

**MARION COUNTY
PUBLIC WORKS
COUNTY SURVEYOR**

**PUBLICATION DATE:6/1/1994
USGS QUAD SHEET:WOODBURN**

9441

CS NUMBER: PID:
CLASS WEIGHT: 0

HORIZONTAL DATUM: STATE: OREGON
VERTICAL DATUM : COUNTY: MARION

| | | | |
|----------------------|------------------|-------|---------|
| LATITUDE: | 45 08 32.522730 | N | METERS |
| LONGITUDE: | 122 51 22.246638 | W | METERS |
| ORTHOMETRIC HEIGHT : | 56.75869 | | METERS |
| | 186.22 | | FEET |
| DEFLECTIONS: | -4 | 1.3 | SECONDS |
| LAPLACE CORRECTION: | No Data | | SECONDS |
| GEOED HEIGHT: | -22.1492 | | METERS |
| ELLIPSOIDAL HEIGHT: | 34.60949 | 0.003 | METERS |
| X: | -2444874.29766 | | METERS |
| Y: | -3785545.46559 | | METERS |
| Z: | 4498546.69293 | | METERS |

HORIZONTAL NETWORK ORDER/CLASS: C-1
VERTICAL NETWORK ORDER/CLASS: No Data

PLANE COORDINATES

| GRID | ZONE | NORTHING METERS | NORTHING METERS DEV. | EASTING METERS | EASTING METERS DEV. | POINT SCALE FACTOR | CONVERGENCE DEG MIN SEC |
|------|------|--------------------|-------------------------|-------------------|------------------------|--------------------------|----------------------------|
|------|------|--------------------|-------------------------|-------------------|------------------------|--------------------------|----------------------------|

STATION MARK IS A..... U.S.G.S. PIPE and CAP
THE MARK IS STAMPED..... "PTS 49B"
WITH SETTING..... 1.0 FT. SQUARE BLOCK OF CEMENT

| STATION MARK HISTORY | | |
|---------------------------------|-------------------|------------------------------|
| YEAR MONUMENTED OR RECOVERED | CONDITION OF MARK | RECOVERED OR DESCRIBED BY |
| STATION DESCRIPTION | | |
| | | |

Questions concerning the VERTCON process may be mailed to [NGS](#)

Marion County Control Point: 9441

Latitude: 45 08 32.522730

Longitude: 122 51 22.246638

NAVD 88 height: 186.22 FT

Datum shift(NAVD 88 minus NGVD 29): 3.356 feet

Converted to NGVD 29 height: 182.864 feet