

NARRATIVE

PURPOSE

THE PURPOSE OF THIS SURVEY IS TO RESET MONUMENTS IN BRIDGE STREET (HWY. 47) DESTROYED DUE TO THE RE-CONSTRUCTION OF THE SECTION OF OR47: VERNONIA NCL - JCT. SUNSET HWY, AN OREGON DEPARTMENT OF TRANSPORTATION (ODOT) PROJECT (KEY *11131). THIS SURVEY IS IN CONFORMANCE WITH ORS 209.150(1).

BASIS OF BEARING AND COORDINATES

A HORIZONTAL CONTROL AND RECOVERY SURVEY (SN 5024), PERFORMED BY ODOT AND RECORDED WITH COLUMBIA COUNTY SURVEYOR'S OFFICE, WAS USED FOR BEARING AND COORDINATE CONTROL OF THIS SURVEY.

SN 5024 WAS PERFORMED USING METRIC MEASURE. TO CONVERT FROM METRIC UNITS TO ENGLISH UNITS THE COORDINATES OF SN 5024 WERE DIVIDED BY THE FACTOR 0.3048.

THIS SURVEY UTILIZES A LOCAL DATUM PLANE (LDP) WHICH IS RELATIVE TO THE OREGON COORDINATES SYSTEM OF 1983 NORTH ZONE. TO CONVERT LDP COORDINATES TO THE NAD 83(91) STATE PLANE COORDINATES, MULTIPLY LDP COORDINATES BY 0.999934371.

SPECIAL NOTES

RIGHT-OF-WAY LINES AND TAX LOT LINES SHOWN ON THIS SURVEY ARE FOR GRAPHICAL PURPOSES ONLY. THEY ARE NOT INTENDED TO SHOW THE ACTUAL BOUNDARIES THEY REPRESENT. THEY ARE INTENDED TO AID THE VIEWER OF THIS SURVEY IN THE LOCATION OF MONUMENTS FOUND AND SET.

THIS SURVEY WAS PREPARED USING HEWLETT-PACKARD PRODUCT NO. 51645A ON CONTINENTAL JPC4M2 POLYESTER FILM.

INDEX

SHEET 1 - SURVEY NARRATIVE
SHEETS 2 - 3 MONUMENTATION SURVEY

REFERENCE DOCUMENTS

SN 129
SN 5024

METHOD OF SURVEY

PRIOR TO THE ABOVE MENTIONED CONSTRUCTION PROJECT A LOCATION DESIGN SURVEY WAS PERFORMED. RECORD MONUMENTS WITHIN THE PROJECT FOOTPRINT WERE RECOVERED AND TIED FROM JANUARY 16, 2002 TO JULY 17, 2002. MONUMENTS WERE RECOVERED AND TIED AT THE FOLLOWING INTERSECTIONS;

BRIDGE STREET & WEED AVENUE (RECOVERED AND TIED 1/23/02)
BRIDGE STREET & MADISON AVENUE (RECOVERED AND TIED 4/09/02)
BRIDGE STREET & JEFFERSON AVENUE (RECOVERED AND TIED 4/09/02)
BRIDGE STREET & PARK DRIVE (RECOVERED AND TIED 4/09/02)
BRIDGE STREET & GRANT AVENUE (RECOVERED AND TIED 4/09/02)

MONUMENTS RECOVERED AT THESE INTERSECTIONS WERE A 3/4 INCH IRON PIPE WITH TACK IN LEAD PLUG IN MONUMENT BOX EXCEPT AT THE INTERSECTION OF BRIDGE STREET & WEED AVENUE. THE MONUMENT RECOVERED AND TIED THERE WAS A 3/4 INCH IRON PIPE IN MONUMENT BOX. ALL THESE MONUMENTS WERE AS SHOWN ON SN 129.

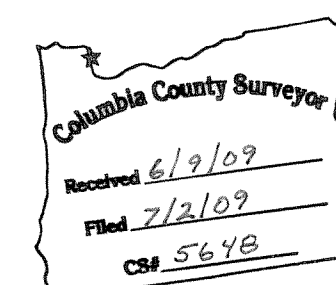
AFTER THE HIGHWAY CONSTRUCTION PROJECT FROM OCTOBER 3, 2003 TO JULY 31, 2005 A SEARCH WAS MADE FOR THESE MONUMENTS. ALL WERE DESTROYED EXCEPT FOR THE MONUMENT AT THE INTERSECTION OF BRIDGE STREET & GRANT AVENUE. IT WAS FOUND UNDER 5" OF AC PAVEMENT. THE EXISTING MONUMENT WAS TIED FROM THE EXISTING PROJECT CONTROL (SEE SN 5024) AND FOUND TO HAVE THE SAME COORDINATES AS WHEN RECOVERED AND TIED DURING THE LOCATION DESIGN SURVEY. A NEW MONUMENT BOX WAS PLACED OVER IT.

A 5/8 INCH X 30 INCH IRON ROD WITH 1-1/2 INCH BRASS CAP STAMPED "ODOT" IN MONUMENT BOX WAS PLACED AT THE OTHER INTERSECTIONS. THESE MONUMENTS WERE PLACED AT THE SAME COORDINATES OF THE LOCATION DESIGN SURVEY. THE PROJECT CONTROL ESTABLISHED FOR THE LOCATION DESIGN SURVEY AND USED FOR THE HIGHWAY CONSTRUCTION PROJECT WAS USED IN THE SETTING OF THE NEW MONUMENTS.

REGISTERED
PROFESSIONAL
LAND SURVEYOR

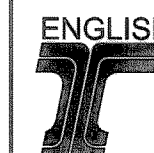
Steven L. Muma
OREGON
JANUARY 16, 1996
STEVEN L. MUMA
2747

RENEWAL DATE 12-31-2010



OREGON DEPARTMENT OF TRANSPORTATION

MONUMENTATION REPLACEMENT SURVEY
OR47:VERNONIA NCL - JUNCTION SUNSET HWY
NEHALEM HIGHWAY (HWY 47)
COLUMBIA COUNTY, OREGON



ODOT REGION 1, SURVEY UNIT
123 NW FLANDERS ST.
PORTLAND, OR 97209-4037

KEY NO: 11131

MAY 27, 2009
SCALE: 1" = 50'
SHEET 1 OF 3

CS 5648
2 OF 3

CS 5648
2 OF 3

W 1/2 SECTION 4, SE 1/4 SECTION 5, T4N, R4W WM



LEGEND

●

 SET 5/8" X 30" IRON ROD WITH 1-1/2" BRASS CAP STAMPED "ODOT" AND PUNCH MARK IN MONUMENT BOX

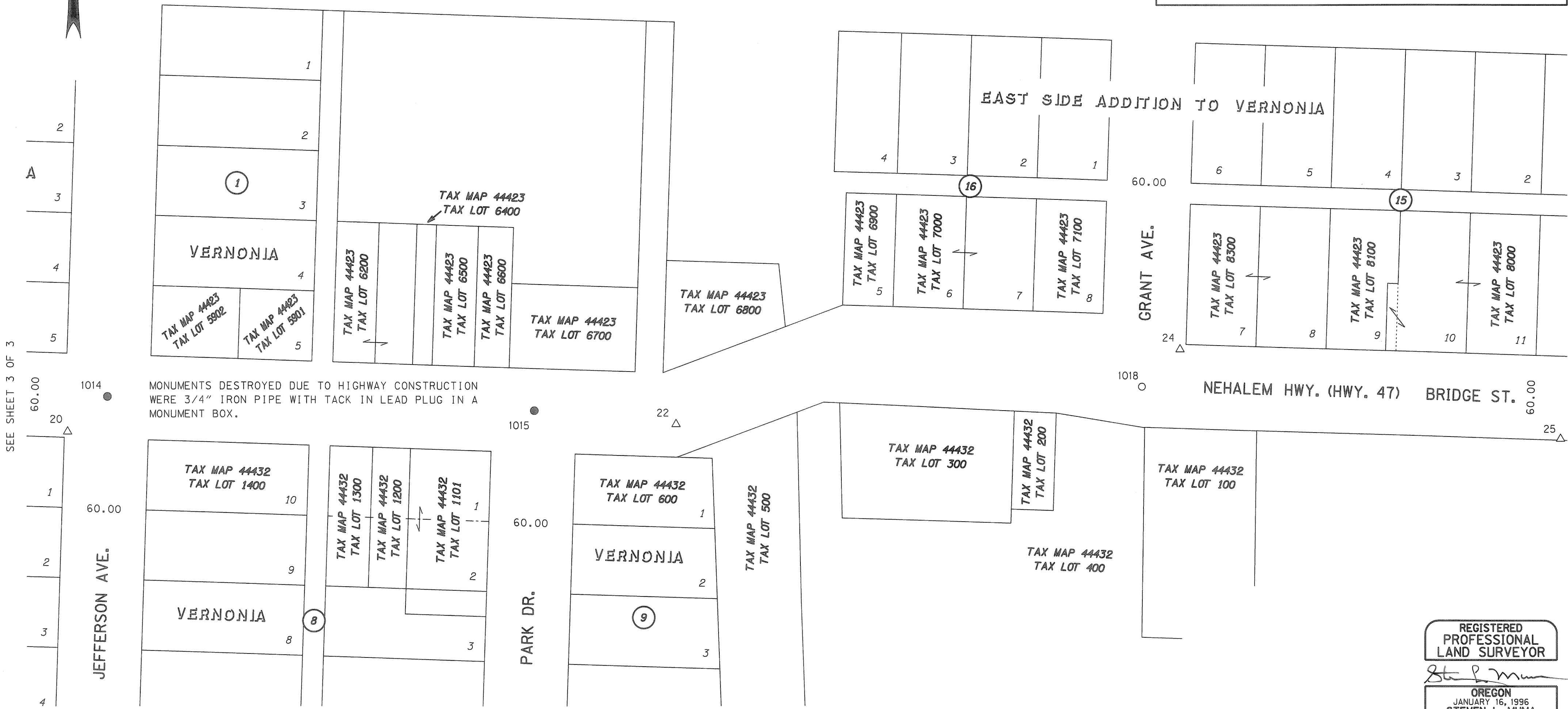
○

 FOUND MONUMENT AS NOTED

△

 FOUND NETWORK CONTROL STATION (SN 5024)

SN SURVEY NUMBER, COLUMBIA COUNTY SURVEY RECORDS



COORDINATES SHOWN ON THIS SURVEY
ARE LDP CONVERTED FROM NAD83(91)

COORDINATE TABLE OF FOUND AND SET MONUMENTS

PT. #	NORTHING	EASTING	DESCRIPTION
20	810640.148	7516301.555	FOUND 1-1/8" BRASS PLUG IN CONCRETE SIDEWALK ON 4-30-2009 (SN 5024)
22	810645.394	7516736.204	FOUND 1-1/8" BRASS PLUG IN CONCRETE SIDEWALK ON 4-30-2009 (SN 5024)
24	810698.612	7517096.142	FOUND 1-1/8" BRASS PLUG IN CONCRETE SIDEWALK ON 4-30-2009 (SN 5024)
25	810634.551	7517367.730	FOUND 1-1/8" BRASS PLUG IN CONCRETE SIDEWALK ON 4-30-2009 (SN 5024)
1014	810665.233	7516330.121	SET MONUMENT PER LEGEND ON 4-30-2009
1015	810655.203	7516634.997	SET MONUMENT PER LEGEND ON 4-30-2009
1018	810671.978	7517068.970	FOUND 3/4" IRON PIPE WITH TACK IN LEAD IN MONUMENT BOX, ON 4-09-2002 (PER SN 129)

REGISTERED
PROFESSIONAL
LAND SURVEYOR

OREGON
JANUARY 16, 1996
STEVEN L. MUMA
2747

RENEWAL DATE 12-31-2010

Columbia County Surveyor

Received 6/9/09

Filed 7/2/09

CS# 5648

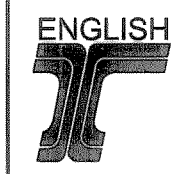
OREGON DEPARTMENT OF TRANSPORTATION

MONUMENTATION REPLACEMENT SURVEY

OR47:VERNONIA NCL - JUNCTION SUNSET HWY

NEHALEM HIGHWAY (HWY 47)

COLUMBIA COUNTY, OREGON



ODOT REGION 1, SURVEY UNIT
123 NW FLANDERS ST.
PORTLAND, OR 97209-4037

MAY 27, 2009
SCALE: 1" = 50'
SHEET 2 OF 3

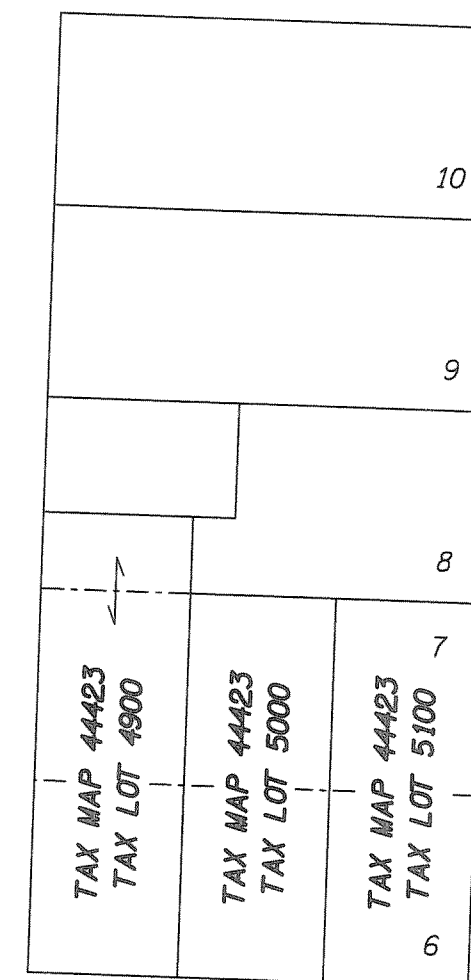
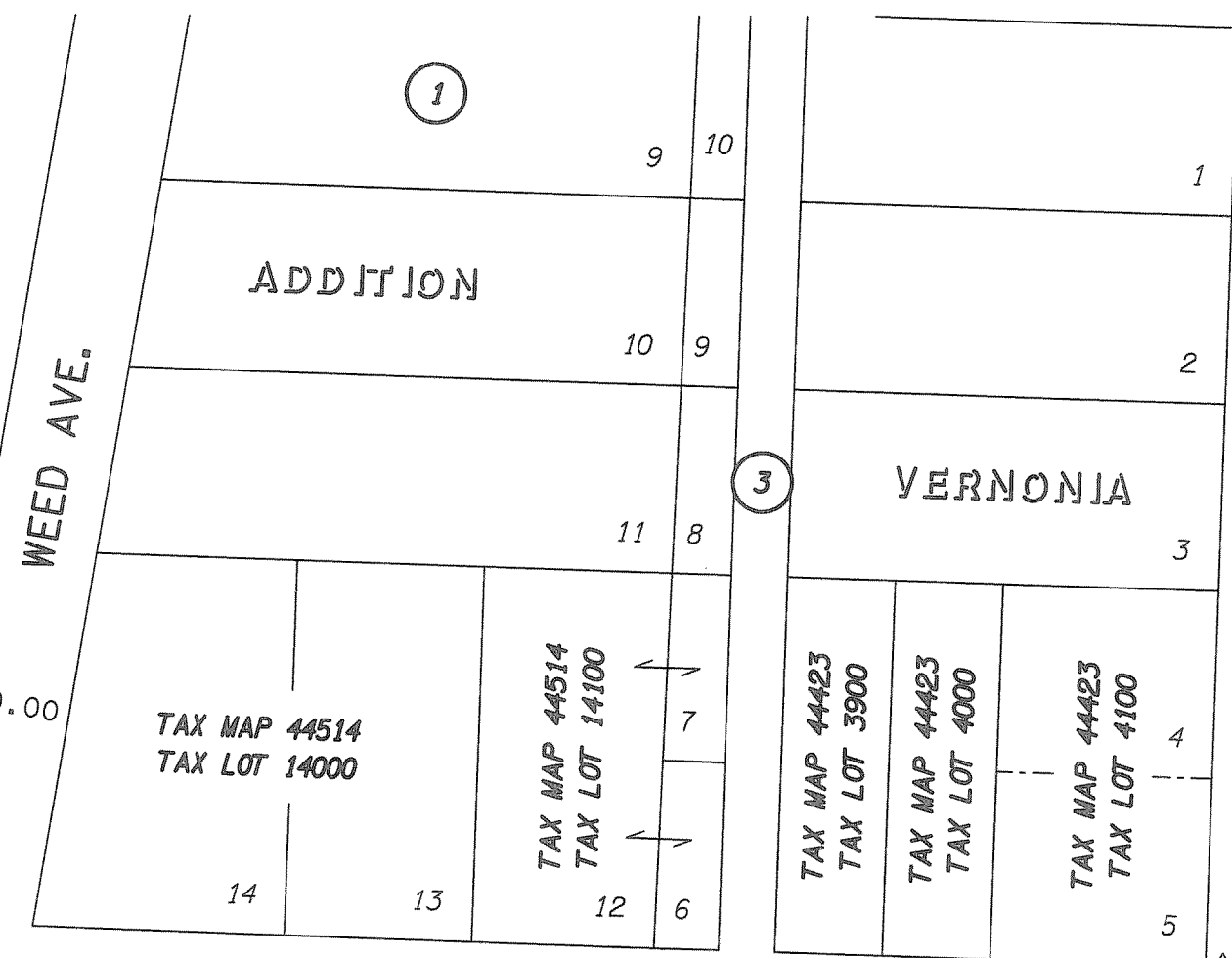
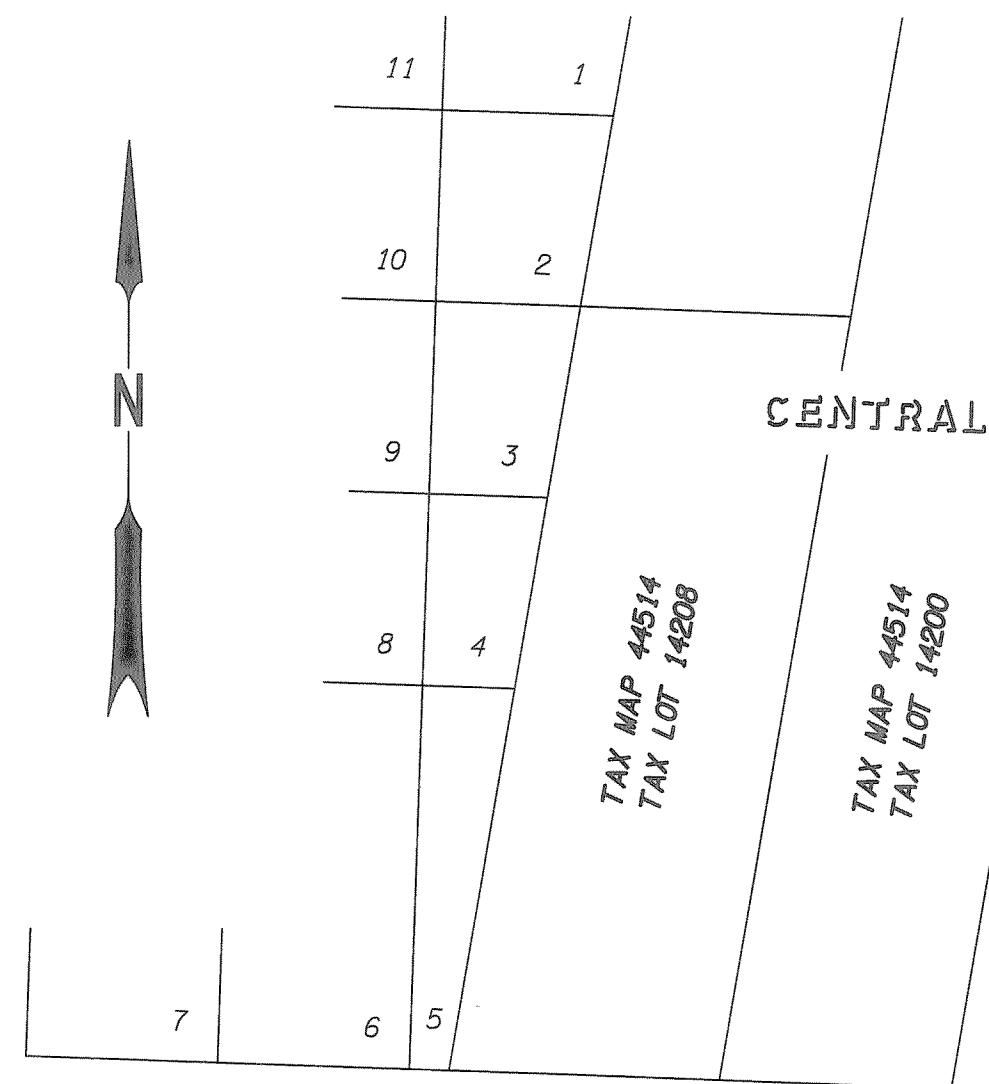
CS 5648
2 OF 3

CS 5648
2 OF 3

CS 5648
3 OF 3

CS 5648
3 OF 3

W 1/2 SECTION 4, SE 1/4 SECTION 5, T4N, R4W WM

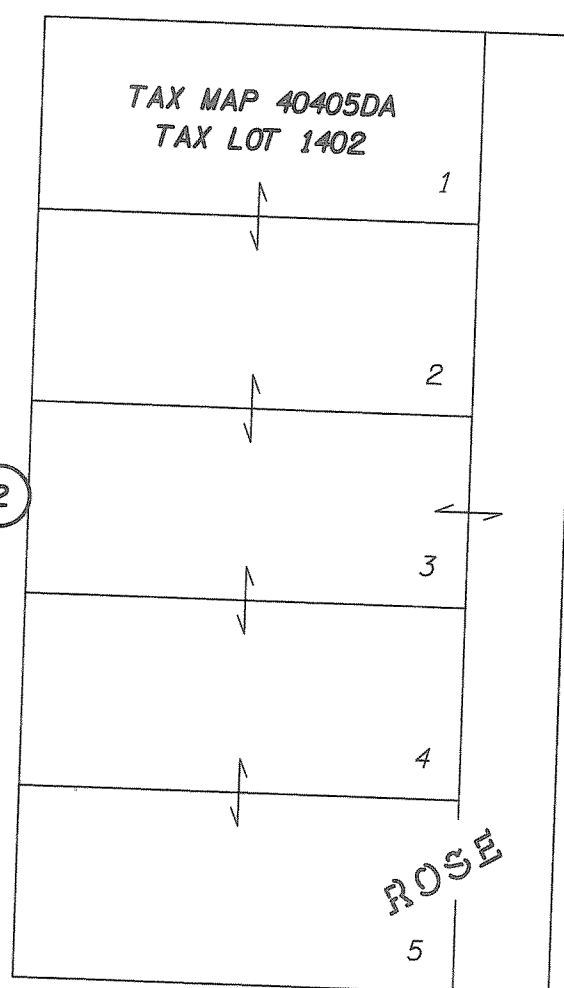
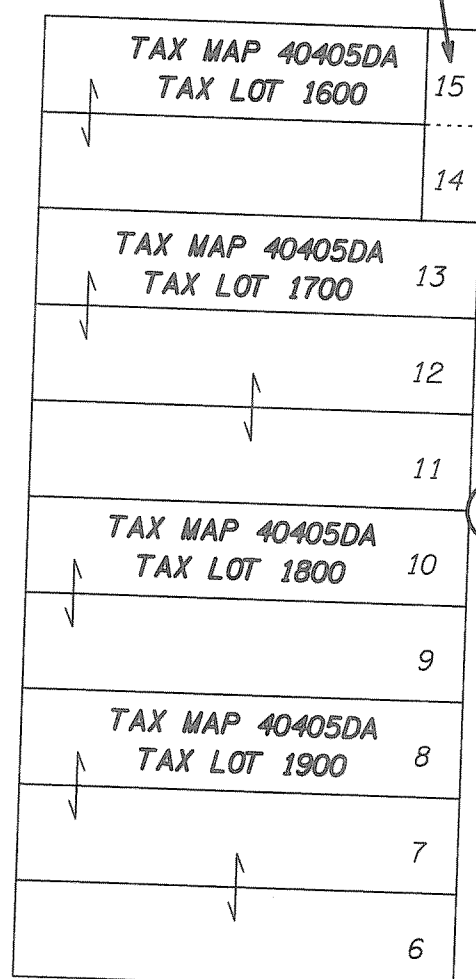


LEGEND

- SET 5/8" X 30" IRON ROD WITH 1-1/2" BRASS CAP STAMPED "ODOT" AND PUNCH MARK IN MONUMENT BOX
- △ FOUND NETWORK CONTROL STATION (SN 5024)
- SN SURVEY NUMBER, COLUMBIA COUNTY SURVEY RECORDS

60.00
TAX MAP 40405DA
TAX LOT 1500

MONUMENT DESTROYED DUE TO HIGHWAY CONSTRUCTION AT THIS LOCATION WAS A 3/4" IRON PIPE IN A MONUMENT BOX.



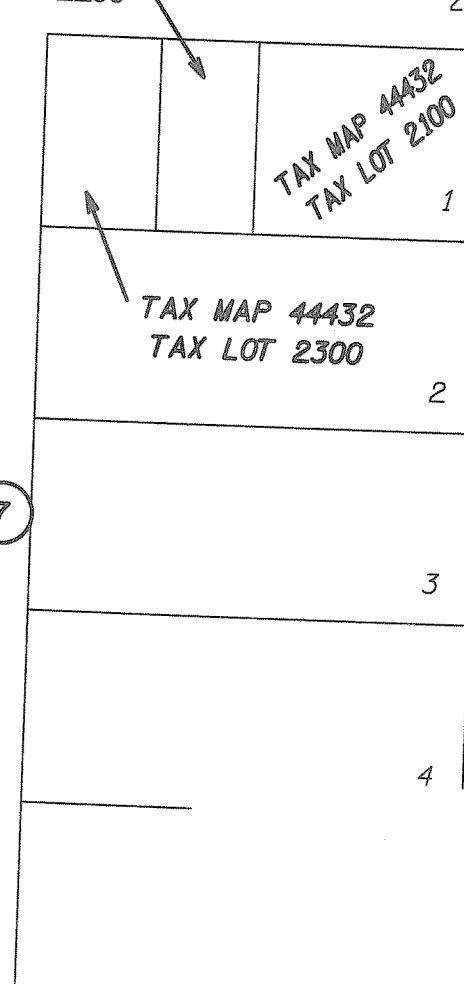
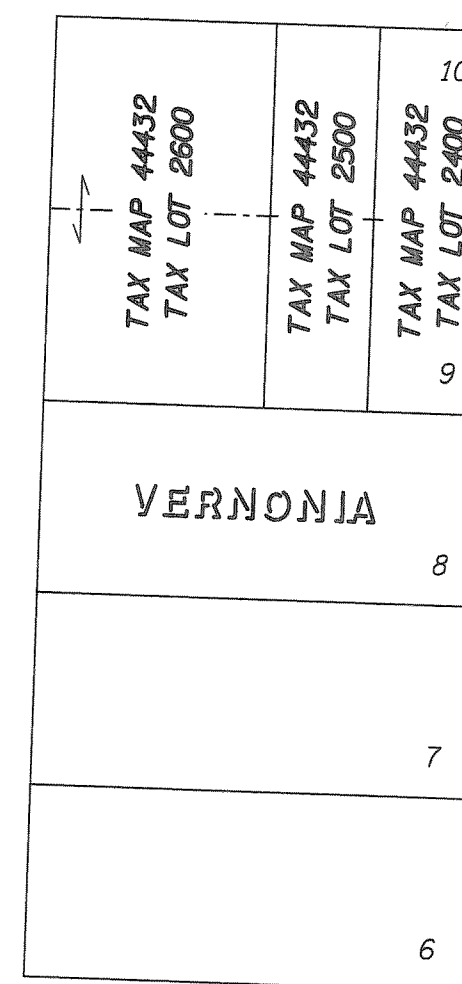
1008

NEHALEM HWY. (HWY. 47) BRIDGE ST.

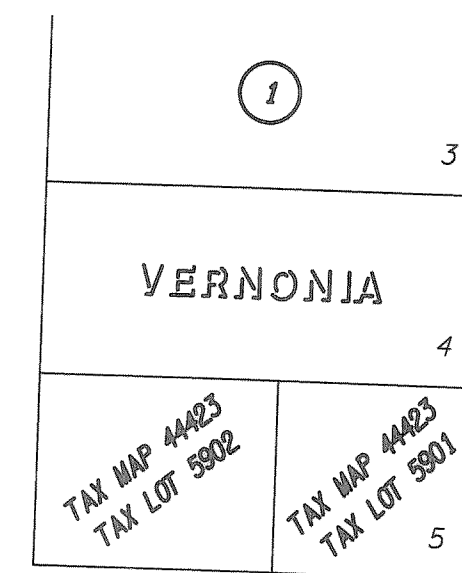
1010

MONUMENTS DESTROYED DUE TO HIGHWAY CONSTRUCTION WERE 3/4" IRON PIPE WITH TACK IN LEAD PLUG IN A MONUMENT BOX.

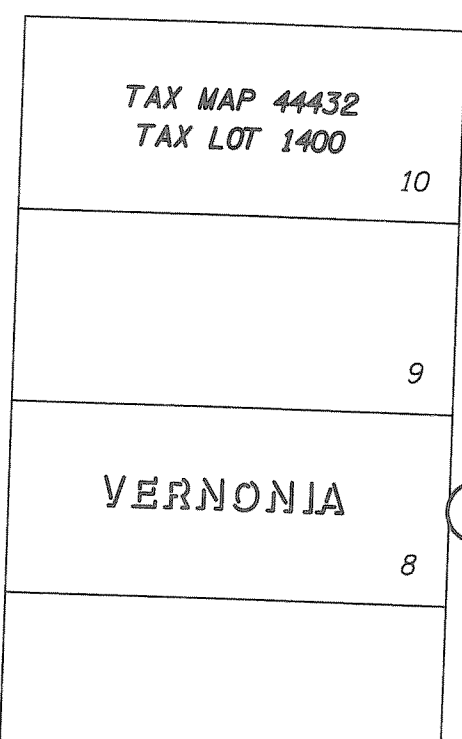
TAX MAP 44432
TAX LOT 2200



1014



60.00

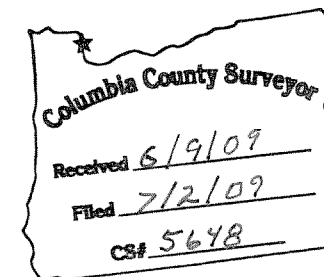


SEE SHEET 2 OF 3

COORDINATES SHOWN ON THIS SURVEY
ARE LDP CONVERTED FROM NAD83(91)

COORDINATE TABLE OF FOUND AND SET MONUMENTS

PT. #	NORTHING	EASTING	DESCRIPTION
18	810662.385	7515680.164	FOUND BRASS SCREW WITH 1-1/4" BRASS WASHER IN CONCRETE SIDEWALK ON 4-30-2009 (SN 5024)
19	810706.037	7516001.014	FOUND BRASS SCREW WITH 1-1/4" BRASS WASHER IN CONCRETE SIDEWALK ON 4-30-2009 (SN 5024)
20	810640.148	7516301.555	FOUND 1-1/8" BRASS PLUG IN CONCRETE SIDEWALK ON 4-30-2009 (SN 5024)
1008	810686.086	7515692.365	SET MONUMENT PER LEGEND ON 4-30-2009
1010	810675.220	7516025.220	SET MONUMENT PER LEGEND ON 4-30-2009
1014	810665.233	7516330.121	SET MONUMENT PER LEGEND ON 4-30-2009



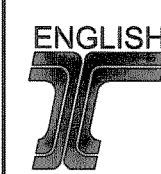
REGISTERED
PROFESSIONAL
LAND SURVEYOR

OREGON
JANUARY 16, 1996
STEVEN L. MUMA
2747

RENEWAL DATE 12-31-2010

OREGON DEPARTMENT OF TRANSPORTATION

MONUMENTATION REPLACEMENT SURVEY
OR47:VERNONIA NCL - JUNCTION SUNSET HWY
NEHALEM HIGHWAY (HWY 47)
COLUMBIA COUNTY, OREGON



ODOT REGION 1, SURVEY UNIT
123 NW FLANDERS ST.
PORTLAND, OR 97209-4037

KEY NO: 11131

MAY 27, 2009
SCALE: 1" = 50'
SHEET 3 OF 3

CS 5648
3 OF 3

CS 5648
3 OF 3

CS 5648
3 OF 3