

NW 1/4 SEC. 26 T.13 S. R.31 E. W .M.

LEGEND

- FOUND MONUMENT
- ✕ SET HUB AND TACK
- EDGE PAVE. OR CURB
- x- FENCE

NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO ESTABLISH NETWORK AND MAPPING FOR THE MAIN STREET LEFT TURN REFUGE AT FORD ROAD, ON THE JOHN DAY HIGHWAY FROM MILEPOST 162.00 TO MILEPOST 162.15.

THE SURVEY CREW CONSISTED OF CHUCK LONGFIELD, BRENT REYNOLDS, AND JOEL ESTRADA. THE CREW STARTED THE FIELDWORK ON OCTOBER 25, 1999 AND COMPLETED IT ON NOVEMBER 18, 1999. THIS SURVEY TOOK PLACE IN TOWNSHIP 13 SOUTH; RANGE 31 EAST; SECTION 26. THE CONTROL POINTS USED WERE FROM A PREVIOUS ODOT NETWORK, GRANT COUNTY SURVEY NO. 1399. THE ADJUSTED COORDINATES FROM THAT SURVEY WERE USED. THOSE COORDINATES WERE BASED ON A LOCAL COORDINATE SYSTEM THAT COMES FROM GRANT COUNTY SURVEY NO. 1042.

NETWORK POINT 18 IS A FOUND PK NAIL FROM GRANT COUNTY SURVEY NO. 1399.

NETWORK POINTS 19 & 20 ARE FOUND 760 MM LONG X 15 MM DIAMETER REBAR WITH ALUMINUM CAPS FROM GRANT COUNTY SURVEY NO. 1399.

THIS SURVEY USED EXISTING MONUMENTS FROM GRANT COUNTY SURVEY NO. 1399. THE NORTHING AND EASTING COORDINATES WERE CONVERTED TO METRIC USING THE CONVERSION FACTOR OF 3.280833 FROM THE SURVEY.

THE VERTICAL DATA FOR THIS PROJECT WAS OBTAINED FROM BENCH MARK G-34, ELEVATION 940.076 LOCATED ON THE NORTH SIDE OF MAIN STREET, AT THE KNOX DEPARTMENT STORE. IN THE SW CORNER OF THE BLDG. IN THE STONE FOUNDATION AND IN THE SECOND STONE ABOVE THE SIDEWALK.

THE DATA WAS OBTAINED, EDITED AND CONVERTED TO A TERRAIN MODEL BY LISCAD (4.1).

THE EQUIPMENT USED ON THIS PROJECT WAS A TCA 1800 (98-TS10), AND A LEICA LEVEL NA2002.

LINE TABLE

AT	TO	DISTANCE	BEARING	RECORD DISTANCE	RECORD BEARING
18	19	189.740 m	N 80°05'45"W	189.751 m	N 80°05'45"W
19	20	152.890 m	N 37°16'45"W	152.897 m	N 37°16'45"W
19	500	15.657 m	N 49°09'57"W	NONE	NONE
19	501	18.737 m	N 57°27'18"W	NONE	NONE
19	502	68.937 m	N 34°36'33"W	NONE	NONE
20	500	137.606 m	S 35°56'09"E	NONE	NONE

NETWORK POINT COORDINATE TABLE

PT ID	NORTHING	EASTING	DESCRIPTION
18	5938.622	6634.976	FND PK IN SIDEWALK
19	5971.259	6448.054	FND OSHD ALUMINUM CAP WITH "PT 19"
20	6092.920	6355.443	FND OSHD ALUMINUM CAP WITH "PT 20"
500	5981.500	6436.204	FND PK ON BRIDGE DECK
501	5981.339	6432.259	SET HUB AND TACK BELOW BRIDGE
502	6027.998	6408.899	SET HUB AND TACK BEHIND SIDEWALK

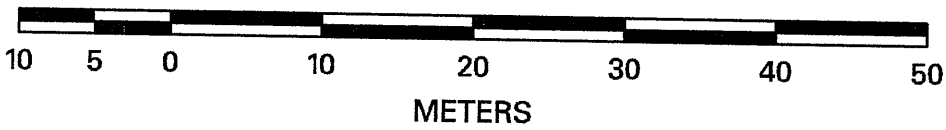
REGISTERED
PROFESSIONAL
LAND SURVEYOR

K. W. Eddy
OREGON
JULY 01, 1970
KEN W. EDDY
2129

EXPIRES 12/31/01



SCALE 1:500



TO CONVERT METERS TO FEET DIVIDE BY 0.3048

OREGON DEPARTMENT OF TRANSPORTATION

HORIZONTAL CONTROL AND RECOVERY MAP

MAIN STREET LEFT TURN REFUGE

JOHN DAY

GRANT COUNTY

FOR O.D.O.T. REGION 5 80788 KIK RD., HERMISTON, OR 97838

APRIL 20, 2000

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