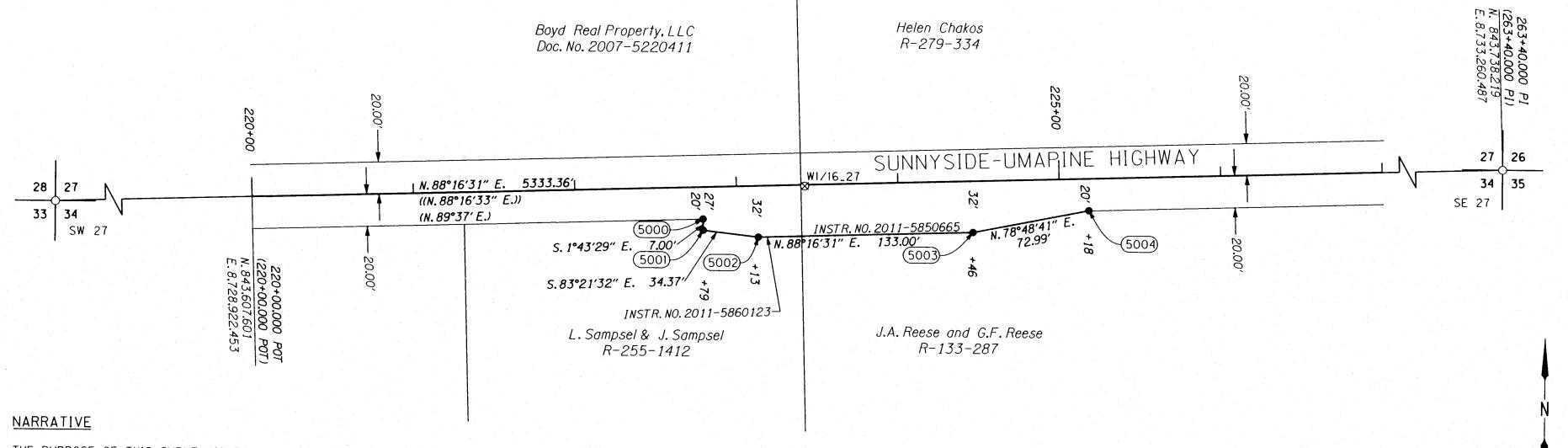
SW 1/4 SEC. 27, T. 6 N., R. 35 E., W.M. SE 1/4 SEC. 27, T. 6 N., R. 35 E., W.M. NW 1/4 SEC. 34, T. 6 N., R. 35 E., W.M. NE 1/4 SEC. 34, T. 6 N., R. 35 E., W.M.



THE PURPOSE OF THIS SURVEY IS TO RESOLVE THE EXISTING RIGHT OF WAY FOR SUNNYSIDE-UMAPINE HIGHWAY IN THE VICINITY OF THE HUDSON BAY CANAL AND MONUMENT THE RIGHT OF WAY ACQUIRED IN FEE BY THE OREGON DEPARTMENT OF TRANSPORTATION FOR THE HUDSON BAY CANAL BRIDGE #04767 REPLACEMENT PROJECT.

THIS SURVEY WAS PERFORMED IN INTERNATIONAL FEET UNITS.

THE MONUMENTS ESTABLISHED IN THIS SURVEY WERE SET ON MAY 14, 2015.

EQUIPMENT USED CONSISTED OF A LEICA GS14 ROVER AND A LEICA GPS1200 BASE STATION WITH LEICA VIVA DATA COLLECTORS.

ADDITIONAL RIGHT OF WAY WAS ACQUIRED PER THE FOLLOWING DOCUMENTS RECORDED IN THE DEED RECORDS OF UMATILLA COUNTY: 2011-5850665, 2011-5860123

SUNNYSIDE-UMAPINE HIGHWAY (OLD COUNTY ROAD NO. 456)

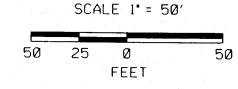
THIS PORTION OF SUNNYSIDE-UMAPINE HIGHWAY WAS ORIGINALLY ESTABLISHED IN JULY OF 1895 AS COUNTY ROAD NO. 456, WHICH DESCRIBES THE CENTER OF SAID COUNTY ROAD FOLLOWING THE SECTION LINE BETWEEN SECTIONS 27 AND 34, T6N, R35E, W.M.

THE SOUTHWEST CORNER OF SECTION 27 AND THE SOUTHEAST CORNER OF SECTION 27 WERE TIED AND HELD TO ESTABLISH THE CENTERLINE FOR SUNNYSIDE-UMAPINE HIGHWAY AS SHOWN ON ODOT DRAWING 6B-26-5. RECORD STATION OF 263+40.00 P.I. WAS HELD AT SAID SOUTHEAST CORNER OF SECTION 27. THE RIGHT OF WAY WIDTH WAS ESTABLISHED PER THE COUNTY ROAD ESTABLISHMENT DOCUMENTS FOR OLD COUNTY ROAD NO. 456. WHICH STATE A WIDTH OF 40.00 FEET.

LEGEND SET R/W MONUMENT AS NOTED IN TABLE O FOUND MONUMENT AS NOTED IN TABLE MONUMENT DESTROYED DURING CONSTRUCTION, NOT REPLACED () RECORD DATA PER ODOT DRG. 6B-26-5 (()) SURVEY NO. 03-023-C SN SURVEY NUMBER

REFERENCES

- 1. COUNTY ROAD ESTABLISHMENT DOCUMENTS FOR COUNTY ROAD NO. 456, JULY 1895
- 2. ODOT DRG. NO 6B-26-5, LOCATED LINE, UMAPINE TO SUNNYSIDE, NOV. 1947
- 3. SURVEY NO. 12-048-AX BY ODOT DATED MAR. 1994
- 4. SURVEY NO. 91-081-B, BY PAUL W.P. TOMKINS, FILED OCT. 1991
- 5. SURVEY NO. 02-018-B BY DAVID L. HADDOCK, FILED FEB. 2002
- 6. SURVEY NO. 03-023-C, BY PAUL W.P. TOMKINS, FILED FEB. 2003



CONTROL NARRATIVE

THE BASIS OF BEARING FOR THIS SURVEY WAS BY ESTABLISHED BY HOLDING THE OPUS DERIVED POSITION FOR THE SOUTHWEST CORNER OF SECTION 27 AND OBTAINING A GPS POSITION FOR THE SOUTHEAST CORNER OF SECTION 27, T6N, R35E, WM. THIS RESULTED IN A GRID BEARING OF N 88°16′31″ E ON THE SOUTH LINE OF SAID SECTION 27. THE MAPPING/CONVERGENCE ANGLE IS 1°27′55″.

THIS SURVEY UTILIZES A LOCAL DATUM PLANE (LDP) WHICH IS RELATIVE TO THE OREGON COORDINATE SYSTEM (OCS), NAD 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, TO THE OREGON COORDINATE SYSTEM, NAD 1983 (CORS96), (EPOCH 2002), NORTH ZONE, MULTIPLY THE LDP COORDINATES BY 0.99994824.

RECOVERED MONUMENT LIST

| PT. | LDP | LDP | | | | |
|----------|-----------|------------|-----------|----------|---------------------------------------|---|
| NO. | NORTHING | EASTING | STATION | OFFSET | DATE | DESCRIPTION & REFERENCE DOCUMENTS |
| SW_27 | 843577.70 | 8727929.54 | N/A | N/A | · · · · · · · · · · · · · · · · · · · | FOUND ALUMINUM CAP IN PAVEMENT MARKED "TON R35E LS 2360 S28, S27, S33, S34 2001", SN 03-023-C |
| SE_27 | 843738.22 | 8733260.49 | 263+40.00 | 0.00 | | FOUND ALUMINUM CAP IN PAVEMENT MARKED "TON R35E S27, S26, S34, S35 2001 PLS 852", SN 02-018-B |
| W1/16_27 | 843617.14 | 8729264.64 | 223+42.32 | 0.76' RT | 02/10/2011 | |

SET MONUMENT LIST

| PT. | LDP | LDP | | | | |
|------|-----------|------------|-----------|-----------|------------|---|
| NO. | NORTHING | EASTING | STATION | OFFSET | DATE | DESCRIPTION & REFERENCE DOCUMENTS |
| 5000 | 843596.01 | 8729201.93 | 222+79.00 | 20.00′ RT | 05/14/2015 | SET 5/8" IRON ROD W/1-1/2" ALUMINUM CAP MARKED "ODOT" |
| 5001 | 843589.01 | 8729202.14 | 222+79.00 | 27.00' RT | 05/14/2015 | SET 5/8" IRON ROD W/1-1/2" ALUMINUM CAP MARKED "ODOT" |
| 5002 | 843585.04 | 8729236.27 | 223+13.00 | 32.00' RT | 05/14/2015 | SET 5/8" IRON ROD W/1-1/2" ALUMINUM CAP MARKED "ODOT" |
| 5003 | 843589.04 | 8729369.21 | 224+46.00 | 32.00' RT | 05/14/2015 | SET 5/8" IRON ROD W/1-1/2" ALUMINUM CAP MARKED "ODOT" |
| 5004 | 843603.20 | 8729440.82 | 225+18.00 | 20.00′ RT | 05/14/2015 | SET 5/8" IRON ROD W/1-1/2" ALUMINUM CAP MARKED "ODOT" |

REGISTERED PROFESSIONAL LAND SURVEYOR

BAEL

OREGON
JAN. 14, 2003
BRET N. ELITHORP
63148

RENEWAL: DEC. 31, 2015 SIGNED: 7/10/15

OREGON DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MONUMENTATION SURVEY
HUDSON BAY CANAL BRIDGE #04767
SUNNYSIDE-UMAPINE HIGHWAY
UMATILLA COUNTY

FOR ODOT REGION 5
3012 ISLAND AVE.
LA GRANDE, OR 97666-1234

JULY 10, 2015 SCALE: 1" = 50' SHEET 1 OF 1