

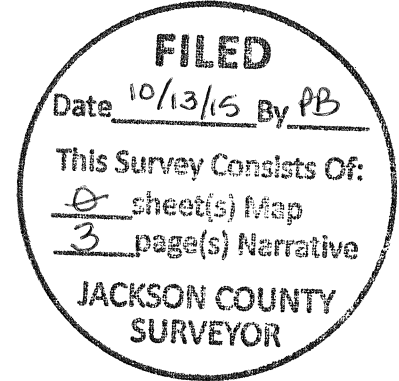
**SURVEY NARRATIVE
IN ACCORDANCE WITH ORS 209.250**

SURVEY FOR:

Jackson County Surveyors Office
10 S. Oakdale Ave., Rm. 318
Medford, OR 97501
541-774-6191

SURVEY BY:

Jackson County Surveyor
Scott Fein, *PLS, CWRE, CFEDS*
10 S. Oakdale Ave., Rm. 318
Medford, OR 97501
541-774-6191
surveyor@jacksoncounty.org

**LOCATION:**

Sections 6, 7 and 18, Township 36 South Range 1 East, W.M., Jackson County, Oregon.

DATE OF SURVEY:

Field work performed between 9/3/14 and 9/25/14.

PURPOSE:

To provide geodetic control on existing PLSS corner monuments as an accessory for re-establishment purposes and to compute possible search positions for missing PLSS corners in the area.

BASIS OF BEARING:

Per OAR 734-005-0015 (3)(k)
Oregon Coordinate Reference System (OCRS) Grants Pass Ashland Zone NAD83(2011) Datum
Zone Definition:
Transverse Mercator Projection NAD83
Latitude of Grid Origin: 41°45'00"N
Central Meridian: 122°20'00"W
False Northing: 0.000 m
False Easting: 50,000.000 m
Central Meridian Scale: 1.000043(exact)

SURVEY METHOD:

Utilizing a Trimble 5600 and S6 Robotic Total Stations, Trimble R6, 5800 GPS, and R8 receivers, Trimble TSC2 data collector running Trimble Survey Controller Software Version 12.42, Trimble TSC3 data collector running Trimble Access Software Version 2.31.202, control

COORDINATES

ID	Northing (Int. Ft.)	Easting (Int. Ft.)	Elevation (Int. Ft.)	Description	Convergence Angle	Northing Error (Int. Ft.)	Easting Error (Int. Ft.)
1	254676.300	322084.041	1439.2	361E 1/4 7-18	0°23'43"	0.027	0.035
2	259986.405	322019.941	1501.5	361E 1/4 6-7	0°23'43"	0.014	0.012
5	257340.915	324704.083	1570.0	361E 1/4 7-8	0°24'07"	-----	-----
15	259226.941	322639.488	1536.3	361E ENE DLC40	0°23'48"	-----	-----
16	254485.074	324605.634	1573.9	361E NE DLC38	0°24'05"	-----	-----
20	259998.010	324676.520	1613.7	361E 5-6-7-8	0°24'07"	0.006	0.006
101	254666.948	319430.201	1410.2	361W+1E 7-12-13-18	0°23'19"	0.046	0.044
102	259971.053	319394.777	1424.8	361W+1E 1-6-7-12	0°23'19"	0.058	0.047
1000	257318.860	319412.550	1423.0	361W+1E 1/4 7-12	0°23'19"	0.050	0.046
1100	261701.140	321609.870	1519.9	361E NNE DLC40	0°23'39"	0.024	0.024

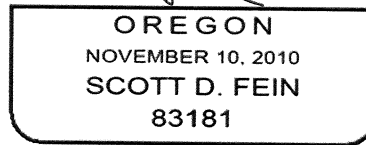
CONTROL STATIONS NAD83 (2011) EPOCH 2010.0

ID	Latitude	Longitude	Height (ft.)	Origin
CTPT	42° 22' 36.08473"N	122° 53' 38.19500"W	1217.110	ODOT
ASHL	42° 10' 50.47299"N	122° 40' 12.55241"W	1998.514	ODOT
NETRS	42° 19' 18.49411"N	122° 52' 39.71378"W	1378.766	JACKSON COUNTY

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was established by positioning found monuments and set temporary points. All field data was processed through Trimble Business Center Version 3.21.

PROCEDURE:

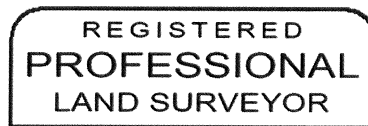
Using static GPS observations the North Northeast corner of Donation Land Claim 40, the North, South, and West One Quarter corners of Section 7, and the Northeast Section corner of Section 7, all in T36S R1E, were directly observed. The East Northeast corner of Donation Land Claim 40, the Northeast corner of Donation Land Claim 38, and the East One Quarter corner of Section 7, all in T36S R1E, were positioned by terrestrial traverses from control points that were statically observed and adjusted through a least squares processing. All static observations were post processed and adjusted in Trimble Business Center. Oregon Department of Transportation CORS stations CTPT and ASHL, Jackson County reference station NETRS and the South Quarter Corner of Section 7 were held as control in the post processing.

DATA:

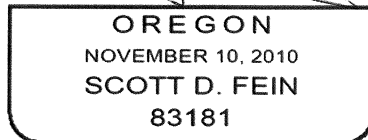
The data from this control survey is being presented in narrative form there is no map. The included table lists points on the Oregon Coordinate Reference System (see Basis of Bearing for Zone Definition) in International Feet. All network static points have been Least Squares adjusted at the 2 Sigma 95% Confidence Level with the error components being shown in the table. Terrestrial points were tied from two separate traverse points set on the adjusted control network but are not part of the network adjustment and may not meet the accuracy requirements of ORS 93.312(2)(e) thus no associated error is shown for these points in the coordinate table and they should not be used as control. Point elevations although shown are not part of the adjustment as no vertical control was tied to this network and they should only be used in a mapping context. The control station geodetic positions are shown in the datum of the original network processing.

Network adjustment reports are included in Jackson County Job File No. 14-20, baseline and point derivation reports are available upon request.

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A handwritten signature in black ink, appearing to read "Scott Fein", written over the signature line of the stamp below.



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