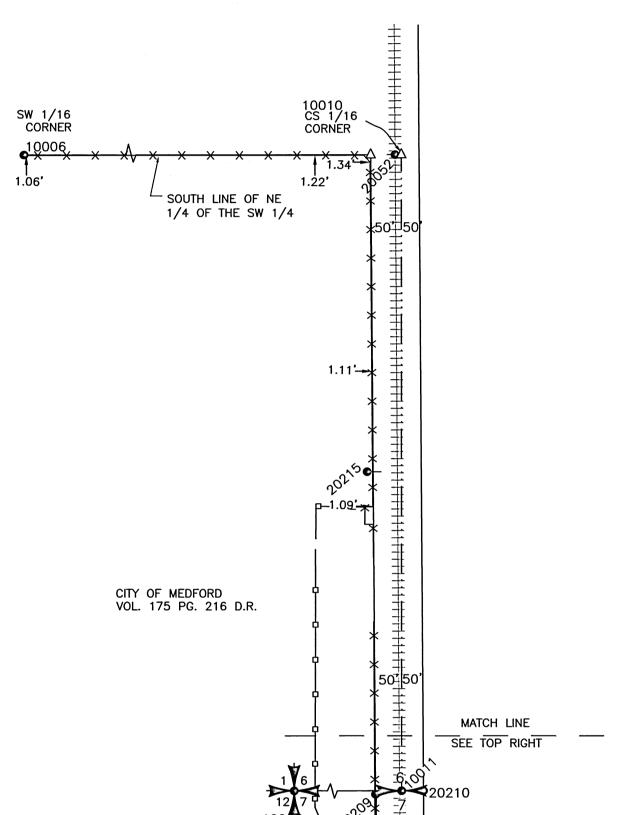


ROGUE VALLEY INTERNATIONAL -MEDFORD AIRPORT

Map of Survey

Located in Sections 6 & 7, T37S, R1W, W.M. City of Medford, Jackson County, Oregon

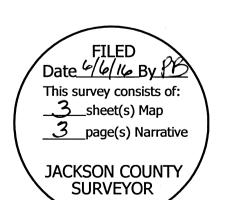


Grid North

Scale: 1"=200'

Basis of Bearings
Per OAR 734-005-0015 (3)(K)
Oregon Coordinate Reference System (OCRS)
Grants Pass Ashland Zone NAD83 (2011) Datum Zone Definition
Transverse Mercator Projection NAD 83
Latitude of Grid Origin: 41°45'00"N
Central Meridian: 122°20'00"W
False Northing: 0.000 m
False Easting: 50,000 m
Central Meridian Scale: 1.000043 (exact)
Mean Project Elevation: 1323.55 ft.





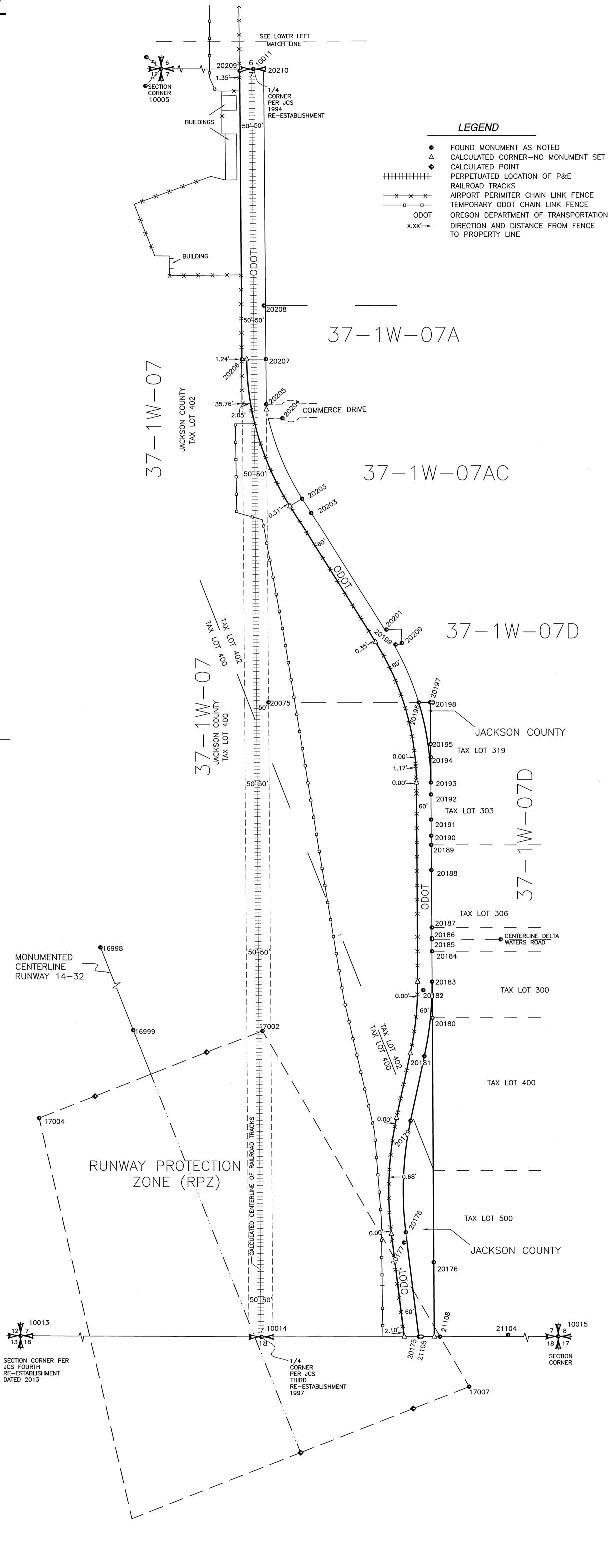
Jackson County Surveyor Scott Fein, PLS, CWRE, CFEDS

10 S. Oakdale Ave., Medford, OR 97501 (541) 774-6191

	,
Field work was performed between: 7/6/15 and 4/26/16	Reviewed By: RLB 4/29/16 SDF 6/2/16
Field Crew: JMH,SMB,BWP	CS Job File: 16-08
Drawn By: BWP 04/28/16	Approved: SDF 6/2/16
AIRPORT SEC 7 040716.dwg	Sheet: 3 of 3
1 1	

T37-1W-07, TAX LOTS 400 & 402

T37-1W-06, TAX LOT 2401



SURVEY NARRATIVE IN ACCORDANCE WITH WITH ORS 209.250

SURVEY FOR:

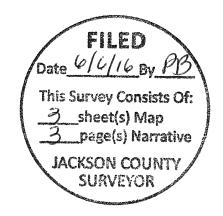
Rogue Valley International-Medford Airport 1000 Terminal Loop Parkway Medford, OR 97504

SURVEY BY:

Jackson County Surveyor's Office 10 S. Oakdale Ave. Rm 318 Medford, OR 97501 541-774-6191 surveyor@jacksoncounty.org

STAFF:

Scott D. Fein, County Surveyor Richard L. Bath, Project Surveyor Steven M. Beecher, Surveying Associate Brian W. Paull, Surveying Associate Joseph M. Hall, Surveying Technician



LOCATION:

West and East Half of Sections 06 & 07 in Township 37 South, Range 1 West of the Willamette Meridian, City of Medford, Jackson County, Oregon.

DATE:

Field work performed between January 2015 and May 2016. Computations and Drafting performed between January 2015 and May 2016.

SURVEY METHOD:

Utilizing Trimble R6 and R8 receivers, Trimble S6 and S7 Robotic Total Stations and Trimble TSC3 data collector running Trimble Access Software Version 2.80.200, control was established on found monuments or set temporary points. All field data was processed through Trimble Business Center Version 3.61 with reduced data being transferred to Carlson 2015 and Traverse PC V. 2015 for computations and drafting.

Basis of Bearing: OCRS Grants-Pass Ashland Zone; Grid North as derived from Geodetic North per the NAD 83(2011) Epoch 2010.00 Datum. Meridian Convergence Angle Project Average = 0°18'30".

SURVEY MEASUREMENT & DATA PROCESSING PROCEDURE:

All found monuments were positioned by direct Static GPS observation or by terrestrial traverse from temporary control points positioned from Static GPS observation. All static observations utilized a combination of the ORGN CORS stations "CTPT", "ASHL" and Jackson County Surveyor CORS station "NETRS" to produce a network solution on each point or group of points. The CORS stations were held fixed (NAD83(2011) Epoch 2010.0) as control and a fully constrained least squares adjustment was performed on the resulting baselines to the points in Trimble Business Center to certify positional tolerances of +/- 0.10 IFT at the 2 sigma 95% confidence interval. The points were output as Oregon Coordinate Reference System Grants Pass Ashland Zone (per OAR 734-005-0015(3)(k) International Foot Coordinates. Found monuments that could not be directly observed were tied by terrestrial traverse from two temporary control points. Positions for monuments utilizing reference monuments or witness corners were calculated in Carlson Survey 2015 from the associated adjusted Static GPS control coordinates.

Narrative abbreviations:

D.R. = Deed Records; O.R. = Official Records; P&E = Pacific and Eastern; FS = Filed Survey Number; RPZ = Runway Protection Zone; ODOT = Oregon Department of Transportation; Vol. xxx Pg. xxx = Volume and Page of D.R.; Doc. No. = Document Number; R.V.I.A. = Rogue Valley International-Medford Airport; COM = City of Medford; Pt. No. = Point Number.

PURPOSE:

The initial purpose of this project was to determine the perimeter boundary of the Jackson County property known as the Rogue Valley International-Medford Airport. In August 1970 the COM conveyed "all property owned by grantor in fee simple" to Jackson County using a blanket description per Doc. No. 70-12687 O.R. In April 1971, per Doc. No. 71-03154 O.R., the COM tried to redeem themselves by describing the real property "as accurately as possible" and thereby "clarifying the intent of the description" previously recorded in Doc. No. 70-12687 O.R. The resulting metes and very little bounds description per Doc. No. 71-03154 only continued the ambiguity in that the last call in said description reads as follows: "Excepting therefrom the portion in the Medco logging road, Public roads and certain other exceptions contained in the attached title report." A thorough investigation into both the COM and Jackson County records and local title companies found no copy of said title report. Since there was no certainty in what property was actually conveyed, a thorough title investigation and deed research will be necessary for each portion of the County's property that will be surveyed.

The specific purpose of this survey in Section 07 is to survey and mathematically determine the location of lands owned by Jackson County, Oregon in the East Half of Section 07 as well as in the eastern portion of the West Half of Section 07. This review included lands owned by the City of Medford prior to 1970 and include: V.175 P.216, V.175 P.217, V.175 P.218 (Re: V.154 P.282), V.175 P.219, V.177 P.354-356, V.234 P.259, and V.435 P.483, of the Deed Records and 68-08471, 68-08472, and 69-08797 of the Official Records. Also, V.316 P.376 D.R. describes lands quitclaimed from the United States of America to the COM.

Other deeds or documents used to determine the subject boundary lines were: 66-09210, 66-10139, 68-08472, 85-08586, 85-19778, 85-19779, and Parcel 4 of 96-15443 all of the O.R.

Boundary Line Agreements 84-16832 and 84-17187 determine the Eastern boundary of the subject property in the South Half of Section 07.

Based on a thorough analysis of all documents listed above, the boundary line described in Doc. No. 85-19779 controls the western right of way line of the commonly known "Medco Haul Road." The location of the western right of way line of Medco Haul Road as described in Parcel 4 of 96-15443 O.R. is coincident with the eastern boundary of said strip of land described in Doc. No. 85-19779 O.R. All other deed references become secondary and subject to the boundary and right of way lines described in Doc. Nos. 85-19779 and Parcel 4 of 96-15443 O.R.

LAND TITLE ANALYSIS & BOUNDARY RESOLUTION PROCEDURE:

South Boundary of County Property:

The south line of Section 07 is controlled by Point Nos. 10013, 10014, and 10015 being found Gov't Corners as described on the attached map of survey.

The north line of Section 07 is controlled by Point Nos. 20025, 20026, and 10011 being reference monuments and witness corners to found Gov't Corners as described on the attached map of survey.

The south of the NE ¼ of the SW ¼ of section 6 is controlled by Point Nos. 10006 and 10010 being Gov't Corners as described on the attached map of survey.

P&E (Pacific and Eastern) Railroad:

For a complete analysis of the location of the 100 foot wide strip of land refer to the narrative for Filed Survey No. 21945. A slight adjustment in the centerline of the track location as shown on FS 21945 is due to found monuments per FS 7541 and 10110 which better represented the location of the subject right of way in Section 07 at the time of said filed surveys.

East Boundary of County Property:

(Eastern line of Tax Lot 400 and a portion of Tax Lot 402, 37-1W-07)

Filed Survey Nos. 10078 and 10079 were completed by County Surveyor Edward McGinty in 1984. The two surveys were used to prepare appropriate Boundary Line Agreement documents 84-16832 O.R. (FS 10078) and 84-17187 (FS 10079). Monuments were tied along this entire agreement boundary line in order to finalize the agreement line location as shown on the attached map. At the south end of the agreement line, monuments found per FS 20233 are shown out of record position based on ties to the South ¼ corner of Section 07. Since there is no reasonable explanation for these errors in their found positions, the Point of Beginning of the BLA 84-17187 was calculated on the south line of Section 07 at the deed record position of 719.41 feet east of said South ¼ corner. The resulting location of the Boundary by Agreement running northerly from said Point of Beginning compared remarkably well with existing monuments found along said agreement line as shown in the Found Monuments table.

"Medco Haul Road" right of way per Doc. Nos. 85-19778, 85-19779, & Parcel 4 of 96-15443 O.R.:

A review of FS 10110 completed by Edward McGinty, County Surveyor, in October 1984 found that the surveyed and monumented alignment for the Relocated Medco Haul Road is the basis for said road right of way location. In McGinty's narrative he states that previous descriptions used to describe right of way locations were in error because they referenced the North-South centerline of Section 07 as being the centerline of the 100 foot right of way of the P&E Railroad. He details on his map of survey his findings, and the mathematics that he shows for all the curve data is impeccable. Deeds described in Doc. Nos. 85-08586, 85-19778 and 85-19779 were a direct result of said FS 10110. With this in mind the 60 foot right of way alignment for said road was calculated holding the original monument found at Station 19+39.16 (FS 10110 and Pt. No. 20193) and rotating said survey to the established bearing along the Agreement lines from S 00°02'31" E to S 00°21'06" E. This resulted in only 0.01' difference in ties to the south line of Section 07. Regarding the road alignment in the North Half of Section 07, a slight angular rotation of 00'04" clockwise was applied to the bearings in order to better fit monuments at Pt. Nos. 20196 and 20197. The 00'04" angular adjustment is shown in curve C6. The relative locations of other found monuments along said alignment are shown in the Found Monument table.

FUTURE ODOT RIGHT OF WAY ADJUSTMENTS:

No monuments have been set on this survey due to the pending construction along the subject road alignment. Additional right of way acquisitions, adjustments and easements either have been or will be created by ODOT. This map of survey is intended to show the current boundaries of Jackson County property, found monuments, and describe the methods used to determine deed boundary locations. Analysis of ODOT proposed land exchanges and acquisitions has been completed, though is not finalized at this time as ODOT's monument recovery and right of way survey has not been completed at this time; a necessary item as the ODOT surveyed centerline alignment is the basis for any land exchanges and acquisitions between Jackson County and ODOT.

Subsequent to this survey and completion of the Highway 62 Bypass project right of way acquisitions; all resultant property configurations shall be surveyed and monumented. Property lines of the Airport boundary will be marked in the field by the County Surveyor for security fencing requirements.

Prepared By: Scott Fein, *PLS*, *CWRE*, *CFEDS* Jackson County Surveyor

REGISTERED PROFESSIONAL LAND SURVEYOR

OREGON NOVEMBER 10, 2010 SCOTT D. FEIN 83181

Renews 12/31/20/7

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