RECORD OF SURVEY LOCATED IN THE NORTHWEST, SOUTHWEST AND SOUTHEAST ONE-QUARTERS OF SECTION 03 TOWNSHIP 37 SOUTH, RANGE 2 WEST, OF THE WILLAMETTE MERIDIAN IN THE CITY OF CENTRAL POINT, JACKSON COUNTY, OREGON THE CITY OF CENTRAL POINT FILED orion Date 10/24/16 By PB GEOMATICS This Survey Consists Of: Because the world is a spatial place " ____sheet(s) Map 1724 23rd Avenue | Forest Grove OR 97116 page(s) Narrative T: 503.359.1688 | www.oriongeomatics.com JACKSON COUNTY **SEPTEMBER 8. 2016** SURVEYOR SHEET 1 OF 3 PROJECT 2016-004 R=954.93' (6° C.L.) SPIRAL L: 400.00' Δ=4°54'40" THETA: 12°00'00" CHORD=S49°53'26"E, 81.83' NORTH: 229986.85 [229986.59 S9] EAST: 274402.65 [274402.71 S9] ELEVATION: 1254.42 [1254.39 S9] DESC: CONTROL FOUND MAG NAIL W/WASHER STAMPED "OBEC CONTROL" STA: 554+27.69 19.54R NORTH: 229191.44 [229191.17 S9] EAST: 275153.23 [275153.29 S9] ELEVATION: 1265.82 [1265.78 S9] DESC: CONTROL FOUND 1"COPPER PLUG STAMPED "OBEC" REFERENCES: S1 - ODOT RIGHT-OF-WAY DRAWING 7B-22-17 S2 - CS 05178 **S3 - CS 13716 (PARTITION PLAT P-95-1993) S4 - CS 19444 (PARTITION PLAT P-116-2006)** S5 - CS 19470 (TWIN CREEKS CROSSING PHASE 1) S6 - CS 19667 (TWIN CREEKS CROSSING PHASE 2) S7 - CS 20163 S8 - CS 20332 S9 - CS 21015 INDEX: SHEET 1: SHEET LAYOUT, INDEX, NARRATIVE, REFERENCE AND LEGEND SHEET 2: SURVEY AND LEGEND **SHEET 3: SURVEY AND LEGEND** REGISTERED

LEGEND:

CENTERLINE OF ROAD RIGHT-OF-WAY LINE — PROPERTY LINE

1 INCH =150 FT

BENCH MARK

- △ FOUND CONTROL AS NOTED
- ▲ SET CONTROL AS NOTED
- O FOUND MONUMENT AS NOTED A/C ASPHALTIC CONCRETE
- YPC YELLOW PLASTIC CAP
- ALC ALUMINIUM CAP
- IR IRON ROD IP IRON PIPE
- BRS BRASS
- SFNF SEARCHED FOR NOT FOUND

NARRATIVE:

THE PURPOSE OF THIS SURVEY IS TO ESTABLISH CONTROL, RECOVER MONUMENTATION, AND RETRACE THE RIGHT-OF-WAY ALONG HIGH WAY 99 AND TWIN CREEKS CROSSING AS PART OF A PROPOSED INTERSECTION OF THE TWO (2) ROADS. A SEARCH WAS PERFORMED FOR ALL MONUMENTS OF RECORD WITHIN THESE PROJECT AREAS. IN ADDITION, MONUMENTATION REQUIRED FOR RETRACEMENT OF THE RIGHT-OF-WAY WAS RECOVERED AND LOCATED. FIELD WORK WAS PERFORMED BY JOHN PUTNAM, PLS OF ORION GEOMATICS BETWEEN MAY 25 AND JUNE 27, 2016.

NORTH: 230922.02 EAST: 273820.60 **ELEVATION: 1249.67**

BOULDER RIDGE STREET

DESC: CONTROL SET 1"COPPER PLUG STAMPED "ORION CONTROL"

US HIGHWAY 99

S35°26'06"E

DESC: CONTROL FOUND 3"BRASS CAP W/ PUNCH

CENTRAL OREGON AND PACIFIC RAILROAD

THE HORIZONTAL COORDINATES ARE IN INTERNATIONAL FEET IN THE OREGON COORDINATE REFERENCE SYSTEM (OCRS) GRANT PASS TO ASHLAND ZONE BASED ON THE NORTH AMERICAN DATUM (NAD) OF 1983[2011 EPOCH 2010]. ALL DISTANCES SHOWN HEREON ARE GRID DISTANCES IN INTERNATIONAL FEET.

REAL-TIME KINEMATIC GNSS OBSERVATIONS WERE MADE ON MAY 25TH AND 26TH, 2011 USING A LEICA GX1230/AX1202GG GNSS GEODETIC RECEIVER. STATIONS 5 AND 6, THE TWO (2) PRIMARY GNSS CONTROL STATIONS ALONG WITH MONUMENTS 4, 400 & 401 WERE TIED TO THE OREGON REAL TIME GNSS NETWORK (ORGN) CONTINUOUSLY OPERATING REFERENCE STATION (CORS) 'CTPT'. EACH STATION WAS OCCUPIED TWO (2) TIMES WITH A MINIMUM SIDEREAL TIME DISPLACEMENT OF TWO HOURS BETWEEN OCCUPATIONS. THE RESULTING DATA WAS ADJUSTED WITH LEICA GEO OFFICE VERSION 8.3 GEODETIC PROCESSING SOFTWARE. THE RESULTING FULLY CONSTRAINED NETWORK OF THE PRIMARY CONTROL STATIONS RESULTED IN MEAN HORIZONTAL ERROR OF 0.018 FEET WITH A MAXIMUM OF 0.021 FEET AT A 95% CONFIDENCE LEVEL.

CONVENTIONAL TERRESTRIAL OBSERVATIONS WERE MADE ON MAY 25TH AND 26TH. 2016 BETWEEN STATIONS 5, 6 AND 100 UTILIZING A LEICA MS50 1" ROBOTIC TOTAL STATION. A MINIMUM OF FIVE SETS OF ANGLES AND DISTANCES WERE TURNED BETWEEN INTERVISIBLE CONTROL STATIONS TO CREATE STRONG NETWORK GEOMETRY. THE RESULTING FIELD DATA WAS PROCESSED AND ADJUSTED USING

LISCAD 9.0 SOFTWARE SUITE. HOLDING PRIMARY GNSS CONTROL STATIONS THE RESULTING FULLY CONSTRAINED NETWORK RESULTED IN MAXIMUM HORIZONTAL ERROR OF 0.007 FEET AT A 95% CONFIDENCE LEVEL.

CROSSING

CREEKS

N

STA: 100

NORTH: 230123.79 EAST: 273979.91 **ELEVATION: 1254.21**

STA: 550+71.02 284.57R

FORMERLY THE SOUTHERN PACIFIC RAILROAD, WAS ESTABLISHED PARALLEL TO THE CENTERLINE OF BOULDER RIDGE STREET PER THE PLATS OF TWIN CREEKS CROSSING PHASES 1 & 2. THE CENTERLINE OF BOULDER RIDGE STREET WAS ESTABLISHED BY HOLDING CENTERLINE MONUMENTS '400', '401' AND '402'.

THE CENTERLINE AND RIGHT-OF-WAY MONUMENTS OF TWIN CREEKS CROSSING NORTHEASTERLY OF BOULDER RIDGE STREET APPEAR TO HAVE BEEN DESTROYED DURING CONSTRUCTION OF A BRIDGE OVER THE DRAINAGE CANAL ADJACENT TO THE CORP'S RIGHT-OF-WAY. THE CENTERLINE OF TWIN CREEKS CROSSING WAS ESTABLISHED BY HOLDING CENTERLINE MONUMENTS '402' AND '403' PROJECTED NORTHEASTERLY TO THE SOUTHWESTERN RIGHT-OF-WAY LINE OF THE CORP'S RIGHT-OF-WAY.

THE CENTERLINE OF HIGHWAY 99 WAS ESTABLISHED 60.00 FEET NORTHEASTERLY OF THE CENTERLINE OF THE CORP'S RIGHT-OF-WAY CENTERLINE PER ODOT RIGHT-OF-WAY DRAWING NO. 7B-22-17. STATIONING WAS DETERMINED BY HOLDING FOUND RIGHT-OF-WAY MONUMENT '502' AT STATION 553+00 PER DRAWING NO. 7B-22-17. THE NORTHEASTERN RIGHT-OF-WAY LINE WAS ESTABLISHED BY HOLDING RECORD STATION AND OFFSET PER DRAWING NO. 7B-22-17.

SIDELINES OF ADJACENT PROPERTIES ARE BASED SOLELY ON RECORD DOCUMENTS AND WERE NOT RESOLVED AS PART OF THIS SURVEY.

NO PROPERTY MONUMENTATION WAS SET AS PART OF THIS SURVEY. ALL FALLINGS DEPICTED HEREON ARE FROM THE CALCULATED POSITION.



ASSESSOR'S MAPS NUMBER: 37 2W 03B, 03BD, 03CA AND 03DB



