

# T. 26 S. R. 6 W. W.M., SEC. 24, NE 1/4



FILED  
 Date: 6/13/2000 By: JP  
 This survey consists of: 2 Pages  
 Map: M/35-2B  
 Narrative: \_\_\_\_\_  
 Corner Ppt: \_\_\_\_\_  
 DOUGLAS COUNTY SURVEYOR JP

## NARRATIVE

THE PURPOSE OF THIS SURVEY WAS TO ESTABLISH HORIZONTAL CONTROL FOR THE WEIGH IN MOTION - GREEN LIGHT PROJECT. THE COORDINATE SYSTEM USED FOR THE SURVEY IS BASED ON NGS HARN POINTS, ROSEBURG CBL 1440, DARLEY, LEE, AND DAWNA. THE GPS DATA WAS COLLECTED USING LEICA 299 AND 399 RECEIVERS. THE DATA WAS PROCESSED USING LEICA'S SKI PRO (VER.1.1) PROCESSING SOFTWARE. THE NGS HARN POINTS WERE CONSTRAINED AND CONTROL POINT AKIN2 WAS ADJUSTED AS A HARN TIE. THE RESULTING GEODETIC COORDINATE WAS TRANSFORMED INTO OREGON STATE PLANE COORDINATE SYSTEM OF 1983.

AKIN2 WAS SET DURING THIS SURVEY AND DOES NOT REPRESENT PROPERTY LINES OR R/W LINES. WORK WAS COMPLETED IN NOVEMBER 1998.

COUNTY SURVEYORS FILE DATA  
 DO NOT REMOVE FROM OFFICE

## SET MONUMENT GEODETIC & STATE PLANE COORDINATES WITH ELLIPSOIDAL ELEVATION AND RESIDUALS

PT#	LATITUDE	LONGITUDE	ELEV.	RESIDUALS (IN METERS) AT 3 SIGMA			STATE PLANE COORDINATES		MONUMENT DESCRIPTION
				LATITUDE	LONGITUDE	ELEVATION	NORTHING	EASTING	
AKIN2	45° 17' 45.60825" N	123° 21' 06.27670" W	133.252	0.021	0.015	0.036	184930.002	1268653.948	3 INCH BRASS DISK SET IN 12" X 12" CONCRETE, FLUSH WITH THE GROUND.

## NGS HARN VALUES USED

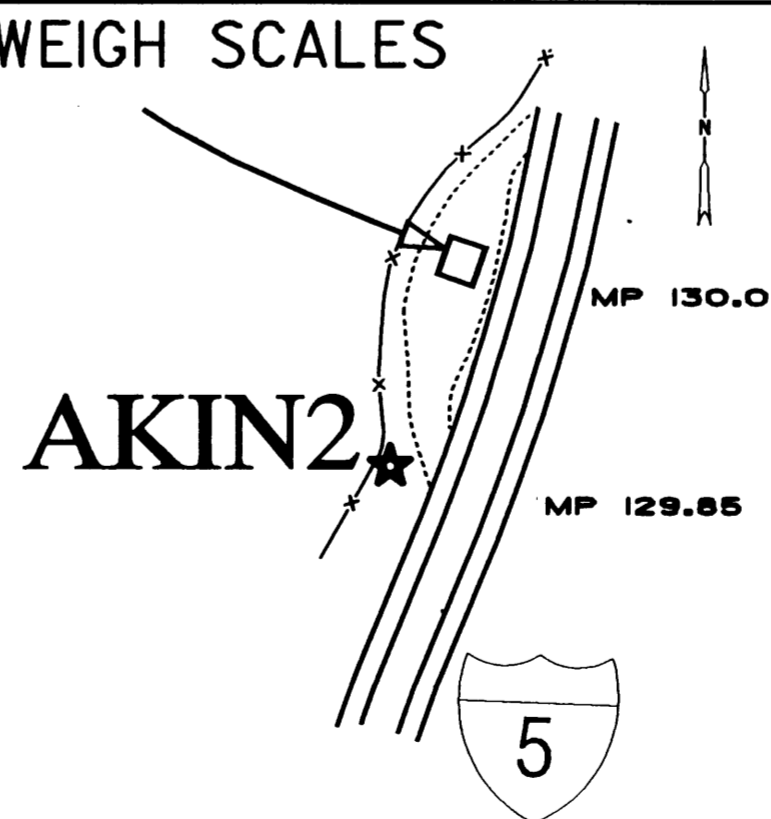
PT#	LATITUDE	LONGITUDE	ELEV.	NGS DATA SHEET
ROSEBURG CBL	43° 14' 44.10722" N	123° 21' 18.97548" W	140.89	PC1116
DARLEY	43° 14' 32.67574" N	123° 23' 33.69244" W	139.27	A11991 NAD 83/91
DAWNA	43° 18' 10.20858" N	123° 08' 39.45802" W	181.52	AA5131 NAD 83/91
LEE	43° 25' 17.32551" N	123° 19' 10.72444" W	125.95	AA5130 NAD 83/91

## TO REACH DESCRIPTION

MONUMENT IS LOCATED WEST OF I-5, APPROXIMATELY 1 METER EAST OF THE R/W FENCE, AT MP 129.85, AND 200 METERS (APPROXIMATELY) SOUTH OF ODOT WEIGH SCALES WHICH ARE AT MP 130.03, AND WEST OF THE SOUTH BOUND LANES. THE MONUMENT IS A 3 INCH BRASS DISK SET IN CONCRETE AND IS STAMPED "OREGON D.O.T. GEODETIC CONTROL PT. AKIN2 1998."

THE MONUMENT IS ON PUBLIC PROPERTY, PERMISSION IS NOT NEEDED TO ACCESS.

## ODOT WEIGH SCALES



REGISTERED PROFESSIONAL LAND SURVEYOR  
 Wade B. Ansell  
 OREGON  
 JUNE 30, 1997  
 WADE B. ANSELL  
 02837LS  
 EXPIRES: DEC. 31, 2001

TO CONVERT METERS TO FEET DIVIDE BY 0.3048

## OREGON DEPARTMENT OF TRANSPORTATION

GEODETIC SURVEY REPORT

GREEN LIGHT PROJECT

DOUGLAS COUNTY

FOR ODOT GEOMETRONICS

200 HAWTHORNE AVE. NE, SUITE B250 SALEM, OR. 97301

16 MAY, 2000

SHEET 2 OF 2

ST. HWY. 15-008B

MAP FILE M/35-2B

MAP FILE M/35-2B