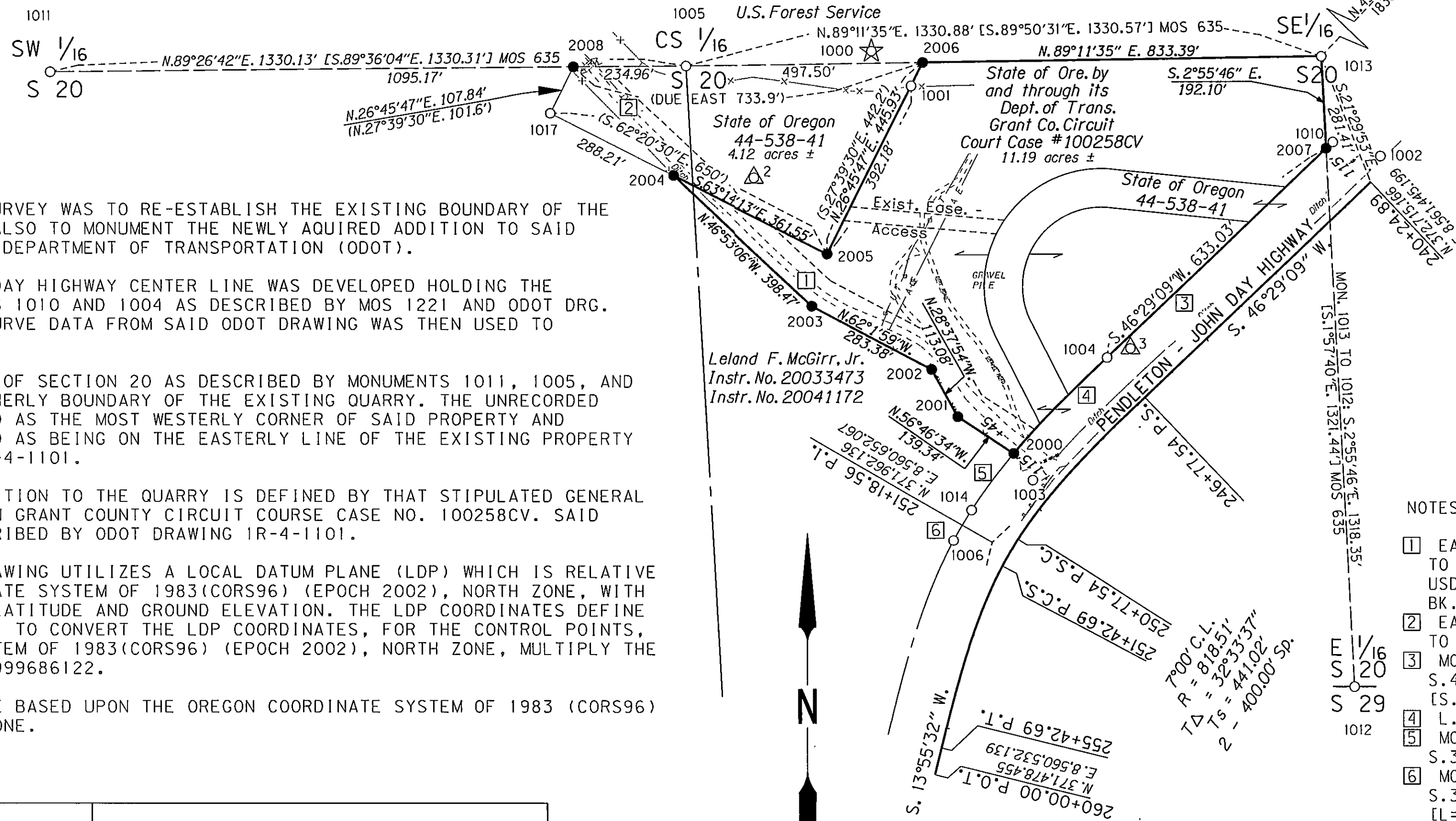


SITUATED IN THE SW<sup>1</sup>/<sub>4</sub> AND THE SE<sup>1</sup>/<sub>4</sub> OF SEC. 20, T. 10 S., R. 30 E., WM.

<sup>1</sup>/<sub>4</sub> COR. S20 | S21



| LEGEND |                                     |
|--------|-------------------------------------|
| ( )    | RECORD DATA PER ODOT DRG. 1R-2-1148 |
| [ ]    | RECORD DATA AS NOTED                |
| ○      | FOUND MONUMENT NOTED IN TABLE       |
| ☆      | GPS STATION                         |
| △      | FD. NETWORK POINT                   |
| ●      | SET MONUMENT AS DESCRIBED IN TABLE  |
| ---    | EDGE OF PAVEMENT                    |
| ---    | NEW RW AQUISITION                   |
| ---    | PROPERTY LINE                       |
| ---    | ACCESS EASE. TO USDA FOREST SERVICE |
| -X-    | FENCE                               |

#### SURVEY NARRATIVE

THE PURPOSE OF THIS SURVEY WAS TO RE-ESTABLISH THE EXISTING BOUNDARY OF THE BOOT HILL QUARRY AND ALSO TO MONUMENT THE NEWLY AQUIRED ADDITION TO SAID QUARRY FOR THE OREGON DEPARTMENT OF TRANSPORTATION (ODOT).

THE PENDLETON - JOHN DAY HIGHWAY CENTER LINE WAS DEVELOPED HOLDING THE POSITIONS OF MONUMENTS 1010 AND 1004 AS DESCRIBED BY MOS 1221 AND ODOT DRG. 10B-1-2. THE RECORD CURVE DATA FROM SAID ODOT DRAWING WAS THEN USED TO DEFINE THE CURVES.

THE SOUTH <sup>1</sup>/<sub>16</sub>TH LINE OF SECTION 20 AS DESCRIBED BY MONUMENTS 1011, 1005, AND 1013 DEFINES THE NORTHERLY BOUNDARY OF THE EXISTING QUARRY. THE UNRECORDED MONUMENT 1017 WAS HELD AS THE MOST WESTERLY CORNER OF SAID PROPERTY AND MONUMENT 1001 WAS HELD AS BEING ON THE EASTERLY LINE OF THE EXISTING PROPERTY AS IN ODOT DRAWING 1R-4-1101.

THE NEWLY AQUIRED ADDITION TO THE QUARRY IS DEFINED BY THAT STIPULATED GENERAL JUDGEMENT DESCRIBED IN GRANT COUNTY CIRCUIT COURSE CASE NO. 100258CV. SAID ADDITION IS ALSO DESCRIBED BY ODOT DRAWING 1R-4-1101.

COORDINATES: THIS DRAWING UTILIZES A LOCAL DATUM PLANE (LDP) WHICH IS RELATIVE TO THE OREGON COORDINATE SYSTEM OF 1983(CORS96) (EPOCH 2002), NORTH ZONE, WITH RESPECT TO THE LOCAL LATITUDE AND GROUND ELEVATION. THE LDP COORDINATES DEFINE TRUE GROUND DISTANCES. TO CONVERT THE LDP COORDINATES, FOR THE CONTROL POINTS, OREGON COORDINATE SYSTEM OF 1983(CORS96) (EPOCH 2002), NORTH ZONE, MULTIPLY THE LDP COORDINATES BY 0.999686122.

BEARINGS: BEARINGS ARE BASED UPON THE OREGON COORDINATE SYSTEM OF 1983 (CORS96) (EPOCH 2002), NORTH ZONE.

#### SET MONUMENT LIST

| PT. NO. | LDP NORTHING | LDP EASTING  | DATE      | DESCRIPTION                                                                                         |
|---------|--------------|--------------|-----------|-----------------------------------------------------------------------------------------------------|
| 2000    | 372,149.07   | 8,560,697.06 | 7/16/2012 | SET <sup>5</sup> / <sub>8</sub> " X30" IRON ROD W/1 <sup>1</sup> / <sub>4</sub> " ODOT ALUMINUM CAP |
| 2001    | 372,225.41   | 8,560,580.50 | 7/17/2012 | SET <sup>5</sup> / <sub>8</sub> " X30" IRON ROD W/1 <sup>1</sup> / <sub>4</sub> " ODOT ALUMINUM CAP |
| 2002    | 372,324.67   | 8,560,526.31 | 7/17/2012 | SET <sup>5</sup> / <sub>8</sub> " X30" IRON ROD W/1 <sup>1</sup> / <sub>4</sub> " ODOT ALUMINUM CAP |
| 2003    | 372,457.56   | 8,560,276.02 | 7/16/2012 | SET <sup>5</sup> / <sub>8</sub> " X30" IRON ROD W/1 <sup>1</sup> / <sub>4</sub> " ODOT ALUMINUM CAP |
| 2004    | 372,729.90   | 8,559,985.14 | 7/16/2012 | SET <sup>5</sup> / <sub>8</sub> " X30" IRON ROD W/1 <sup>1</sup> / <sub>4</sub> " ODOT ALUMINUM CAP |
| 2005    | 372,567.10   | 8,560,307.96 | 7/17/2012 | SET <sup>5</sup> / <sub>8</sub> " X30" IRON ROD W/1 <sup>1</sup> / <sub>4</sub> " ODOT ALUMINUM CAP |
| 2006    | 372,965.26   | 8,560,508.76 | 7/17/2012 | SET <sup>5</sup> / <sub>8</sub> " X30" IRON ROD W/1 <sup>1</sup> / <sub>4</sub> " ODOT ALUMINUM CAP |
| 2007    | 372,785.15   | 8,561,351.89 | 7/17/2012 | SET <sup>5</sup> / <sub>8</sub> " X30" IRON ROD W/1 <sup>1</sup> / <sub>4</sub> " ODOT ALUMINUM CAP |
| 2008    | 372,955.98   | 8,559,776.37 | 7/16/2012 | SET <sup>5</sup> / <sub>8</sub> " X30" IRON ROD W/1 <sup>1</sup> / <sub>4</sub> " ODOT ALUMINUM CAP |

#### RECOVERED MONUMENT LIST

| PT. NO. | LDP NORTHING | LDP EASTING  | DATE       | DESCRIPTION & REFERENCE DOCUMENTS                                                                                                          |
|---------|--------------|--------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | 372,684.03   | 8,560,704.52 | 7/16/2012  | FD. <sup>1</sup> / <sub>2</sub> " IRON ROD W/APA CAP                                                                                       |
| 2       | 372,725.73   | 8,560,155.75 | 7/16/2012  | FD. <sup>1</sup> / <sub>2</sub> " IRON ROD W/APA CAP                                                                                       |
| 3       | 372,368.34   | 8,560,941.75 | 7/16/2012  | FD. <sup>1</sup> / <sub>2</sub> " IRON ROD W/APA CAP                                                                                       |
| 1000    | 372,989.35   | 8,560,402.01 | 10/21/2008 | FD. 3" BR. CAP GROUTED IN ROCK MKD.: "OVER 1987 NGS", C.S. 1221                                                                            |
| 1001    | 372,917.27   | 8,560,484.56 | 10/21/2008 | FD. IRON ROD                                                                                                                               |
| 1002    | 372,769.43   | 8,561,465.59 | 10/22/2008 | FD. <sup>5</sup> / <sub>8</sub> " IRON ROD W/ALUM. CAP MKD. "OTAK. INC.", C.S. 1221                                                        |
| 1003    | 372,093.21   | 8,560,736.90 | 10/21/2008 | FD. <sup>5</sup> / <sub>8</sub> " IRON ROD W/ALUM. MKD. "OTAK. INC.", C.S. 1221                                                            |
| 1004    | 372,349.28   | 8,560,892.81 | 10/21/2008 | FD. <sup>5</sup> / <sub>8</sub> " IRON ROD W/ALUM. MKD. "OTAK. INC.", C.S. 1221                                                            |
| 1005    | 372,958.25   | 8,560,011.32 | 10/22/2008 | FD. 3 <sup>1</sup> / <sub>4</sub> " ALUM. CAP ON 2 <sup>1</sup> / <sub>2</sub> " ALUM. PIPE MKD.: "CS <sup>1</sup> / <sub>16</sub> S20"    |
| 1006    | 371,966.13   | 8,560,571.51 | 10/21/2008 | FD. <sup>5</sup> / <sub>8</sub> " IRON ROD W/ALUM. MKD. "OTAK. INC."                                                                       |
| 1008    | 374,306.43   | 8,562,611.51 | 10/22/2008 | FD. 3 <sup>1</sup> / <sub>4</sub> " ALUM. CAP ON 2 <sup>1</sup> / <sub>2</sub> " ALUM. PIPE                                                |
| 1010    | 372,798.56   | 8,561,366.02 | 10/22/2008 | FD. <sup>5</sup> / <sub>8</sub> " IRON ROD W/ALUM. MKD. "OTAK. INC.", C.S. 1221                                                            |
| 1011    | 372,945.37   | 8,558,681.25 | 10/22/2008 | FD. 3 <sup>1</sup> / <sub>4</sub> " ALUM. CAP ON 2 <sup>1</sup> / <sub>2</sub> " ALUM. PIPE MKD.: "SW <sup>1</sup> / <sub>16</sub> S20"    |
| 1012    | 371,660.37   | 8,561,409.45 | 10/23/2008 | FD. 3 <sup>1</sup> / <sub>4</sub> " ALUM. CAP ON 2 <sup>1</sup> / <sub>2</sub> " ALUM. PIPE MKD.: "E <sup>1</sup> / <sub>16</sub> S20/S29" |
| 1013    | 372,977.00   | 8,561,342.07 | 10/23/2008 | FD. 3 <sup>1</sup> / <sub>4</sub> " ALUM. CAP ON 2 <sup>1</sup> / <sub>2</sub> " ALUM. PIPE MKD.: "SE <sup>1</sup> / <sub>16</sub> S20"    |
| 1014    | 372,030.30   | 8,560,608.97 | 10/23/2008 | FD. <sup>5</sup> / <sub>8</sub> " IRON ROD MKD. W/1.25" ALUM. CAP MKD.: "OTAK. INC.", C.S. 1221                                            |
| 1017    | 372,859.69   | 8,559,727.80 | 10/23/2008 | FD. <sup>3</sup> / <sub>4</sub> " IRON ROD                                                                                                 |

#### NOTES

- EASE. FOR ROAD RW GRANTED TO USA, BK. 81, PG. 378; USDA FOREST SERVICE, BK.84, PG.425
- EASE. FOR ROAD RW GRANTED TO USA, BK. 117, PG. 596
- MON. 1010 TO 1004 S.46°29'09"W. 652.54' [S.46°29'09"W. 652.65'] MOS 1221
- L.C. BEARS S.44°21'10"W. 279.87'
- MON. 2000 TO 1014, L.C. BEARS S.36°35'23"W. 147.81'
- MON. 1014 TO 1006, L.C. BEARS S.30°16'41"W. 74.30' [L=74.30'] MOS 1221

#### REFERENCES

BOOK 44, PAGE 538, GRANT COUNTY RECORD OF DEEDS  
BOOK 45, PAGE 285, GRANT COUNTY RECORD OF DEEDS  
BOOK 117, PAGE 71, GRANT COUNTY RECORD OF DEEDS  
BOOK 139, PAGE 571, GRANT COUNTY RECORD OF DEEDS  
GRANT COUNTY CIRCUIT COURT CASE NO. 100258CV  
INSTRUMENT NO. 901169, GRANT COUNTY DEED RECORDS  
INSTRUMENT NO. 912013, GRANT COUNTY DEED RECORDS  
GRANT COUNTY MAP OF SURVEY NO. 635  
GRANT COUNTY MAP OF SURVEY NO. 1221  
GRANT COUNTY CORNER MONUMENTATION RECORDS  
FOR IN T10S, R30E, P-9, Q-6, Q-7, Q-8, R-8.  
OREGON DEPARTMENT OF TRANSPORTATION DRAWING 1R-2-1148  
OREGON DEPARTMENT OF TRANSPORTATION DRAWING 1R-4-1101  
OREGON DEPARTMENT OF TRANSPORTATION DRAWING 10B-1-2

RECEIVED AND FILED  
GRANT COUNTY SURVEYOR

SEP 18 2012

BY: *[Signature]*

REGISTERED  
PROFESSIONAL  
LAND SURVEYOR

*Robert E. Butler*

OREGON  
JULY 25, 1995  
ROBERT E. BUTLER  
2733

EXPIRES: 12/31/2013

#### OREGON DEPARTMENT OF TRANSPORTATION

HORIZONTAL RECOVERY AND MONUMENTATION MAP  
REGION 5 MATERIAL SOURCE DEVELOPMENT



(BOOT HILL QUARRY)  
PENDLETON - JOHN DAY HIGHWAY  
GRANT COUNTY, OREGON

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

AUGUST 30, 2012  
SCALE: 1" = 200'  
SHEET 1 OF 1