

**SURVEY NARRATIVE  
TO COMPLY WITH ORS 209.250**

**SURVEY FOR:**

Jackson County  
10 S. Oakdale Ave.  
Medford, OR 97501

**SURVEY BY:**

Jackson County Surveyor's Office  
10 S. Oakdale Ave. Rm. 318  
Medford, OR 97501

**LOCATION:**

NE ¼ of Section 30, T37S, R1W, W.M.

**DATE OF SURVEY:**

February 2016 through September 2017

**PURPOSE OF SURVEY:**

The purpose of this survey was to establish and record a geodetic control network to serve in the mapping and boundary determination of a lot purchased by Jackson County for Health and Human Services facility improvements. Due to lack of funding, this project was never completed. The boundary and street centerlines were never fully resolved, but resultant geodetic control points remain at or near the physical centerline of Portland Street and East Main Street. This narrative serves to record the description and position of said control points in accordance with ORS 209.250 (8).

**BASIS OF BEARING:**

Grid North per Oregon Coordinate Reference System (OCRS), Grants Pass-Ashland Zone (OAR 734-005-0015), being projected onto NAD83 (2011), epoch 2010.00.  
Latitude of Origin: 41°45'00" North  
Central Meridian: 123°20'00" West  
False Northing: 0 Meters  
False Easting: 50,000 Meters  
Central Meridian Scale: 1.000043 (exact)

**PROCEDURE:**

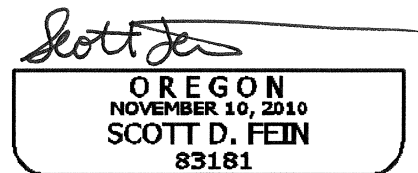
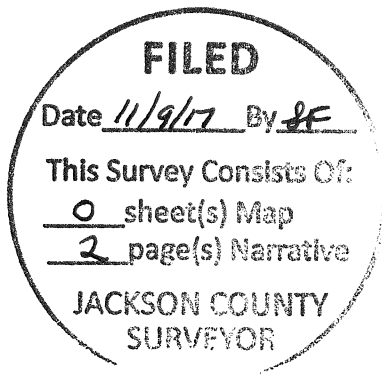
Temporary control points were set and established by GNSS observation. A closed loop terrestrial traverse was performed, resulting in permanent control monuments, corresponding with labels PDX and EMP, as found on the attached point table. Rinex files were post-processed against the Oregon Department of Transportation's continually

operating reference stations (CORS) ASHL and CTPT, and the Jackson County Surveyor's office NETRS station. These positions were held horizontally constrained in a least-squares adjustment at the 95% confidence level. The resultant coordinates are given in OCRS values, in international feet.

**EQUIPMENT USED:**

Field work was performed using Trimble R8 GNSS Receivers, S6 Total Station, and a TSC3 Data Collector with Access software version 3.10.102. Data processing was performed using Trimble Business Center version 3.90.

POINT ID	NORTHING	EASTING	DESCRIPTION
PDX	210219.776	291588.473	5/8" X 24" REBAR WITH 2 INS. DIAM. ALUMINUM CAP MKD: "PDX"
EMS	210955.971	291582.812	5/8" X 24" REBAR WITH 2 INS. DIAM. ALUMINUM CAP MKD: "EMS"



Renews 12/31/2017