

FILED
 Date: 8-29-2006 By: JC
 This survey consists of:
 Map: ST HWY 38-014
 Narrative:
 Corner Rpt:
 DOUGLAS COUNTY
 SURVEYOR

RECORD OF SURVEY
NE 1/4 & NW 1/4 SEC. 14, T.22S., R.7W., W.M.
SE 1/4 SEC. 15, T.22S., R.7W., W.M.
NE 1/4 & NW 1/4 SEC. 22, T.22S., R.7W., W.M.
DOUGLAS COUNTY, OREGON

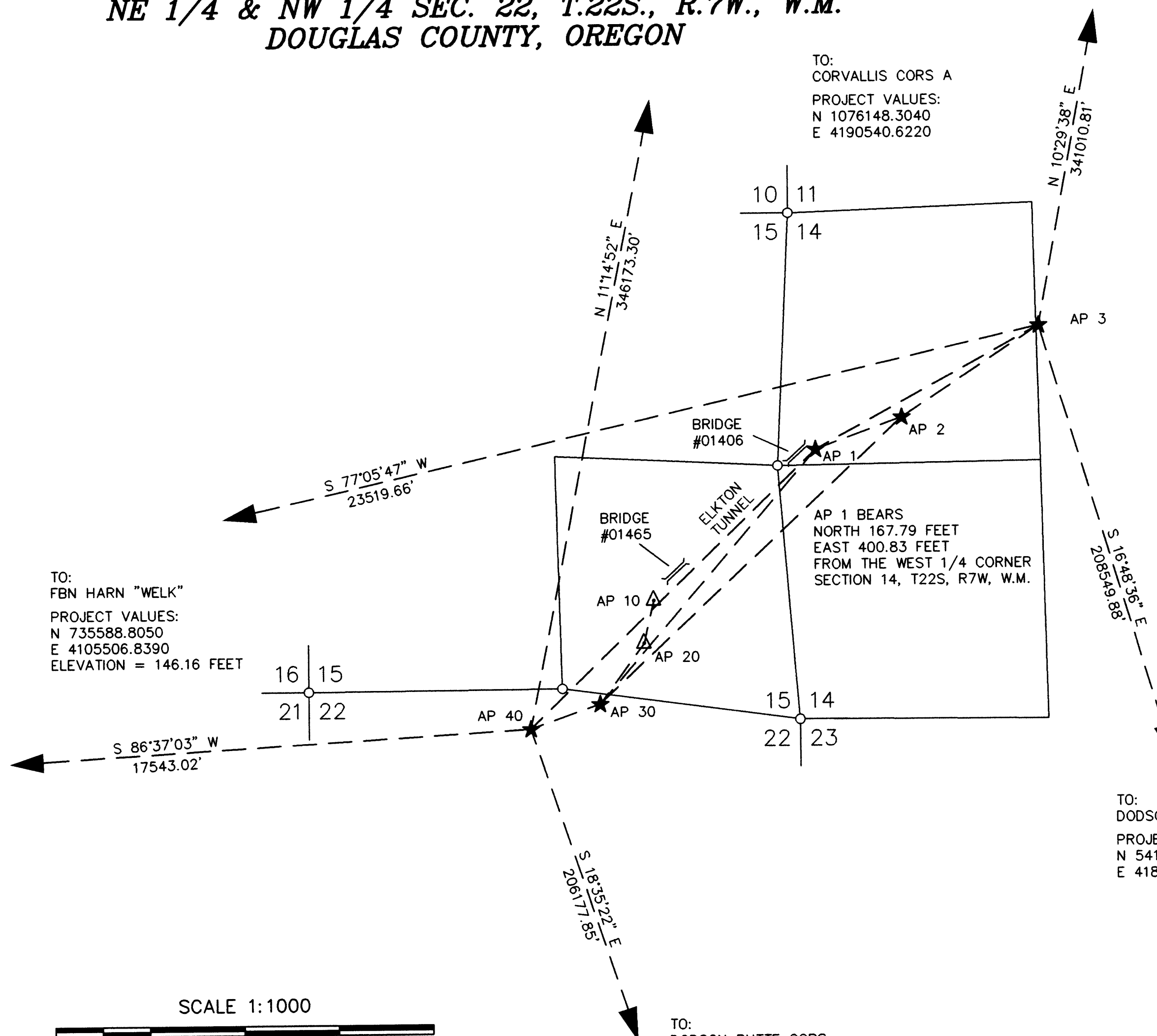
NARRATIVE:

THE PURPOSE OF THIS SURVEY WAS TO PROVIDE FOR PERMANENT SURVEY CONTROL MONUMENTATION IN ANTICIPATION AT THE SO STATED BRIDGE RE-CONSTRUCTION PROJECT LOCATIONS. THE SURVEY WAS MADE AT THE REQUEST OF OREGON BRIDGE DEVELOPMENT PARTNERS AS AN OTIA/ODOT PROJECT.

SET MONUMENTS, AS NOTED, WERE TIED TO GPS HARN CONTROL POINTS OR CORS STATIONS, AS NOTED, BY STATIC GPS METHODS. THESE MONUMENTS DO NOT DELINEATE RIGHT OF WAY OR OWNERSHIP. THE SURVEY WAS PERFORMED IN INTERNATIONAL FEET DURING JULY OF 2006. EQUIPMENT USED WERE TRIMBLE DUAL AND SINGLE FREQUENCY RECEIVERS. MONUMENTS SET ARE AS NOTED ALL AT OR 0.2 FEET BELOW GRADE AND STABILIZED WITH A CONCRETE COLLAR.

THIS SURVEY UTILIZES A LOCAL DATUM PLANE (LDP) COORDINATE SYSTEM WHICH IS RELATIVE TO THE OREGON STATE PLANE COORDINATE SYSTEM, SOUTH ZONE - NAD 83 DATUM WITH RESPECT TO LOCAL LATITUDE AND GROUND ELEVATION. LDP DISTANCES SHOWN REPRESENT TRUE GROUND DISTANCES. TO CONVERT THE LDP COORDINATES TO THE OREGON STATE PLANE SYSTEM, SOUTH ZONE - NAD 83, MULTIPLY THE COORDINATE VALUES BY A COMBINED FACTOR OF 0.999925598 ABOUT THE PROJECT SELECTED CENTROID POINT AT AP 1. ELEVATIONS WERE ESTABLISHED BY TRANSFER OF PUBLISHED ELEVATIONS FROM THE STATED GPS CONTROL. BASIS OF ELEVATIONS BY GPS TRANSFER FROM "WELK" AS PUBLISHED BASED ON NAVD 1988 USING NGS GEOID 2003.

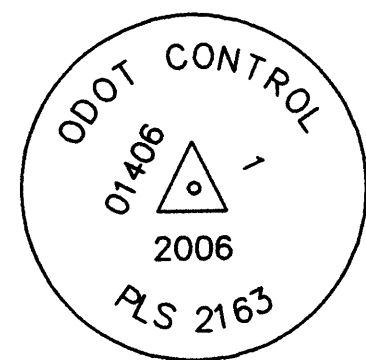
TO:
 CORVALLIS CORS A
 PROJECT VALUES:
 N 1076148.3040
 E 4190540.6220



TO:
 FBN HARN "WELK"
 PROJECT VALUES:
 N 735588.8050
 E 4105506.8390
 ELEVATION = 146.16 FEET

TO:
 DODSON BUTTE CORS
 PROJECT VALUES:
 N 541202.7900
 E 4188745.2300

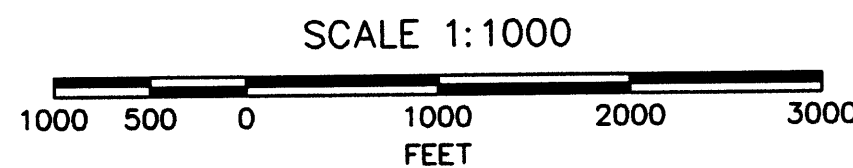
TO:
 DODSON BUTTE CORS
 PROJECT VALUES:
 N 541202.7900
 E 4188745.2300



TYPICAL 1-1/2" BRASS CAP WITH MARKINGS FOR BRIDGE NO. ANGLE POINT IDENTIFIER, AND DATE

LEGEND

- △ SET NETWORK POINT
- ★ SET GPS PRIMARY CONTROL POINT
- △-★ LINES OF OBSERVATION



CONTROL POINT MONUMENT LISTING

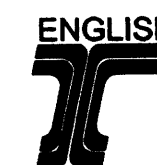
CONTROL POINT	LDP NORTHING	LDP EASTING	DATE	DESCRIPTION
AP 1	N 739552.821	E 4126059.133	6/29/06	SET: 5/8" X 36" IRON ROD WITH 1-1/2" BRASS CAP INSCRIBED "01406 - 1 PLS 2163 2006"
AP 2	N 739885.851	E 4126976.024	6/29/06	SET: 5/8" X 36" IRON ROD WITH 1-1/2" BRASS CAP INSCRIBED "01406 - 2 PLS 2163 2006"
AP 3	N 740841.047	E 4128432.549	6/29/06	SET: 5/8" X 36" IRON ROD WITH 1-1/2" BRASS CAP INSCRIBED "01406 - 3 PLS 2163 2006"
AP 10	N 737973.417	E 4124333.290	6/29/06	SET: 5/8" X 36" IRON ROD WITH 1-1/2" BRASS CAP INSCRIBED "01465 - 1 PLS 2163 2006"
AP 20	N 737522.812	E 4124226.702	6/29/06	SET: 5/8" X 36" IRON ROD WITH 1-1/2" BRASS CAP INSCRIBED "01465 - 2 PLS 2163 2006"
AP 30	N 736880.407	E 4123754.439	6/29/06	SET: 5/8" X 36" IRON ROD WITH 1-1/2" BRASS CAP INSCRIBED "01465 - 3 PLS 2163 2006"
AP 40	N 736623.894	E 4123019.291	6/29/06	SET: 5/8" X 36" IRON ROD WITH 1-1/2" BRASS CAP INSCRIBED "01465 - 4 PLS 2163 2006"

ASSESSORS MAP No. 22-07-14 TAX LOT #200
 ASSESSORS MAP No. 22-07-15 TAX LOT #200
 ASSESSORS MAP No. 22-07-22 TAX LOT #500 & #600

REGISTERED PROFESSIONAL LAND SURVEYOR

DAVID H. WELLMAN
 OREGON JULY, 1985
 DAVID H. WELLMAN
 2163

RENEWAL 6/30/08



D. WELLMAN SURVEYING L.L.C.
 90686 NORTHROP DRIVE
 EUGENE, OR 97402 (541) 984-1442

BRIDGE RECONSTRUCTION CONTROL SURVEY
SECTIONS 14, & 15, T22S, R7W, W.M.
HIGHWAY 38: BRIDGES 01406 & 01465

FOR OREGON BRIDGE DEVELOPMENT PARTNERS

8/22/06

COUNTY: DOUGLAS COUNTY, OREGON SCALE: 1" = 1000'

BUNDLE: 401 BRIDGE: 01406 & 01465 SHEET 1 OF 1

DRAWN BY: DHW CHK'D BY: D. WELLMAN FILE NO. DWS\DBDP 01406