

GPS #:

CP-001

Date Destroyed:

Date Revised:

7/24/2019

Thomas Bros. Page/Grid:

1109/E-7

Zone:

California Coordinate System, CCS 83, Zone 6

Datum:

NAVD88

Grid Scale Factor:

0.9999596813

Orthometric Ht. Scale Factor:

0.9999714055

Combined Scale Factor:

0.9999310879

Convergence Angle:

-0°28'30"

Scale Factors and Convergence Angle based on the 2017.50 Epoch.

Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 08' 33.72952	-117° 06' 52.57634	1996646.615	6297016.364	707.23

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-001" FLUSH WITH TOP OF CURB, LOCATED ON NORTHEASTERLY SIDEWALK 50' +/- NORTH OF THE INTERSECTION OF ROCK SPRINGS RD. AND VIDA'S CIRCLE.



GPS #:

CP-002

Date Destroyed:

Date Revised:

7/24/2019

Thomas Bros. Page/Grid:

1109/E-7

Zone:

California Coordinate System, CCS 83, Zone 6

Datum:

NAVD88

Grid Scale Factor:

0.9999591074

Orthometric Ht. Scale Factor:

0.9999712211

Combined Scale Factor:

0.9999303297

Convergence Angle:

-0°28'43"

Scale Factors and Convergence Angle based on the 2017.50 Epoch.

Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 09' 10.37737	-117° 07' 15.46452"	2000366.69	6295101.256	711.074

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS
SURVEY CONTROL NV5 LS6310 2018 CP-002" FLUSH
WITH TOP OF CURB NEXT TO FIRE HYDRANT,
LOCATED AT THE SOUTHEASTERLY CORNER OF
THE INTERSECTION OF WOODBRIDGE RD. AND
BENNETT AVE.



GPS #:

CP-003

Date Destroyed:

Date Revised:

7/24/2019

Thomas Bros. Page/Grid:

1109/B-5

Zone:

California Coordinate System, CCS 83, Zone 6

Datum:

NAVD88

Grid Scale Factor:

0.9999590706

Orthometric Ht. Scale Factor:

0.999971995

Combined Scale Factor:

0.9999310667

Convergence Angle:

-0°29'24"

Scale Factors and Convergence Angle based on the 2017.50 Epoch.



Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 09' 12.80044"	-117° 08' 30.53719"	2000665.534	6288721.108	695.26

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-003" FLUSH WITH TOP OF CURB, ON THE NORTHWESTERLY SIDE OF BORDEN RD, 140' +/- SOUTH OF GINA LN. IN FRONT OF 840 BORDEN RD.



GPS #: CP-004

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1108/J-4

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.9999584098

Orthometric Ht. Scale Factor: 0.9999701409

Combined Scale Factor: 0.999928552

Convergence Angle: -0°29'46"



Scale Factors and Convergence Angle based on the 2017.50 Epoch.

Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 09' 57.91014	-117° 09' 09.59591	2005253.193	6285440.063	734.04

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-004" FLUSH WITH SOUTHEASTERLY BACK OF SIDEWALK, BETWEEN 761 & 763 PEBBLE BEACH DR.



GPS #:

CP-005

Date Destroyed:

Date Revised:

7/24/2019

Thomas Bros. Page/Grid:

1109/B-2

Zone:

California Coordinate System, CCS 83, Zone 6

Datum:

NAVD88

Grid Scale Factor:

0.9999579099

Orthometric Ht. Scale Factor:

0.9999677347

Combined Scale Factor:

0.999925646

Convergence Angle:

-0°29'20"

Scale Factors and Convergence Angle based on the 2017.50 Epoch.



Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33 10 34.41652	-117° 08' 22.19252	2008908.146	6289500.89	783.94

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-005" FLUSH WITH CONCRETE PAD, EASTERLY SIDE OF THE INTERSECTION OF OLIVE ST. AND LOW CHAPARRAL DR AT THE SOUTHEASTERLY CORNER OF CONCRETE OUTFALL, IN FRONT OF 1845 LOW CHAPARRAL DR.



GPS #: CP-006

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1108/J-1

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.9999575297

Orthometric Ht. Scale Factor: 0.9999710871

Combined Scale Factor: 0.9999286181

Convergence Angle: -0°29'47"



Scale Factors and Convergence Angle based on the 2017.50 Epoch.

Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33 11 03.82952	-117° 09' 11.57461	2011916.908	6285329.585	714.05

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-006" FLUSH WITH TOP OF CURB AT THE EASTERLY END OF PARKING LOT ROUNDABOUT, 95' +/- SOUTHWEST OF SNACK BAR BUILDING.



GPS #: CP-007

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1108/J-3

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.9999580416

Orthometric Ht. Scale Factor: 0.9999728257

Combined Scale Factor: 0.9999308684

Convergence Angle: -0°29'59"

Scale Factors and Convergence Angle based on the 2017.50 Epoch.



Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33 10 24.57515	-117° 09' 34.39241	2007966.453	6283355.84	677.95

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-007" FLUSH WITH BACK OF SIDEWALK AT THE NORTHEAST CORNER OF THE INTERSECTION OF NORTH TWIN OAKS VALLEY RD. AND LA CIENEGA RD.



GPS #: CP-008

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1108/G-4

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.9999584624

Orthometric Ht. Scale Factor: 0.9999654968

Combined Scale Factor: 0.9999239607

Convergence Angle: -0°30'35"

Scale Factors and Convergence Angle based on the 2017.50 Epoch.



Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 09' 54.19837	-117° 10' 38.87250	2004944.659	6277848.113	831.531

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-003" FLUSH WITH BACK OF SIDEWALK ON CATCH BASIN 1322, IN FRONT OF 821 VIA BARQUERO.



GPS #: CP-009

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1108/H-5

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.9999589558

Orthometric Ht. Scale Factor: 0.9999729506

Combined Scale Factor: 0.9999319075

Convergence Angle: -0°30'08"

Scale Factors and Convergence Angle based on the 2017.50 Epoch.



Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 09' 20.41043	-117° 09' 50.56347	2001493.566	6281924.545	675.64

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-009" FLUSH WITH TOP OF CURB AT THE NORTHWEST SIDE OF CHESAPEAKE CT. CUL-DE-SAC, 8' SOUTHEAST OF FIRE HYDRANT, NORTH OF CATCH BASIN 1017, IN FRONT OF 129 CHESAPEAKE CT.



GPS #: CP-010

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1108/J-7

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.9999595927

Orthometric Ht. Scale Factor: 0.9999765046

Combined Scale Factor: 0.9999360982

Convergence Angle: -0°29'47"

Scale Factors and Convergence Angle based on the 2017.50 Epoch.



Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 08' 39.25931	-117° 09' 11.23616	1997305.433	6285231.787	601.32

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-010" FLUSH WITH THE TOP OF CURB ON CATCH BASIN 0825 IN FRONT OF 456 EAST MISSION RD, 180' +/- EAST OF FALCON PL.



GPS #: CP-011

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1129/A-1

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.9999601145

Orthometric Ht. Scale Factor: 0.9999729368

Combined Scale Factor: 0.9999330524

Convergence Angle: -0°29'29"

Scale Factors and Convergence Angle based on the 2017.50 Epoch.



Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 08' 07.30248	-117° 08' 39.76882	1994052.607	6287879.512	675.82

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-011" FLUSH WITH SIDEWALK, 30' +/- EAST OF THE DRIVEWAY ENTRANCE TO THE ALDER GLEN TOT LOT.



GPS #: CP-012

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1109/C-7

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.9999596287

Orthometric Ht. Scale Factor: 0.9999716398

Combined Scale Factor: 0.9999312697

Convergence Angle: -0°29'02"

Scale Factors and Convergence Angle based on the 2017.50 Epoch.



Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 08' 37.00243	-117° 07' 50.94393	1997018.935	6292056.505	702.62

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-012" FLUSH WITH THE BACK OF SIDEWALK IN FRONT OF 1260 SUTTER LN, 60' +/- WEST OF THE NORTHWEST INTERSECTION OF CAMINO MATEO AND SUTTER LN.



GPS #: CP-013

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1129/D-1

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.9999602609

Orthometric Ht. Scale Factor: 0.9999710826

Combined Scale Factor: 0.9999313446

Convergence Angle: -0°28'42"

Scale Factors and Convergence Angle based on the 2017.50 Epoch.



Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 07' 58.59244	-117° 07' 14.43491	1993110.895	6295128.202	714.20

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-013" FLUSH WITH SIDEWALK ON THE EASTERLY SIDE OF NORDAHL RD, 138' +/- NORTHEAST OF WESTBOUND HIGHWAY 78 OFF-RAMP.



GPS #: CP-014

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1129/B-2

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.9999604925

Orthometric Ht. Scale Factor: 0.9999688624

Combined Scale Factor: 0.9999293562

Convergence Angle: -0°29'14"



Scale Factors and Convergence Angle based on the 2017.50 Epoch.

Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 07' 45.02042	-117° 08' 12.34365	1991780.72	6290192.351	760.91

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-014" FLUSH WITH THE TOP OF THE NORTHWEST CORNER OF A CATCH BASIN, 105' +/- EASTERLY OF DRIVEWAY TO 1111 LA MOREE RD.



GPS #: CP-015

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1129/A-3

Zone: California Coordinate System, CCS 83, Zone 6

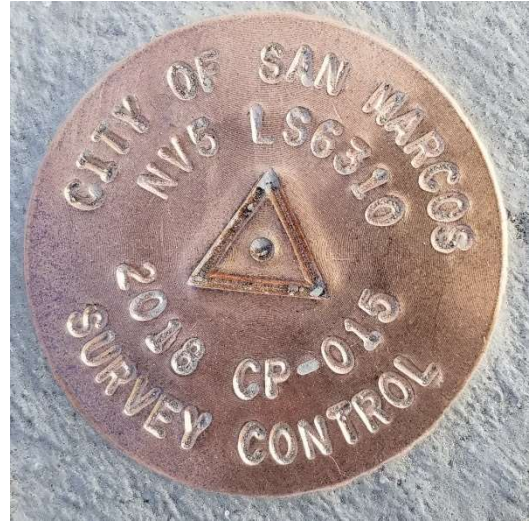
Datum: NAVD88

Grid Scale Factor: 0.9999611446

Orthometric Ht. Scale Factor: 0.9999469897

Combined Scale Factor: 0.9999081364

Convergence Angle: -0°29'34"



Scale Factors and Convergence Angle based on the 2017.50 Epoch.

Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 07' 08.08082	-117° 08' 47.91294	1988073.241	6287135.535	1218.25

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-015" FLUSH WITH TOP OF CATCH BASIN 0376, AT THE INTERSECTION OF WASHINGTONIA DR. AND CORONADO HILLS DR.



GPS #: CP-016

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1128/J-2

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.9999606459

Orthometric Ht. Scale Factor: 0.9999704618

Combined Scale Factor: 0.9999311088

Convergence Angle: -0°29'56"

Scale Factors and Convergence Angle based on the 2017.50 Epoch.

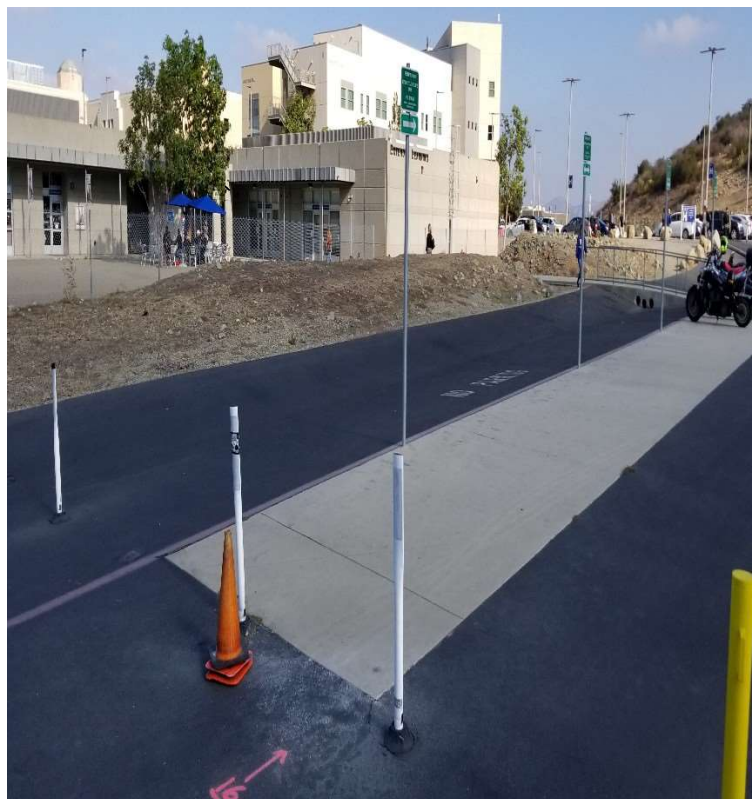


Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 07' 36.16730	-117° 09' 27.90433	1990941.264	6283759.103	727.85

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-016" FLUSH WITH SIDEWALK AT CAL STATE UNIVERSITY, SAN MARCOS, AT THE END OF WALK WAY IN PARKING LOT F, 145' +/- SOUTHERLY OF BUILDING 55.



GPS #: CP-017

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1128/H-1

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.9999601037

Orthometric Ht. Scale Factor: 0.9999778625

Combined Scale Factor: 0.9999379671

Convergence Angle: -0°30'07"

Scale Factors and Convergence Angle based on the 2017.50 Epoch.



Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 08' 07.94784	-117° 09' 47.80663	1994167.983	6282094.758	573.21

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-017" FLUSH ON THE SOUTHERLY SIDEWALK, 128' +/- EAST OF THE INTERSECTION OF TWIN OAKS VALLEY RD. AND E. CARMEL ST, ACROSS THE STREET FROM GAS STATION.



GPS #: CP-018

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1128/H-1

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

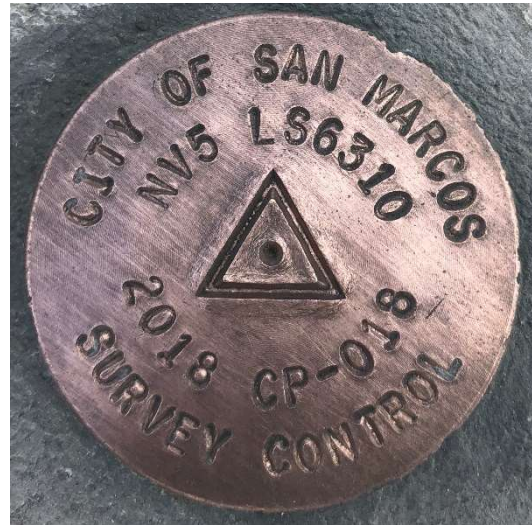
Grid Scale Factor: 0.9999594738

Orthometric Ht. Scale Factor: 0.9999778335

Combined Scale Factor: 0.9999373082

Convergence Angle: -0°30'36"

Scale Factors and Convergence Angle based on the 2017.50 Epoch.



Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
CP-2017.50	33° 08' 46.75113	-117° 10' 40.84519	1994167.983	6282094.758	463.23

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-018" FLUSH WITH THE TOP OF CURB, AT THE SOUTHWEST CORNER OF CATCH BASIN 0004, 106' +/- NORTHERLY OF INTERSECTION OF MISSION RD. AND ABERDEEN AVE.



GPS #: CP-019

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1108/E-5

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.9999588542

Orthometric Ht. Scale Factor: 0.9999761493

Combined Scale Factor: 0.9999350045

Convergence Angle: -0°30'55"

*Scale Factors and Convergence Angle based
on the 2017.50 Epoch.*



Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 09' 27.21863	-117° 11' 16.10580	2002246.226	6274658.681	609.19

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-019" FLUSH WITH THE TOP OF THE NORTHWEST CORNER OF CATCH BASIN 0296, 92' +/- EAST OF THE INTERSECTION OF CORTE GALANTE AND CAMINO DEL SOL.



GPS #: CP-020

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1108/D-3

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

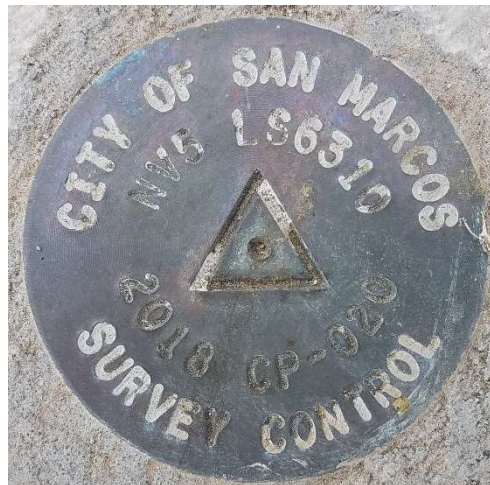
Grid Scale Factor: 0.9999582502

Orthometric Ht. Scale Factor: 0.9999749687

Combined Scale Factor: 0.9999332199

Convergence Angle: -0°31'17"

Scale Factors and Convergence Angle based on the 2017.50 Epoch.



Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33 10 09.32289	-117° 11' 55.37878	2006531.75	6271358.835	633.92

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-020" FLUSH WITH FIRE HYDRANT PAD AT THE NORTHEAST CORNER OF THE INTERSECTION OF BELLA VISTA DR. AND MIRA SOL DR.



GPS #: CP-021

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1108/C-5

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.9999587506

Orthometric Ht. Scale Factor: 0.9999842232

Combined Scale Factor: 0.9999429744

Convergence Angle: -0°31'37"

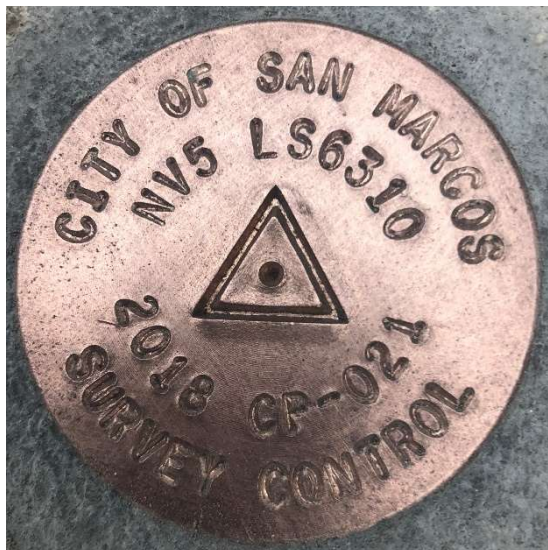
*Scale Factors and Convergence Angle based
on the 2017.50 Epoch.*

Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 09' 34.24142	-117° 12' 32.52038	2003015.082	6268169.268	440.82

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS
SURVEY CONTROL NV5 LS6310 2018 CP-021" FLUSH
WITH THE TOP OF CURB, 113' +/- NORTHWEST OF THE
INTERSECTION OF MIMOSA AVE AND POINSETTIA AVE,
40' +/- SOUTHEAST OF DRIVEWAY TO RIVER FAMILY
CHURCH, SOUTH OF HIGHWAY 78.



GPS #: CP-022

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1108/D-6

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.9999593454

Orthometric Ht. Scale Factor: 0.9999773612

Combined Scale Factor: 0.9999367076

Convergence Angle: -0°31'18"

*Scale Factors and Convergence Angle based
on the 2017.50 Epoch.*

Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 08' 54.93208	-117° 11' 56.68532	1999014.365	6271179.344	584.16

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS
SURVEY CONTROL NV5 LS6310 2018 CP-022" FLUSH
WITH CONCRETE IN THE CENTER MEDIAN, 150' +/-
SOUTHWEST OF THE INTERSECTION OF RANCHO
SANTA FE RD. AND DESCANSO AVE.



GPS #: CP-023

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1108/E-7

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

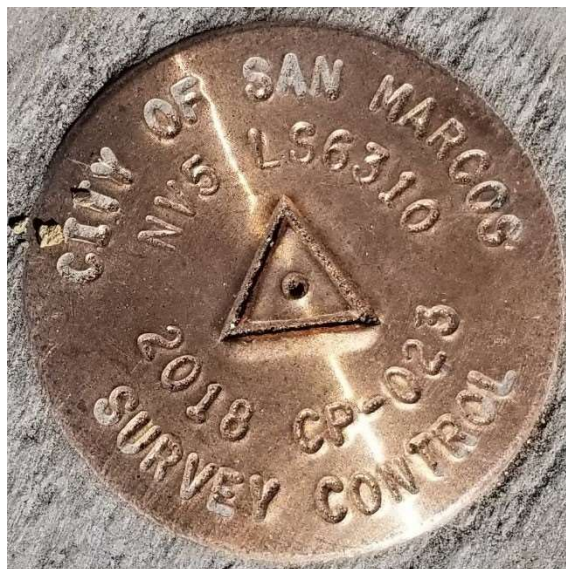
Grid Scale Factor: 0.9999598966

Orthometric Ht. Scale Factor: 0.9999797402

Combined Scale Factor: 0.9999396376

Convergence Angle: -0°30'58"

Scale Factors and Convergence Angle based on the 2017.50 Epoch.



Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 08' 20.46807	-117° 11' 21.88977	1995504.431	6271179.344	534.39

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-023" FLUSH WITH CATCH BASIN 0897, ON THE EASTERLY SIDE OF VIA VERA CRUZ, 150' +/- NORTH OF INTERSECTION OF VIA VERA CRUZ AND LINDA VISTA DR.



GPS #: CP-024

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1128/F-2

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.9999605861

Orthometric Ht. Scale Factor: 0.9999747966

Combined Scale Factor: 0.9999353837

Convergence Angle: -0°30'39"

Scale Factors and Convergence Angle based on the 2017.50 Epoch.

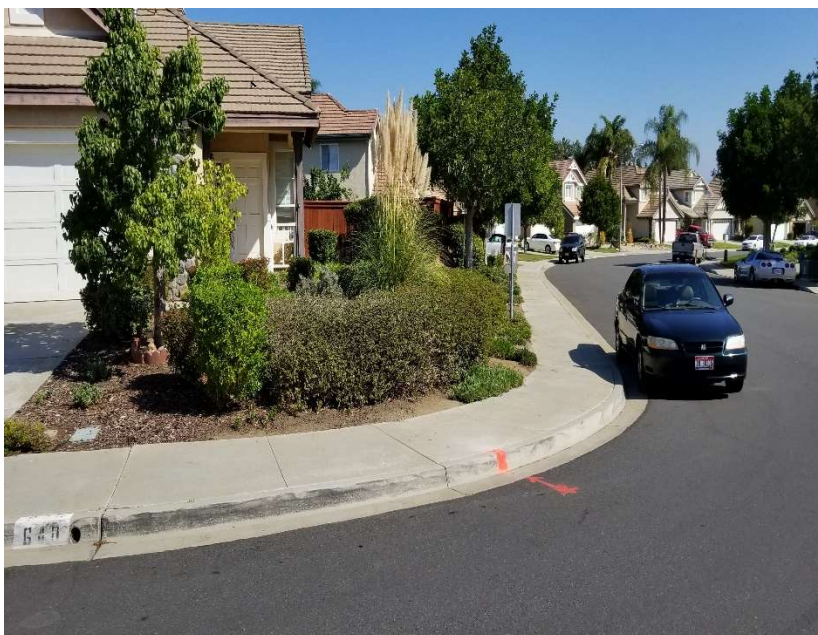


Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 07' 39.60641	-117° 10' 46.91662	1991348.048	6277043.052	637.63

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-024" FLUSH WITH THE TOP OF CURB, IN FRONT OF 640 SHENANDOAH AVE.



GPS #: CP-025

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1128/H-3

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.9999611566

Orthometric Ht. Scale Factor: 0.9999684003

Combined Scale Factor: 0.9999295582

Convergence Angle: -0°30'10"

Scale Factors and Convergence Angle based on the 2017.50 Epoch.

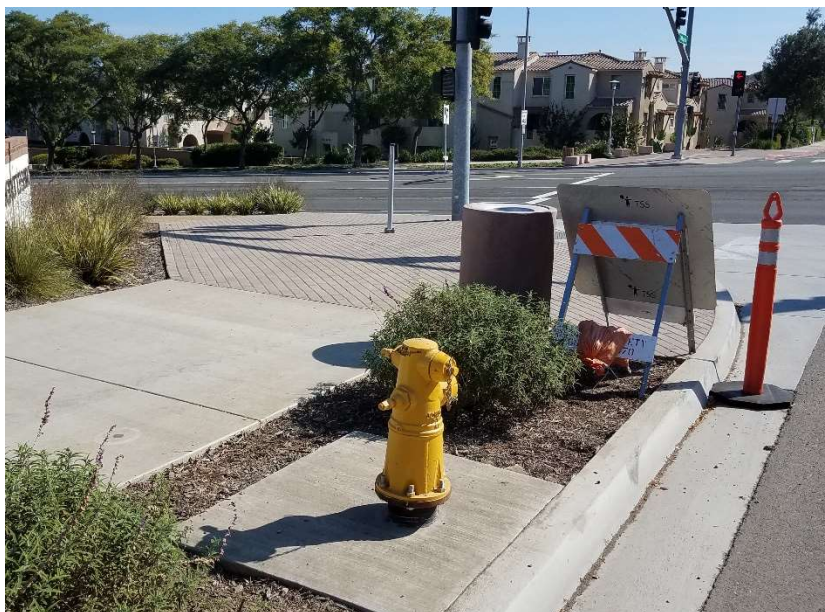


Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 07' 07.41675	-117° 09' 53.80046	1988054.807	6281531.414	771.11

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-025" FLUSH WITH THE SIDEWALK, ON THE NORTH SIDE OF SANTA BARBARA DR. 50' +/- WEST OF THE INTERSECTION OF TWIN OAKS VALLEY RD. AND SANTA BARBARA DR.



GPS #: CP-026

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1128/G-6

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.9999626103

Orthometric Ht. Scale Factor: 0.9999628281

Combined Scale Factor: 0.9999254398

Convergence Angle: -0°30'29"

*Scale Factors and Convergence Angle based
on the 2017.50 Epoch.*



Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 05' 50.88280	-117° 10' 28.79747	1980346.094	6278486.424	887.93

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS
SURVEY CONTROL NV5 LS6310 2018 CP-026" FLUSH
WITH GROUND IN A 2" IRON PIPE, 5' WEST OF EDGE
OF PAVEMENT, 150' +/- NORTH OF INTERSECTION
OF ATTEBURY DR. AND QUESTHAVEN RD.



GPS #:

CP-027

Date Destroyed:

Date Revised:

7/24/2019

Thomas Bros. Page/Grid:

1128/G-5

Zone:
6

California Coordinate System, CCS 83, Zone

Datum:

NAVD88

Grid Scale Factor:

0.9999617876

Orthometric Ht. Scale Factor:

0.9999281271

Combined Scale Factor:

0.9998899175

Convergence Angle:

-0°30'36"



*Scale Factors and Convergence Angle based
on the 2017.50 Epoch.*

Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 06' 33.30584	-117° 10' 41.12940	1984642.933	6277475.541	1613.10

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-027" FLUSH WITH TOP OF CURB, NORTHWEST CORNER OF PARKING LOT OF DOUBLE PEAK PARK.



GPS #: CP-028

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1128/E-3

City / Location: San Marcos

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.9999611084

Orthometric Ht. Scale Factor: 0.9999706242

Combined Scale Factor: 0.9999317338

Convergence Angle: -0°30'58"



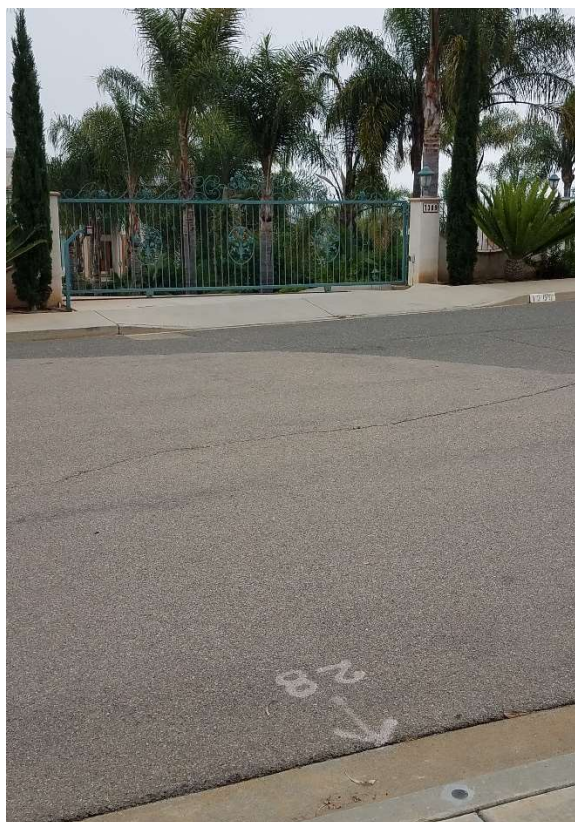
Scale Factors and Convergence Angle based on the 2017.50 Epoch.

Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 07' 10.08504	-117° 11' 21.96328	1988391.159	6274035.863	725.05

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-028" FLUSH WITH TOP OF CURB, SOUTH SIDE OF VISTA COLINA DR., ACROSS STREET FROM 1309 VISTA COLINA DR. DRIVEWAY.



GPS #: **CP-029**

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1128/D-2

City / Location: San Marcos

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.999960388

Orthometric Ht. Scale Factor: 0.9999806164

Combined Scale Factor: 0.9999410047

Convergence Angle: -0°31'21"

Scale Factors and Convergence Angle based on the 2017.50 Epoch.



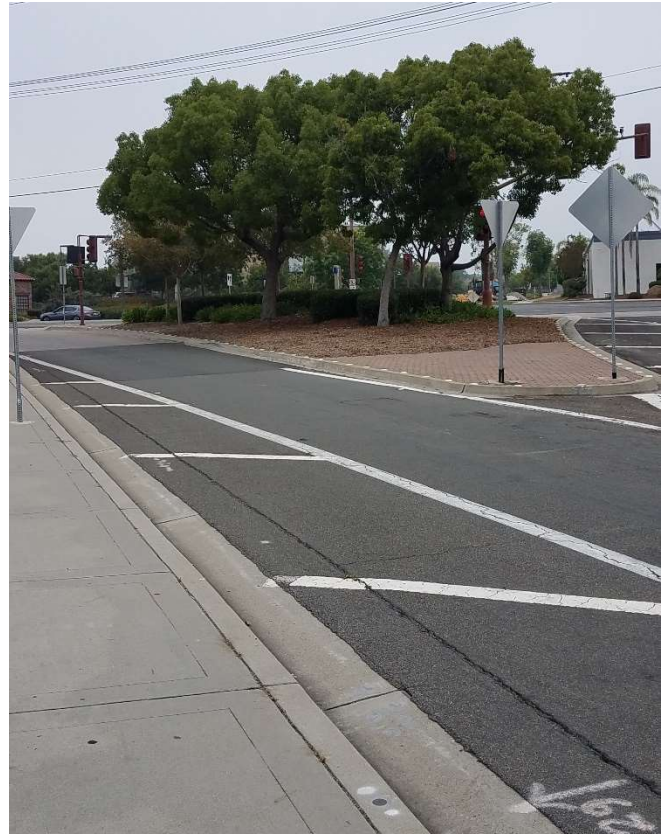
Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33 07 51.14226	-117° 12' 03.83819	1992572.927	6270512.414	516.358

References:

ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-028" FLUSH WITH TOP OF CURB, WEST SIDE OF DISCOVERY ST. 150' +/- SOUTHEASTERLY OF INTERSECTION OF DISCOVERY ST. AND SAN MARCOS BLVD.



GPS #: CP-030

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1108/B-7

City / Location: San Marcos

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.999959578

Orthometric Ht. Scale Factor: 0.999978989

Combined Scale Factor: 0.999938568

Convergence Angle: -0°31'51"

Scale Factors and Convergence Angle based on the 2017.50 Epoch.



Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 08' 40.16931	-117° 12' 57.01547	1997569.454	6266036.386	550.483

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-028" FLUSH WITH TOP OF CURB, NORTHERLY SIDEWALK OF CUL-DE-SAC OF ARBORVIEW DR. AND EAST OF POINSETTIA AVE.



GPS #: CP-031

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1128/A-2

City / Location: San Marcos

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.9999603482

Orthometric Ht. Scale Factor: 0.9999810511

Combined Scale Factor: 0.9999414

Convergence Angle: -0°32'13"



Scale Factors and Convergence Angle based on the 2017.50 Epoch.

Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 07' 53.44742	-117° 13' 36.94849	1992879.105	6262596.969	507.734

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-031" FLUSH WITH CONCRETE OF CENTER MEDIAN OF WEST SAN MARCOS BLVD. 400' +/- EAST OF BUSINESS PARK DR.



GPS #: CP-032

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1128/B-4

City / Location: San Marcos

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.9999610667

Orthometric Ht. Scale Factor: 0.9999763962

Combined Scale Factor: 0.9999374638

Convergence Angle: -0°32'13"



Scale Factors and Convergence Angle based on the 2017.50 Epoch.

Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 07' 12.39819	-117° 12' 56.69178	1988698.544	6265981.741	604.921

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-032" FLUSH WITH TOP OF CURB, 40' +/- SOUTH OF SOUTHEASTERLY BCR OF INTERSECTION OF HERMOSITA DR AND COMINO DEL ARROYO DR.



GPS #: CP-033

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1128/E-6

City / Location: San Marcos

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

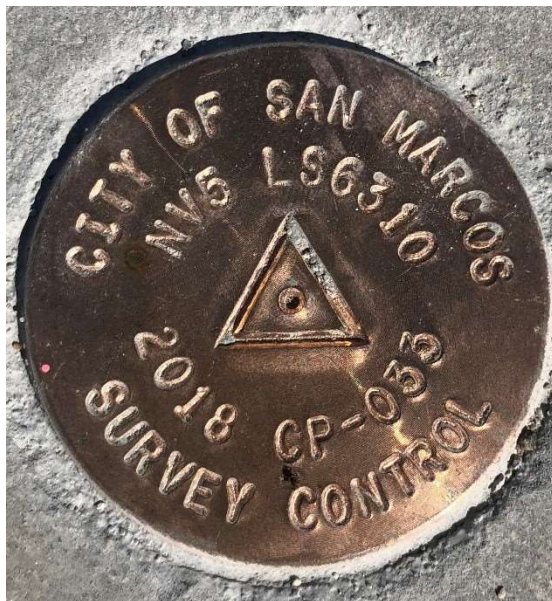
Grid Scale Factor: 0.9999625481

Orthometric Ht. Scale Factor: 0.9999711555

Combined Scale Factor: 0.9999337046

Convergence Angle: -0°31'05"

*Scale Factors and Convergence Angle based
on the 2017.50 Epoch.*



Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 05' 54.01647	-117° 11' 33.94733	1980712.432	6272947.149	714.232

ROS No. 23731

GPS #: CP-034

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1128/D-7

City / Location: San Marcos

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.9999628614

Orthometric Ht. Scale Factor: 0.9999811185

Combined Scale Factor: 0.9999439806

Convergence Angle: -0°31'30"



Scale Factors and Convergence Angle based on the 2017.50 Epoch.

Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 08' 40.16931	-117° 12' 57.01547	1979164.504	6268996.77	506.327

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-034" FLUSH WITH CATCH BASIN 1058, SOUTH SIDE OF SAN ELIJO RD. AND HIDDEN CANYON RD. ENTRANCE TO CLOSED DUMP.



GPS #: CP-035

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1128/B-6

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

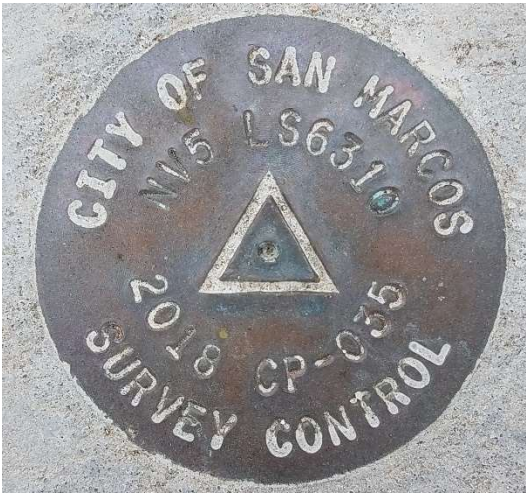
Grid Scale Factor: 0.9999623255

Orthometric Ht. Scale Factor: 0.9999871847

Combined Scale Factor: 0.9999495107

Convergence Angle: -0°31'49"

Scale Factors and Convergence Angle based on the 2017.50 Epoch.



Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 06' 05.32446	-117° 12' 54.28226	1981917.803	6266123.913	379.663

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-035" FLUSH WITH TOP OF HEADWALL, AT TRAIL ENTRANCE NORTHEASTERLY SIDE OF MELROSE DR. 88'+/- NORTH OF INTERSECTION OF MELROSE DR. AND LONGSTAFF CT.



GPS #: CP-036

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1127/J-3

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

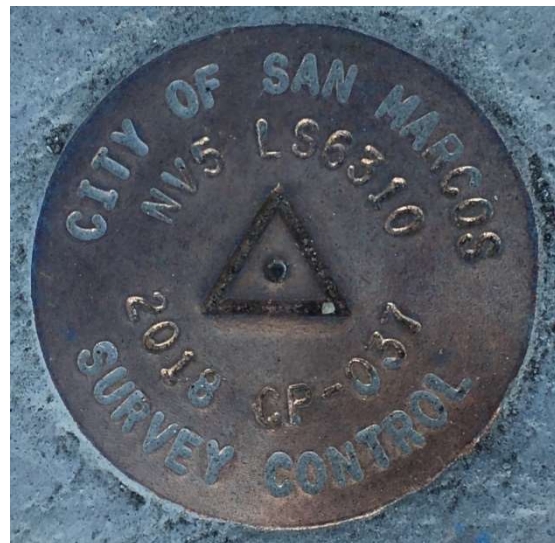
Grid Scale Factor: 0.9999616003

Orthometric Ht. Scale Factor: 0.9999836433

Combined Scale Factor: 0.9999520673

Convergence Angle: -0°32'32"

Scale Factors and Convergence Angle based on the 2017.50 Epoch.



Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 06' 43.27810	-117° 13' 33.12639	1985784.359	6262855.602	453.76

References: ROS No. 23731

Description:

2" BRASS CAP STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-022" FLUSH WITH CONCRETE IN CENTER MEDIAN, 150' +/- SOUTHWEST OF THE INTERSECTION OF RANCHO SANTA FE AND DESCANSO AVE



GPS #:

CP-037

Date Destroyed:

Date Revised:

7/24/2019

Thomas Bros. Page/Grid:

1127/J-3

Zone:

California Coordinate System, CCS 83, Zone 6

Datum:

NAVD88

Grid Scale Factor:

0.999960937

Orthometric Ht. Scale Factor:

0.99999113

Combined Scale Factor:

0.9999520673

Convergence Angle:

-0°32'32"



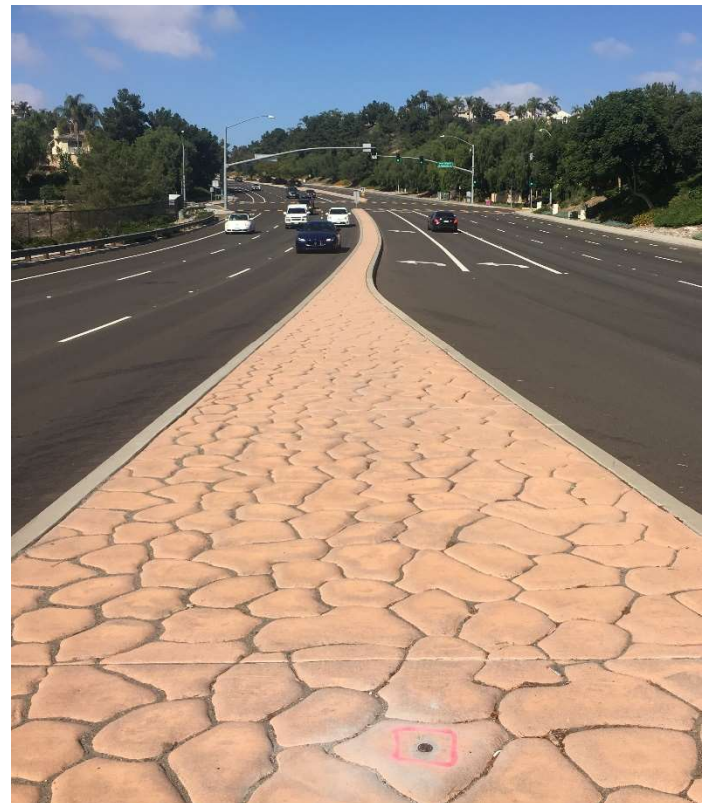
Scale Factors and Convergence Angle based on the 2017.50 Epoch.

Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 07' 19.64890	-117° 14' 12.63832	1989491.82	6259529.783	297.404

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-037" FLUSH WITH CONCRETE OF CENTER MEDIAN OF RANCHO SANTA FE RD. 300' +/- SOUTH OF INTERSECTION OF RANCHO SANTA FE RD. AND REDWING ST.



GPS #: CP-038

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1128/A-7

City / Location: San Marcos

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.9999627625

Orthometric Ht. Scale Factor: 0.9999804263

Combined Scale Factor: 0.9999431896

Convergence Angle: -0°32'07"



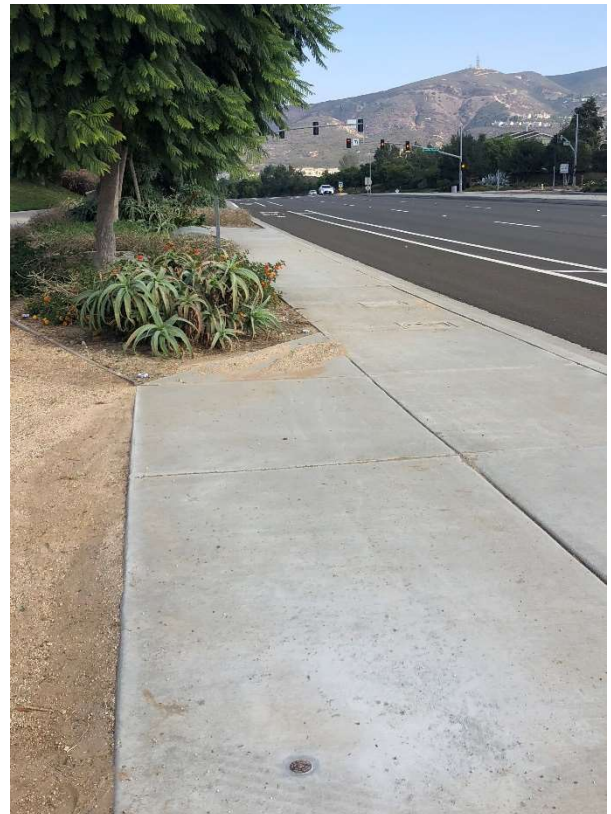
Scale Factors and Convergence Angle based on the 2017.50 Epoch.

Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 05' 43.25857	-117° 13' 27.14887	1979713.707	6263307.331	521.15

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-038" FLUSH WITH BACK OF WALK, WEST SIDE OF RANCHO SANTA FE RD. 290' +/- NORTHEASTERLY OF DRIVEWAY OF CARLSBAD FIRE STATION No. 6.



GPS #: CP-039

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1148/B-2

City / Location: San Marcos

Zone: California Coordinate System, CCS 83, Zone 6

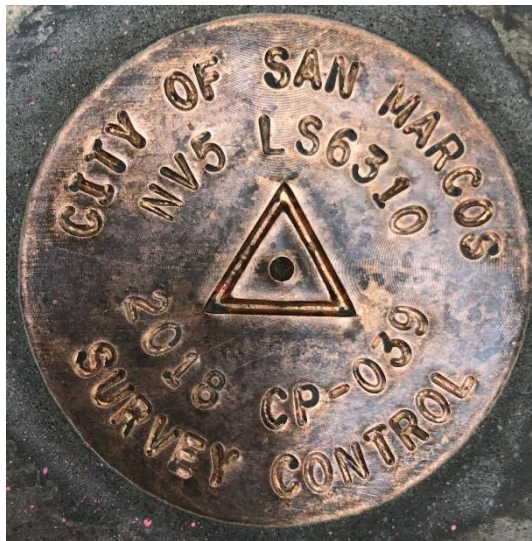
Datum: NAVD88

Grid Scale Factor: 0.9999639789

Orthometric Ht. Scale Factor: 0.9999838524

Combined Scale Factor: 0.9999478319

Convergence Angle: -0°31'59"



Scale Factors and Convergence Angle based on the 2017.50 Epoch.

Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33 04 44.63405	-117° 13' 11.71047	1973776.558	6264565.547	449.661

References: ROS No. 23731

Description:

2" BRASS DISC STAMPED "CITY OF SAN MARCOS SURVEY CONTROL NV5 LS6310 2018 CP-039" FLUSH WITH TOP OF CURB, 15' +/- SOUTH OF SOUTHEAST BCR OF INTERSECTION OF CAMINO JUNIPERO AND CAMINO BELLO.



GPS #: CP-102

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1108/D-6

City / Location: San Marcos

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.9999592992

Orthometric Ht. Scale Factor: 0.9999771936

Combined Scale Factor: 0.9999364938

Convergence Angle: -0°31'17"



Scale Factors and Convergence Angle based on the 2017.50 Epoch.Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 08' 57.90325	-117° 11' 55.75289	1999313.928	6271261.35	587.648

References: CALTRANS SURVEY REQUEST SD-12-197

ROS No. 23731

Description:

2" BRASS DISC STAMPED "CALIF. DEPT. OF TRANSPORTATION 78-10.62 2012" FLUSH WITH TOP OF PLANTER WALL AT BACK OF SIDEWALK, 10' +/- SOUTHWESTERLY OF DRIVEWAY OF 76 GAS STATION ON RANCHO SANTA FE RD.



GPS #: CP-103

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1108/E-7

City / Location: San Marcos

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.9999598397

Orthometric Ht. Scale Factor: 0.9999791136

Combined Scale Factor: 0.9999389541

Convergence Angle: -0°30'47"



Scale Factors and Convergence Angle based on the 2017.50 Epoch.

Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 08' 23.95194	-117° 11' 01.21163	1995840.739	6275867.564	547.37

References: CALTRANS SURVEY REQUEST SD-12-197
ROS No. 23731

Description:

2" BRASS DISC STAMPED "CALIF. DEPT. OF TRANSPORTATION 78-11.7 2012" FLUSH WITH SIDEWALK, EDGE OF COMMUNICATION BOX BACK OF WALK 80' +/- SOUTHEASTERLY FROM LINDA VISTA DR. BETWEEN LINDA VISTA DR. AND SOUTH BENT AVE.



GPS #: CP-104

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1128/H-1

City / Location: San Marcos

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.9999603026

Orthometric Ht. Scale Factor: 0.9999772766

Combined Scale Factor: 0.9999375801

Convergence Angle: -0°30'08"



Scale Factors and Convergence Angle based on the 2017.50 Epoch.

Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 07' 56.12731	-117° 09' 50.21993	1992975.125	6281879.081	585.49

References: CALTRANS SURVEY REQUEST SD-12-197
ROS No. 23731

Description:

2" BRASS DISC STAMPED "CALIF. DEPT. OF TRANSPORTATION 78-13.0R 2012" FLUSH WITH SIDEWALK, EDGE OF COMMUNICATION BOX BACK OF WALK 80' +/- SOUTHEASTERLY FROM LINDA VISTA DR. BETWEEN LINDA VISTA DR. AND SOUTH BENT AVE.



GPS #: CP-105

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1108/J-7

City / Location: San Marcos

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.9999596867

Orthometric Ht. Scale Factor: 0.9999767674

Combined Scale Factor: 0.9999364551

Convergence Angle: -0°29'51"



Scale Factors and Convergence Angle based on the 2017.50 Epoch.

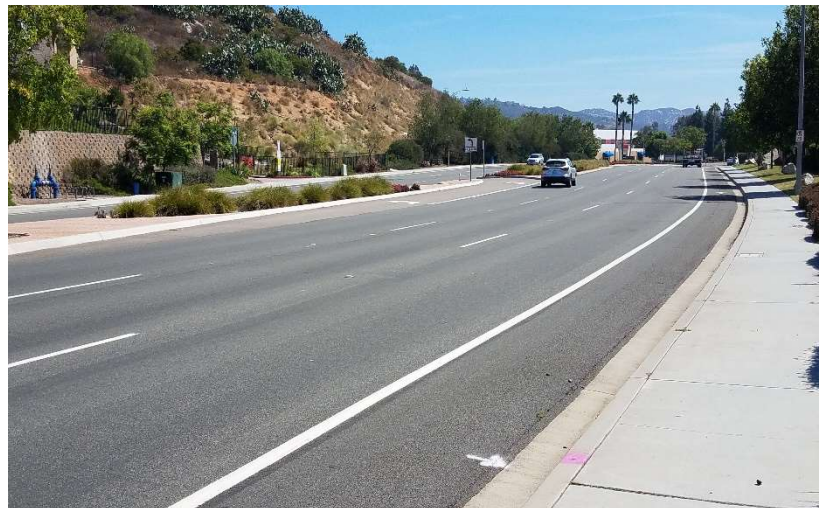
Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33 08 33.38856	-117° 09' 19.28565	1996718.033	6284542.247	595.88

References: CALTRANS SURVEY REQUEST SD-12-197

ROS No. 23731

Description:

2" BRASS DISC STAMPED "CALIF. DEPT. OF TRANSPORTATION 78-13.5L 2012" FLUSH WITH TOP OF CURB, SOUTH SIDE OF MISSION RD. 215' +/- WESTERLY OF DRIVEWAY TO MISSION VILLAS.



GPS #: **CP-106**

Date Destroyed:

Date Revised: 7/24/2019

Thomas Bros. Page/Grid: 1129/B-1

City / Location: San Marcos

Zone: California Coordinate System, CCS 83, Zone 6

Datum: NAVD88

Grid Scale Factor: 0.9999599744

Orthometric Ht. Scale Factor: 0.9999742889

Combined Scale Factor: 0.9999342643

Convergence Angle: -0°29'21"



Scale Factors and Convergence Angle based on the 2017.50 Epoch.

Epoch	Latitude	Longitude	Northing (ft)	Easting (ft)	Elevation (ft)
2017.50	33° 08' 15.74069	-117° 08' 24.68612	1994894.452	6289169.292	647.47

References: CALTRANS SURVEY REQUEST SD-12-197

ROS No. 23731

Description:

2" BRASS DISC STAMPED "CALIF. DEPT. OF TRANSPORTATION 78-14.25 2012" FLUSH WITH TOP OF HANDICAP RAP, WEST SIDE OF EASTERLY DRIVE WAY OF GRACE CHURCH ON BARHAM DR.

