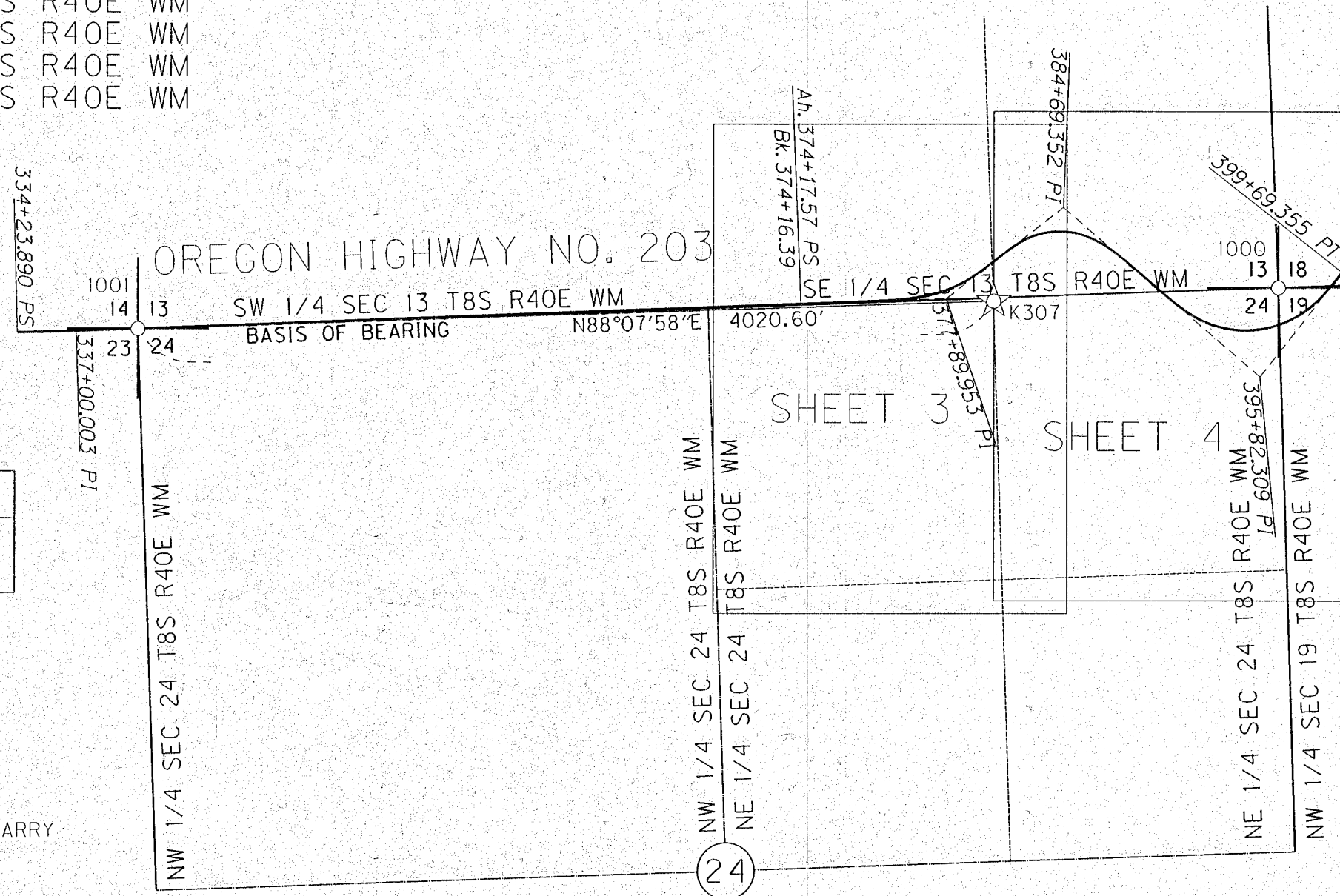


SE 1/4 SECTION 13 T8S R40E WM
 SW 1/4 SECTION 13 T8S R40E WM
 NE 1/4 SECTION 24 T8S R40E WM
 NW 1/4 SECTION 24 T8S R40E WM
 SE 1/4 SECTION 24 T8S R40E WM
 SW 1/4 SECTION 24 T8S R40E WM



LEGEND

☆ FOUND GPS STATION



BASIS OF BEARING & SHEET LAYOUT DIAGRAM

NOT TO SCALE

CONTROL NARRATIVE

PROJECT: BALDOCK SLOUGH EAST QUARRY
 LOCATION: BAKER COUNTY
 SURVEY DATUM:
 HORIZONTAL - NAD83 (2011) EPOCH 2010 (INTERNATIONAL FEET)

GPS HORIZONTAL CONTROL SURVEY

PRIMARY HORIZONTAL CONTROL FOR THIS SURVEY WAS ESTABLISHED BY USING THE NGS OPUS PROGRAM TO ESTABLISH A POSITION ON POINT K307. A SUBSEQUENT RTK GPS SURVEY WAS PERFORMED TO ESTABLISH POSITIONS FOR POINTS 1000-1006 BY HOLDING THE OPUS POSITION OF POINT K307.

BEARINGS SHOWN ON THIS SURVEY ARE GRID BEARINGS BASED UPON THE OREGON STATE PLANE COORDINATE SYSTEM NAD83 (2011) EPOCH 2010.

A LOCAL DATUM PLANE (LDP) COORDINATE SYSTEM WAS USED FOR THIS SURVEY, WHERE ALL POINTS WERE MOVED FROM OREGON STATE PLANE - NORTH ZONE, NAD83 (2011) EPOCH 2010 TO GROUND USING A PROJECT COMBINED SCALE FACTOR OF 0.99974685. TO CONVERT THE PROJECT LDP COORDINATES TO OREGON STATE PLANE COORDINATE SYSTEM - NORTH ZONE, NAD83 (2011) EPOCH 2010, MULTIPLY THE THE VALUES BY A COMBINED FACTOR OF 0.99974685.

SET MONUMENT LIST

PT. NO.	LDP NORTHING	LDP EASTING	STATION	OFFSET	DATE	DESCRIPTION & REFERENCE DOCUMENTS
5000	447782.64	8916033.75	"A" 376+06.99	40.00' RT	12/08/2014	SET 5/8"x30" IRON ROD W/ALUMINUM CAP MARKED "ODOT"
5001	447818.79	8916206.07	"A" 377+75.32	40.00' RT	12/10/2014	SET 1" DIAMETER BRASS DISK IN ROCK MARKED "ODOT", DOWN 0.7'
5002	447827.04	8916432.54	N/A	N/A	12/09/2014	SET 5/8"x30" IRON ROD W/ALUMINUM CAP MARKED "ODOT NE1/16 S13 S29 2014 PLS63148", FLUSH
5003	447459.22	8916444.21	N/A	N/A	12/08/2014	SET 5/8"x30" IRON ROD W/ALUMINUM CAP MARKED "ODOT"
5004	447444.66	8916044.47	N/A	N/A	12/08/2014	SET 5/8"x30" IRON ROD W/ALUMINUM CAP MARKED "ODOT"
5005	446501.43	8916474.55	N/A	N/A	12/08/2014	SET 5/8"x30" IRON ROD W/ALUMINUM CAP MARKED "ODOT"
5006	446548.78	8917812.54	N/A	N/A	12/08/2014	SET 5/8"x30" IRON ROD W/ALUMINUM CAP MARKED "ODOT"
5007	447659.86	8917778.03	A 395+67.83	40.00' RT	12/08/2014	SET 5/8"x30" IRON ROD W/ALUMINUM CAP MARKED "ODOT"
5008	447853.62	8917162.21	A 389+26.87	40.00' RT	12/10/2014	SET 1" DIAMETER BRASS DISK IN ROCK MARKED "ODOT", DOWN 0.5'
5050	445038.09	8912506.08	N/A	N/A	N/A	CALCULATED POINT - NOTHING FOUND OR SET

RECOVERED MONUMENT LIST

PT. NO.	LDP NORTHING	LDP EASTING	DATE	DESCRIPTION & REFERENCE DOCUMENTS
1000	447875.81	8917771.32	10/06/14	FOUND 2-1/2" BRASS CAP ON 2" O.D. IRON PIPE, BENT, SPUN FOR POSITION, UP 7", SEE SHEET 2 FOR MARKINGS, SURVEY NO. 8-40-0004
1001	447680.72	8912416.20	10/06/14	FOUND 2" BRASS DISK MARKED AS SHOWN ON SHEET 2, FLUSH WITH ASPHALT, SURVEY NO. 8-40-0011
1002	446565.72	8917808.85	10/06/14	FOUND 1/2" IRON ROD, UP 8", UNKNOWN ORIGIN
1003	446525.31	8916543.21	10/06/14	FOUND 1/2" IRON ROD, UP 6" UNKNOWN ORIGIN
1004	445034.02	8912476.24	10/06/14	FOUND 5/8" IRON ROD, BENT, SPUN FOR POSITION, UP 21", UNKNOWN ORIGIN, FOUND IN SURVEY NO. 8-40-0008
1005	442395.32	8912593.71	10/07/14	FOUND 5/8" IRON ROD WITH YELLOW PLASTIC CAP, ILLEGIBLE, DOWN 5", UNKNOWN ORIGIN, FOUND IN SURVEY NO. 8-40-0001
1006	442567.70	8917936.19	10/07/14	FOUND 48"x72" MOUND OF STONES WITH A WOODEN STAKE, GENERAL LAND OFFICE FIELD NOTES
K307	447811.72	8916434.67	10/06/14	FOUND 3" BRASS DISK MARKED "U.S. COAST AND GEODETIC SURVEY, STATION NO. 3385, K307 FEET 1934", SET IN 12"x12" CONCRETE POST

O.D. = OUTSIDE DIAMETER

SHEET INDEX

1. SHEET LAYOUT & BASIS OF BEARINGS, SHEET INDEX, CONTROL NARRATIVE, SURVEY NARRATIVE, REFERENCES AND LEGEND
- 2.-4. SURVEY

NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO DETERMINE AND MONUMENT THE BOUNDARY OF THOSE TRACTS OF LAND DESCRIBED IN THOSE DEEDS TO THE STATE OF OREGON RECORDED IN VOLUME 148, PAGE 253, VOLUME 167, PAGE 522, AND VOLUME 151, PAGE 163, BAKER COUNTY DEED RECORDS.

PORTIONS OF SAID TRACTS ADJOIN THE SOUTHERLY RIGHT OF WAY OF STATE HIGHWAY NO. 203, THEREFORE, TO RESOLVE THE LOCATION OF STATE HIGHWAY NO. 203, THE RECORD SHAPE OF THE CENTER LINE ALIGNMENT AS SHOWN ON ODOT DRAWING NO. 6B-19-13 WAS RECREATED AND POSITIONED BY HOLDING RECORD CENTER LINE STATION OF 339+90 AT THE MONUMENT FOUND AT THE NORTHWEST CORNER OF SECTION 24, T8S, R40E, WM, AND ROTATING THE ALIGNMENT TO HOLD THE RECORD ANGLE OF 0°04'50" PER ODOT DRAWING 6B-19-13 BETWEEN SAID CENTER LINE ALIGNMENT (BETWEEN STATIONS 339+90 AND 374+16.39) AND THE NORTH LINE OF SECTION 24. THE RESULTING POSITION FIT WELL WITH THE RECORD DISTANCE OF 3.8 SHOWN ON ODOT DRG. NO. 6B-19-13 BETWEEN THE CALCULATED POSITION FOR THE NORTH QUARTER CORNER OF SECTION 24 AND THE RESOLVED CENTER LINE ALIGNMENT FOR STATE HIGHWAY NO. 203. THE RIGHT OF WAY WIDTHS FOR STATE HIGHWAY NO. 203 WERE HELD AS SHOWN ON ODOT DRAWING NO. 6B-19-13 AND DESCRIBED IN ODOT RIGHT OF WAY FILES 13834, 13835, 13836, AND 13837.

ONCE THE HIGHWAY WAS POSITIONED, THE RECORD SHAPE OF THE TRACT DESCRIBED IN VOLUME 148, PAGE 253 WAS RECREATED AND POSITIONED BY HOLDING THE CENTER LINE STATION 389+57.97 P.S. AND ROTATING THE RECORD SHAPE TO THE CENTER LINE STATION 391+97.97 P.S.C. THE EAST LINE OF SAID TRACT FOLLOWS THE EAST LINE OF SAID SECTION 24 AND WAS ESTABLISHED BY TYING THE NORTHEAST AND THE SOUTHEAST CORNERS OF SECTION 24.

IN ADDITION TO TYING THE NORTHEAST AND NORTHWEST CORNERS, THE SOUTHEAST AND SOUTHWEST CORNERS OF SECTION 24 WERE ALSO TIED TO SUBDIVIDE SECTION 24. THE WEST QUARTER CORNER OF SECTION 24 WAS NOT FOUND, HOWEVER, THE LOCATION OF SAID QUARTER CORNER WAS ABLE TO BE CALCULATED USING SURVEY NO. 8-40-11, BAKER COUNTY SURVEY RECORDS. THE CALCULATED POSITION OF THE NORTHEAST CORNER OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 24 WAS HELD TO POSITION THE RECORD SHAPE OF THE TRACT DESCRIBED IN VOLUME 151, PAGE 163, AND SAID RECORD SHAPE WAS ROTATED TO THE NORTH LINE OF SAID SECTION 24.

THE BOUNDARY DESCRIBED IN VOLUME 167, PAGE 522 WAS ESTABLISHED BY SUBDIVIDING SAID SECTION 24 TO RESOLVE THE LOCATION OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 24.

REGISTERED PROFESSIONAL LAND SURVEYOR

Bret N. Elithorp

OREGON
 JAN. 14, 2003
 BRET N. ELITHORP
 63148

FILED Jan 14, 2015
 BAKER COUNTY SURVEYOR
 SURVEY NO. 8-40-22

RENEWAL: DEC. 31, 2015
 SIGNED: 1/13/15

OREGON DEPARTMENT OF TRANSPORTATION
 BOUNDARY SURVEY
 BALDOCK SLOUGH EAST QUARRY AND STOCK PILE SITES
 MEDICAL SPRINGS HIGHWAY NO. 203
 BAKER COUNTY, OREGON



FOR ODOT REGION 5
 3012 ISLAND AVENUE
 LA GRANDE, OR 97850

JANUARY 13, 2015
 NO SCALE
 SHEET 1 OF 4