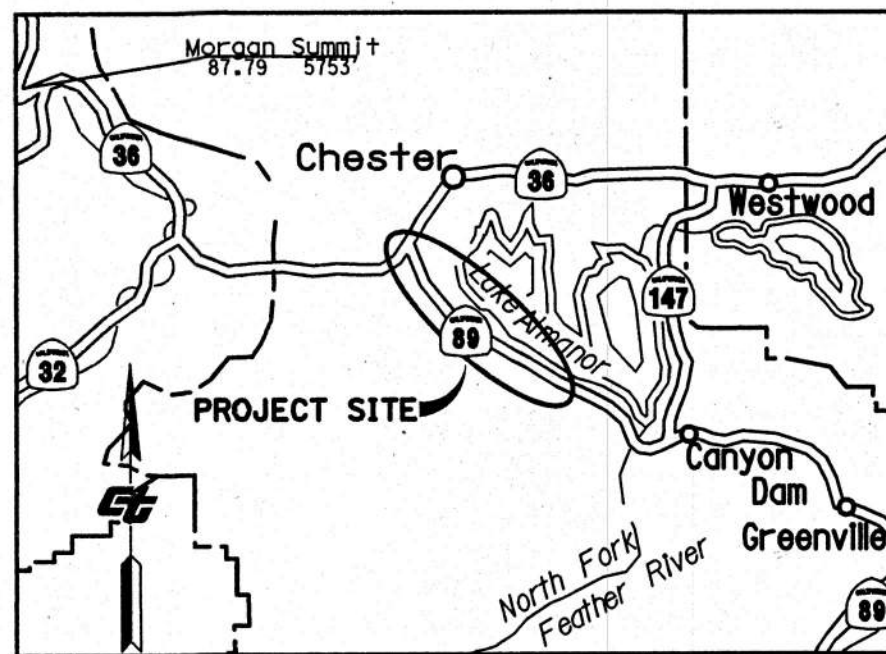


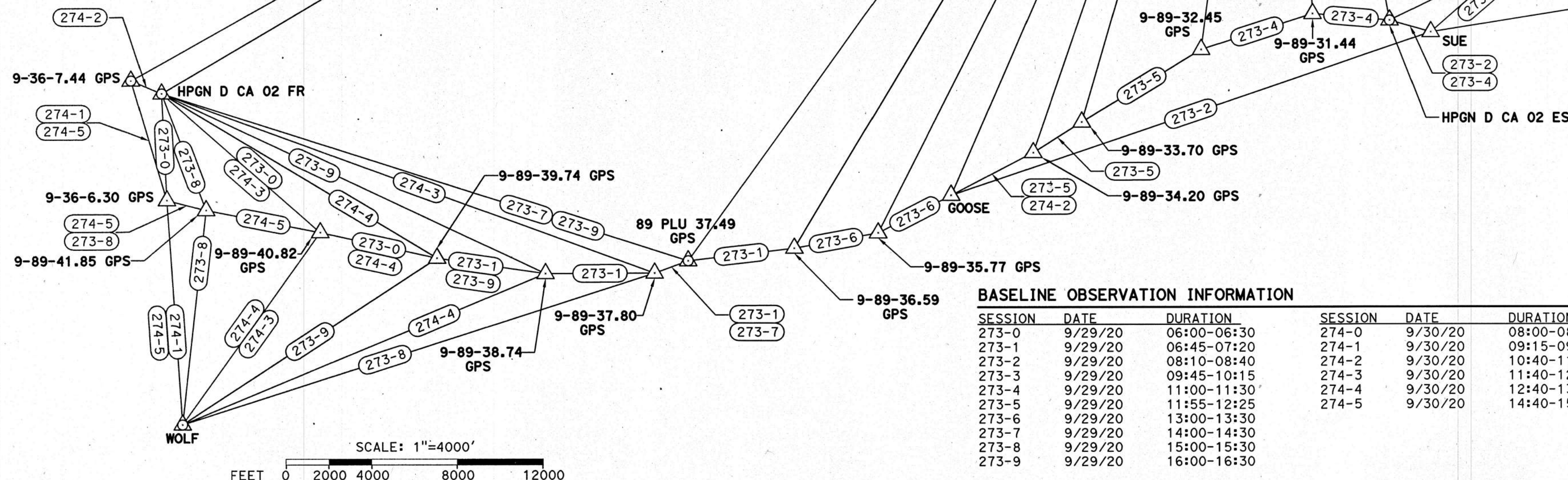


VICINITY MAP
NO SCALE

BASIS OF COORDINATES

THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 1, (2010.00), IN ACCORDANCE WITH THE CALIFORNIA PUBLIC RESOURCES CODE SECTIONS 8801-8819; SAID COORDINATES ARE BASED LOCALLY UPON FIELD OBSERVED TIES TO THE FOLLOWING CALIFORNIA SPATIAL REFERENCE NETWORK, OR EQUIVALENT STATIONS:

POINT		PUBLISHED NETWORK ACCURACY (2σ)	
DESIGNATION	NGS PID	CIRCULAR ERROR	HEIGHT
HPGN D CA 02 FR	DF4391	0.45 CM	0.80 CM
WOLF	DH6416	0.48 CM	0.84 CM
89 PLU 37.49	DH6607	0.52 CM	0.88 CM
DYER	LT0652	0.49 CM	0.90 CM
HPGN D CA 02 ES	DF4390	0.48 CM	0.84 CM
GOGO	DH6404	0.57 CM	0.98 CM
9-36-7.44		0.47 CM	0.40 CM



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 SEPTEMBER OF 2020.

Jack J. Hubbard
JACK J. HUBBARD, PLS 7366
DATE 5/30/2024



SURVEY PURPOSE / NOTE

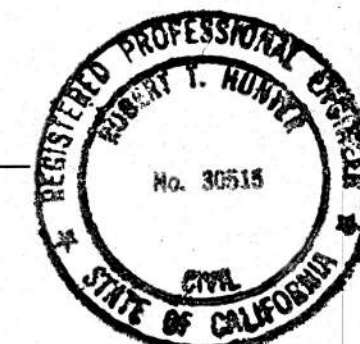
THE PURPOSE OF THIS SURVEY IS TO ESTABLISH CONTROL MONUMENTS ALONG CALIFORNIA STATE HIGHWAY 89 IN PLUMAS COUNTY. FIELD DATA FOR THIS SURVEY WAS PLANNED AND COLLECTED UNDER THE SUPERVISION OF JACK HUBBARD, PLS 7366.

COUNTY SURVEYOR'S STATEMENT

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH SECTION 8766 OF THE PROFESSIONAL LAND SURVEYORS' ACT THIS 10 DAY OF June, 2024.

Robert Hunter
ROBERT HUNTER, RE 30515
PLUMAS COUNTY SURVEYOR

DATE 6/10/24



RECORDER'S STATEMENT

FILED THIS 11 DAY OF June, 2024 AT 9:21 A.M. IN BOOK 17 OF RECORD OF SURVEYS AT PAGES 012-013, AT THE REQUEST OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION.

Marcy Demartile
MARCY DEMARTILE
PLUMAS COUNTY RECORDER

DOCUMENT NUMBER 2024-000 2238

NO FEE PER GOVERNMENT CODE SECTION 6103

LEGEND

- △ PRIMARY CONTROL MONUMENT, HELD AS CONTROLLING PER THIS SURVEY, SEE SHEET 2 FOR MONUMENT CHARACTER
- △ NETWORK MONUMENT, SEE SHEET 2 FOR MONUMENT TYPE AND CHARACTER
- ###-# OBSERVATION SESSION NUMBER

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 89, FROM POSTMILE 29 TO 42, SITUATED IN SECTIONS 13 & 24, T28N R6E; 19,30,32, T28N R7E; 5,4,10,11,13,14, T27N R7E; 17,18,20,28 T27N R8E OF THE MOUNT DIABLO BASE AND MERIDIAN

EA:	3H690	EFIS:	0218000010
CO.	RTE.	P.M.	SHEET NO.
PLU	89	29 TO 42	1 OF 2

BASELINE OBSERVATION INFORMATION

SESSION	DATE	DURATION	SESSION	DATE	DURATION
273-0	9/29/20	06:00-06:30	274-0	9/30/20	08:00-08:30
273-1	9/29/20	06:45-07:20	274-1	9/30/20	09:15-09:45
273-2	9/29/20	08:10-08:40	274-2	9/30/20	10:40-11:10
273-3	9/29/20	09:45-10:15	274-3	9/30/20	11:40-12:10
273-4	9/29/20	11:00-11:30	274-4	9/30/20	12:40-13:10
273-5	9/29/20	11:55-12:25	274-5	9/30/20	14:40-15:10
273-6	9/29/20	13:00-13:30			
273-7	9/29/20	14:00-14:30			
273-8	9/29/20	15:00-15:30			
273-9	9/29/20	16:00-16:30			

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				
STAMPING	PID	LATITUDE	LONGITUDE	ELLIP. HT.	CIRCULAR ERROR(cm)	HEIGHT (cm)	NORTHING	EASTING	ELEVATION	DESCRIPTION	CGF	MAP ANGLE	MONUMENTATION TYPE
9-36-6.30 GPS		40d16'44.60632"	-121d15'12.61074"	4460.28	0.38	0.37	1985829.02	6769938.96	4538.44	BRASS DISK IN CONCRETE	0.999728202	0d29'17.2"	PROJECT
9-36-7.44 GPS		40d17'34.19176"	-121d14'33.56969"	4457.37	0.47	0.40	1990872.33	6772921.19	4535.49	BRASS DISK/IRON PIPE IN CONCRETE FOUND PER 16 RS 100 & 101	0.999726057	0d29'42.8"	PROJECT
9-89-29.14 GPS		40d10'19.04377"	-121d04'19.48402"	4521.88	0.49	0.58	1947299.92	6820967.63	4599.28	BRASS DISK/IRON PIPE IN CONCRETE	0.999744971	0d36'24.3"	PROJECT
9-89-31.44 GPS		40d11'10.83118"	-121d06'03.52538"	4472.00	0.58	0.61	1952455.80	6812838.15	4549.53	BRASS DISK/IRON PIPE IN CONCRETE	0.999744507	0d35'16.3"	PROJECT
9-89-32.45 GPS		40d11'37.90528"	-121d07'04.63168"	4494.52	0.78	0.98	1955147.09	6808068.49	4572.13	BRASS DISK/IRON PIPE IN CONCRETE	0.999741966	0d34'36.3"	PROJECT
9-89-33.70 GPS		40d11'56.23763"	-121d08'25.61026"	4556.51	0.91	1.25	1956939.59	6801766.73	4634.26	BRASS DISK IN ROCK	0.999738022	0d33'43.4"	PROJECT
9-89-34.20 GPS		40d12'03.37318"	-121d08'59.05763"	4515.17	0.79	1.16	1957636.28	6799164.56	4592.99	BRASS DISK/IRON PIPE IN CONCRETE	0.999739617	0d33'21.5"	PROJECT
9-89-35.77 GPS		40d12'31.41606"	-121d10'38.00846"	4518.04	0.67	0.91	1960400.51	6791460.57	4596.02	BRASS DISK/IRON PIPE IN CONCRETE	0.999737998	0d32'16.8"	PROJECT
9-89-36.59 GPS		40d12'55.25584"	-121d11'18.90606"	4482.97	0.61	0.82	1962783.16	6788265.45	4561.03	BRASS DISK/IRON PIPE IN CONCRETE	0.999738428	0d31'50.1"	PROJECT
9-89-37.80 GPS		40d13'35.18147"	-121d12'26.79817"	4487.73	0.41	0.46	1966774.84	6782962.44	4565.87	BRASS DISK/IRON PIPE IN CONCRETE	0.999736144	0d31'05.7"	PROJECT
9-89-38.74 GPS		40d14'12.38501"	-121d13'11.41160"	4458.99	0.44	0.58	1970508.25	6779468.77	4537.17	BRASS DISK/IRON PIPE IN CONCRETE	0.999735635	0d30'36.5"	PROJECT
9-89-39.74 GPS		40d14'54.23745"	-121d13'48.47162"	4447.27	0.44	0.52	1974717.70	6776557.69	4525.47	BRASS DISK/IRON PIPE IN CONCRETE	0.999734115	0d30'12.3"	PROJECT
9-89-40.82 GPS		40d15'42.04468"	-121d14'24.56043"	4443.66	0.38	0.46	1979530.68	6773717.65	4521.85	BRASS DISK/IRON PIPE IN CONCRETE	0.999731961	0d29'48.7"	PROJECT
9-89-41.85 GPS		40d16'28.04627"	-121d15'01.06968"	4445.55	0.41	0.49	1984161.01	6770847.70	4523.71	BRASS DISK/IRON PIPE IN CONCRETE	0.999729682	0d29'24.8"	PROJECT
89 PLU 37.49 GPS	DH6607	40d13'27.58188"	-121d12'07.68671"	4482.08	0.52	0.88	1966019.33	6784451.69	4560.20	ALUMINUM DISK IN WELL	0.999736803	0d31'18.2"	PRIMARY
DYER	LT0652	40d14'21.53660"	-121d01'57.23981"	7404.26	0.49	0.90	1971955.59	6831737.71	7480.48	BRASS DISK IN ROCK	0.999594435	0d37'57.3"	PRIMARY
GOGO	DH6404	40d07'39.77525"	-121d00'55.21516"	5218.75	0.57	0.98	1931357.64	6837004.06	5296.03	ALUMINUM DISK IN WELL	0.999720815	0d38'37.9"	PRIMARY
GOOSE GPS		40d12'18.07847"	-121d09'51.39455"	4565.94	0.64	0.85	1959085.17	6795089.68	4643.84	BRASS DISK IN CONCRETE	0.999736412	0d32'47.3"	PROJECT
HPGN D CA 02 ES	DF4390	40d10'42.50063"	-121d05'35.40202"	4428.91	0.48	0.84	1949611.69	6815050.30	4506.41	ALUMINUM DISK IN CONCRETE	0.999748117	0d35'34.7"	PRIMARY
HPGN D CA 02 FR	DF4391	40d17'19.73895"	-121d14'26.97974"	4450.57	0.45	0.80	1989414.33	6773444.47	4528.69	ALUMINUM DISK IN CONCRETE	0.999727042	0d29'47.1"	PRIMARY
SUE		40d10'24.80850"	-121d05'23.91552"	4456.28	0.41	0.43	1947830.77	6815960.39	4533.78	PG&E BRASS DISK IN CONCRETE	0.999747786	0d35'42.2"	PROJECT
WOLF	DH6416	40d15'29.27934"	-121d16'46.40218"	4630.75	0.48	0.84	1978146.13	6762732.97	4708.88	ALUMINUM DISK IN WELL	0.999723636	0d28'15.9"	PRIMARY

SURVEY NOTES:

1. CADT IS AN ACRONYM FOR THE CALIFORNIA DEPARTMENT OF TRANSPORTATION A.K.A CALTRANS.

2. ALL COORDINATES SHOWN ARE IN TERMS OF THE U.S. SURVEY FOOT UNLESS NOTED OTHERWISE.

3. ORTHOMETRIC HEIGHTS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 DERIVED USING GEOID MODEL 2018.

4. 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).

5. ALL PRIMARY AND PROJECT CONTROL MONUMENTS ESTABLISHED BY THIS SURVEY CONFORM TO THE STANDARDS OF 0.07' (2CM) NETWORK ACCURACY, OR HIGHER, FOR HORIZONTAL POSITIONAL ACCURACY AS SET FORTH IN CHAPTER 5 OF THE CALTRANS SURVEYS MANUAL (2015) UNLESS NOTED OTHERWISE.
6. ALL SUPPLEMENTAL CONTROL MONUMENTS ESTABLISHED BY THIS SURVEY MEET OR EXCEED THE STANDARDS OF 0.07 FT (2CM) LOCAL ACCURACY FOR HORIZONTAL POSITIONAL ACCURACY AS SET FORTH IN CHAPTER 5 OF THE CALTRANS SURVEYS MANUAL (2015) UNLESS NOTED OTHERWISE.

7. PRIMARY, PROJECT, AND SUPPLEMENTAL MONUMENT TYPES ARE FURTHER DEFINED IN SECTION 5.8, CHAPTER 5 OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION SURVEYS MANUAL (2015).

8. THIS SURVEY WAS CONDUCTED UTILIZING STATIC GPS SURVEY METHODS IN ACCORDANCE WITH CHAPTER 6 OF THE CALTRANS SURVEYS MANUAL (2012 CALIFORNIA DEPARTMENT OF TRANSPORTATION). FIELD MEASUREMENTS WERE COLLECTED USING TRIMBLE R10 GNSS ANTENNAS. THE GNSS DATA WAS PROCESSED AND THE SURVEY NETWORK WAS ADJUSTED (USING A LEAST SQUARES ADJUSTMENT) IN TRIMBLE BUSINESS CENTER VERSION 5.31 SOFTWARE.
9. COMBINED GRID FACTORS SHOWN FOR NGS MONUMENTS DIFFER FROM VALUES LISTED ON NGS DATA SHEETS. THE VALUES SHOWN HEREON ARE DERIVED FROM TRIMBLE BUSINESS CENTER. THE DIFFERENCE IN VALUES IS DUE TO UTILIZATION OF DIFFERENT METHODS TO COMPUTE ELEVATION FACTORS BY TRIMBLE BUSINESS CENTER AND NGS.

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 89, FROM POSTMILE 29 TO 42, SITUATED IN SECTIONS 13 & 24, T28N R6E; 19,30,32, T28N R7E; 5,4,10,11,13,14, T27N R7E; 17,18,20,28 T27N R8E OF THE MOUNT DIABLO BASE AND MERIDIAN			
EA:	3H690	EFIS:	0218000010
CO.	RTE.	P.M.	SHEET NO.
PLU	89	29 TO 42	2 OF 2

17 RS 013