

GNSS PROJECT CONTROL MONUMENTS - NAD83(2011) EPOCH 2010.00

POINT	NAD83(2011) GEODETIC COORDINATES				NETWORK ACCURACY (2σ)		CCS83, ZONE 1 EPOCH 2010.00		ORTHO HEIGHT	DESCRIPTION	CGF	MAP ANGLE	MONUMENTATION TYPE
	PID	LATITUDE	LONGITUDE	ELLIP. HT.	CIRCULAR ERROR	HEIGHT	NORTHING	EASTING	ELEVATION				
36 PLU 13.94	DH6579	N40°18'20.969935"	W121°08'35.385160"	4808.38	FIXED	FIXED	1995861.20	6800627.62	4885.66	FOUND CSRC CADT DISC ON ALUMINUM ROD STAMPED "36 PLU 13.94 2004"	0.999707628	0°33'37"	PRIMARY
89 PLU 37.49	DH6607	N40°13'27.581875"	W121°12'07.686710"	4482.08	FIXED	FIXED	1966019.33	6784451.69	4560.20	FOUND CSRC CADT DISC ON ALUMINUM ROD STAMPED "89 PLU 37.49 2004"	0.999737223	0°31'18"	PRIMARY
HPGN D CA 02 FR	DF4391	N40°17'19.738945"	W121°14'26.979740"	4450.57	FIXED	FIXED	1989414.33	6773444.47	4528.72	FOUND CADT DISC EPOXIED IN CONCRETE STAMPED "02-FR 1999"	0.999727458	0°29'47"	PRIMARY
CM 6.47		N40°16'50.246022"	W121°15'01.486487"	4462.79	0.02	0.01	1986407.04	6770796.18	4540.98	SET 3/4" REBAR WITH CADT ALUMINUM CAP STAMPED "CM 6.47"	0.999728237	0°29'25"	SUPPLEMENTAL
CM 9.19		N40°18'40.432675"	W121°13'22.894769"	4442.07	0.01	0.01	1997622.90	6778337.79	4520.05	SET 3/4" REBAR WITH CADT ALUMINUM CAP STAMPED "CM 9.19"	0.99972424	0°30'29"	SUPPLEMENTAL
CM 9.67		N40°18'47.929827"	W121°12'50.304827"	4443.11	0.02	0.02	1998404.02	6780855.42	4521.02	SET 3/4" REBAR WITH CADT ALUMINUM CAP STAMPED "CM 9.67"	0.999723861	0°30'50"	SUPPLEMENTAL
CM 13.25		N40°18'05.139731"	W121°09'18.277856"	4749.19	0.02	0.01	1994227.15	6797320.33	4826.65	SET 3/4" REBAR WITH CADT ALUMINUM CAP STAMPED "CM 13.25"	0.999711157	0°33'9"	SUPPLEMENTAL
CM 13.50		N40°18'08.893668"	W121°09'03.522184"	4766.43	0.02	0.01	1994618.05	6798459.79	4843.84	SET 3/4" REBAR WITH CADT ALUMINUM CAP STAMPED "CM 13.50"	0.999710167	0°33'19"	SUPPLEMENTAL
PLU89 41.90		N40°16'32.876525"	W121°14'54.681768"	4456.61	0.02	0.02	1984654.01	6771338.60	4534.81	SET CADT BRASS DISC EPOXIED IN ROCK STAMPED "PLU 89 41.90 GPS"	0.999729343	0°29'29"	PROJECT

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 2CM (0.07') NETWORK 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 AS SET FORTH IN CHAPTER 5 OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION SURVEYS MANUAL (2015).
- MONUMENTATION TYPES ARE FURTHER DEFINED IN SECTION 5.8, 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.

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 36, SITUATED IN SECTIONS
2-5,7,8,11,12,18,19,T28N R7E
OF THE MOUNT DIABLO BASE AND MERIDIAN

EA:	1E240	EFIS:	
CO.	RTE.	P.M.	SHEET NO.
PLU	36	6.4 TO 13.9	2 OF 2
PLU	89	41.9 TO 42.2	