

LANDNET & RW MONS / CCS83(2011)-2010.00 / US Feet / Zone 1

MONUMENT	NORTHING	EASTING	DESCRIPTION "STAMPING" REFERENCE
1SEARCH	1838169.74	6925726.73	1/2" Rebar No Cap - 12 PM 34
2SEARCH	1838078.12	6925686.50	5/8" Rebar W/ Alum Cap "LS 2843" 12 PM 34
3SEARCH	1837751.14	6926258.81	5/8" Rebar W/ Alum Cap "LS 2843" 12 PM 34
4SEARCH	1837831.71	6926317.97	3/4" Iron Pipe W/ Tag "RE 292" 12 PM 34
7SEARCH	1835701.78	6928867.90	1/2" Rebar W/ Plastic Cap "PLS 6051" 11 RS 114
9SEARCH	1834535.93	6929685.82	3/4" Iron Pipe W/ Tag "RCE 7294" 11 RS 114
10SEARCH	1834398.11	6929782.83	1/2" Rebar W/ Plastic Cap RCE 22836
14SEARCH	1837756.52	6926420.15	1/2" Iron Pipe W/ Tag "RE 292" 12 PM 34
15SEARCH	1835324.25	6929132.81	1/2" Rebar W/ Plastic Cap "LS 6051" 11 RS 114
16SEARCH	1834762.04	6929527.43	1/2" Rebar W/ Cap "PLS 6051" 11 RS 114
17SEARCH	1834669.09	6929592.27	3/4" Iron Pipe W/ Tag "RCE 7294" 11 RS 114
18SEARCH	1808833.96	6970331.07	1/2" Rebar No Cap - 6 PM 69
19SEARCH	1808883.80	6970407.39	6"x6" Concrete Monument "C" 6 PM 69
20SEARCH	1808712.19	6970323.52	5/8" Rebar W/ Alum Cap "LS 2843" 9 PM 97
21SEARCH	1808743.54	6970375.98	5/8" Rebar W/ Alum Cap "LS 2843" 9 PM 97
22SEARCH	1809900.65	6971876.44	1/2" Iron Pipe "LS 3297" 4 M 55, 7 RS 40
23SEARCH	1810355.98	6972534.26	1/2" Iron Pipe "LS 3297" 7 RS 40
24SEARCH	1810233.74	6972533.43	1/2" Rebar W/ Alum Cap "LS 2843" 7 RS 40
26SEARCH	1810827.16	6973214.86	3/4" Iron Pipe "LS 3297" 4 M 103, 7 RS 40
27SEARCH	1810827.24	6973390.95	3/4" Iron Pipe "LS 3297" 7 RS 40
29SEARCH	1811070.29	6973566.43	3/4" Bent Iron Pipe "LS 3297" 4 M 103
30SEARCH	1811515.09	6974205.92	1/2" Rebar No Cap - 9 PM 14
31SEARCH	1811696.97	6974467.85	3/4" Rebar No Cap - 13 RS 26, 9 PM 14
32SEARCH	1811578.76	6974476.24	3/4" Iron Pipe No Cap - 4 PM 1
34SEARCH	1812038.80	6975141.90	2-1/2" BLM Brass Disc on Iron Pipe "N36 20E ROW HWY70" 4 PM 1
36SEARCH	1812980.92	6976326.90	5/8" Rebar with 1-1/2" Aluminum Cap "Caltrans" R8
37SEARCH	1813757.63	6977624.86	5/8" Rebar with 1-1/2" Aluminum Cap "Caltrans" R8
38SEARCH	1814834.07	6978874.26	5/8" Rebar with 1-1/2" Aluminum Cap "Caltrans" R8
40SEARCH	1815353.64	6980016.42	1/2" Rebar w/Plastic Cap "RCE 22836" 8 M 83
41SEARCH	1815461.22	6980346.94	1/2" rebar w/ damaged plastic cap Illegible 8 M 83, 14 RS 65
46SEARCH	1815756.43	6981250.77	1/2" Rebar W/ Alum Cap Illegible 9 PM 13, 9 PM 115
47SEARCH	1815376.19	6979763.02	5/8" Rebar W/ Plastic Cap "LS 5620" 12 PM 77
48SEARCH	1816029.89	6981751.17	1/2" Iron Pipe W/ Tag "RCE 7294" 5 RS 110
51SEARCH	1816623.95	6983378.69	1/2" Rebar W/ Alum Cap "LS 2843" 5 RS 66, 5 RS 78, 9 RS 18, 6 PM 111
52SEARCH	1816948.88	6986967.54	6"x6" Concrete Monument "C" 5 RS 66
56SEARCH	1817172.15	6990122.28	5/8" Rebar W/ Alum Cap "PLS 8848" 16 RS 9 (Witness Corner 1' from RW of SR 70)
61SEARCH	1818664.15	6992974.14	3/4" Open Iron Pipe in Concrete at Angle Point of Wood Fence - CR 291
65SEARCH	1819213.93	6994211.77	1/2" Rebar W/ Alum Cap "LS 2843" 8 PM 70
68SEARCH	1819655.61	6995246.07	1/2" Bolt W/ Tag "RCE 5569" R4
69SEARCH	1819693.78	6995294.48	5/8" Rebar W/ Plastic Cap "LS 5571" 16 RS 66
70SEARCH	1819702.13	6995313.38	5/8" Rebar W/ Plastic Cap "LS 5571" 16 RS 66
71SEARCH	1820055.11	6995748.88	3/4" Open Iron Pipe - 3 M 95

Landnet Monuments (aka Property Corners) and RW Monuments shown in table above were located by 3rd Order Traverse by field surveys for Survey Request SR 2021-162

ABBREVIATIONS

CM xx.xx = Control Monument at Postmile xx.xx | Alum = Aluminum
Conc = Concrete | NTS = Not to Scale | BT = Bearing Tree
SR = Survey Request | EA = Expense Authorization | IP = Iron Pipe
R/W = Right of Way | PM = Postmile | CC = Cadastral Card
CADH = California Division of Highways | FB = Field Book
STA/OS = Station/Offset | NGS = National Geodetic Survey
PID = NGS Permanent Identification Number | Mon = Monument
() = Record Data per Reference | M = Measure | BM = Bench Mark
γ = Convergence Angle [aka Mapping Angle] | h = Ellipsoid Height
CGF = Combined Grid Factor | Co = County | Rte = Route
GNSS = Global Navigation Satellite System | CADT = California
Department of Transportation | GPS = Global Positioning System
CR = Corner Record | PCR = Plumas County Records
BDIC = Brass Disc in Concrete

LANDNET & RW MONS / CCS83(2011)-2010.00 / US Feet / Zone 1

MONUMENT	NORTHING	EASTING	DESCRIPTION "STAMPING" REFERENCE
FND15002	1809672.94	6971547.67	1/2" Iron Pipe W/ Tag "LS 3927" 4 M 55
FND15004	1812867.54	6976163.25	6"x6" Concrete Monument "C" 14 RS 36
FND15005	1815035.29	6979114.20	3/4" Rebar W/ Alum Cap "LS 2843" (CC 4-20) R8
FND15006	1815121.56	6979304.74	6"x6" Concrete Monument "C" (CC 3-5) 8 M 83, 9 PM 13, 9 PM 115, 12 PM 5, 14 RS 65, R8
FND15007	1815216.60	6979273.68	6"x6" Concrete Monument "C" (CC 3-6)12 PM 5, 14 RS 65, R8
FND15008	1815663.31	6980965.66	3/4" Rebar W/ Alum Cap "LS 2843" 9 PM 13, 9 PM 115, 10 RS 144, 14 RS 65
FND15009	1815762.28	6981269.42	3/4" Rebar W/ Alum Cap "LS 2843" 9 PM 13, 9 PM 115, 10 RS 144
FND15010	1815836.90	6981497.61	1/2" Rebar W/ Plastic Cap "LS 3346" (CC 3-7) 9 PM 13, 9 PM 115, 10 RS 144
FND15011	1815840.51	6981508.73	1/2" Rebar W/ Alum Cap "LS 2843" (CC 3-8) 9 PM 13, 9 PM 115, 10 RS 144
FND15012	1816725.02	6983305.32	1/2" Rebar W/ Plastic Cap "RCE 22836" 5 RS 66, 5 RS 110, 8 RS 150,
FND15013	1817105.16	6986582.60	3/4" Rebar W/ Alum Cap "LS 2843"
FND15014	1819076.42	6993903.14	5/8" Rebar w/ Plastic Cap Illegible 8 RS 47, 14 RS 103
FND15015	1818640.34	6992918.34	3/4" Open Iron Pipe No Tag - CR 325, 13 RS 55
FND15016	1819596.30	6995121.18	1/2" Bolt W/ Tag "RCE 5569" R4
FND15017	1819610.70	6995353.85	6"x6" Concrete Monument "C" 16 RS 66, Pt CC 5-36 per 3 RS 61

Landnet Monuments (aka Property Corners) and RW Monuments shown in table above this sheet were located by 3rd Order Traverse by field surveys for Survey Request SR 2021-162. Those shown in parenthesis were previously tied-out under Survey Request SR 2020-016

MONUMENT	NORTHING	EASTING	DESCRIPTION "STAMPING" REFERENCE
FND_1000	1837465.22	6926648.47	8"x8" Fence Post W/ Tag "LS 2843" 12 PM 34
FND_1001	1836455.26	6928025.05	1/2" Rebar W/ plastic Cap "LS 6051" 12 PM 34, 12 RS 99

Landnet Monuments (aka Property Corners) shown in table above this sheet were located by 3rd Order Traverse by field surveys for Survey Request SR 2022-026

MONUMENT	NORTHING	EASTING	DESCRIPTION "STAMPING" REFERENCE
CC 11-66	1838769.74	6923465.40	1/2" Rebar W/ Plastic Cap "LS 3297" CC 11-40 per 14 RS 137-142 (sheet 6)
CC 11-67	1838851.00	6923683.48	1-1/2" CADT Alum Cap on 3/4" Rebar "CALTRANS" 14 RS 137-142 (sheet 6)
CC 11-68	1838951.94	6923680.59	1-1/2" CADT Alum Cap on 3/4" Rebar "CALTRANS" 14,RS 137-142 (sheet 6)
CC 11-69	1839087.30	6923243.76	1/2" Rebar W/ Plastic Cap "LS 3297" CC 11-36 per 14 RS 137-142 (sheet 6)
CC 11-70	1839147.85	6923230.20	1/2" Rebar W/ No Cap - CC 11-34 per 14 RS 137-142 (sheet 6)

For this project historic Landnet and RW Monuments along state route 70 from PM 58.0 - 58.2 with CCS83(1992)1991.35 coordinates were transformed to CCS83(2011)2010.00 datum using the single-point transformation vector of N44°19'39"W, 0.66' observed at Caltrans Control monument CM 59.25 having record values in both coordinate system. Such monuments are referenced to as "dual-datum" control points.

Transformation results were validated by other "dual-datum" control points bracketing the transformation areas shown on sheet 1. The average mis-closure at validation points was 0.05'

REFERENCES

- (R1) 16 RS 98-99, PCR (2022 CALTRANS GNSS Survey - Project EA:02-1H580/EFIS:02-1600-0024)
- (R2) 16 RS 14, PCR (2017 CALTRANS GNSS Survey - Project EA:02-4E810/EFIS:02-1200-0039)
- (R3) CALTRANS R/W Maps 9-21-390.10 thru 9-21-390.14 (Circa 1974)
- (R4) DOC NO. 2011-0006959 (DOT EASEMENT 13504 from USFS - Exhibit A: Sheets 100-113)
- (R5) Unrecorded CALTRANS Record of Survey - Sheet 024022.501 thru 024022.511 (Aug 1966)
- (R6) 6 RS 128, PCR (1984 CALTRANS RW Monumentation Record of Survey)
- (R7) CALTRANS R/W Maps 9-21-466.07 thru 466.16 (Circa 1962)
- (R8) 14 RS 36, PCR (2004 CALTRANS RW Monumentation Record of Survey)
- (R9) CALTRANS R/W Maps 129702.102 thru 129702.104 (Circa 1977)
- (R10) CALTRANS R/W Maps 9-21-464.01 thru 464.07 (Circa 1957)

STATE OF CALIFORNIA CALIFORNIA STATE TRANSPORTATION AGENCY DEPARTMENT OF TRANSPORTATION RECORD OF SURVEY FOR MONUMENT PERPETUATION OF PROPERTY CORNERS AND RW MONUMENTS FOR CROMBERG REHAB PROJECT EA:02-1H580 ON CCS83(2011)EPOCH 2010.00-ZONE 1 IN THE COUNTY OF PLUMAS, STATE OF CALIFORNIA, ALONG STATE ROUTE 70 FROM POSTMILE 58.0 - 80.0 IN SECTIONS: 8-13, T23N, R11E, MDM 18,19,29-32, T23N, R12E, MDM 4,5,9-14, T22N, R12E, MDM 3-5,7,8,18, T22N, R13E, MDM 34-36, T23N, R13E, MDM 27,29,30, T23N, R14E, MDM					
DISTRICT	COUNTY	ROUTE	SHEET PM	SHEET NO.	TOTAL SHEETS
02	PLU	70		28	28