

RECORD OF SURVEY
CONTROL MONUMENTATION MAP
LOCATED WITHIN
T.16 N., R.17 W., & T.17 N., R.17 W., &
T.18 N., R.17 W., M.D.B.&M.
MENDOCINO COUNTY, CALIFORNIA
STATE HIGHWAY 1 PM 48.07-62.33

SURVEYOR'S STATEMENT

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYORS' ACT AT THE REQUEST OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION (CALTRANS) IN DECEMBER 2009.



Randy G. Haralson
RANDY G. HARALSON
LICENSE EXPIRATION DATE: 12-31-2013
NORTH REGION OFFICE OF SURVEYORS
DISTRICT 1 SURVEY SUPPORT, UKIAH

SURVEYOR'S NOTES

1. HORIZONTAL CONTROL FOR THIS SURVEY WAS CONSTRAINED TO THE FOLLOWING CCS83 (2004.69), ZONE 2, US SURVEY FEET MONUMENTS AS PUBLISHED BY THE NATIONAL GEODETIC SURVEY.

STATION	(PID)	LATITUDE	LONGITUDE	ELLIP HEIGHT
1 MEN 47.83	(DH6308)	39° 16' 18.29016"	123° 47' 25.11244"	-11.21
HPGN D CA 01 ED	(KT2303)	39° 18' 37.95806"	123° 47' 49.44743"	24.72
1 MEN 55.35	(DH6311)	39° 21' 56.24626"	123° 48' 37.36711"	24.14
1 MEN 59.95	(DH6077)	39° 25' 20.10162"	123° 48' 28.62069"	2.26
1 MEN 64.53	(DH6315)	39° 29' 02.62102"	123° 47' 28.85160"	-8.86

2. THIS SURVEY WAS PERFORMED IN COMPLIANCE WITH THE CALTRANS SURVEY MANUAL CHAPTERS 6, 7 AND 10.

3. CONTROL WAS SET FOR FUTURE WORK ON THE FOUR BRIDGE PROJECT REFERENCE E.A. 43480, SR 2012-086. FIELD WORK FOR THIS CONTROL BEGAN IN NOVEMBER, 2012 AND ENDED DECEMBER, 2012.

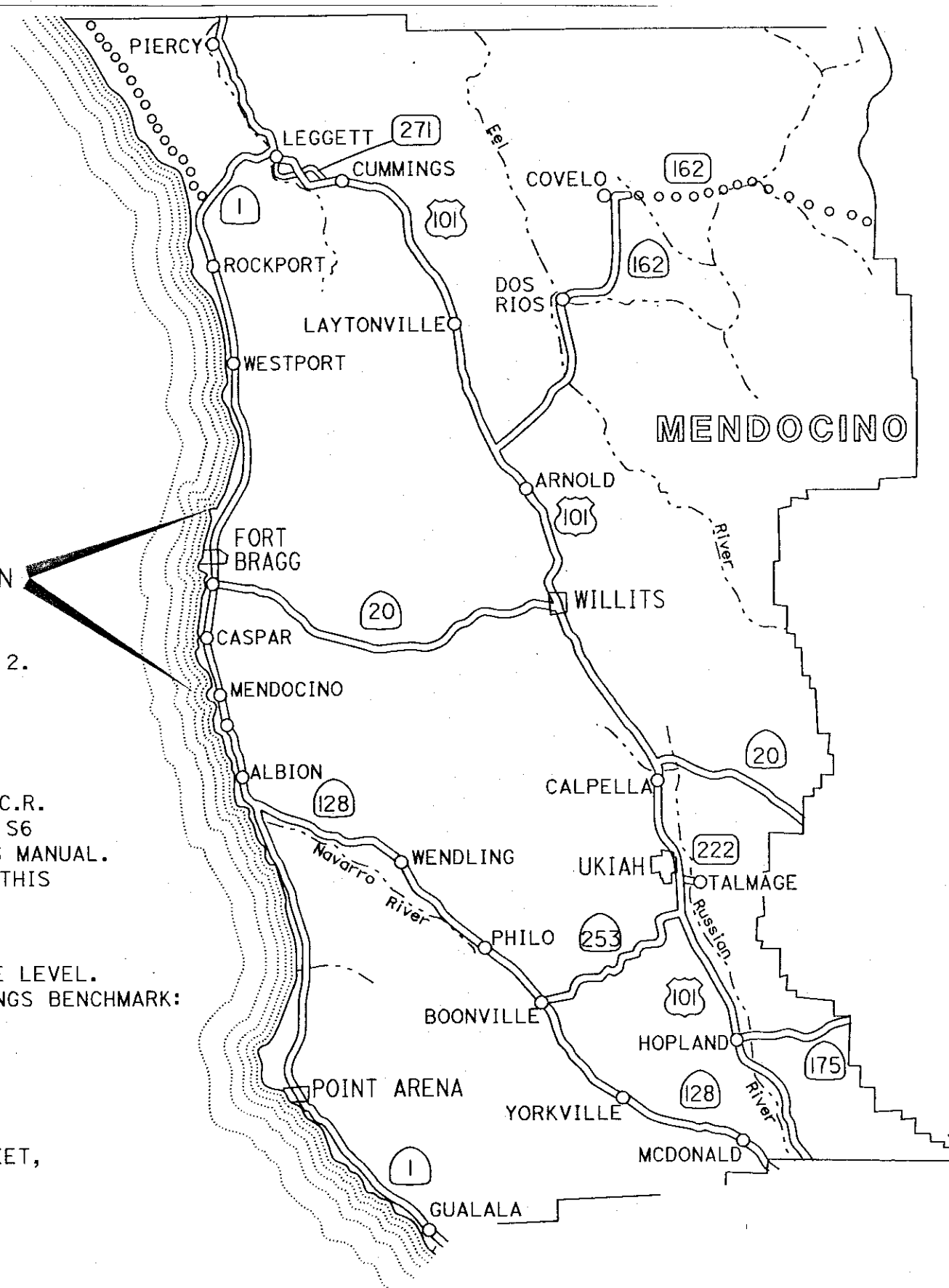
4. THIS CONTROL WAS SURVEYED WITH FAST STATIC PROCEDURES, USING TRIMBLE R8 RECIEVERS. INCORPORATING THE PLATE BOUNDARY OBSERVATORY POINTS NAMED "P185" AND "P187". THE VALUES FOR THE PLATE BOUNDARY OBSERVATORY CORS STATIONS COME FROM MAPS, DRAWER 81, PAGE 94, M.C.R. THESE POINTS WERE ALSO HELD FOR CONTROL. CONVENTIONAL TRAVERSE METHODS USING A TRIMBLE S6 WERE ALSO EMPLOYED TO BRING THE PROCEDURE WITHIN THOSE REQUIRED BY THE CALTRANS SURVEYS MANUAL. TRIMBLE BUSINESS CENTER (TBC) VERSION 2.81 WAS USED TO PRODUCE THE COORDINATES SHOWN IN THIS SURVEY BY LEAST SQUARES ADJUSTMENT.

5. NAVD88 ELEVATIONS WERE ESTABLISHED BY DIFFERENTIAL LEVELING USING A TRIMBLE DINI BAR CODE LEVEL. ELEVATIONS, ADJUSTED WITH TRIMBLE BUSINESS CENTER V.2.81, ARE BASED UPON THE FOLLOWING NGS BENCHMARK:

NAME	(PID)	ELEVATION	MONUMENT CHARACTER
W 1438	(KT2228)	106.94	STAINLESS STEEL ROD IN CASE STAMPED "W 1438 1988"

6. A PROJECT REPORT IS AVAILABLE AT THE CALTRANS DISTRICT OFFICE LOCATED AT 1656 UNION STREET, EUREKA, CA 95501. REFERENCE EXPENDITURE AUTHORIZATION IS 43480 SR 2012-086.

PROJECT LOCATION



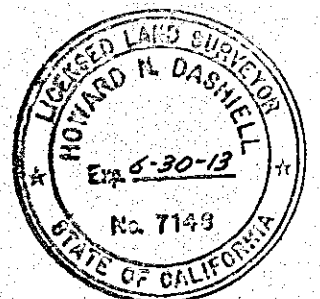
LOCATION MAP
NO SCALE

COUNTY SURVEYOR'S STATEMENT

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH SECTION 8766 OF THE PROFESSIONAL LAND SURVEYORS' ACT THIS 14th DAY OF MARCH, 2013.

MENDOCINO COUNTY, CALIFORNIA

BY: *Howard N. Dashiell*
HOWARD N. DASHIELL
COUNTY SURVEYOR L.S. 7148
LICENSE EXPIRES 6/30/13



RECORDER'S STATEMENT

FILED THIS 20th DAY OF MARCH, 2013
AT 8:21 A.M.
IN MAPS, DRAWER 82, PAGE 67, 68
M.C.R. AT THE REQUEST OF CALTRANS.

SUSAN M. RANOCHAK
COUNTY RECORDER

BY: *Crystal Fagelman*
DEPUTY COUNTY RECORDER

NO FEE REQUIRED PER GOVERNMENT CODE 6103

STATE OF CALIFORNIA
BUSINESS, TRANSPORTATION AND HOUSING AGENCY
DEPARTMENT OF TRANSPORTATION (CALTRANS)
NORTH REGION
OFFICE OF SURVEYORS

**RECORD OF SURVEY
CONTROL MONUMENTATION**

IN THE UNINCORPORATED
AREA OF MENDOCINO COUNTY
NEAR FORT BRAGG
STATE HIGHWAY 1

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE NORTH AMERICAN DATUM OF 1983, (CCS83) EPOCH 2004.69, HOLDING THE CCS83 ZONE 2 GRID COORDINATES FOR THE MONUMENTS SHOWN ABOVE AND PUBLISHED BY THE NATIONAL GEODETIC SURVEY AS SHOWN ON SHEET 2.

Serial # 008

MAPS

DRAWER 82

PAGE 67

CO.	RTE.	P.M.	SHEET NUMBER
MEN	1	48.07/62.33	1 OF 2