

THE PURPOSE OF THIS SURVEY IS TO RESOLVE AND MONUMENT THE BOUNDARY OF THE ODOT-OWNED MATERIAL SOURCE LOCATED IN THE SE 1/4 OF SECTION 5 AND THE NE 1/4 OF SECTION 8, TOWNSHIP 16 SOUTH, RANGE 31 EAST, WILLAMETTE MERIDIAN, GRANT COUNTY, OREGON.

TWO PRIOR SURVEYS WERE RECORDED IN THIS AREA. CS 1123 AND CS 1124, BOTH RECORDED IN 1990 AND PERFORMED BY DAVID B. ARMSTRONG. IN CS 1123, ARMSTRONG SET THE CENTER 1/4 CORNER OF SECTION 5 AND THE 1/4 CORNER COMMON TO SECTIONS 5 AND 8. IN HIS NARRATIVE HE STATES THAT, IN THE AREA OF THE 1/4 CORNER COMMON TO SECTIONS 5 AND 8, "A NORTH-SOUTH FENCE WAS PRESENT BUT NO CORNER WAS PRESENT AND THE FENCE WAS NOT HARMONIOUS WITH THE OTHER CORNERS OF THE ORIGINAL SURVEY". I AGREED WITH ARMSTRONG'S OBSERVATION (SEE FENCE AND RELATION PER THIS SHEET), AND HELD THE 1/4 CORNER AS WELL AS THE CENTER 1/4 OF SECTION 5.

THIS TOWNSHIP WAS ORIGINALLY SURVEYED IN 1880 BY S.W. LACKLAND UNDER JOINT CONTRACT #357. LACKLAND SET WOOD POSTS FOR MONUMENTS WITH NO ACCESSORIES BEING NOTED. CORNERS SEARCHED FOR INCLUDED THE FOLLOWING: THE S1/4, E1/4 AND SE CORNER OF SECTION 8; THE S1/4 OF SECTION 9; THE E1/4 AND SE CORNER OF SECTION 17; AND THE E1/4 OF SECTION 21. NONE OF THESE CORNERS WERE FOUND (NOR BY US OR ARMSTRONG PER SAID SURVEY) AND THE POSTS HAVE LONG-SINCE DETERIORATED AND ARE THEREFORE LOST.

THE SE CORNER OF SECTION 5 AND THE SE CORNER OF SECTION 20 WERE FOUND PER CS 1123 AND HELD. THE SE CORNER OF SECTION 9 WAS FOUND PER CS 1124 AND HELD. ALSO FOUND AND HELD WAS THE SW CORNER OF SECTION 8 PER CORNER RESTORATION RECORD #3-5. USING THESE FOUND MONUMENTS THE SE CORNER OF SECTION 8 WAS ESTABLISHED BY USING DOUBLE-PROPORTIONATE MEASUREMENT. THE SOUTH 1/4 OF SECTION 8 WAS THEN ESTABLISHED BY SINGLE-PROPORTIONATE MEASUREMENT. BOTH CORNERS WERE ESTABLISHED IN ACCORDANCE WITH THE MANUAL OF SURVEY INSTRUCTIONS 2009.

THE EXISTING HIGHWAY RIGHT-OF-WAY WAS ESTABLISHED AS FOLLOWS: FOUND MONUMENTATION AND RECORD DATA WAS USED FROM ODOT MAP 6B-2-9. THE SOUTHERLY TANGENT WAS ESTABLISHED BY HOLDING MONUMENT 1006 AT 50.00' RIGHT OF CENTER LINE, TOGETHER WITH THE SPLIT OF MONUMENTS 1007 AND 1008. THE NORTHERLY TANGENT WAS ESTABLISHED BY HOLDING THE SPLIT OF MONUMENTS 1009 AND 1010 TOGETHER WITH THE SPLIT OF MONUMENTS 1012 AND 1013. THESE TANGENTS WERE THEN EXTENDED TO FORM THE POINT OF INTERSECTION OF THE CURVE. A BEST-FIT CURVE WAS THEN ESTABLISHED BY UTILIZING THE RECORD DATA. STATIONING WAS ESTABLISHED BY HOLDING MONUMENT 1006 AT STATION 2653+00.00 P.O.T..

NARRATIVE FOR THE RESOLUTION OF THE MATERIAL SOURCE IS SHOWN ON SHEET 2.

US 395 (JOHN DAY-BURNS HIGHWAY)

1012 - HELD  
Found Bent 1 1/4" Iron Pipe  
(07/24/2012)  
N. 204,674.34  
E. 8,590,017.03  
ODOT MAP 6B-2-9

1010 - HELD  
Found 1 1/4" Iron Pipe  
(07/23/2012)  
N. 202,487.96  
E. 8,590,572.33  
ODOT MAP 6B-2-9 10

$1^{\circ} \text{ C.R.}$   
 $R = 5729.58'$   
 $\Delta = 15^{\circ} 47' 50''$  (A)  
 $T = 778.49'$

$0^{\circ} 59' 37'' \text{ C.R.}$   
 $R = 5767.00'$   
 $\Delta = 15^{\circ} 22' 35''$   
 $T = 778.52'$

SE<sup>1</sup>/<sub>4</sub> SEC. 5

1008 - HELD  
Found 1 1/4"  
(07/23/2012)  
N. 201,068.48  
E. 8,591,143.00  
ODOT MAP 6B

1007 - HELD  
Found 1 1/4" Iron Pipe  
(07/23/2012)  
N. 201,019.08  
E. 8,591,055.81  
ODOT MAP 6B-2-9

1014  
Found 5/8" Iron Rod With  
Yellow Plastic Cap Marked  
"B.G.A. SURVEY MARKER"  
(07/24/2012)  
N. 199,652.75  
E. 8,591,831.59  
CS 791

1000 - HELD  
Found 2 1/2" Aluminum Cap Marked  
"T16S R31E 1/4 S5 S8 LS1026 1989"  
And Both Bearing Trees Per CRR.  
(07/23/2012)  
N. 200,445.90  
E. 8,590,021.33  
CRR E-7  
CS 1123

N01°14'03"W 5311.84

NW<sup>1</sup>/<sub>4</sub> SEC. 8

1015 - HELD  
Found 2 1/2" Brass Cap Marked  
"GRANT COUNTY SURVEYOR  
T16S R31E 1/4 S7 S8 S17 S18  
1983 OPLS 598" And All Four  
Bearing Objects Per CRR.  
(07/25/2012)  
N. 195,089.90  
E. 8,587,487.60  
CRR J-5  
SEE CS 1124

SW<sup>1/4</sup> SEC. 8

RECEIVED AND FILED  
GRANT COUNTY SURVEYOR

OCT 24 2012

BY:

SCALE 1" = 400'

REGISTERED  
PROFESSIONAL  
LAND SURVEYOR

Trinectes labrus Hutchinson

OREGON  
NOVEMBER 10, 2010  
TIMOTHY JOHN HUTCHISON  
72563

EXPIRES 6/30/13

LEGEND

- O FOUND MONUMENT AS NOTED.
- SET MONUMENT AS NOTED
- (A) RECORD INFORMATION PER O.D.O.T. DRAWING 6B-2-9
- (B) RECORD GLO INFORMATION, LACKLAND, 1880
- (C) RECORD INFORMATION PER CS 1123
- (D) RECORD INFORMATION PER CS 1124
- #### GRANT COUNTY SURVEYOR'S PLAT NUMBER.
- RR ### CORNER RESTORATION RECORD NUMBER
- ..... PROTRACTED LINE -NOT SURVEYED-

STATE OF OREGON

DEPARTMENT OF TRANSPORTATION

REGION 4 RESOURCE CENTER, SURVEY/RIGHT OF WAY UNIT

63085 N. HWY. 97, SUITE 102

BEND, OREGON. 97701

### MAP OF SURVEY

STA. 2708+32.28 P.O.T. TO 2653+00.00 P.O.T. OF THE JOHN DAY-BURNS HIGHWAY

(US HIGHWAY 395).

IN THE SE ¼ OF SECTION 5 AND THE NE ¼ OF SECTION 8, T. 16 S., R. 31 E., W.M.

GRANT COUNTY, OREGON.

### WINDY PIT ROCK QUARRY

**BEARINGS : GRID**  
**SCALE : 1" = 400'**

OCTOBER 2012

**SHEET 1 OF 2**

RECORD MAP OF SURVEY NO. 1963