



Date: December 15, 2021 **Time:** 16:53:07 UTC

Employee: N. Guenther

Job Name: CA Salton Sea

Point ID: GCP_051

State: California

Latitude: 33 15 05.57712

Longitude: -114 48 55.69466

Address and/or Intersection: Along Ben Hulse Hwy., San Pasqual Valley Unified

OBSERVATION METHOD

<input type="radio"/>	VRS GNSS	H RMS:	V RMS:	Duration:		
<input checked="" type="radio"/>	STATIC GNSS	Start Time: 16:53:07 UTC		End Time: 22:40:30 UTC		
<input type="radio"/>	Conventional Pairs VRS	Point Number: _____	RMS: _____	H: _____	V: _____	Duration: _____
<input type="radio"/>	Conventional Pairs STATIC	Point Number: _____	RMS: _____	H: _____	V: _____	Duration: _____
<input type="radio"/>	Occupied Point	Pt.# / HT: _____ / _____	B.S	Pt.# / HT: _____ / _____	F.S.	Pt.# / HT: _____ / _____
<input type="radio"/>	Back Sight Point	Distance: _____	Vertical Angle: _____	Angle: _____		
<input type="radio"/>	F.S. Point	Angle: _____	Vertical Angle: _____	Slope Dist: _____	Horizontal Dist: _____	

TYPE OF SURFACE

<input checked="" type="checkbox"/>	PAVEMENT
<input type="checkbox"/>	VEGETATION
<input type="checkbox"/>	BARE SOIL
<input type="checkbox"/>	NGS CONTROL

PICTURES

<input checked="" type="checkbox"/>	Photos of area & setup
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POINT RE-CHECK

Date: _____

Time: _____

Pt ID: _____

Description:

Sketch or Image of Area





POINT ID: GCP_051
MONUMENT PHOTO



Control
GCP_051
Pavement

12/15/2021

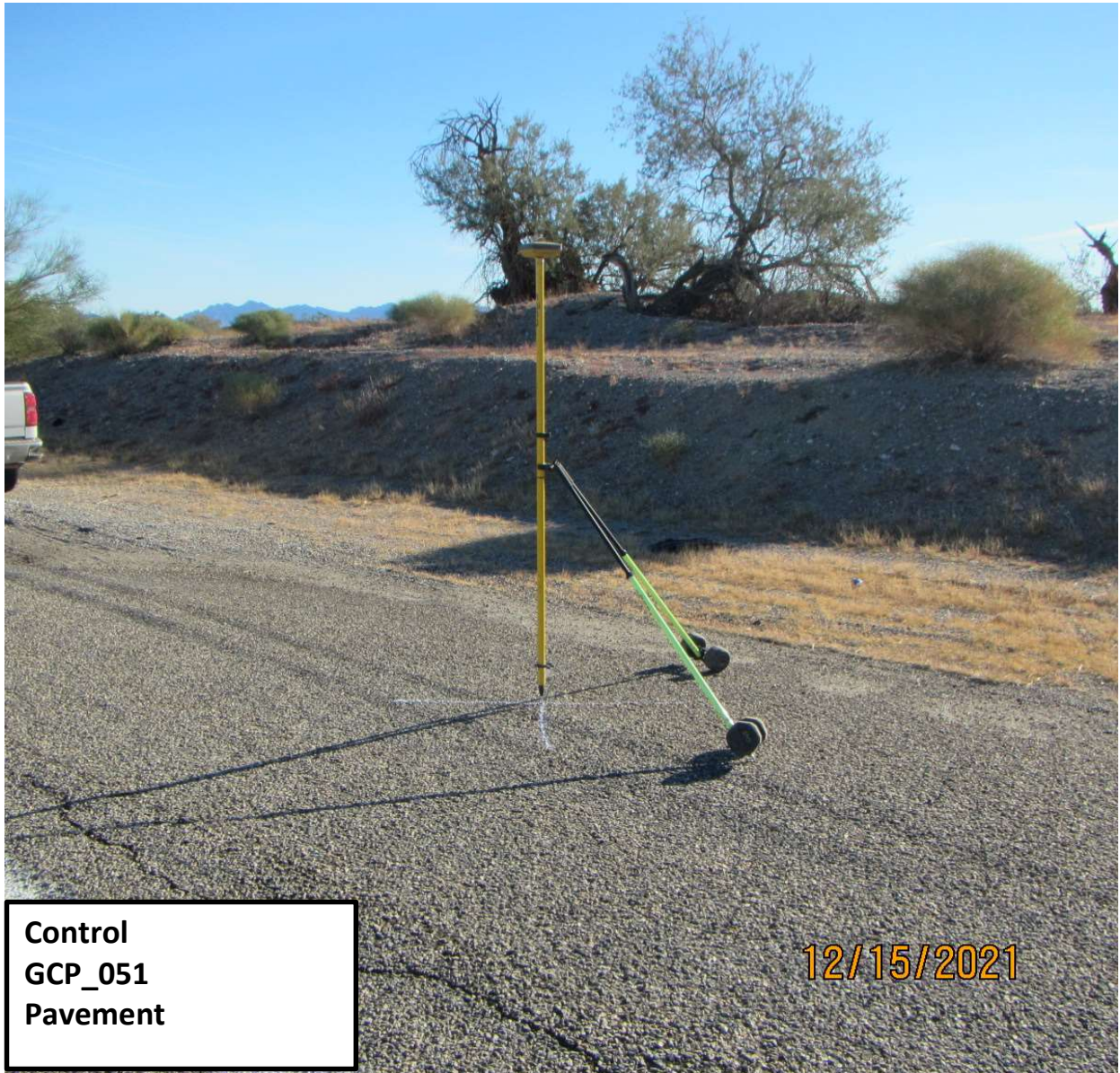


POINT ID: GCP_051
NORTH PHOTO





POINT ID: GCP_051
EAST PHOTO



Control
GCP_051
Pavement

12/15/2021



POINT ID: GCP_051
SOUTH PHOTO





POINT ID: GCP_051
WEST PHOTO





RINEX FILE: c054349q.21o

TIME: 18:18:42 UTC

SOFTWARE: page5 2008.25 master297.pl 16032 START: 2021/12/15 16:53:00
 EPHEMERIS: igr21883.eph [rapid] STOP: 2021/12/15 22:40:00
 NAV FILE: brdc3490.21n OBS USED: 12023 / 12975 : 93%
 ANT NAME: TPSHIPER_SR NONE # FIXED AMB: 82 / 83 : 99%
 ARP HEIGHT: 02.000 OVERALL RMS: 0.012(m)

REF FRAME: NAD_83(2011)(EPOCH:2010.0000) ITRF2014 (EPOCH:2021.9557)

X: -2240911.432(m) 0.020(m) -2240912.353(m) 0.020(m)
 Y: -4846339.563(m) 0.014(m) -4846338.207(m) 0.014(m)
 Z: 3477404.291(m) 0.013(m) 3477404.113(m) 0.013(m)

LAT: 33 15 5.57712 0.009(m) 33 15 5.58731 0.009(m)
 E LON: 245 11 4.30534 0.024(m) 245 11 4.25105 0.024(m)
 W LON: 114 48 55.69466 0.024(m) 114 48 55.74895 0.024(m)
 EL HGT: 148.521(m) 0.010(m) 147.718(m) 0.010(m)
 ORTHO HGT: 181.867(m) 0.064(m) [NAVD88 (Computed using GEOID18)]

UTM COORDINATES STATE PLANE COORDINATES

UTM (Zone 11) SPC (0406 CA 6)

Northing (Y) [meters]	3681302.149	621235.638
Easting (X) [meters]	703508.384	2133669.445
Convergence [degrees]	1.19822500	0.78830000
Point Scale	1.00011065	0.99995517
Combined Factor	1.00008733	0.99993185

US NATIONAL GRID DESIGNATOR: 11SQS0350881302(NAD 83)

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
DM7518	IID2 IID2_SCGN_CS1998	CORS ARP	N324222.193 W1150154.442	63776.4
DH8055	GLRS GLRS_SCGN_CS1999	CORS ARP	N331629.309 W1153116.890	65821.9
DL1884	AZU CITY OF YUMA	CORS ARP	N323930.045 W1143137.539	71100.2

NEAREST NGS PUBLISHED CONTROL POINT

DW9076	HPGN CA 11 12	N331526.311 W1144843.894	708.0
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