

VICINITY MAP
NO SCALE

BASIS OF COORDINATES

THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983 (NAD83(2011)), ZONE 1, EPOCH 2010.00, IN ACCORDANCE WITH THE CALIFORNIA PUBLIC RESOURCES CODE SECTIONS 8801-8819; SAID BEARINGS AND COORDINATES ARE BASED LOCALLY UPON FIELD OBSERVED TIES TO THE FOLLOWING NATIONAL GEODETIC SURVEY MONUMENTS:

POINT	PUBLISHED NETWORK ACCURACY (2 σ)		
DESIGNATION	NCS PID	CIRCULAR ERROR	HEIGHT
CALFPASTURE	DH6419	0.49 CM	0.88 CM
HPGN D CA 03 MO	AE9836	0.46 CM	0.80 CM
PORTOLA	DH6429	0.63 CM	1.00 CM

SURVEY PURPOSE

THE PURPOSE OF THIS SURVEY IS TO ESTABLISH CONTROL MONUMENTS ALONG CALIFORNIA STATE HIGHWAY 70.

LEGEND

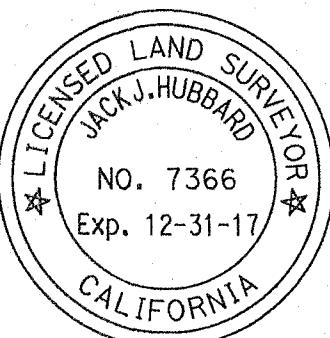
- △ PRIMARY CONTROL MONUMENT, HELD AS CONTROLLING PER THIS SURVEY, MONUMENT CHARACTER AS DESCRIBED IN TABLE BELOW
- △ NETWORK MONUMENT, SEE MONUMENT TYPE AND CHARACTER AS DESCRIBED IN TABLE BELOW
- ###-# OBSERVATION SESSION NUMBER

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 IN NOVEMBER OF 2012.

Jack Hubbard
JACK J. HUBBARD, PLS 7366

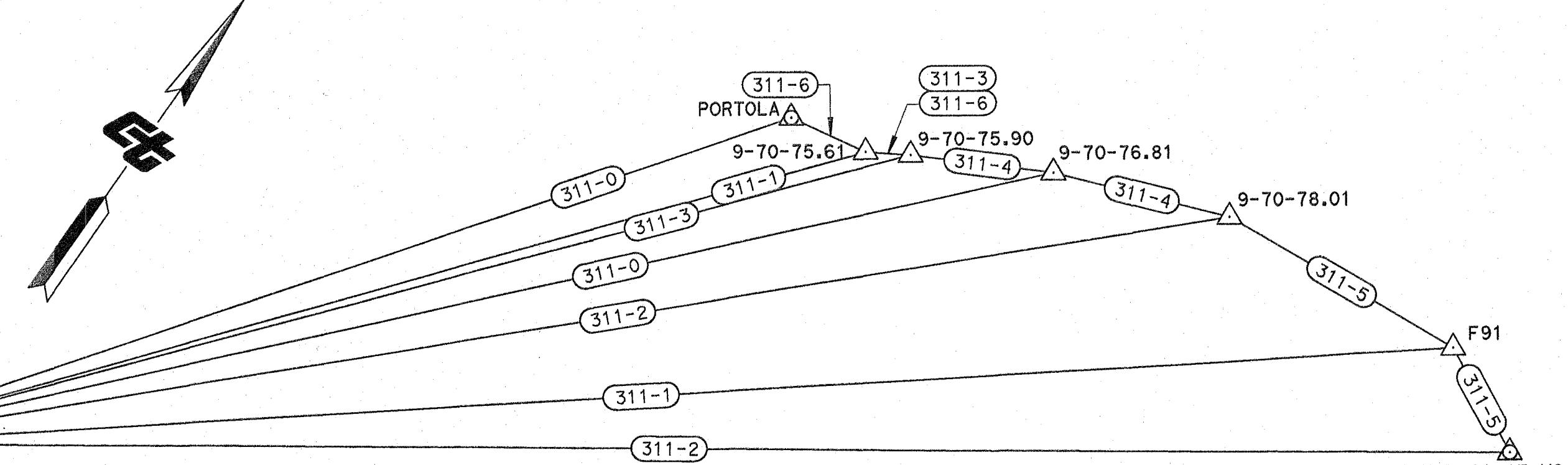
8/08/17
DATE



GNSS PROJECT CONTROL MONUMENTS - NAD83(2011) EPOCH 2010.00													
POINT		NAD83(2011) GEODETIC COORDINATES			NETWORK ACCURACY (2 σ)		CCS83, ZONE 1 EPOCH 2010.00		ORTHO HEIGHT				
	PID	LATITUDE	LONGITUDE	ELLIP. HT.	CIRCULAR ERROR	HEIGHT	NORTHING	EASTING	ELEVATION	DESCRIPTION	CGF	MAP ANGLE	MONUMENTATION TYPE
CALFPASTURE	DH6419	N39°43'58.881065"	W120°33'26.820810"	4393.08	FIXED	FIXED	1789368.15	6967398.58	4469.90	FOUND CADT BRASS DISC IN HEADWALL STAMPED "CALFPASTURE 2004"	0.99986828	0°56'36"	PRIMARY
HPGN D CA 03 MO	AE9836	N39°49'06.386615"	W120°23'29.112520"	4807.22	FIXED	FIXED	1821293.39	7013520.05	4883.84	FOUND CADT BRASS DISC IN ABUTMENT STAMPED "03-MO 1996"	0.999821286	1°03'07"	PRIMARY
PORTOLA	DH6429	N39°48'25.723185"	W120°29'03.839720"	4751.79	FIXED	FIXED	1816713.55	6987475.70	4828.34	FOUND CSRC DISC ON ALUMINUM ALLOY ROD STAMPED "PORTOLA 2004"	0.999827406	0°59'28"	PRIMARY
9-70-75.61		N39°48'30.123180"	W120°28'29.307480"	4762.72	0.02	0.02	1817205.49	6990162.64	4839.26	FOUND 2-1/4" CADT BRASS DISC IN CONCRETE STAMPED "9-70-75.61"	0.999826507	0°59'50"	PROJECT
9-70-75.90		N39°48'37.594961"	W120°28'12.739635"	4776.35	0.02	0.02	1817984.00	6991442.27	4852.88	SET 1-1/4" CADT COPPER DISC STAMPED 9-70-75.90	0.999825216	1°00'01"	SUPPLEMENTAL
9-70-76.81		N39°48'58.857776"	W120°27'18.205316"	4807.21	0.03	0.02	1820209.97	6995659.64	4883.70	FOUND 2-1/4" CADT BRASS DISC IN CONCRETE STAMPED "9-70-76.81"	0.999821927	1°00'37"	PROJECT
9-70-78.01		N39°49'19.232773"	W120°26'05.300130"	4915.58	0.03	0.02	1822372.40	7001311.09	4992.05	SET 2-1/4" CADT BRASS DISC IN ROSK STAMPED "9-70-78.01 GPS"	0.999815026	1°01'24"	PROJECT
F 91		N39°49'24.685366"	W120°24'14.149066"	4832.57	0.02	0.02	1823080.52	7009972.59	4909.10	FOUND BATHY PIN WITH CADT CAP STAMPED "F-91"	0.999818524	1°02'37"	SUPPLEMENTAL

BASELINE OBSERVATION INFORMATION

SESSION	DATE	DURATION
311-0	11/6/12	0920-0950 PST
311-1	11/6/12	1010-1040 PST
311-2	11/6/12	1100-1130 PST
311-3	11/6/12	1135-1235 PST
311-4	11/6/12	1255-1305 PST
311-5	11/6/12	1340-1410 PST
311-6	11/6/12	1435-1505 PST



SURVEY NOTES:

- ALL COORDINATES SHOWN ARE IN TERMS OF THE U.S. SURVEY FOOT UNLESS NOTED OTHERWISE.
- ORTHOMETRIC HEIGHTS ARE DERIVED USING GEOID MODEL GEOID12B.
- COORDINATE ERRORS ARE CALCULATED PER THE STANDARDS SET BY THE FEDERAL GEOGRAPHIC DATA COMMITTEE'S GEOSPATIAL POSITIONING ACCURACY STANDARDS, SPECIFICALLY FGDC-STD-007.3-1998 (PART 3 NATIONAL STANDARD FOR SPATIAL DATA ACCURACY).
- ALL PRIMARY AND PROJECT CONTROL MONUMENTS ESTABLISHED BY THIS SURVEY MEET OR EXCEED THE STANDARDS FOR A HORIZONTAL ACCURACY 2CM (0.07') NETWORK ACCURACY AND A VERTICAL ACCURACY OF 0.07 FT (TWO CENTEMETER) LOCAL ACCURACY AS SET FORTH IN CHAPTER 5 OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION SURVEYS MANUAL (2015).

- ALL SUPPLEMENTAL CONTROL MONUMENTS ESTABLISHED BY THIS SURVEY MEET OR EXCEED THE STANDARDS FOR 0.07 FT (TWO CENTEMETER) LOCAL ACCURACY FOR BOTH HORIZONTAL AND VERTICAL VALUES AS SET FORTH IN CHAPTER 5 OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION SURVEYS MANUAL (2015).
- MONUMENTATION TYPES ARE FURTHER DEFINED IN SECTION 5.8 IN CHAPTER 5 OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION SURVEYS MANUAL (2015).
- THIS SURVEY WAS CONDUCTED UTILIZING STATIC GPS SURVEY METHODS IN ACCORDANCE WITH CHAPTER 6 OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION SURVEYS MANUAL (2012). FIELD MEASUREMENTS WERE COLLECTED USING TRIMBLE R8 GNSS ANTENNAS. THE GNSS DATA WAS PROCESSED AND THE SURVEY NETWORK WAS ADJUSTED (USING A LEAST SQUARES ADJUSTMENT) IN TRIMBLE BUSINESS CENTER VERSION 3.90 SOFTWARE.

RECODER'S STATEMENT

FILED THIS 19th DAY OF September, 2017 AT 01:25 PM. IN BOOK 16 OF RECORD OF SURVEYS AT PAGES 774, AT THE REQUEST OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION.

Kathy Williams
KATHY WILLIAMS
PLUMAS COUNTY RECORDER

NO FEE PER GOVERNMENT CODE SECTION 6103

Document No. 2017-0005203

SCALE: 1"=4000'

FEET 0 2000 4000 8000 12000

STATE OF CALIFORNIA
CALIFORNIA STATE TRANSPORTATION AGENCY
DEPARTMENT OF TRANSPORTATION, DISTRICT 2

RECORD OF SURVEY
FOR GNSS PROJECT CONTROL
ON NAD83(2011), EPOCH 2010.00

IN THE UNINCORPORATED TERRITORY OF THE COUNTY OF PLUMAS, STATE OF CALIFORNIA, ALONG STATE ROUTE 70, SITUATED IN SECTIONS 2, T22N R13E; 35, 36, T22N R13E; 27-30, T23N R14E OF THE MOUNT DIABLO BASE AND MERIDIAN

EA:	4E810	EFIS:	0212000039
CO.	RTE.	P.M.	SHEET NO.
PLU	70	75.0 TO 80.0	1 OF 1

16 RS 14