

**OREGON NORTH ZONE
LAMBERT COORDINATE DATA
BOUNDARY COURSES WITH CORNER COORDINATES**

**SECTION CORNER & CONTROL
MONUMENT COORDINATES**

NARRATIVE

Corner Monument	Bearing	Distance	Northing	Easting	STATION	NORTHING & BEARING	EASTING & DISTANCE
"H" (100)	S00°43'50"E	119.992	815,643.557	2,262,427.773	Sec. Cor. 17 16 20 21	819,040.856 S00°44'06"E	2,266,847.477 1,317.726
1/1024	N89°18'19"E	165.142	815,523.574	2,262,429.303	N 1/16 Cor. 20 21	817,723.238 S00°43'45"E	2,266,864.381 1,318.977
1/1024	S00°43'58"E	165.617	815,525.577	2,262,594.433	1/4 Cor. 20 21	816,404.368 S00°42'40"E	2,266,881.166 1,322.886
SE-NW-SW 1/256	N89°17'52"E	330.298	815,359.974	2,262,596.551	S 1/16 Cor. 20 21	815,081.584 S00°44'05"E	2,266,897.582 1,324.814
C-S-N-SW 1/256	N00°44'15"W	168.842	815,364.022	2,262,926.825	Sec. Cor. 20 21 29 28	813,756.879 S89°17'01"W	2,266,914.572 2,644.027
H-5 3207-2	N71°46'13"E	263.201	815,532.851	2,262,924.651	1/4 Cor. 20 29	813,723.817 S89°17'07"W	2,264,270.751 2,644.441
3207-2-1 3209	S00°43'56"E	108.117	815,615.187	2,263,174.643	Sec. Cor. 19 20 30 29	813,690.834 N00°43'07"W	2,261,626.517 1,325.631
3209-1	N89°18'26"E	354.992	815,507.079	2,263,176.024	S 1/16 Cor. 19 20	815,016.361 N00°43'07"W	2,261,609.889 1,325.972
3209-2	N00°43'36"W	228.935	815,511.370	2,263,530.991	Calc'd 1/4 Cor. 19 20	816,342.228 N89°20'34"E	2,261,593.257 1,320.868
3209-3 3208	N71°56'13"E	104.837	815,740.287	2,263,528.087	CW 1/16 Cor.	816,357.381 N89°21'10"E	2,262,914.038 1,322.981
3208-1 3207-2-2	S00°43'17"E	471.420	815,772.793	2,263,627.758	C 1/4 Cor.	816,372.327 N00°42'24"W	2,264,236.935 1,323.547
3207-2-3	N55°11'15"E	434.053	815,301.410	2,263,633.693	CN 1/16 Cor.	817,695.774 N89°24'34"E	2,264,220.610 1,321.798
3207-2-4	N55°11'13"E	69.298	815,549.208	2,263,990.061	NE 1/16 Cor.	817,709.398 N89°24'01"E	2,265,542.338 1,322.116
3207-2-5 3216	N89°18'30"E	83.971	815,588.771	2,264,046.956	N 1/16 Cor. 20 21	817,723.238	2,266,864.381
3216-1	N89°18'31"E	115.657	815,589.784	2,264,130.921	SW 1/16 Cor.	815,032.903	2,262,931.087
3216-2	N00°42'25"W	48.519	815,591.180	2,264,246.570	CS 1/16 Cor.	815,048.887	2,264,253.259
3216-3	N00°42'24"W	69.132	815,639.695	2,264,245.971	SE 1/16 Cor.	815,063.479	2,265,574.751
3216-4 3207-1	N55°51'13"E	377.380	815,708.823	2,264,245.119	CE 1/16 Cor.	816,387.253	2,265,558.128
3207-1A	N55°51'13"E	408.891	815,920.650	2,264,557.441	△ JL 599	815,892.910	2,261,932.670
3207-1-1	S00°42'45"E	49.999	816,150.164	2,264,895.842			
3207-1-2	N55°01'13"E	605.189	816,100.169	2,264,896.463			
3207-1-3	N00°39'50"W	102.605	816,447.116	2,265,392.328			
3207-1-4 3211-1	N54°36'13"E	381.122	816,549.713	2,265,391.139			
3212-1			816,770.471	2,265,701.816			

Brief History

A comprehensive history is incorporated under a report by McCullough, Bryant and Associates dated October 8, 1979.

Specifically, in the area of Section 20 several recent private surveys have occurred, but no indications of boundary ties to the controlling 1906 monuments set by Worthington are to be seen.

What Was Found

Pertaining to the 1906 plat and monuments set, we found all but the 1/4 corner 19|20 and West 1/16 20. I feel the monument for 29

the West 1/16 is in (we were asked to stay off the ground until harvest) and the 1/4 is now under water.

We found monuments set by private survey along the East line of 18th Street, State highway right-of-way monuments and numerous monuments set by the Corps of Engineers along or close to their project boundary line.

Conclusions

Having recovered most of Worthington's monuments, we were able to substantially reconstruct the lots and blocks as they were created in preparation for sale by Oregon Land and Water Company.

Where deed calls were from the centerline of the "highway" as Worthington had it in 1906, we could fix that position based upon ties to his monuments.

As measured in the field the "I" angle of centerline is within 30 seconds of 1906 record. The state highway right-of-way monuments in the vicinity were tied and used to help locate the right-of-way. In reconstruction of the curve (by intersecting tangents and holding given curve data) we disagree with the position of monuments found for the P.S. by nearly seven feet.

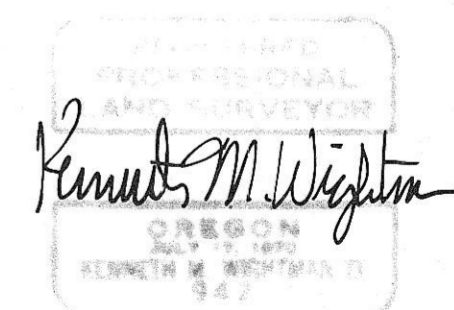
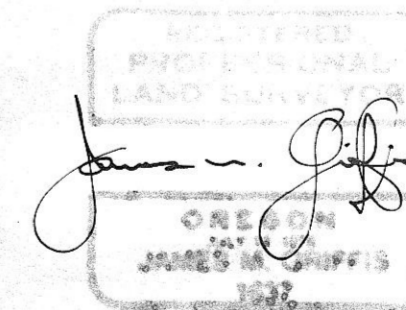
That tract designated as "H" is an aliquot breakdown and again, we held those monuments as set by Worthington to control the subdivision. This particular area is where we found the Corps monuments to be as much as twenty feet away. Typically we were within two to three feet of those unrecorded Corps monuments.

General Information

Basis of bearings was established by utilizing published Lambert Coordinates Oregon North Zone data at or near "JL 599". Bearings as shown on the plat have been rotated to true north and distances are geodetic.

We set a six foot steel fence post with a witness plaque attached at all Public Land Survey corners and project boundary corners shown as set or found on the Record of Survey.

There are no visible encroachments other than what is depicted on the Record of Survey.



RECORD OF SURVEY

FOR: U.S. ARMY CORPS OF ENGINEERS
LOCATED IN SECTION 20, TOWNSHIP 5 NORTH, RANGE 27 EAST, W.M., MORROW COUNTY, OREGON

JULY 30, 1983 - OCTOBER 14, 1983