

# BASIS OF BEARING

Bearing as determined by using published NAD83(91) coordinates between GPS Control Points  $\Delta$  9213 and  $\Delta$  9311

SCALE: 1" = 1000'

## SCALE FACTORS

Average Projection Scale  
0.99989612485  
Average Elevation Scale  
0.99986331622  
Average Combined Scale  
0.99975945527

## REFERENCE MATERIAL

Union County GPS Records  
Union County Monumentation Records  
GLO Contract Number 102 by Timothy W. Davenport dated July 20, 1863  
GLO Contract Number 103 by David P. Thompson dated September 3, 1863  
Survey by J.W. Kimbrell dated April 8, 1887 recorded in the Old Book of Surveys on Page 7  
Survey by J.W. Kimbrell dated September 5, 1888 recorded in the Old Book of Surveys on Page 91  
Survey by J.W. Kimbrell dated September 8, 1888 recorded in the Old Book of Surveys on Page 94  
ODOT Drawing Number 6B-19-1  
ODOT Drawing Number 6B-19-2  
Survey Number 25-92  
Survey Number 051-1993  
Survey Number 010-2001  
Survey Number 034-2001  
Survey Number 004-2002

## LEGEND

▲ Found OSHD Brass Disk- NGS Control Station "COVE", Union County GPS Point Number 9213

● Found 5/8" pin with plastic cap marked "BGA SURVEY MARKER" as per Union County Monumentation records

▲ Found Brass Cap monument as per Union County Monumentation records

■ Found 2 1/2" aluminum cap on 5/8" iron pin as per Union County Monumentation records

⊙ Found 2 1/2" aluminum monument set by survey number 034-2001

⊙ Found 2 1/2" aluminum monument set by survey number 004-2002

⊙ Set 2 1/2"x30" aluminum monument

⊙ Set 2 1/2" brass cap on 5/8"x24" copper clad iron pin set in water valve box

[ ] Record information of GLO Contract Number 102

( ) Record information of GLO Contract Number 103

< > Record information survey recorded on page 7 of the Old Book of Surveys

<< >> Record information survey recorded on page 91 of the Old Book of Surveys

{ } Record information survey recorded on page 94 of the Old Book of Surveys

// // Record information survey number 004-2002

\* \* Existing fence line

## NOTE

For monumentation information, see monumentation records filed separately.

For GPS Information sheet, see Union County Surveyor GPS book in Union County Surveyor Office, also filed with monumentation records.

## NARRATIVE

This survey was performed as a part of an ongoing project to densify the monumentation and the GPS control network originally established by Eagle Survey Corporation in 1992. This area was severely lacking in monumentation. There were a few surveys executed in Sections 30 and 31 in the late 1800's by J.W. Kimbrell, then Union County Surveyor. The existing monumentation, and the existing fences within the section shown were located and search areas were established for the missing corners. Original corner evidence was severely lacking in this area. I do feel that the existing fences, particularly in the Southwesterly portion of this survey, do represent the positions of the original and Kimbrell surveys. I only monumented corners that I felt were in harmony with, and were a perpetuation of the original corner positions. This is not to say that the corners not monumented on this survey should not be searched for should a further sectional subdivision become necessary in the future. I do find a discrepancy in the corner dimensions along the West line of Sections 19 and 30. The two corners along the West side of the Southwest quarter of Section 19 were monumented by Harmon McLendon on survey number 004-2002. Mr. McLendon also based much of that survey on the existing fences and the state plane coordinates shown on ODOT drawing number 6B-19-1. The distances North and South of the Southwest corner of Section 19 appear to be shifted approximately 40 feet. Because of this discrepancy, I chose not to assign a GPS Number and information sheet to the corner to Sections 19, 30, 24 and 25. The bearings and distances are based on State Plane Coordinates NAD83(91). Elevations are NGVD 29 datum. I used GEOID 99 in determination of Ortho heights. I have prepared monumentation sheets and GPS Data sheets for the corners either observed statically, or monumented on this survey.

REGISTERED  
PROFESSIONAL  
LAND SURVEYOR

*Gregory T. Blackman*  
OREGON  
JULY 13, 1973  
GREGORY T. BLACKMAN  
991

Renewal Date: Dec. 31, 2003

UNION COUNTY  
SURVEYOR  
Date Received 2/18/03  
Date Filed 2/18/03  
By R. Robinson Dearty  
File No. 003-2003

**BAGETT, GRIFFITH & BLACKMAN**  
2006 Adams Avenue, LaGrande, Oregon  
Map of Survey  
Remonumentation of various corners situated in Sections 19, 20, 29, 30, 31 and 32 Township 3 South, Range 40 East of the Willamette Meridian.  
UNION COUNTY, OREGON  
SURVEYED FOR Union County Surveyor  
SURVEYED BY G.T.B. 12/2002  
Scale: 1" = 1000' Drawn by: R.G.R. 2/2003

SURVEY NUMBER 003-2003

