

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
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:

1. ALL COORDINATES SHOWN ARE IN TERMS OF THE U.S. SURVEY FOOT UNLESS NOTED OTHERWISE.
2. ORTHOMETRIC HEIGHTS ARE DERIVED USING GEOID MODEL GEOID12B.
3. 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).
4. 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).
5. 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).
6. MONUMENTATION TYPES ARE FURTHER DEFINED IN SECTION 5.8, CHAPTER 5 OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION SURVEYS MANUAL (2015).
7. 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	

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