

GEODITIC CONTROL SURVEY REPORT

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Prepared for: Thomas/Wright, Inc.
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November 3, 2005

This survey was performed at the request of Kathleen Thomas, P.E., on behalf of Thomas/Wright, Inc. The purpose of this survey was to establish horizontal and vertical coordinates on certain control points set by Thomas/Wright, Inc. in conjunction with this project. Two control points were set near Prairie City, Oregon and two control points were set near the Middle Fork of the John Day river on County Road No. 20. These points and their locations are described below in this report.

Static GPS measurements to these control points were made using four Leica system 530 receivers.

In order to establish the geodetic coordinates for the new control points discussed herein, I constrained the network to the current published geodetic 1983(98) coordinate values for station "Ogilvie" and station "D 706". The coordinate values for stations "Ogilvie" and "D 706" were obtained from NGS data sheets QC1049 and PA0652, respectively.

The maximum 95% confidence region errors were +/- 0.02 feet in latitude and 0.03 feet in longitude with respect to the constrained points.

Geoid model Geoid 99 and reference ellipsoid WGS 84 were used.

RECEIVED AND
FILED

NOV. 8, 2005

OFFICE OF COUNTY SURVEYOR
Attest: Michael C. Springer

REGISTERED
PROFESSIONAL
LAND SURVEYOR

Michael C. Springer

OREGON
JULY 9, 2002
MICHAEL C. SPRINGER
#70918

EXPIRES: 6/30/2006