=50'
SHEET 2 OF 10

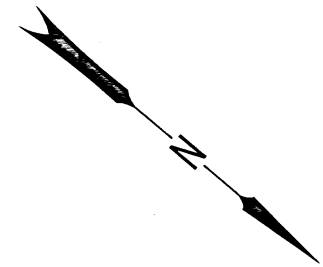
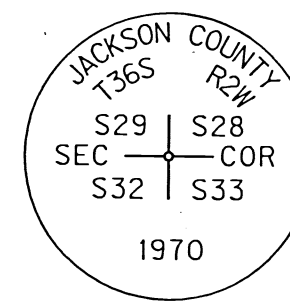
SW 1/4 SEC 28, T36S R2W WM
SE 1/4 SEC 28, T36S R2W WM

PACIFIC HIGHWAY
(INTERSTATE 5)

FILED
Date 7/13/17 By PB
This Survey Consists Of:
10 sheet(s) Map
2 page(s) Narrative
JACKSON COUNTY
SURVEYOR

LEGEND

- () RECORD DATA PER ODOT DRG 3B-2-9
- (()) RECORD DATA PER ODOT DRG 10B-20-33
- ▲ SET NETWORK POINT (SEE SHEET 2)
- ★ SET GPS STATION (SEE SHEET 2)
- FOUND MONUMENT



LAKE OF THE WOODS
HIGHWAY (OR140)

JAMES MCDONOUGH D.L.C. NO. 53
THOMAS PYLE D.L.C. NO. 54

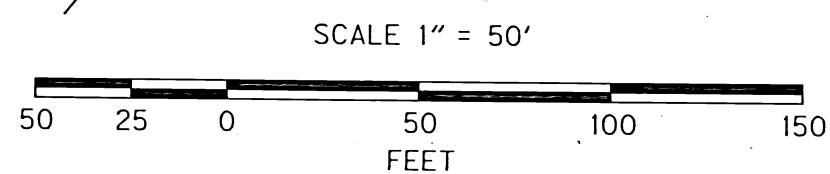
Arther Investment Properties, LLC
D 2006-045204

Allen Payne and
Lois Payne
D 2007-001584

SW CORNER SECTION 28 (PT. NO. 1064)
BEARS S 70°37'17" W 3,429.17'

DEAN CREEK ROAD

Michael S. Card and
Pamela E. Card
D 2014-034528



ASSESSOR MAP NO'S:
36 2W 28

RECOVERED MONUMENT TABLE

PT. NO.	STATION	OFFSET	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION	REFERENCE DOCUMENT
1026	'DC' 19+86.00	-30.00	239669.73	269762.76	8/10/2015	FD. 5/8" IRON ROD w/ 2" ALUMINUM CAP "OTAK INC"	SN 20913
1027	'DC' 19+56.13	-29.99	239689.33	269740.21	8/10/2015	FD. 5/8" IRON ROD w/ 2" ALUMINUM CAP "OTAK INC"	SN 20913
1028	'DC' 15+02.22	-29.97	240019.68	269440.97	8/10/2015	FD. 5/8" IRON ROD w/ 2" ALUMINUM CAP "OTAK INC"	SN 20913
1029	'DC' 12+90.53	-30.00	240192.33	269318.48	8/10/2015	FD. 5/8" IRON ROD w/ 2" ALUMINUM CAP "OTAK INC"	SN 20913
1030	'DC' 10+79.97	-30.05	240271.35	269100.24	8/10/2015	FD. 5/8" IRON ROD w/ 2" ALUMINUM CAP "OTAK INC"	SN 20913
1035	170+22.24	80.07	240340.79	269038.47	8/10/2015	FD. 5/8" IRON ROD w/ OPC "HARDEY ENG & ASSOC"	SN 21274
1036	166+39.72	-29.82	239944.21	269072.02	9/3/2015	FD. 1-1/2" IRON PIPE	SN 206
1057	'DC' 10+36.01	-75.00	240291.18	269030.54	9/10/2015	FD. 5/8" IRON ROD w/ ALUMINUM CAP "OTAK INC."	SN 20913
1064	-	-	238528.84	266485.655	2/24/2016	FD. 3" BRASS DISK, T36S R2W SEC COR 29/28/32/33 (SEE CAP DIAGRAM)	J.C.C.R. 3rd RE-ESTAB

FD.=FOUND OPC=ORANGE PLASTIC CAP
SN=COUNTY SURVEY NUMBER J.C.C.R.=JACKSON COUNTY RE-ESTABLISHMENT RECORDS

REGISTERED
PROFESSIONAL
LAND SURVEYOR

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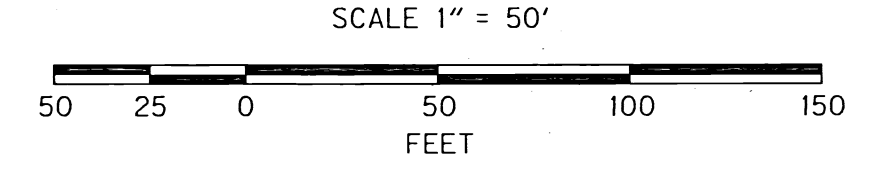
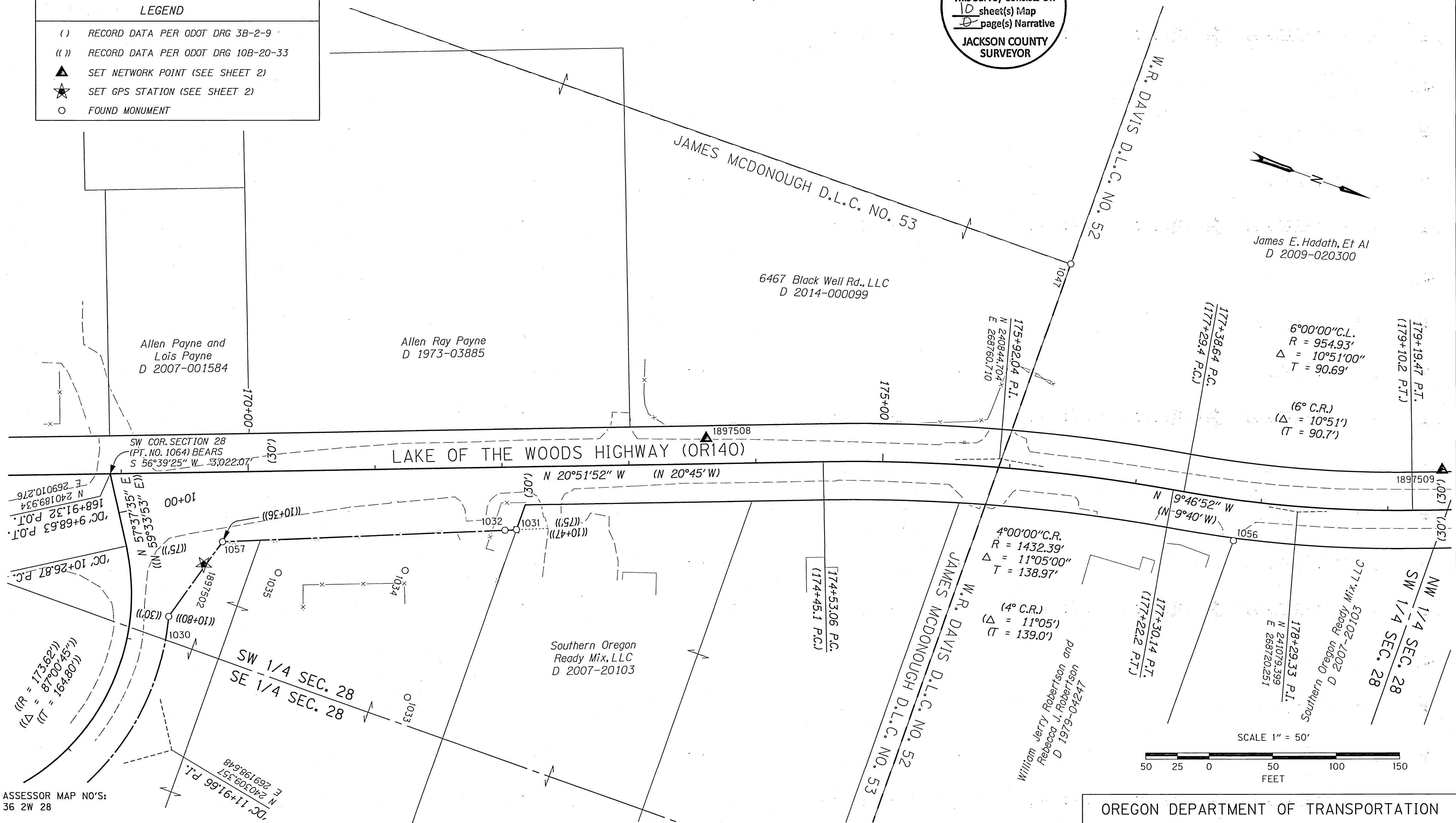
JULY 13, 2017
SCALE: 1"=50'
SHEET 3 OF 10

NW 1/4 SEC 28, T36S R2W WM
 SW 1/4 SEC 28, T36S R2W WM
 SE 1/4 SEC 28, T36S R2W WM

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- ▲ SET NETWORK POINT (SEE SHEET 2)
- ★ SET GPS STATION (SEE SHEET 2)
- FOUND MONUMENT



RECOVERED MONUMENT TABLE FD=FOUND OPC=ORANGE PLASTIC CAP YPC=YELLOW PLASTIC CAP REF=REFERENCED BY SN=COUNTY SURVEY NUMBER

PT. NO.	STATION	OFFSET	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION	REFERENCE DOCUMENT
1030	'DC' 10+79.97	-30.05	240271.35	269100.24	42226.39	FD.5/8" IRON ROD w/ 2" ALUMINUM CAP "OTAK INC"	SN 20913
1031	'DC' 172+10.44	49.46	240505.74	268942.83	42226.40	FD.5/8" IRON ROD w/ OPC "NEATHAMER SURVEYING"	SN 21274
1032	172+01.36	49.76	240497.37	268946.34	42226.39	FD.5/8" IRON ROD w/ 2" ALUMINUM CAP "OTAK INC"	SN 20913
1033	171+22.24	179.95	240469.81	269096.19	42226.41	FD.5/8" IRON ROD w/ OPC "HARDEY ENG & ASSOC"	SN 21274
1034	171+22.22	80.02	240434.20	269002.81	42226.39	FD.5/8" IRON ROD	SN 21274
1035	170+22.24	80.07	240340.79	269038.47	42226.39	FD.5/8" IRON ROD w/ OPC "HARDEY ENG & ASSOC"	SN 21274
1047	-	-	240845.16	268597.01	42151.61	FD.5/8" IRON ROD w/ YPC PUNCHED THRU, BENT NORTHERLY (DLC 53 NW)	SN 9217
1056	177+82.14	32.12	241039.60	268758.67	42250.48	FD.1/2" IRON BAR w/ MUSHROOM HEAD	REF SN 9217
1057	'DC' 10+36.01	-75.00	240291.18	269030.54	42257.00	FD.5/8" IRON ROD w/ ALUMINUM CAP "OTAK INC."	SN 20913

REGISTERED PROFESSIONAL LAND SURVEYOR

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 SHEET 4 OF 10

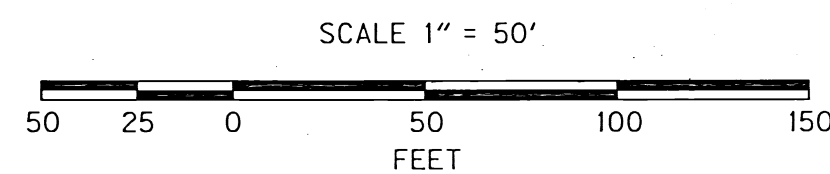
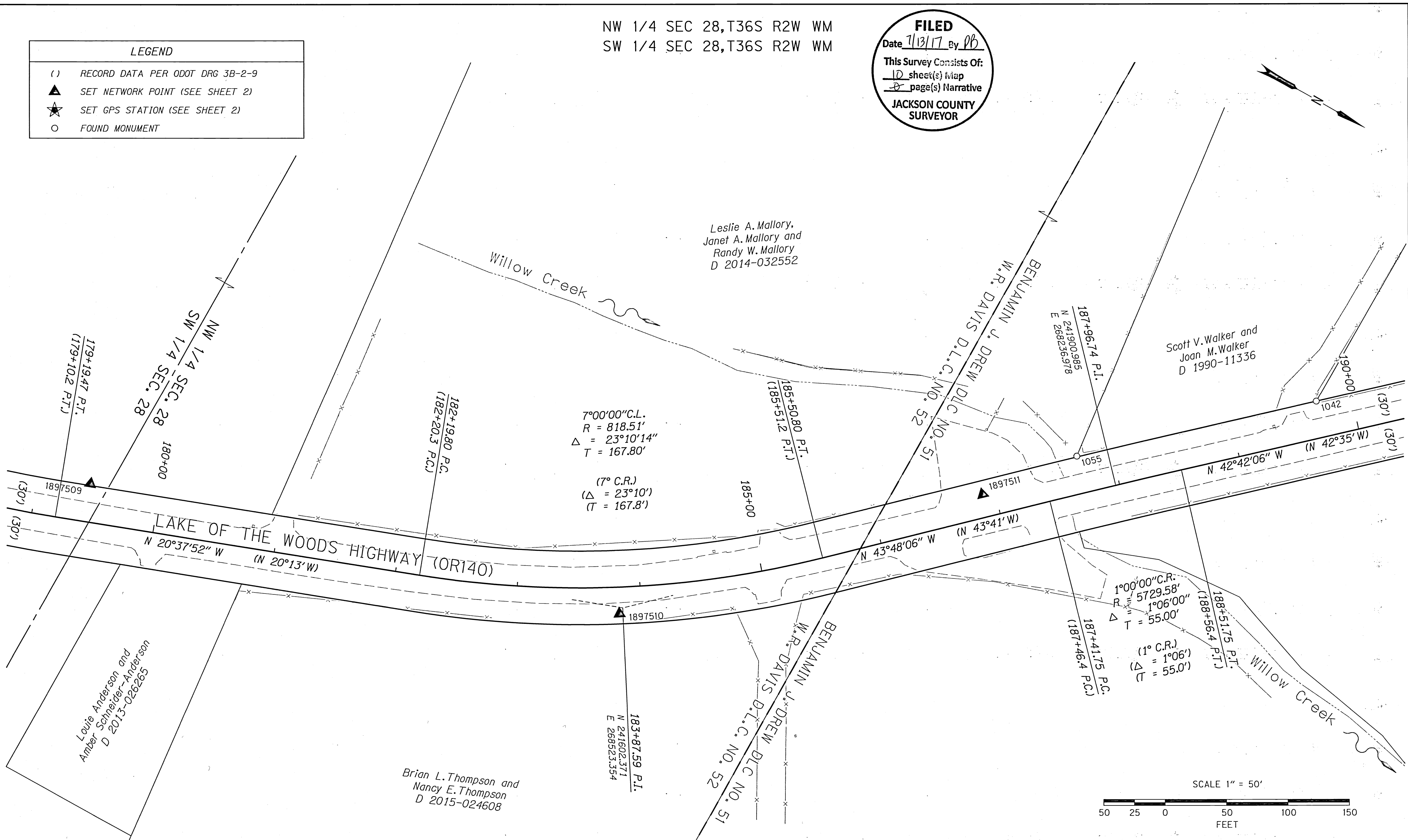
DESIGNED BY: A.AUSLAND DRAFTED BY: A.AUSLAND CHK'D BY: L.MILES

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JACKSON COUNTY SURVEYOR

LEGEND

- () RECORD DATA PER ODOT DRG 3B-2-9
- ▲ SET NETWORK POINT (SEE SHEET 2)
- ★ SET GPS STATION (SEE SHEET 2)
- FOUND MONUMENT



ASSESSOR MAP NO'S:
 34 2W 28

RECOVERED MONUMENT TABLE

PT. NO.	STATION	OFFSET	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION	REFERENCE DOCUMENT
1042	189+71.47	-30.00	242009.05	268096.43	8/10/2015	FD. 5/8" IRON ROD w/ YPC REMNANTS	SN 8297
1055	187+71.68	-30.58	241861.90	268232.20	9/3/2015	FD. 5/8" IRON ROD	REF SN 8297

REGISTERED PROFESSIONAL LAND SURVEYOR

OREGON
 JULY 15, 2003
 ANDREW DAVID AUSLAND
 56136
 EXPIRES: 12/31/2017

OREGON DEPARTMENT OF TRANSPORTATION

HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
 OR140: EXIT 35 TO BLACKWELL RD. SEC.
 LAKE OF THE WOODS HIGHWAY (OR 140)
 OR 140 M.P. -8.15 TO M.P. -6.78
 JACKSON COUNTY

KEY NO. 18975
 REGION 3 TECH CENTER
 100 ANTELOPE ROAD
 WHITE CITY, OREGON, 97503
 DESIGNED BY: A.AUSLAND | DRAFTED BY: A.AUSLAND | CHK'D BY: L.MILES

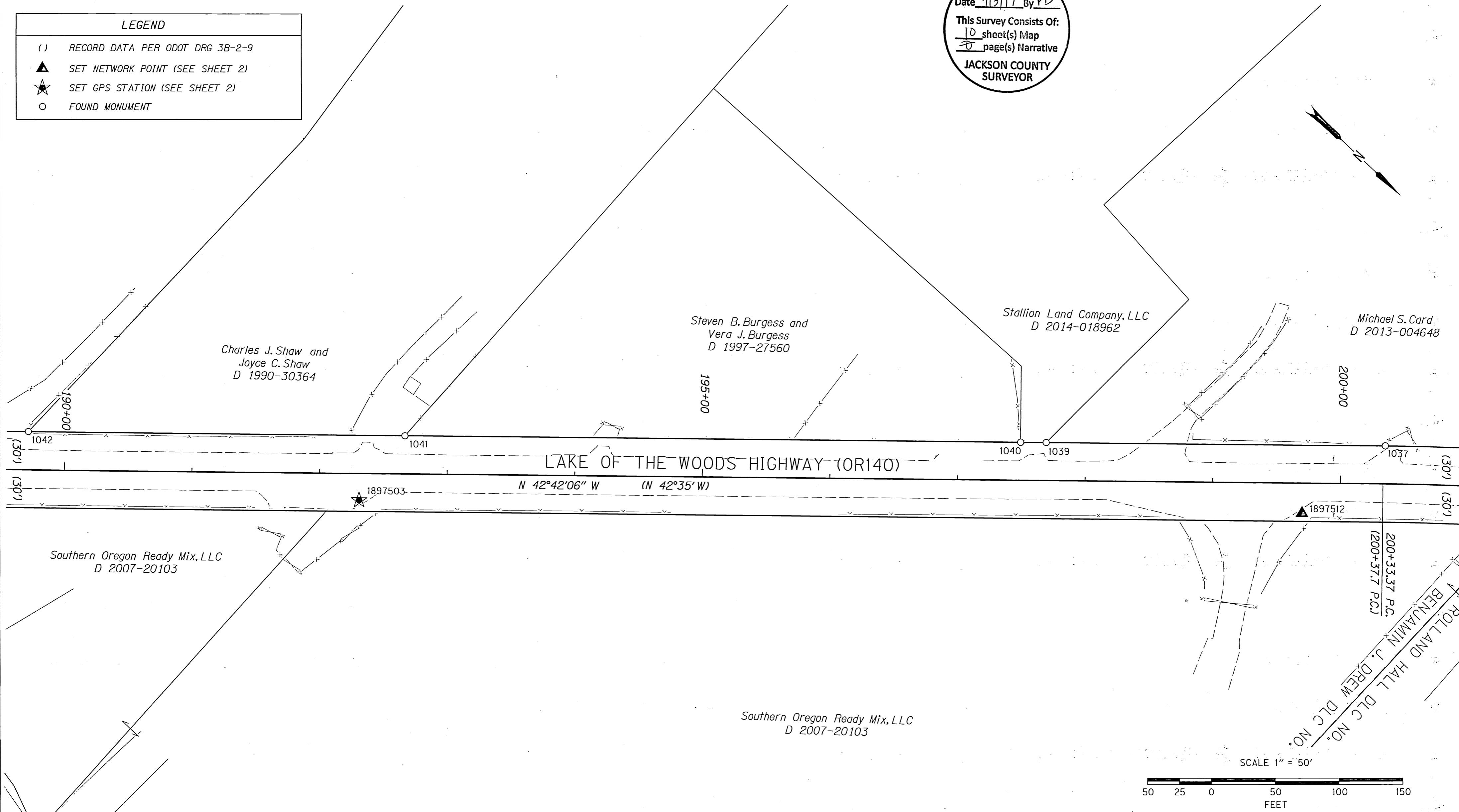
JULY 13, 2017
 SCALE: 1"=50'
 SHEET 5 OF 10

NW 1/4 SEC 28, T36S R2W WM

FILED
 Date 7/13/17 By PB
 This Survey Consists Of:
10 sheet(s) Map
20 page(s) Narrative
JACKSON COUNTY
SURVEYOR

LEGEND

- () RECORD DATA PER ODOT DRG 3B-2-9
- ▲ SET NETWORK POINT (SEE SHEET 2)
- ★ SET GPS STATION (SEE SHEET 2)
- FOUND MONUMENT



ASSESSOR MAP NO'S:
 36 2W 28

RECOVERED MONUMENT TABLE

FD.=FOUND OPC= ORANGE PLASTIC CAP YPC=YELLOW PLASTIC CAP SN=COUNTY SURVEY NUMBER

PT. NO.	STATION	OFFSET	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION	REFERENCE DOCUMENT
1037	200+34.80	-30.00	242790.50	267375.29	8/10/2015	FD. 5/8" IRON ROD w/ OPC "NEATHAMER SURVEYING"	SN 21376
1039	197+69.10	-29.95	242595.25	267555.54	8/10/2015	FD. 3/4" IRON PIPE	SN 1272
1040	197+49.02	-29.96	242580.49	267569.15	8/10/2015	FD. 5/8" IRON ROD w/ YPC "VERLYN THOMAS LS 505"	SN 11224
1041	192+66.51	-29.91	242225.92	267896.41	8/10/2015	FD. 5/8" IRON ROD	SN 11224

REGISTERED PROFESSIONAL LAND SURVEYOR

OREGON
 JULY 15, 2003
 ANDREW DAVID AUSLAND
 56136
 EXPIRES: 12/31/2017

OREGON DEPARTMENT OF TRANSPORTATION

HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
 OR140: EXIT 35 TO BLACKWELL RD. SEC.
 LAKE OF THE WOODS HIGHWAY (OR 140)
 OR 140 M.P. -8.15 TO M.P. -6.78
 JACKSON COUNTY

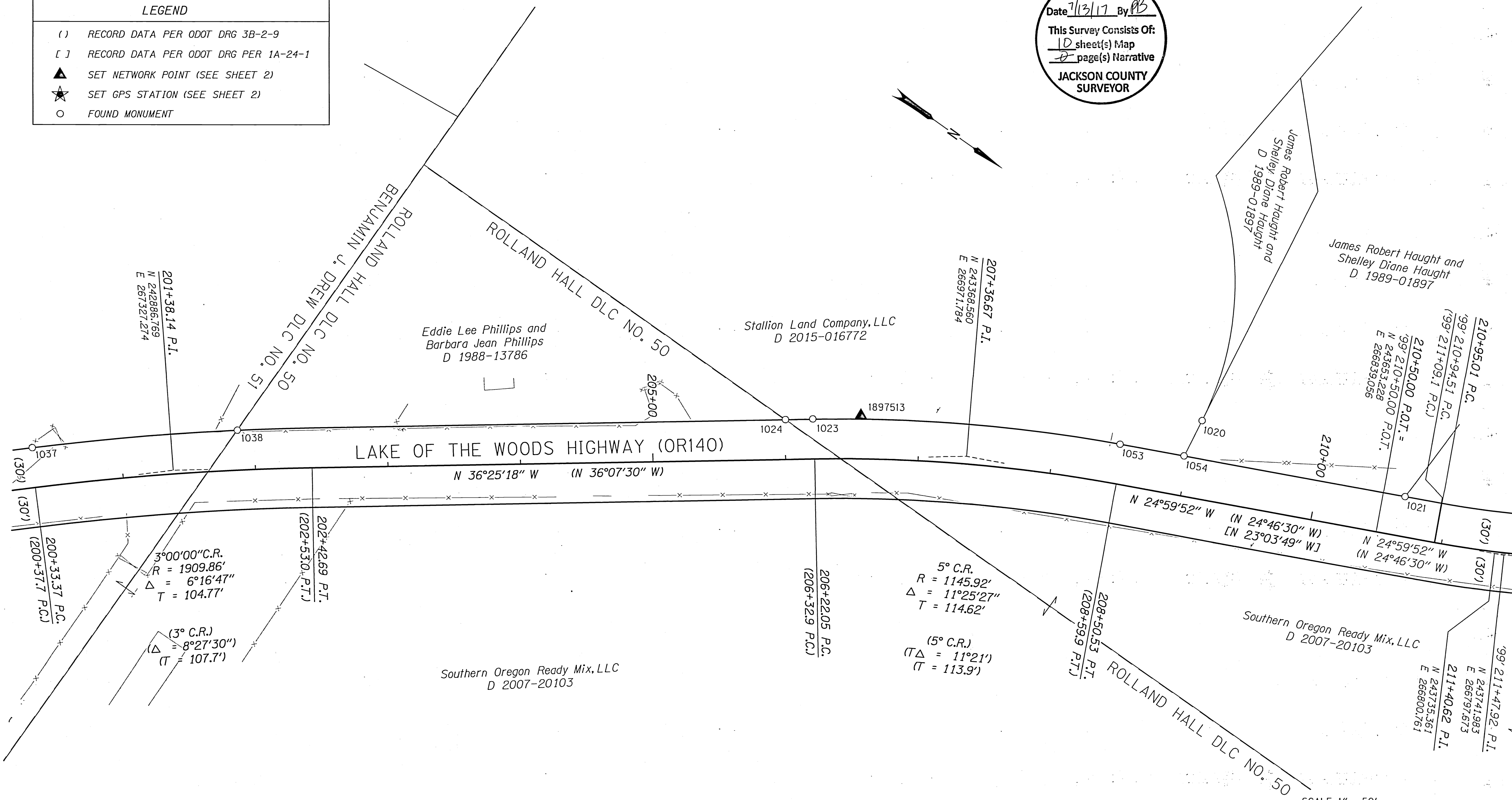
KEY NO. 18975
 REGION 3 TECH CENTER
 100 ANTELOPE ROAD
 WHITE CITY, OREGON, 97503

DESIGNED BY: A.AUSLAND DRAFTED BY: A.AUSLAND CHK'D BY: L.MILES

JULY 13, 2017
 SCALE: 1"=50'
 SHEET 6 OF 10

LEGEND	
()	RECORD DATA PER ODOT DRG 3B-2-9
[]	RECORD DATA PER ODOT DRG PER 1A-24-1
▲	SET NETWORK POINT (SEE SHEET 2)
★	SET GPS STATION (SEE SHEET 2)
○	FOUND MONUMENT

FILED
 Date 7/13/17 By PB
 This Survey Consists Of:
 10 sheet(s) Map
 0 page(s) Narrative
JACKSON COUNTY SURVEYOR



ASSESSOR MAP NO'S:
 36 2W 28

RECOVERED MONUMENT TABLE

PT. NO.	STATION	OFFSET	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION	REFERENCE DOCUMENT
1020	-	-	243497.65	266846.82	8/10/2015	FD. 5/8" IRON ROD	REF SN 3273
1021	'99' 210+66.68	-29.99	243655.68	266804.82	8/10/2015	FD. 5/8" IRON ROD	SN 2538
1023	206+21.12	-30.13	243257.69	267016.15	8/10/2015	FD. 5/8" IRON ROD w/ OPC "NEATHAMER SURVEYING"	SN 21275
1024	206+00.45	-30.00	243241.14	267028.52	8/10/2015	FD. 5/8" IRON ROD, DN 0.9'	SN 1269
1037	200+34.80	-30.00	242790.50	267375.29	8/10/2015	FD. 5/8" IRON ROD w/ OPC "NEATHAMER SURVEYING"	SN 21376
1038	201+87.73	-30.06	242908.79	267274.68	8/10/2015	FD. 3/4" IRON PIPE	SN 1272
1053	208+48.10	-29.93	243457.54	266897.28	9/3/2015	FD. 5/8" IRON ROD	SN 21275
1054	208+97.05	-30.02	243501.92	266876.49	9/3/2015	FD. 5/8" IRON ROD, DN 0.7'	SN 1269

REGISTERED PROFESSIONAL LAND SURVEYOR

OREGON
 JULY 15, 2003
 ANDREW DAVID AUSLAND
 56136
 EXPIRES: 12/31/2017

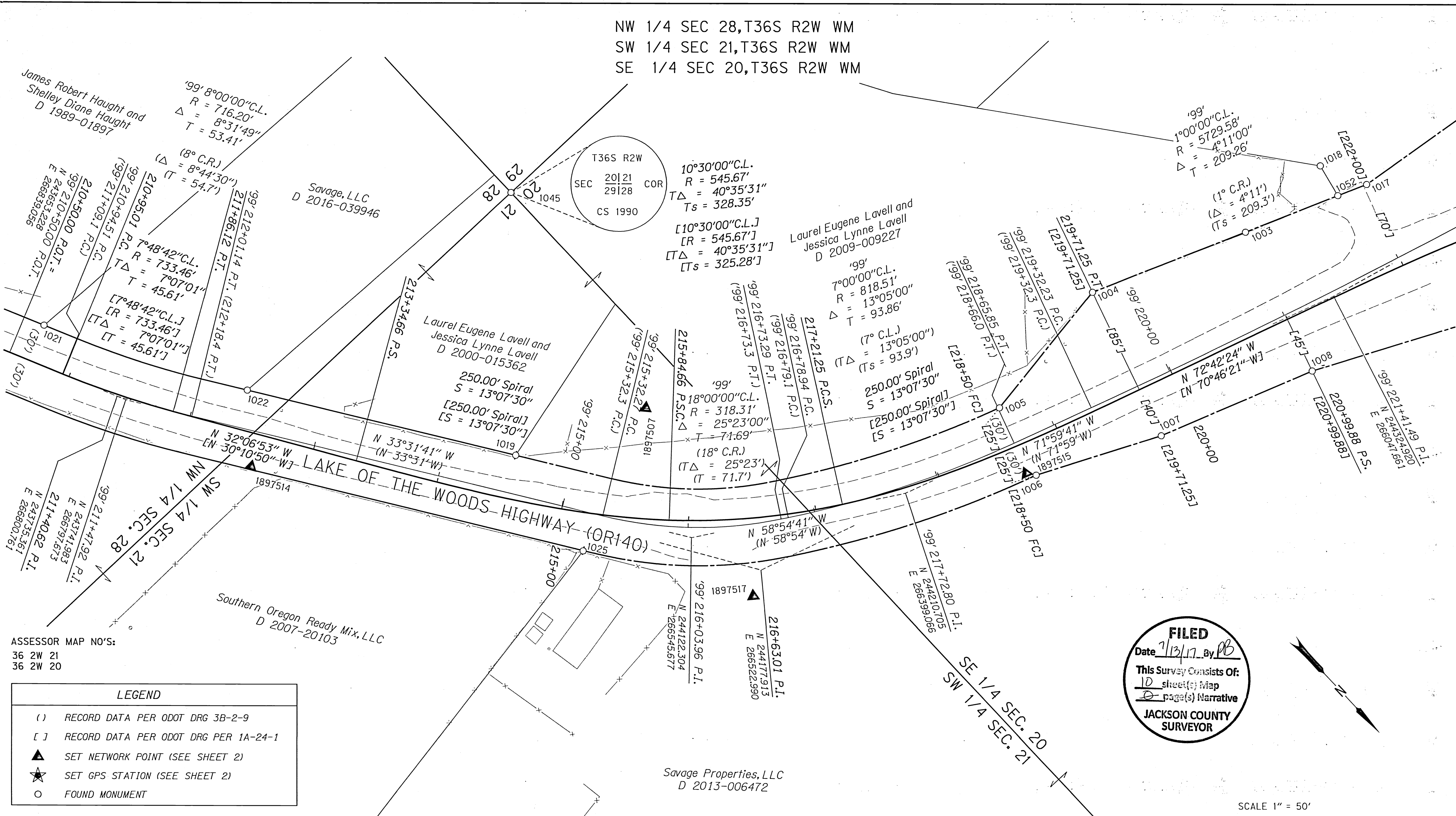
OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
 OR140: EXIT 35 TO BLACKWELL RD. SEC.
 LAKE OF THE WOODS HIGHWAY (OR 140)
 OR 140 M.P. -8.15 TO M.P. -6.78
 JACKSON COUNTY

KEY NO. 18975
 REGION 3 TECH CENTER
 100 ANTELOPE ROAD
 WHITE CITY, OREGON, 97503

JULY 13, 2017
 SCALE: 1"=50'
 SHEET 7 OF 10

DESIGNED BY: A.AUSLAND | DRAFTED BY: A.AUSLAND | CHK'D BY: L.MILES

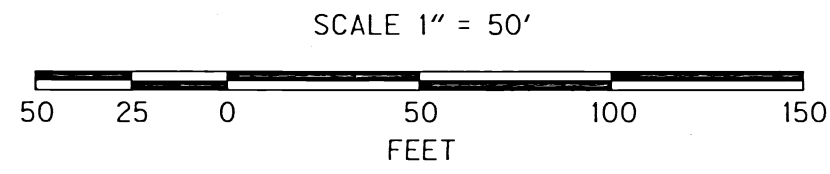
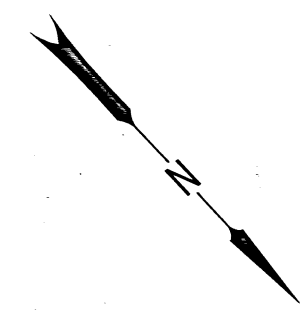
NW 1/4 SEC 28, T36S R2W WM
 SW 1/4 SEC 21, T36S R2W WM
 SE 1/4 SEC 20, T36S R2W WM



ASSESSOR MAP NO'S:
 36 2W 21
 36 2W 20

LEGEND	
()	RECORD DATA PER ODOT DRG 3B-2-9
[]	RECORD DATA PER ODOT DRG PER 1A-24-1
▲	SET NETWORK POINT (SEE SHEET 2)
★	SET GPS STATION (SEE SHEET 2)
○	FOUND MONUMENT

FILED
 Date 7/13/17 By PB
 This Survey Consists Of:
 10 sheet(s) Map
 2 page(s) Narrative
JACKSON COUNTY SURVEYOR



RECOVERED MONUMENT TABLE

FD.=FOUND RPC= RED PLASTIC CAP OPC= ORANGE PLASTIC CAP FC= FALSE CALL
 REF=REFERENCED BY SN-COUNTY SURVEY NUMBER J.C.C.R.=JACKSON COUNTY RE-ESTABLISHMENT RECORDS

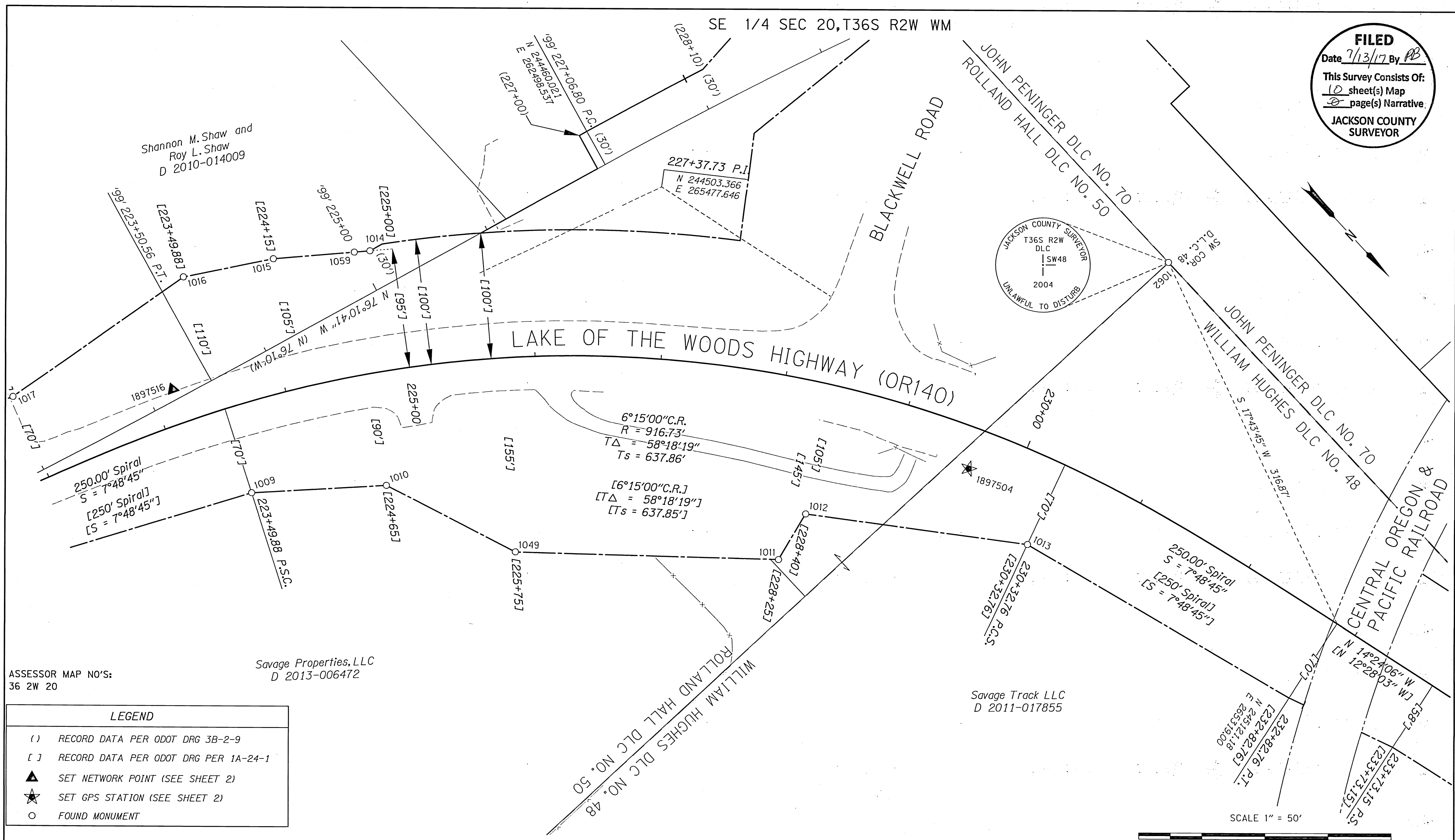
PT. NO.	STATION	OFFSET	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION	REFERENCE DOCUMENT
1003	220+99.89	-76.16	244241.04	266064.02	8/10/2015	FD.5/8" IRON ROD w/ ALUMINUM CAP "ODOT RIGHT OF WAY"	SN 21011
1004	219+71.25	-84.97	244194.39	266184.23	8/10/2015	FD.5/8" IRON ROD w/ ALUMINUM CAP "ODOT RIGHT OF WAY"	SN 21011
1005	'99' 218+66.96	-29.98	244211.55	266299.48	8/10/2015	FD.5/8" IRON ROD w/ ALUMINUM CAP "ODOT RIGHT OF WAY"	SN 21011
1006	'99' 218+70.87	30.04	244269.84	266314.32	8/10/2015	FD.5/8" IRON ROD w/ ALUMINUM CAP "ODOT RIGHT OF WAY"	SN 21011
1007	219+72.58	43.23	244313.78	266221.33	8/10/2015	FD.5/8" IRON ROD w/ ALUMINUM CAP "ODOT RIGHT OF WAY"	SN 21011
1008	221+00.12	48.93	244356.74	266100.02	8/10/2015	FD.5/8" IRON ROD w/ ALUMINUM CAP "ODOT RIGHT OF WAY"	SN 21011
1017	222+04.89	-62.62	244277.91	265968.95	8/10/2015	FD.5/8" IRON ROD w/ OPC "LS 51382"	SN 20742
1018	221+79.12	-92.39	244242.45	265985.56	8/10/2015	FD.5/8" IRON ROD w/ OPC "LS 51382"	SN 20742
1019	'99' 214+54.96	-29.96	243981.55	266603.00	8/10/2015	FD.5/8" IRON ROD	SN 3703
1021	'99' 210+66.68	-29.99	243655.68	266804.82	8/10/2015	FD.5/8" IRON ROD	SN 2538
1022	'99' 212+38.47	-29.99	243801.06	266722.56	8/10/2015	FD.1/2" IRON PIPE	REF SN 3703
1025	'99' 215+23.99	30.27	244072.36	266615.08	8/10/2015	FD.5/8" IRON ROD w/ RPC "DA EDWARDS LS 2339"	SN 14262
1045	-	-	243827.43	266465.26	5/27/2015	FD.2-1/4" BRASS DISK, SEC COR 20/21/29/28 (SEE CAP DIAGRAM)	J.C.C.R. 3rd RE-ESTAB
1052	221+76.63	-71.26	244269.13	265991.43	8/10/2015	FD.5/8" IRON ROD w/ OPC "LS 51382"	SN 20742

REGISTERED PROFESSIONAL LAND SURVEYOR

OREGON
 JULY 15, 2003
 ANDREW DAVID AUSLAND
 56136
 EXPIRES: 12/31/2017

OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
 OR140: EXIT 35 TO BLACKWELL RD. SEC.
 LAKE OF THE WOODS HIGHWAY (OR 140)
 OR 140 M.P. -8.15 TO M.P. -6.78
 JACKSON COUNTY
 ENGLISH
 KEY NO. 18975
 REGION 3 TECH CENTER
 100 ANTELOPE ROAD
 WHITE CITY, OREGON, 97503
 JULY 13, 2017
 SCALE: 1"=50'
 SHEET 8 OF 10
 DESIGNED BY: A.AUSLAND DRAFTED BY: A.AUSLAND CHK'D BY: L.MILES

FILED
 Date 7/13/17 By PB
 This Survey Consists Of:
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JACKSON COUNTY SURVEYOR



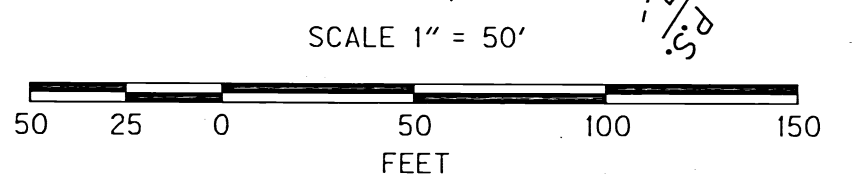
ASSESSOR MAP NO'S:
 36 2W 20

Savage Properties, LLC
 D 2013-006472

Savage Track LLC
 D 2011-017855

LEGEND

- () RECORD DATA PER ODOT DRG 3B-2-9
- [] RECORD DATA PER ODOT DRG PER 1A-24-1
- ▲ SET NETWORK POINT (SEE SHEET 2)
- ★ SET GPS STATION (SEE SHEET 2)
- FOUND MONUMENT



RECOVERED MONUMENT TABLE

PT. NO.	STATION	OFFSET	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION	REFERENCE DOCUMENT
1009	223+35.73	93.61	244462.19	265881.46	8/10/2015	FD. 5/8" IRON ROD w/ ALUMINUM CAP "ODOT RIGHT OF WAY"	SN 21011
1010	224+65.05	90.03	244530.14	265798.94	8/10/2015	FD. 5/8" IRON ROD w/ ALUMINUM CAP "ODOT RIGHT OF WAY"	SN 21011
1011	228+25.03	145.06	244784.11	265610.16	8/10/2015	FD. 5/8" IRON ROD w/ ALUMINUM CAP "ODOT RIGHT OF WAY"	SN 21011
1012	228+40.00	105.00	244771.91	265569.87	8/10/2015	FD. 5/8" IRON ROD w/ ALUMINUM CAP "ODOT RIGHT OF WAY"	SN 21011
1013	230+32.86	69.95	244908.84	265456.78	8/10/2015	FD. 5/8" IRON ROD w/ ALUMINUM CAP "ODOT RIGHT OF WAY"	SN 21011
1014	225+10.46	-30.00	244383.98	265682.03	8/10/2015	FD. 5/8" IRON ROD w/ ALUMINUM CAP "ODOT RIGHT OF WAY"	SN 21011
1015	224+40.30	-61.30	244336.82	265742.68	8/10/2015	FD. 5/8" IRON ROD w/ OPC "HBH CONSULTING LS 51382"	SN 20742
1016	223+70.86	-83.03	244299.14	265804.92	8/10/2015	FD. 5/8" IRON ROD w/ OPC "LS 51382"	SN 20742
1017	222+04.89	-62.62	244277.91	265968.95	8/10/2015	FD. 5/8" IRON ROD w/ OPC "LS 51382"	SN 20742
1049	225+75.03	154.97	244638.38	265759.52	8/10/2015	FD. 5/8" IRON ROD	SN 21011
1059	224+99.11	-35.03	244376.39	265691.84	9/10/2015	FD. 5/8" IRON ROD w/ OPC "LS 51382"	SN 20922
1062	-	-	244819.36	265222.51	2/24/2016	FD. 3-1/4" BRASS DISK, SW DLC 48 (SEE CAP DIAGRAM)	J.C.C.R. 3rd RE-ESTAB

SN=COUNTY SURVEY NUMBER FD=FOUND
 OPC=ORANGE PLASTIC CAP J.C.C.R.=JACKSON COUNTY RE-ESTABLISHMENT RECORDS

REGISTERED PROFESSIONAL LAND SURVEYOR

 OREGON
 JULY 15, 2003
 ANDREW DAVID AUSLAND
 56136
 EXPIRES: 12/31/2017

OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
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 LAKE OF THE WOODS HIGHWAY (OR 140)
 OR 140 M.P. -8.15 TO M.P. -6.78
 JACKSON COUNTY
 ENGLISH

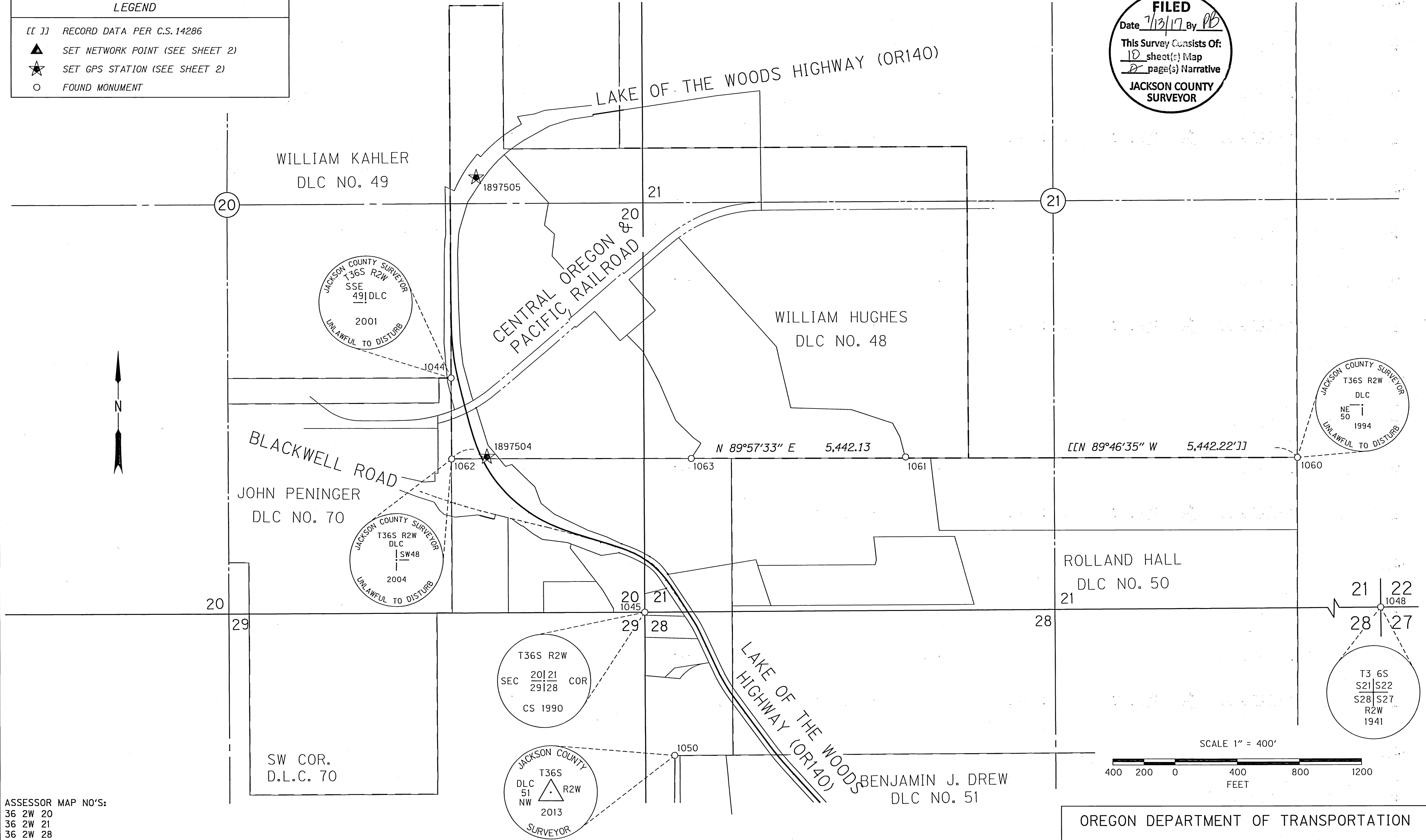
 KEY NO. 18975
 REGION 3 TECH CENTER
 100 ANTELOPE ROAD
 WHITE CITY, OREGON, 97503
 JULY 13, 2017
 SCALE: 1"=50'
 SHEET 9 OF 10
 DESIGNED BY: A.AUSLAND DRAFTED BY: A.AUSLAND CHK'D BY: L.MILES

SEC 20, 21, 28 & 29 T36S R2W WM

LEGEND

- [[JJ]] RECORD DATA PER C.S. 14286
- ▲ SET NETWORK POINT (SEE SHEET 2)
- ★ SET GPS STATION (SEE SHEET 2)
- FOUND MONUMENT

FILED
 Date 7/13/17 By PB
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JACKSON COUNTY SURVEYOR



ASSESSOR MAP NO'S:
 36 2W 20
 36 2W 21
 36 2W 28

RECOVERED MONUMENT TABLE SN-COUNTY SURVEY NUMBER FD=FOUND OPC=ORANGE PLASTIC CAP J.C.C.R.=JACKSON COUNTY RE-ESTABLISHMENT RECORDS

PT. NO.	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION	REFERENCE DOCUMENT
1044	245341.49	265220.70	5/28/2015	FD. 2-1/4" BRASS DISK, SSE DLC 49 (SEE CAP DIAGRAM)	J.C.C.R. 5th RE-ESTAB
1045	243827.43	266465.26	5/27/2015	FD. 2-1/4" BRASS DISK, SEC COR 20/21/29/28 (SEE CAP DIAGRAM)	J.C.C.R. 3rd RE-ESTAB
1048	243858.43	271777.90	5/27/2015	FD. 2" BRASS DISK, T36S R2W SEC COR 21/22/28/27 (SEE CAP DIAGRAM)	J.C.C.R. 3rd RE-ESTAB
1050	242905.29	266655.35	6/30/2015	FD. 5/8" IRON ROD w/ 2" ALUMINUM CAP, DLC 51 NW (SEE CAP DIAGRAM)	J.C.C.R. 6th RE-ESTAB
1060	244823.25	270664.64	2/24/2016	FD. 2-1/4" BRASS DISK, NE DLC 50 (SEE CAP DIAGRAM)	J.C.C.R. 3rd RE-ESTAB
1061	244828.63	268144.13	2/24/2016	FD. 5/8" IRON ROD w/ RPC "D.A. EDWARDS 2339", BENT BADLY	SN 12889
1062	244819.36	265222.51	2/24/2016	FD. 3-1/4" BRASS DISK, SW DLC 48 (SEE CAP DIAGRAM)	J.C.C.R. 3rd RE-ESTAB
1063	244820.68	266764.56	2/24/2016	FD. 5/8" IRON ROD w/ RPC "D.A. EDWARDS 2339"	SN 12889

REGISTERED PROFESSIONAL LAND SURVEYOR

Andrew David Ausland

OREGON
 JULY 15, 2003
 ANDREW DAVID AUSLAND
 56136
 EXPIRES: 12/31/2017

OREGON DEPARTMENT OF TRANSPORTATION

HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
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 OR 140 M.P. -8.15 TO M.P. -6.78
 JACKSON COUNTY

KEY NO. 18975
 REGION 3 TECH CENTER
 100 ANTELOPE ROAD
 WHITE CITY, OREGON, 97503

JULY 13, 2017
 SCALE: 1"=50'
 SHEET 10 OF 10

DESIGNED BY: A.AUSLAND DRAFTED BY: A.AUSLAND CHK'D BY: L.MILES