

**MARION COUNTY  
PUBLIC WORKS  
COUNTY SURVEYOR**

**PUBLICATION DATE:6/1/1994  
USGS QUAD SHEET:WOODBURN  
9417**

CS NUMBER: PID:  
CLASS WEIGHT: 0  
HORIZONTAL DATUM:  
VERTICAL DATUM :

**STATE: OREGON  
COUNTY: MARION**

**LATITUDE:** 45 09 21.211132 **N** METERS  
**LONGITUDE:** 122 49 38.332168 **W** METERS  
**ORTHOMETRIC HEIGHT :** { 55.77127 METERS  
182.98 FEET  
**DEFLECTIONS:** -4 1.2 SECONDS  
**LAPLACE CORRECTION:** No Data SECONDS  
**GEOED HEIGHT:** -22.1651 METERS  
**ELLIPSOIDAL HEIGHT:** 33.60617 0.003 METERS  
**X:** -2442388.81581 METERS  
**Y:** -3785880.67906 METERS  
**Z:** 4499606.0324 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
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STATION MARK IS A..... **MARION COUNTY SURVEYOR BRASS STEM CAP**  
THE MARK IS STAMPED..... **T5S R1W S08 '9417' 1994**  
WITH SETTING..... **IN CONCRETE CURB FLUSH WITH SURFACE**

<b>STATION MARK HISTORY</b>		
<b>YEAR MONUMENTED OR RECOVERED</b>	<b>CONDITION OF MARK</b>	<b>RECOVERED OR DESCRIBED BY</b>
<b>STATION DESCRIPTION</b>		

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

Marion County Control Point: 9417

Latitude: 45 09 21.211132

Longitude: 122 49 38.332168

NAVD 88 height: 182.98 FT

Datum shift(NAVD 88 minus NGVD 29): 3.383 feet

Converted to NGVD 29 height: 179.597 feet