



Date: December 14, 2021 **Time:** 21:58:18 UTC

Employee: N. Guenther

Job Name: CA Salton Sea

Point ID: GCP_053

State: California

Latitude: 33 13 21.94997

Longitude: -114 51 04.30243

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: 21:58:18 UTC		End Time: 0:20:01 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
-------------------------------------	------------------------

POINT RE-CHECK

Date: _____

Time: _____

Pt ID: _____

Description:

Sketch or Image of Area





POINT ID: GCP_053
MONUMENT PHOTO



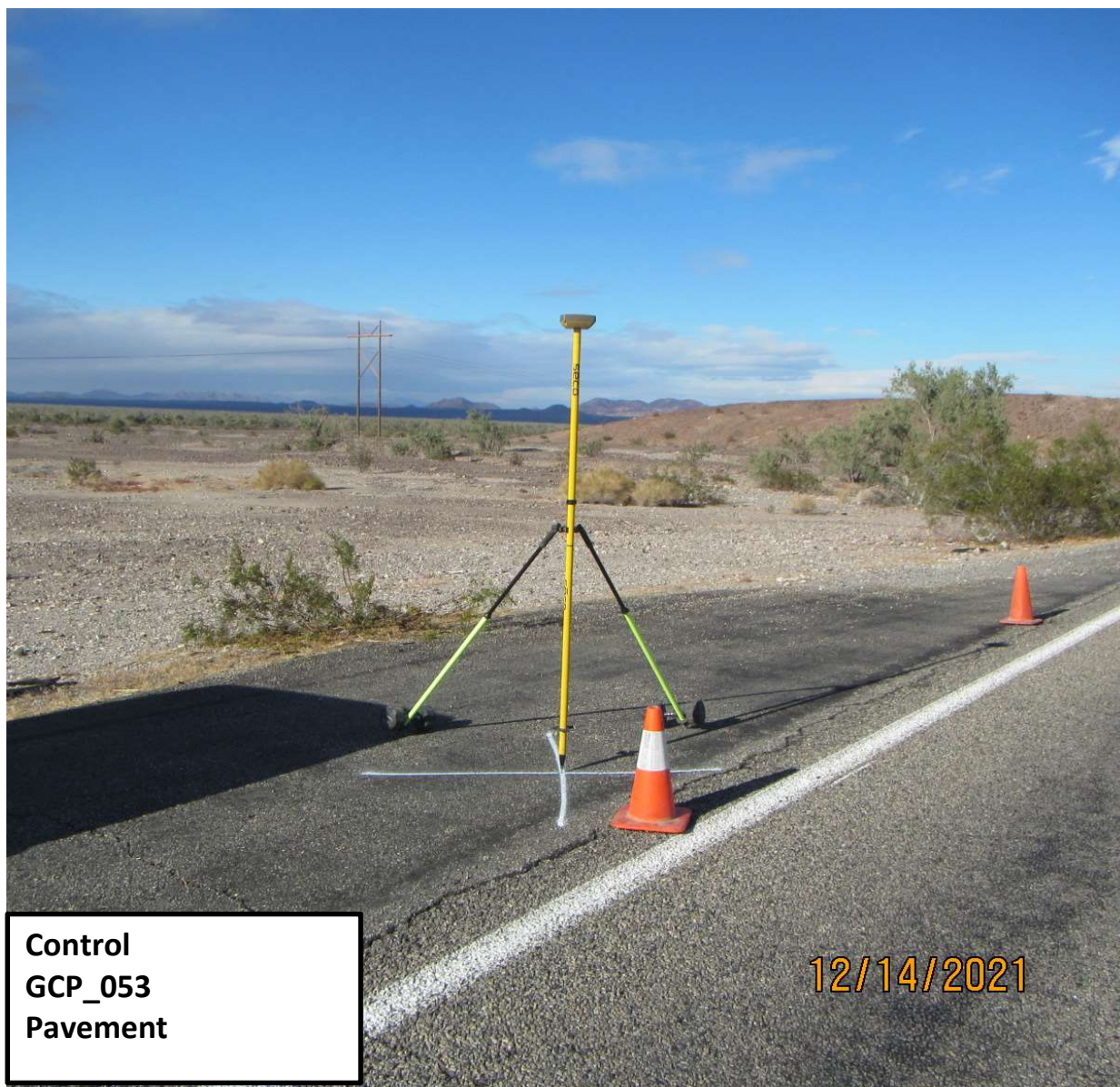
Control
GCP_053
Pavement

12/14/2021



POINT ID: GCP_053

NORTH PHOTO

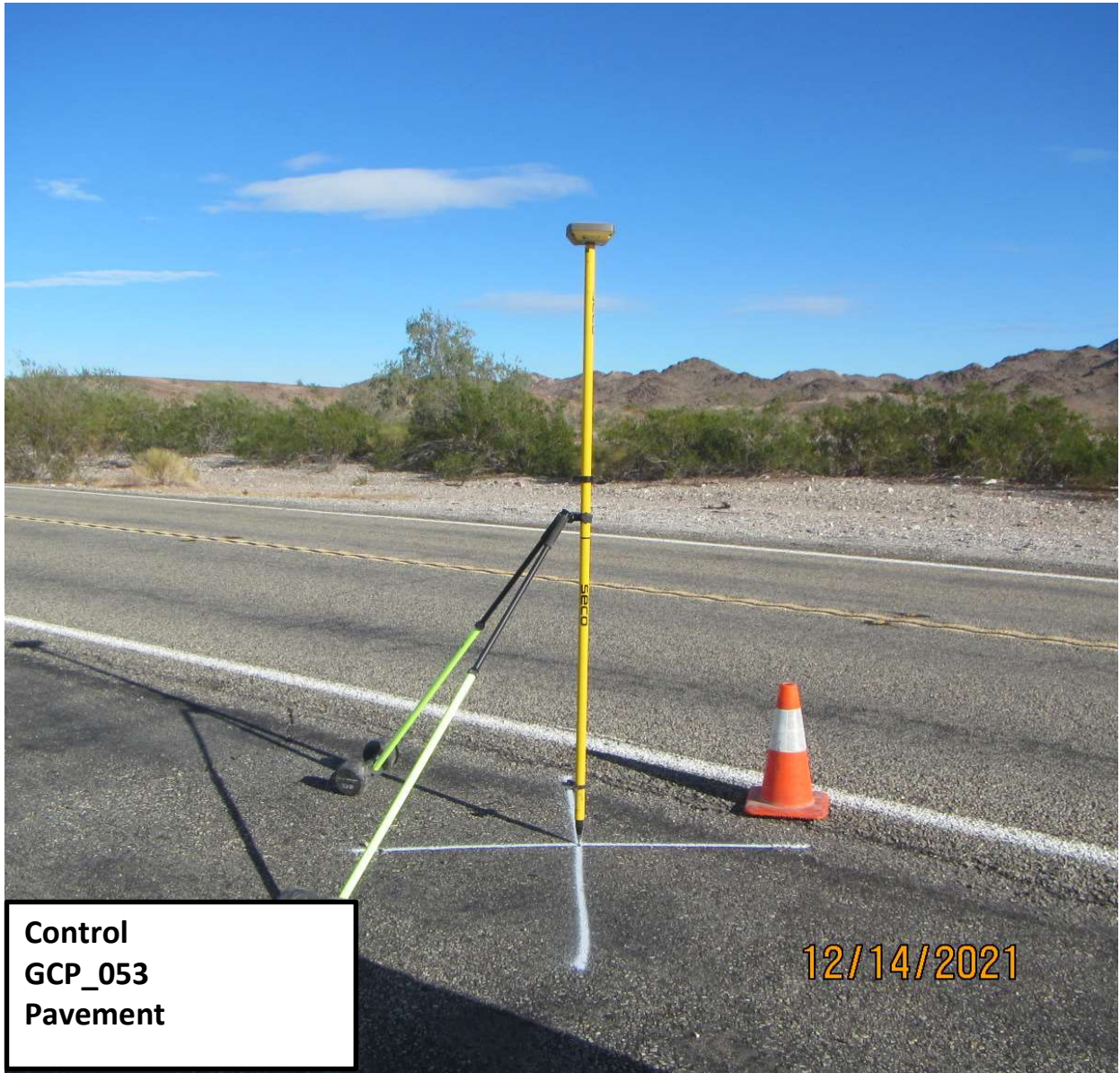


Control
GCP_053
Pavement

12/14/2021

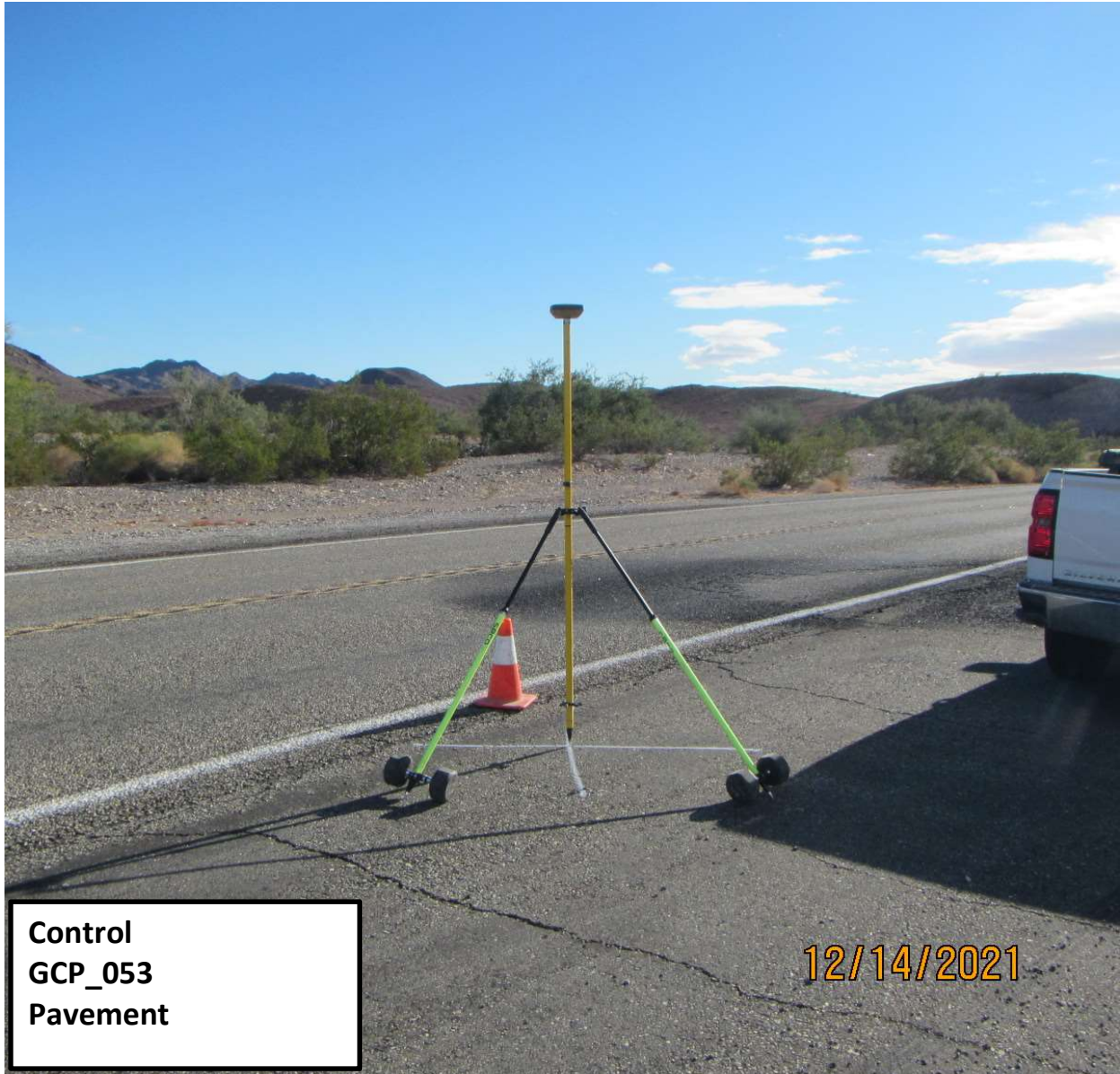


POINT ID: GCP_053
EAST PHOTO





POINT ID: GCP_053
SOUTH PHOTO





POINT ID: GCP_053
WEST PHOTO



Control
GCP_053
Pavement



RINEX FILE: c050348v.21o

TIME: 18:16:46 UTC

SOFTWARE: page5 2008.25 master297.pl 16032 START: 2021/12/14 21:58:00
 EPHEMERIS: igr21882.eph [rapid] STOP: 2021/12/15 00:20:00
 NAV FILE: brdc3480.21n OBS USED: 5191 / 6058 : 86%
 ANT NAME: TPSHIPER_SR NONE # FIXED AMB: 35 / 39 : 90%
 ARP HEIGHT: 02.000 OVERALL RMS: 0.014(m)

REF FRAME: NAD_83(2011)(EPOCH:2010.0000) ITRF2014 (EPOCH:2021.9533)

X: -2244692.135(m) 0.016(m) -2244693.056(m) 0.016(m)
 Y: -4846581.053(m) 0.029(m) -4846579.697(m) 0.029(m)
 Z: 3474771.347(m) 0.016(m) 3474771.169(m) 0.016(m)

LAT: 33 13 21.94997 0.012(m) 33 13 21.96012 0.012(m)
 E LON: 245 8 55.69757 0.027(m) 245 8 55.64328 0.027(m)
 W LON: 114 51 4.30243 0.027(m) 114 51 4.35672 0.027(m)
 EL HGT: 216.764(m) 0.020(m) 215.961(m) 0.020(m)
 ORTHO HGT: 250.118(m) 0.078(m) [NAVD88 (Computed using GEOID18)]

UTM COORDINATES STATE PLANE COORDINATES

UTM (Zone 11) SPC (0406 CA 6)

Northing (Y) [meters]	3678040.928	617998.296
Easting (X) [meters]	700245.356	2130383.677
Convergence [degrees]	1.17771389	0.76866667
Point Scale	1.00009441	0.99995601
Combined Factor	1.00006038	0.99992198

US NATIONAL GRID DESIGNATOR: 11SQS0024578040(NAD 83)

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
DH8055	GLRS GLRS_SCGN_CS1999	CORS ARP	N331629.309 W1153116.890	62719.8
DN7584	GMPK GMPK_SCGN_CS2000	CORS ARP	N330303.892 W1144938.396	19175.4
DL1884	AZU CITY OF YUMA	CORS ARP	N323930.045 W1143137.539	69548.6

NEAREST NGS PUBLISHED CONTROL POINT

DW0634	C 134 RESET	N331346.000 W1145113.000	774.4
--------	-------------	--------------------------	-------