NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO RESOLVE THE EXISTING FIELD LOCATIONS FOR THE EXISTING RIGHT OF WAY CENTERLINE ALIGNMENTS AND ROAD WIDTHS FOR A PORTION OF EAGLE MILL ROAD AND OAK STREET IN ASHLAND, OREGON. THE SURVEY WAS MADE AT THE REQUEST OF JACKSON COUNTY WHICH HAS PLANS TO REPLACE THE EXISTING OAK STREET BRIDGE STRUCTURE OVER BEAR CREEK. THE PURPOSE OF THIS SURVEY IS TO PERPETUATE THE EXISTING LOCATIONS OF SURVEY MONUMENTS OF RECORD THAT MAY BECOME DESTROYED BY FUTURE CONSTRUCTION IMPROVEMENTS. PERPETUATION OF THE MONUMENT LOCATIONS WAS ACCOMPLISHED BY TYING THE MONUMENTS TO THE PROJECT CONTROL NETWORK. THIS SURVEY MEETS THE REQUIREMENTS FOR A RECOVERY SURVEY AS OUTLINED IN THE OREGON REVISED STATUTES CHAPTER 209.155.

IN PERFORMING THE INITIAL STATIC GPS SURVEY TO ESTABLISH PROJECT CONTROL IT WAS DISCOVERED THAT THE RECORD POSITION OF NGS HARN STATION DESIGNATION NZO978 (OBEC 20) DID NOT FIT WELL WITH THE PUBLISHED NAD 83(98) VALUES. AFTER REVIEWING POINT DOCUMENTATION, IT WAS DISCOVERED THAT THIS POINT WAS NOT INCLUDED IN THE APRIL 2000 NGS ADJUSTMENT. THE POSITION WAS THEN ADJUSTED HOLDING NGS HARNS STATIONS NZ1326 (OBEC 10) AND A12003 (OBEC 30), THEN HELD TO CONTROL SUBSEQUENTLY TIED POINTS SHOWN ON THIS SURVEY.

THIS SURVEY UTILIZED A LOCAL DATUM PLANE (LDP) COORDINATE SYSTEM, WHICH IS RELATIVE TO THE OREGON STATE PLANE COORDINATE SYSTEM, SOUTH ZONE - NAD83 (98). TO CONVERT THE LDP COORDINATES TO OREGON STATE PLANE SOUTH ZONE - NAD83 (98), MULTIPLY THE COORDINATES BY A COMBINED SCALE FACTOR OF 0.999949865. OBEC POINT NUMBERS 590 AND 10 WERE CHOSEN FOR THE PROJECT BASIS OF BEARING TO REFLECT LOCAL SITE VALUES WITHIN THE PROJECT LDP.

THIS SURVEY WAS PERFORMED IN INTERNATIONAL FEET. TO CONVERT FROM INTERNATIONAL FEET TO METERS MULTIPLY BY .3048. TO CONVERT FROM INTERNATIONAL FEET TO U.S. SURVEY FEET MULTIPLY BY 0.999998. CONTROL POINTS FOR THIS SURVEY WERE NOT SET ON AND DO NOT REPRESENT PROPERTY LINES OF RIGHT OF WAY LINES AND ARE INTENDED FOR USE BY JACKSON COUNTY ROADS, PARKS AND PLANNING SERVICES AND OBEC CONSULTING ENGINEERS IN SUPPORT OF FUTURE PROJECTS. IT IS NOT THE INTENT OF JACKSON COUNTY ROADS, PARKS AND PLANNING SERVICES OR OBEC CONSULTING ENGINEERS TO PERPETUATE THESE CONTROL POINTS AS MONUMENTS.

THE CONTROL SURVEY WAS PERFORMED IN JUNE OF 2004. THE SURVEY EQUIPMENT CONSISTED OF TWO TRIMBLE 4700 RECEIVERS, A TRIMBLE 4400 RECEIVER, TWO TSCI DATA COLLECTORS, AND A NIKON DTM-520 TOTAL STATION.

OAK STREET

THE RETRACEMENT OF THE RIGHT OF WAY OF OAK STREET WAS COMPLETED UTILIZING THE 1938 COUNTY ROLL MAP AND ROAD PETITION SURVEY NO. 38-1E-33 (NEVADA ST.- MOUNTAIN AVENUE). ALSO USED WERE FILED SURVEY NO.S: 18252, 5576, 16262, 16681, 9272 AND 6676. THE CENTERLINE SOUTH OF THE BRIDGE WAS ESTABLISHED BY HOLDING THE NORTHWEST CORNER OF DLC NO. 53 TO THE NORTH AND CITY OF ASHLAND CENTERLINE MONUMENTATION ON THE SOUTH END OF THE PROJECT. THE 1938 COUNTY ROLL MAP CENTERLINE DATA WAS HELD FOR THIS SURVEY AND USED TO COMPARE WITH FOUND MONUMENTS. THE RESIDUALS FROM THE RECORD RIGHT OF WAY WIDTHS TO FOUND MONUMENTS WERE MINIMAL AND THEREFORE THESE MONUMENTS WERE HELD. SEE EAGLE MILL ROAD NARRATIVE FOR CENTERLINE DATA NORTH OF BEAR CREEK BRIDGE.

EAGLE MILL ROAD

THE RETRACEMENT OF THE RIGHT OF WAY OF EAGLE MILL ROAD WAS COMPLETED UTILIZING ROAD PETITION SURVEY NO. 38-1E-33 (NEVADA ST.- MOUNTAIN AVENUE); ASHLAND ACRES PLAT; CS 6114 AND VOL. 384, PGS. 137-138. ALSO USED WERE FILED SURVEY NO.S: 12824, 2927, 16262 AND 16230. THE RETRACED CENTERLINE OF EAGLE MILL ROAD WAS ESTABLISHED BY HOLDING THE RECORD HORIZONTAL ALIGNMENT AND RIGHT OF WAY WIDTHS AS SHOWN ON CS 6114. THE RESIDUALS FROM THE RECORD RIGHT OF WAY WIDTHS TO FOUND MONUMENTS EXCEEDED 0.10 FEET ON SOME MONUMENTS.

THE ORIGINAL 60' RIGHT OF WAY DEDICATED PER THE "ASHLAND ACRES" PLAT CONTROLS FROM "EM" 29+00 EAST UNTIL REACHING THE CENTERLINE DESCRIBED IN THE PETITION SURVEY NO. 38-1E-33 (NEVADA ST. - MOUNTAIN AVENUE). THE EAGLE MILL DEDICATION CENTERLINE WAS ROTATED TO FIT A COMMON LINE DESCRIBED IN THE PETITION SURVEY NO. 38-1E-33. THE ROTATED ALIGNMENT FIT WELL AND WAS THEREFORE ACCEPTED FOR POSITION. A VACATION ORDER ELIMINATED ALL RIGHT OF WAY THAT EXISTED OUTSIDE OF THE NEW RIGHT OF WAY FROM "EM" 6+00 TO "EM" 29+00.

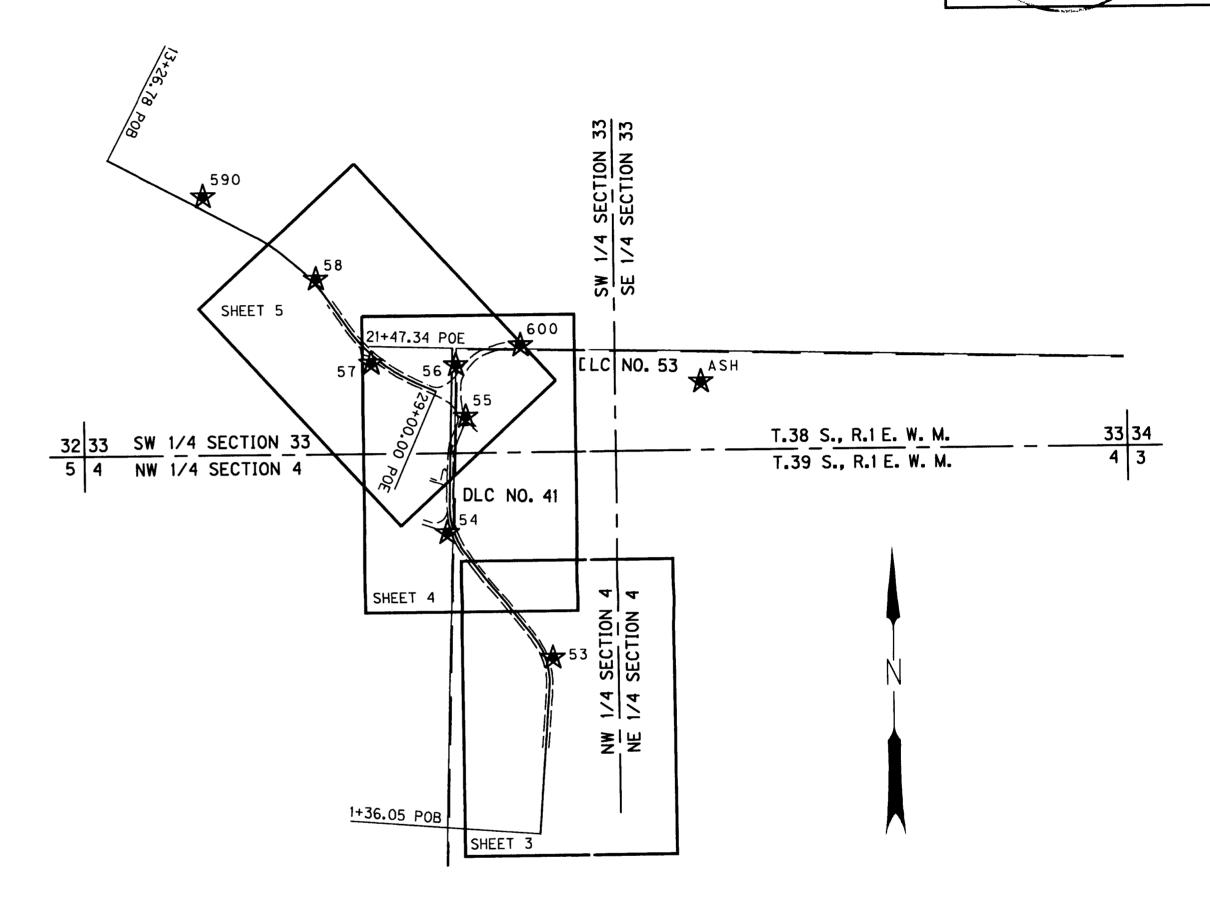
NORTH OF BEAR CREEK THE PETITION SURVEY NO. 38-1E-33 CENTERLINE ALIGNMENT CONTROLS A 40' RIGHT OF WAY WIDTH FOR OAK STREET AND EAGLE MILL NORTHERLY TO THE INTERSTATE NO. 5 RIGHT OF WAY. DEED VOL. 384, PAGES 137-138 COVERS ADDITIONAL RIGHT OF WAY PURCHASED IN DLC NO. 53 FOR THE PRESENT DAY EAGLE MILL ROAD LOCATION. A GAP EXISTS BETWEEN THESE TWO RIGHT OF WAYS AS SHOWN ON SHEET 4 OF 5.

REFERENCES

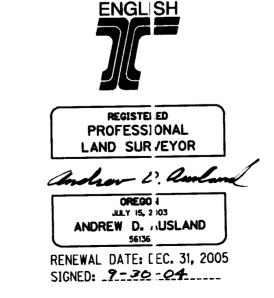
- C.S. 652 BY F. H. WALKER, DATED APRIL 13, 1923
- C.S. 2927 BY L.E. AGER, DATED NOVEMBER 23, 1965
- C.S. 12824 BY DOUGLAS C. MCMAHAN, DATED JANUARY 10, 1992
- C.S. 16262 BY DARRELL L. HUCK, DATED SEPTEMBER 1, 1999
- C.S. 16681 BY MARTIN C. STEWART, DATED OCTOBER 17, 2000
- C.S. 18152 BY SHAWN KAMPMANN, DATED FEBRUARY 27, 2004 C.S. 5576 BY EVERETT L. SWAIN, DATED FEBRUARY 8, 1974
- C.S. 6676 BY VERLYN THOMAS, DATED MARCH 8, 1977
- C.S. 9272 BY EDWARD MCGINTY, DATED MAY 10, 1982
- C.S. 6114 BY WILLIAM J. GADDIS, DATED SEPTEMBER 8, 1975
- ODOT DRG. NO. 38-1E-33 NEVADA ST. MOUNTAIN AVENUE, DATED 1910
- ODOT DRG. NO. 8B-15-22 SEVEN OAKS ASHLAND SECTION PACIFIC HIGHWAY, DATED OCTOBER 1959

SW 1/4 SEC. 33, T.38S., R.1 E., W.M. NW 1/4 SEC. 4, T.39S., R.1 E., W.M.

* RECEIVED * Data 11-5-04 By 86 This survey Consists of: <u> 5</u> shoel(s) Map ____ page(c) Narrative JACKSON COUNTY SURVEYOR



SHEET LAYOUT DIAGRAM



LEGEND

SET GPS POINT

II\PROJECTS\II4\II4-048\Survey\Ms\II4048ret.dgn **ENGINEERS**

1335 POPLAR DRIVE CONSULTING MEDFORD, OREGON 97504 TEL. (541) 774-5590 FAX. (541) 774-5591

HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP

OAK STREET BRIDGE NO. 31 @ BEAR CREEK

FOR JACKSON COUNTY ROADS, PARKS AND PLANNING SERVICES

JACKSON COUNTY, OREGON

AUGUST 2004

DESIGNED: A. AUSLAND

NO SCALE PROJ. NO. 114-048 | SHT. 1 OF 5

139098

9/23/2004

4 Fitte OBEC RANDY FITCH APPROVED BY: SUR. GRP. MAN. TITLE DRAWN: R. ODEAR

CHK'D: RANDY FITCH | FILE NO.

30 PID A12003 DESIGNATION "PACIFIC SURVEY" FD DISK SET IN MONUMENT WELL (05/18/04)

PUBLISHED COORDINATES OREGON STATE PLANE SOUTH ZONE N 252922.84 E 4279292.65

SW 1/4 SEC. 33, T.38S., R.1 E., W.M. NW 1/4 SEC. 4, T.39S., R.1 E., W.M.

BASIS OF BEARING AND CONTROL NETWORK SCHEMATIC

NOT TO SCALE

G.P.S. STATION
ASH
1989
1989
1989
1989

Data //- 5-04 By 68 This survey Consists of: 5 choel(s) Map ____poge(s) Namative JACKSON COUNTY SURVEYOR

* RECEIVED *

SET 5/8" IRON ROD W/RPC STAMPED "OBEC CONTROL" (05/18/04)

PACIFIC SURVEY

MEDFORD, OREGON

 \odot

MANUFACTURED BY

SECO MFG. X REDDING CA, USA

PROJECT COORDINATES (LDP) N 208705.75 E 4321736.11

10 PID N213 26 DESIGNATION "ASH" FD DISK SET IN 6" SQUARE CONCRETE PAD (05/18/(.4)

PROJEC1 COORDINATES (LDP) N 207973.63 E 4323652.17

PUBLISHED COORDINATES OREGON STATE PLANE SOUTH ZONE N 2079£3.20 E 4323435.40

PID N20978 DESIGNATION "F760" FD DISK SET IN ROCK (05/18/04)

> ADJUSTED NETWORK COORDINATES OREGON STATE PLANE SOUTH ZONE

> > LEGEND

FOUND GPS POINT

LINES OF OBSERVATION

SET GPS POINT

N 180622.52 E 4345055.01

CONTROL NARRATIVE

69. BASIS OF BEARING 2051.17 ft.

PROJECT: OAK STREET BRIDGE #31 LOCATION: OAK STREET, JACKSON COUNTY OBEC PROJECT: 114-048 SURVEY DATUM: LOCAL DATUM PLANE (LDP) HORIZONTAL - LDP DERIVED FROM OREGON SOUTH STATE PLANE

NAD 83(98) (INTERNATIONAL FEET) VERTICAL - NAVD 88 (INTERNATIONAL FEET)

0.03 ift. 600 * NORTH AZIMUTH

POINT NO.

53

54

55

56

57

590

FIXED POINTS NOT SUBJECT TO LEAST SQUARES ADJUSTMENT OR CONFIDENCE LEVEL ANALYSIS: 10, 30

SEMI MAJOR

0.01 ift.

0.03 ift.

0.03 ift.

0.02 ift.

0.04 ift.

0.04 ift.

0.02 ift.

1.96 SIGMA (95%) CONFIDENCE LEVEL LIMITS

SEMI MINOR

0.01 ift.

0.02 ift.

0.02 ift.

0.01 ift.

0.02 ift.

0.02 ift.

0.01 ift.

0.02 ift.

RPC = RED PLASTIC CAP

ORIENTATION*

359°

20°

358°

18°

340°

336°

21°

4°

NETWORK POINT COORDINATE TABLE cs = county survey				
PT.	LDP NORTHING	LDP EASTING	DATE	DESCRIPTION
10	207973.63	4323652.17	05-18-2004	FND 4" BRASS DISK IN 6" SQUARE CONCRETE STAMPED "ASH 1989"
20	180631.57	4345272.86	05-18-2004	FND 3 1/2" BRASS DISK STAMPED "F760 1988"
30	252935.67	4279504.85	05-18-2004	FND 4 1/2" BRASS DISK IN MONUMENT WELL "PACIFIC SURVEY"
53	206917.10	4323064.95	06-22-2004	SET 5/8" REBAR W/RPC "OBEC CONTROL"
54	207405.61	4322661.29	05-16-2004	SET 5/8" REBAR W/RPC "OBEC CONTROL"
55	207850.34	4322738.97	05-18-2004	SET MAGNAIL W/WASHER "OBEC CONTROL"
56	208049.72	4322703.13	06-15-2004	SET 5/8" REBAR W/RPC "OBEC CONTROL"
57	208059.65	4322376.76	06-10-2004	SET 5/8" REBAR W/RPC "OBEC CONTROL"
58	208385.83	4322167.49	06-10-2004	SET 5/8" REBAR W/RPC "OBEC CONTROL"
590	208705.75	4321736.11	06-10-2004	SET 5/8" REBAR W/RPC "OBEC CONTROL"
600	208123.74	4322953.76	06-10-2004	SET MAGNAIL W/WASHER "OBEC CONTROL"



REGISTE: ED **PROFESSIONAL** LAND SUR/EYOR andrew D. audans

OREGO 1 JULY 15, 2 X03 ANDREW D. MUSLAND

RENEWAL DATE: [EC. 31, 2005 SIGNED: 9-36-04

APPROVED BY: SUR. GRP. MAN. TITLE DRAWN: R. ODEAR

RANDY FITCH

[s\PR0JECTS\114\114-048\Survey\Ma\114048ret.dgn

CONSULTING 1335 POPLAR DRIVE MEDFORD, OREGON 97504 ENGINEERS TEL. (541) 774-5590 FAX. (541) 774-5591

> HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP

OAK STREET BRIDGE NO. 31 @ BEAR CREEK

FOR JACKSON COUNTY ROADS, PARKS AND PLANNING SERVICES

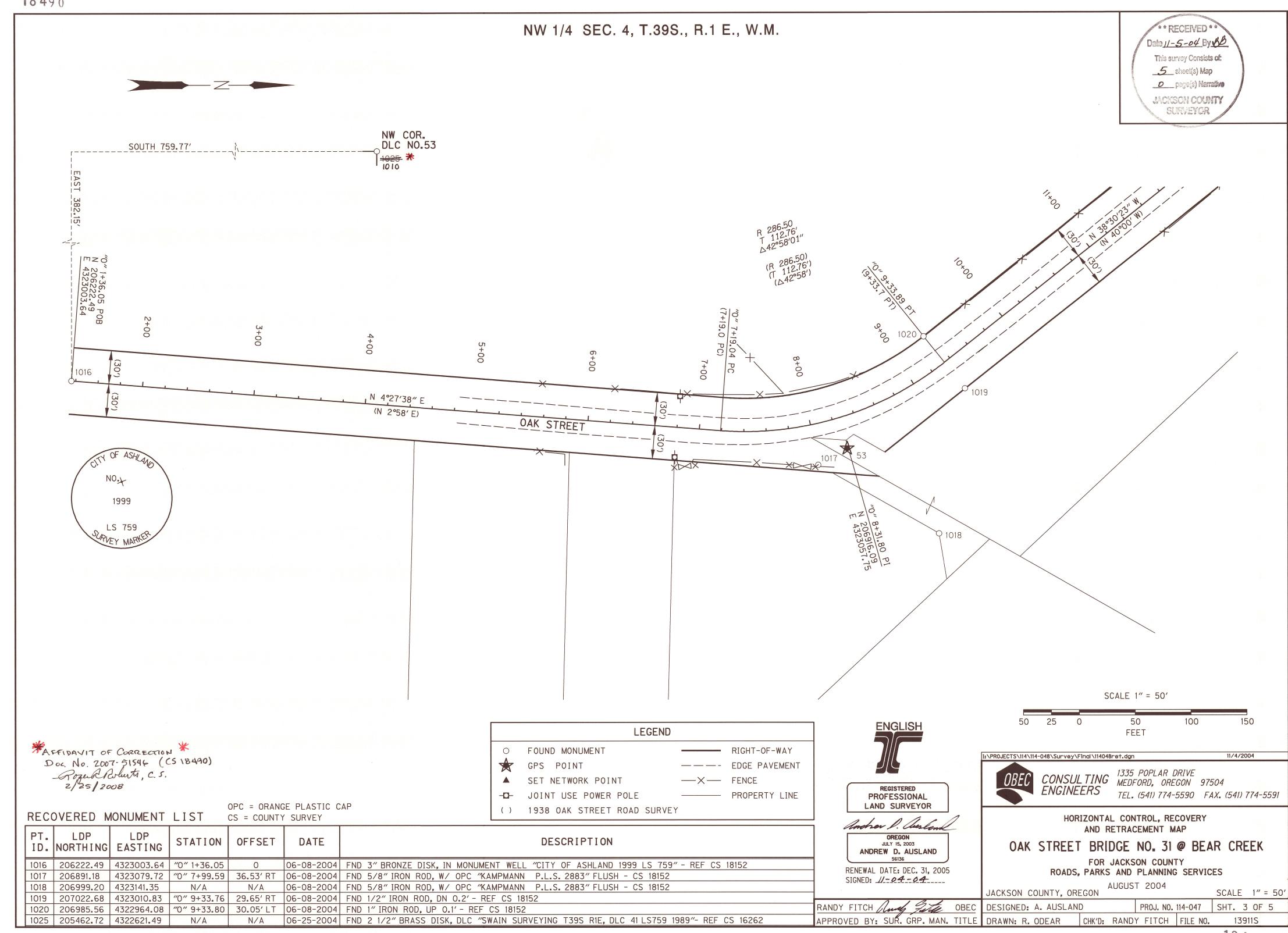
CHK'D: RANDY FITCH | FILE NO.

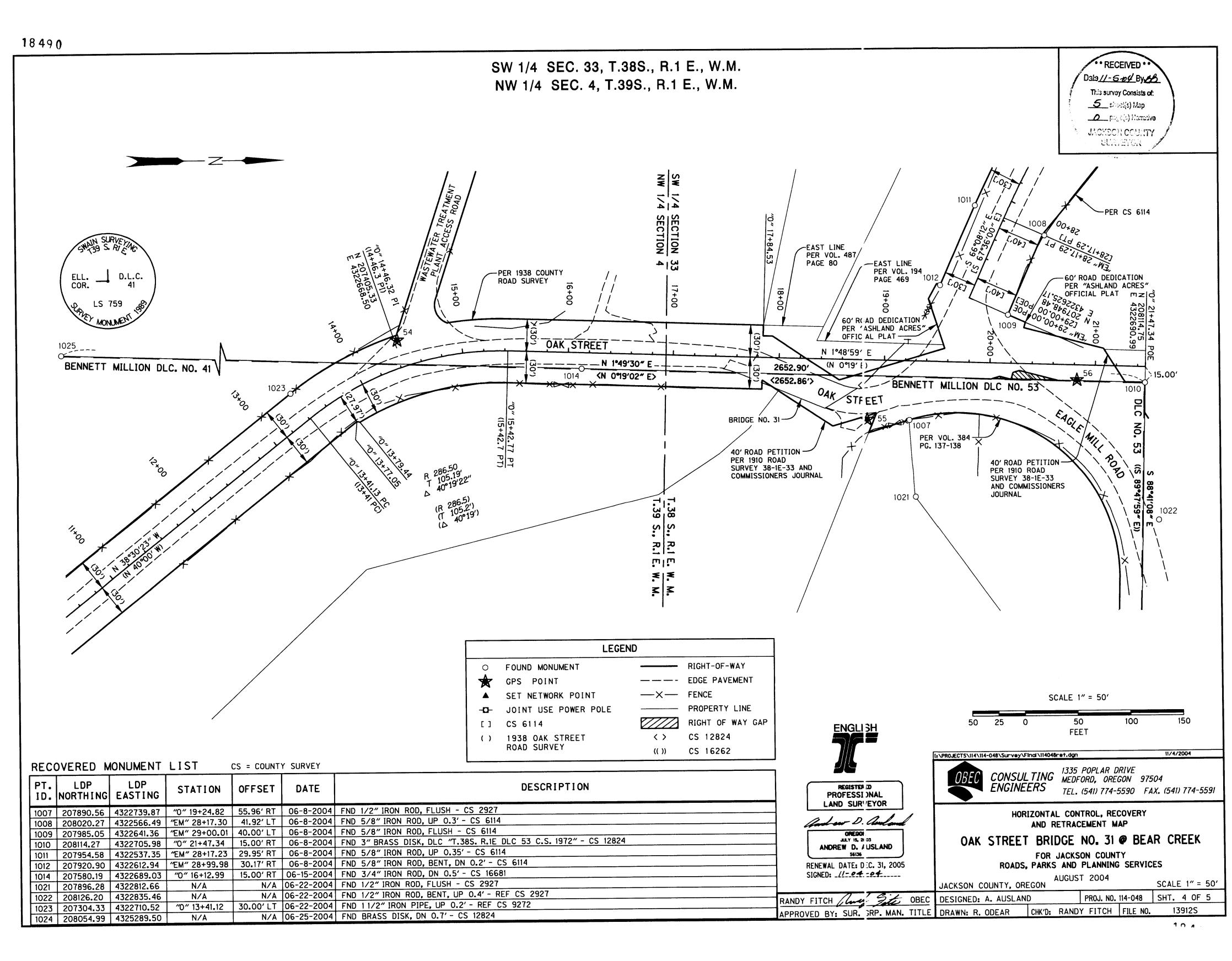
AUGUST 2004

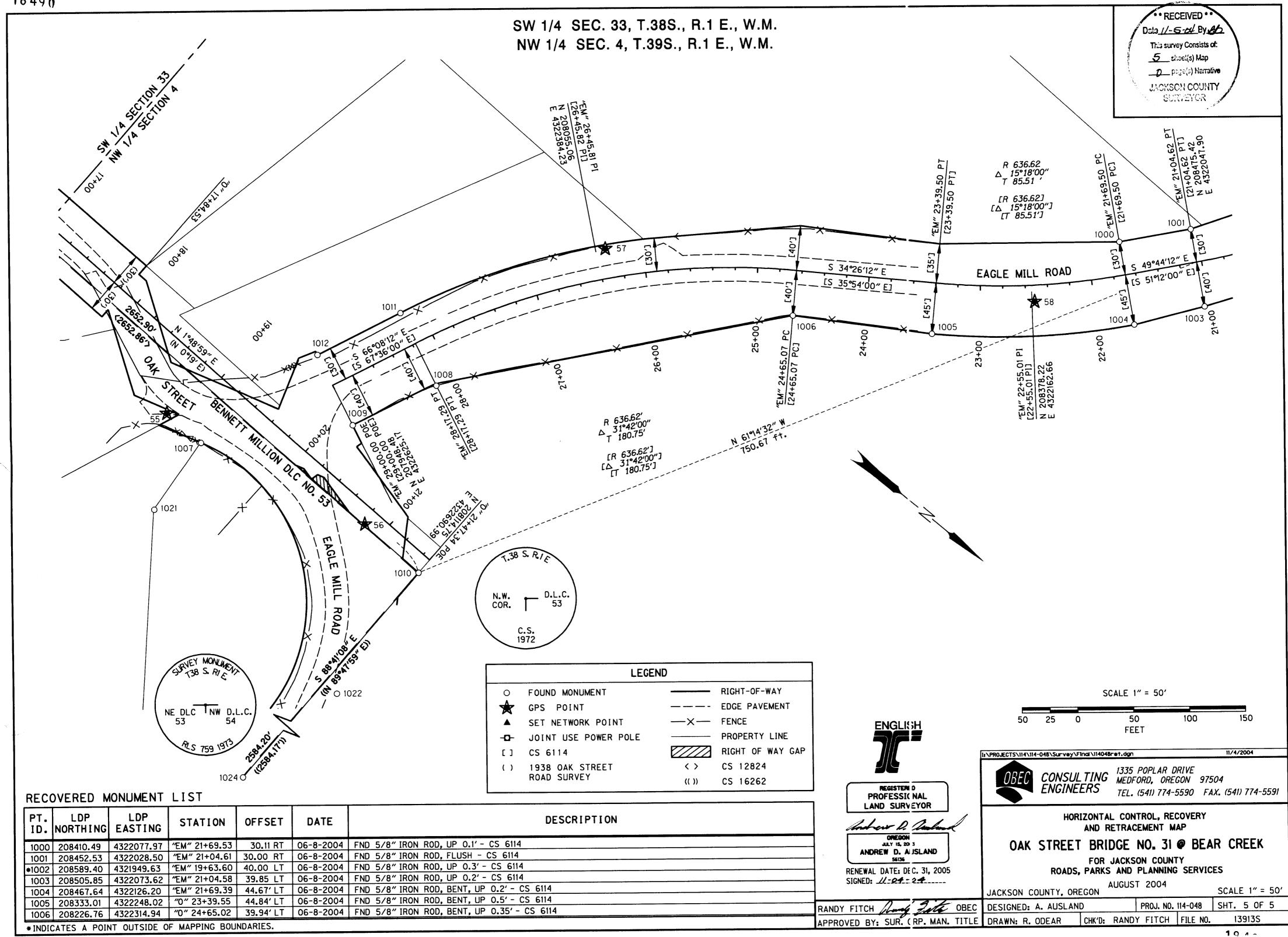
NO SCALE JACKSON COUNTY, OREGON PROJ. NO. 114-048 | SHT. 2 OF 5 OBEC DESIGNED: A. AUSLAND

13910S

9/23/2004









Kathleen S. Beckett - County Clerk

AFFIDAVIT OF CORRECTION

18490

I, ANDREW D. AUSLAND, P.L.S. No.56136, being duly sworn, depose and say that I am the surveyor who surveyed the property as depicted and filed as Survey Number 18490, in the Jackson County Survey Records.

The following corrections to said survey are necessary and are as follows:

1. On sheet number 3 of 5 of said survey the label that designates the point number for the NW COR DLC NO. 53 should read 1010 (Not 1025). Refer to the RECOVERED MONUMENT LIST on sheet number 4 of 5 for point number 1010 data.

The present fee owner(s) of the property materially affected by this affidavit is as follows:

Jackson County Oregon

REGISTERED **PROFESSIONAL** AND SURVEYOR

OREGON ANDREW D. AUSLAND

RENEWAL DATE: DEC. 31, 2007 SIGNED: 10/17/2007

NOTARY STATEMENT: STATE OF OREGON COUNTY OF JACKSON

Subscribed and sworn to before me on this 17th day of CTOBER

tary Public for the State of Oregon

OFFICIAL SEAF LIANA ALPENIA
NOTARY PUBLIC - OREGON
COMMISSION NO. 396271
MY COMMISSION EXPIRES AUG. 21, 2009

ANDREW D. AUSLAND

APPROVAL:

I, Roger R. Roberts, Jackson County Surveyor, do hereby certify that said Affidavit of Correction for Survey Number 18490 has been examined by me and that it complies with requirements of ORS 209.255

> Roger R. Roberts Jackson County Surveyor

> > **RECEIVED ***

This survey Consists of: _sheet(s) Map

page(s) Narrative

JACKSON COUNTY SURVEYOR