

NARRATIVE

Section 21, T4N, R23E
Morrow County, Oregon

Brief History

The township was originally subdivided by Thompson, Pengra & David in October of 1869.

The Morrow County Surveyor did some work around the turn of the century and re-established the 1/4 corner 21/28. The Corps of Engineers in the 1950's restored 1/4 20/21, 1/4 21/22 and section corner 20/21. At that time they established State Plane 29/28.

Coordinates on those particular corners and proceeded to subdivide Section 21 and define their project boundary.

In March of this year the firm of Richard Rogers in Richland Washington did some work for Simplot, preparatory to creating easements and lease lines.

What Was Found

As indicated on the Record of Survey, we found the Corps monument for Section Corner 20/21 and 1/4 corner 21/22. The position for 29/28

1/4 20/21 was held as tied previously by the Corps prior to the flooding of the John Day Pool.

We restored the 1/4 corner as set by the Morrow County Surveyor, Section Corner 21/22, 1/4 22 and Section Corner 22/23. The 28/27 27

latter three corners were not needed to perform our boundary survey, but were searched for and restored as a check on alignment and distances in Section 21.

Conclusions

Controlling Public Land Survey corners were found as depicted on this Record of Survey and were held for purposes of subdivision of Section 21. The original meander corners were lost when the John Day Pool was raised.

The Railroad right-of-way was determined from deeds, existing monumentation and existing track locations.

The Center-West 1/16 corner was established in accordance with proper subdivision procedures and the North-South Centerline of the Fractional Northwest 1/4 was extended northerly on a mean bearing (which just happened to be north).

Existing monuments established by the Corps for their boundary were roughly 15 feet easterly of the true line.

General Information

Basis of bearings was established by utilizing published Lambert Coordinates Oregon North Zone data for stations "Three" and "Canyon". Grid scale factor and theta angle rotation was based at station "Three". Bearings as shown on the plat have been rotated to true north and distances are geodetic.

Discrepancies between our monuments and previous recorded and unrecorded monuments are shown on the face of the plat.

We set a six foot steel fence post with witness plaque attached at all public land survey corners and project boundary corners shown as set or found on this Record of Survey.

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

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

Corner Monument	Bearing	Distance	Northing	Easting
2400-3-F POT 5938+01.91 (140)	N00°22'15"W	454.080	782,370.408	2,139,902.342
2400-3-E	N00°22'15"W	433.554	782,824.478	2,139,899.403
2400-3-D CW 1/16	N00°22'15"W	509.749	783,258.023	2,139,896.597
2400-3-C	N00°22'15"W	536.647	783,767.761	2,139,893.298
2400-3-B	N00°22'15"W	517.208	784,304.397	2,139,889.825
2400-3-A	N00°22'15"W	160.973	784,821.595	2,139,886.477
2400-3			784,982.565	2,139,885.436

**SECTION CORNER & CONTROL
MONUMENT COORDINATES**

STATION	NORTHING & BEARING	EASTING & DISTANCE
Sec. Cor. 20/21 29/28	780,643.239 N00°19'52"W	2,138,585.629 2,590.441
1/4 Cor. 20/21	783,233.637 N88°56'47"E	2,138,570.664 1,326.157
Center West 1/16	783,258.023 N88°56'47"E	2,139,896.597 1,326.157
Center 1/4	783,282.410 N88°56'47"E	2,141,222.530 2,714.341
1/4 Cor. 21/22	783,332.323 S00°29'17"E	2,143,936.412 2,641.960
Sec. Cor. 21/22 28/27	780,690.459 S89°44'11"W	2,143,958.910 2,717.751
1/4 Cor. 21/28	780,677.952 S89°15'04"W	2,141,241.188 1,327.893
West 1/16 21/28	780,660.596 S89°15'04"W	2,139,913.409 1,327.893
Sec. Cor. 20/21 29/28	780,643.239	2,138,585.629
Sec. Cor. 22/23 27/26	780,737.458 S89°42'16"W	2,149,246.468 2,646.625
1/4 Cor. 22/27	780,723.800 S89°16'36"W	2,146,599.878 2,641.178
Sec. Cor. 21/22 28/27	780,690.459	2,143,958.910
△ "THREE"	778,506.070	2,147,575.740 (PUBLISHED)
△ "CANYON"	785,428.360	2,155,894.240 (PUBLISHED)

RECORD OF SURVEY

FOR: U.S. ARMY CORPS OF ENGINEERS

LOCATED IN SECTION 21, TOWNSHIP 4 NORTH, RANGE 23 EAST, W.M.,
MORROW COUNTY, OREGON

JULY 30, 1983 - OCTOBER 14, 1983

Para. 2.11

JN 1811
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