

Middle Brazos-Lake Whitney, TX

SURVEY REPORT

USGS Contract: G10PC00093

Task Order Number: G16PD00019



Government Point-of-Contact (POC)

Address: USGS/NGTOC

Telephone: (573) 308-3756

ATTN: Gail Dunn, MS663

1400 Independence Road

Rolla, MO 6540



Contractor Point-of-Contact (POC)

Address: Digital Aerial Solutions, LLC

Telephone: (813) 628-0788

ATTN: Joshua Helton (VP)

4027 Crescent Park Drive

Riverview, FL 33578

OVERVIEW

Digital Aerial Solutions, LLC (DAS) with contract number G10PC00093 was contracted by the United States Geological Survey (USGS) under task order number G16PD00019 to collect a high resolution LiDAR data set covering 2,370 square miles affecting Erath,, Hood, Johnson, Somerwell, Bosque, Hill, and McLennan in Texas. In accordance with section C.1.e(i) c of the task order, the spatial reference system used was NAD83 (2011), Universal Transverse Mercator (UTM) Zone 14, Meters; NAVD88, Meters and Geoid 12B.

Section C.1.b.(vii) of the task order outlines the ground control minimum requirements and specifications for this LiDAR project. 58 Supplemental ground control points were used to supplement and support the airborne GPS solution and positional accuracy. DAS also collected above the minimum number of Non-Vegetated Vertical Accuracy and Vegetated Vertical Accuracy Quality Checkpoints stated in the task order, which serve as an independent delivery to the client and are not incorporated into the vertical solution.

TABLE OF CONTENTS

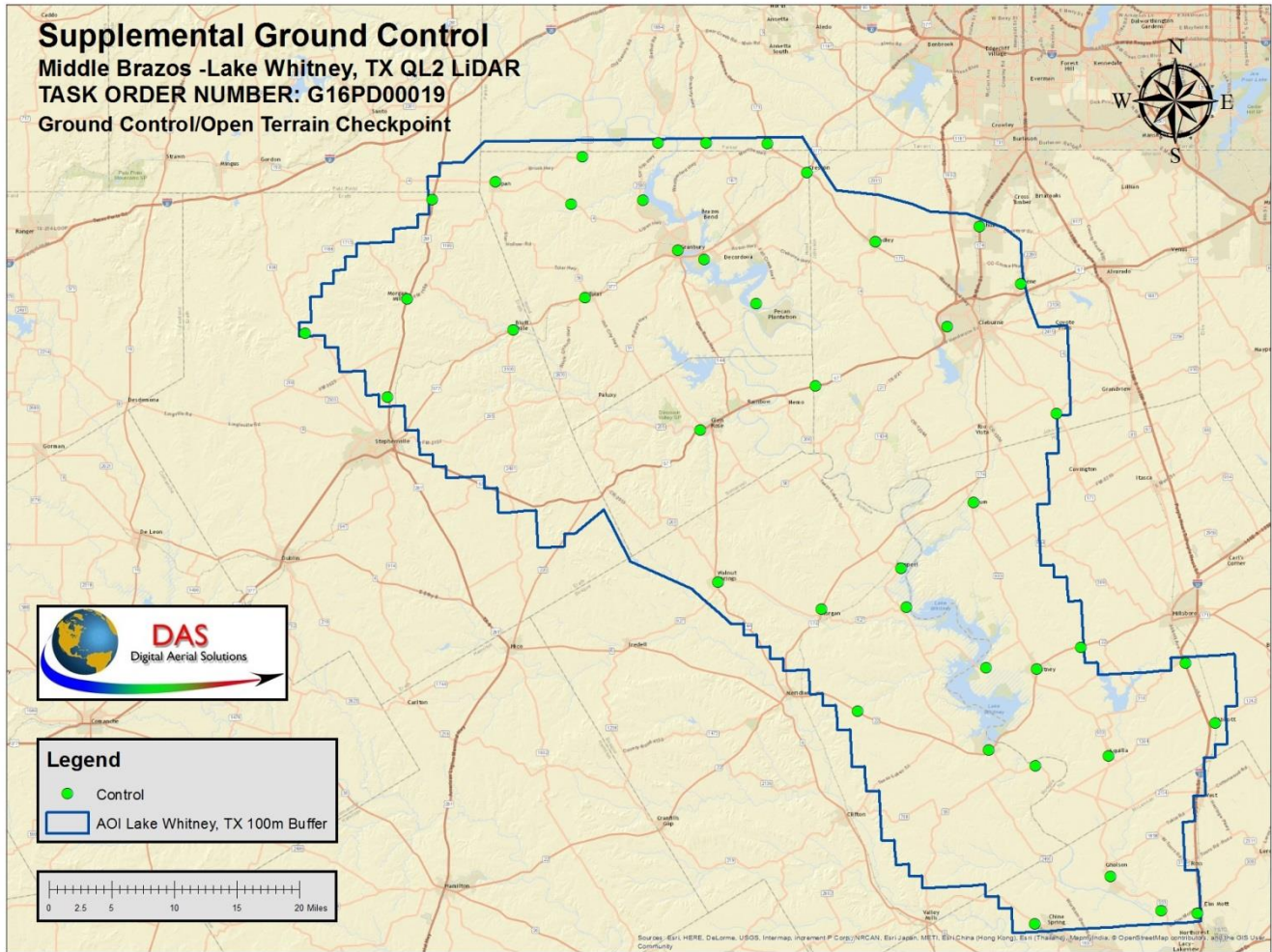
Title Page, POC Information	p.	1	
Overview, Table of Contents	p.	2	- 3
Glossary of Terms	p.	4	
Supplemental Ground Control (GCP)	p.	5	- 48
<u>(GCP)</u> Supplemental Ground Control Spread Map & Tables		5	- 7
(GCP) Supplemental Ground Control Individual Point Sheets		8	- 48
Non-Vegetated Vertical Accuracy (NVA)	p.	49	- 137
<u>(Bare Ground)</u> Non-Vegetated Vertical Accuracy Checkpoint Spread Map & Tables		49	- 50
(Bare Ground) Non-Vegetated Vertical Accuracy Checkpoint Individual Point Sheets		51	- 84
<u>(Packed Sand)</u> Non-Vegetated Vertical Accuracy Checkpoint Spread Map & Tables		85	- 86
(Packed Sand) Non-Vegetated Vertical Accuracy Checkpoint Individual Point Sheets		87	- 118
<u>(Hard Pavement)</u> Non-Vegetated Vertical Accuracy Checkpoint Spread Map & Tables		119	- 120
(Hard Pavement) Non-Vegetated Vertical Accuracy Checkpoint Individual Point Sheets		121	- 139
Vegetated Vertical Accuracy (VVA)	p.	140	- 208
<u>(LVEG)</u> Vegetated Vertical Accuracy Checkpoint Spread Map & Tables		140	- 141
(LVEG) Vegetated Vertical Accuracy Checkpoint Individual Point Sheets		142	- 156
<u>(MVEG)</u> Vegetated Vertical Accuracy Checkpoint Spread Map & Tables		158	- 159
(MVEG) Vegetated Vertical Accuracy Checkpoint Individual Point Sheets		1601	- 180
<u>(HVEG)</u> Vegetated Vertical Accuracy Checkpoint Spread Map & Tables		181	- 182
(HVEG) Vegetated Vertical Accuracy Checkpoint Individual Point Sheets		183	- 208

GLOSSARY OF TERMS

Term	Definition
ATTN	- Attention
BG	- Bare-Ground Checkpoint (see FVA)
Ctrl	- Control
DAS	- Digital Aerial Solutions, LLC
Ellip	- Ellipsoid Height
FL	- Florida, USA
FVA	- Non-Vegetated Vertical Accuracy
GCP	- Ground Control Point
HP	- Hard Pavement (see FVA)
HV	- High Vegetation (see SVA)
LiDAR	- Light Detection and Ranging
LV	- Low Vegetation (see SVA)
M	- Meters
MV	- Medium Vegetation (see SVA)
NAD83	- North American Datum of 1983
NAVD88	- North American Vertical Datum of 1988
NGS	- National Geodetic Survey
NGTOC	- National Geospatial Technical Operations Center
Ortho	- Orthometric Height
PS	- Packed Sand (see FVA)
SVA	- Supplemental Vertical Accuracy Checkpoint
USGS	- United States Geological Survey
UTM	- Universal Transverse Mercator
VP	- Vice President

SUPPLEMENTAL GROUND CONTROL

The Map shows the overall spread of the Supplemental Ground Control throughout the AOI. The following three tables contain a list of the Supplemental Ground Control using Easting, Northing, and Orthometric height, coordinate system displayed is UTM Zone 14 North, NAD83(m); NAVD88 (m) Geoid12B.

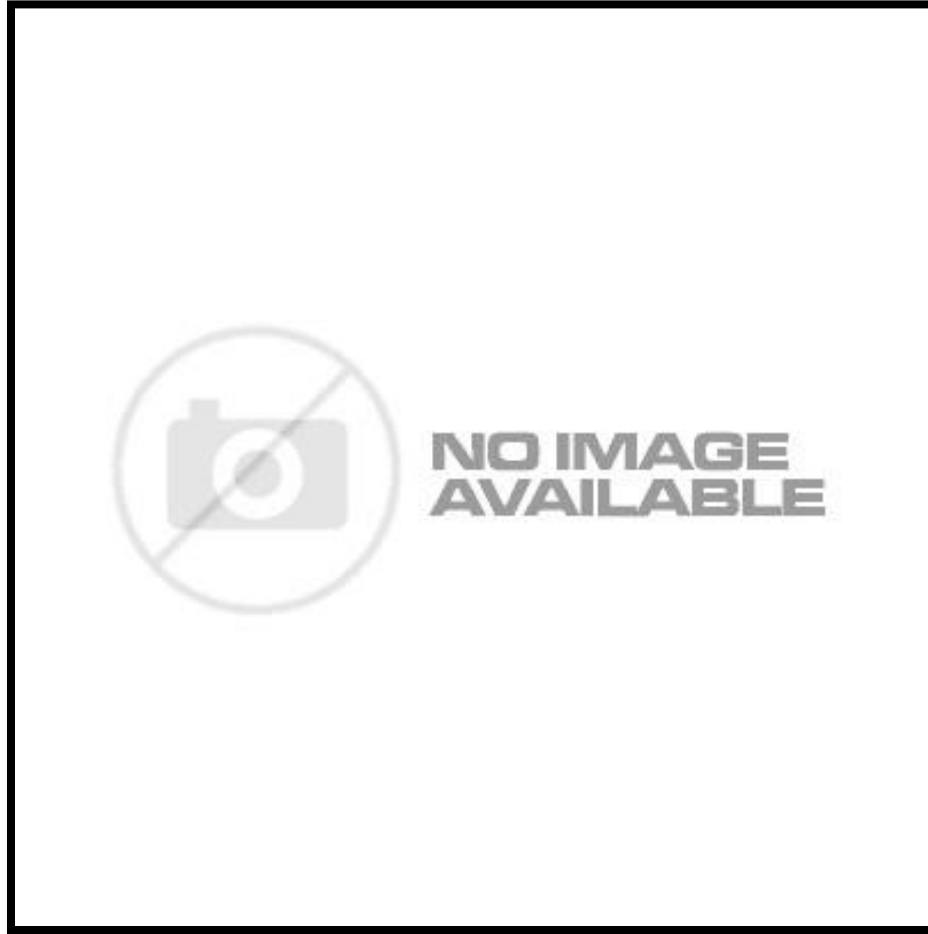


Point ID	Easting(m)	Northing(m)	Ortho(m)
01.GCP.PS.01	110908.253	3510416.126	135.813
02.GCP.HP.01	106250.528	3511016.011	126.724
03.GCP.PS.01	100038.242	3515845.190	107.426
04.GCP.BG.01	114596.517	3534821.853	189.663
05.GCP.HP.01	111165.213	3542707.683	158.486
06.GCP.BG.01	97837.446	3545554.987	147.653
08.GCP.PS.01	96385.575	3575803.210	228.897
09.GCP.BG.01	92742.436	3592704.457	250.370
10.GCP.BG.01	65967.891	3608592.672	286.303
11.GCP.BG.01	61107.772	3612631.122	313.640
12.GCP.HP.01	53260.384	3613099.355	245.704
13.GCP.PS.01	47019.550	3613521.415	214.947
14.GCP.HP.01	37209.636	3612235.096	248.788
15.GCP.PS.01	87758.389	3600353.885	248.909
16.GCP.BG.01	74328.093	3599169.868	253.792
18.GCP.HP.01	25793.093	3609642.135	252.573
19.GCP.PS.01	17546.433	3607857.687	318.836
20.GCP.PS.01	13613.138	3595239.509	292.876
21.GCP.BG.01	157.948	3591546.895	414.514
22.GCP.HP.01	10299.231	3582760.918	404.865
24.GCP.BG.01	51581.646	3556507.844	246.814
25.GCP.BG.01	85210.460	3532977.747	156.165
27.GCP.BG.01	27035.096	3590441.752	246.242
28.GCP.BG.01	48781.386	3599552.294	198.400
30.GCP.PS.01	44628.790	3606217.229	201.634
31.GCP.BG.01	35417.819	3606266.966	237.283
32.GCP.HP.01	36530.937	3594110.022	281.198
34.GCP.BG.01	50351.676	3576222.261	179.455

[Back To Table of Contents](#)

35.GCP.PS.01	65566.419	3581098.028	230.197
36.GCP.BG.01	91133.621	3530608.332	122.564
37.GCP.BG.01	91975.346	3543036.419	150.161
38.GCP.PS.01	100615.247	3531322.699	130.727
39.GCP.HP.01	89880.380	3510245.788	158.804
40.GCP.BG.01	68639.637	3538858.356	240.088
41.GCP.HP.01	64656.907	3552291.496	216.015
42.GCP.BG.01	75225.234	3556994.753	143.981
43.GCP.BG.01	84999.905	3564906.280	149.818
44.GCP.BG.01	85451.448	3543592.003	158.189
45.GCP.PS.01	75613.853	3551907.963	137.515
46.GCP.BG.01	58534.985	3592070.780	186.751
51.GCP.PS.01	82945.867	3587785.789	228.682
52.GCP.BG.01	52113.023	3598135.227	193.261

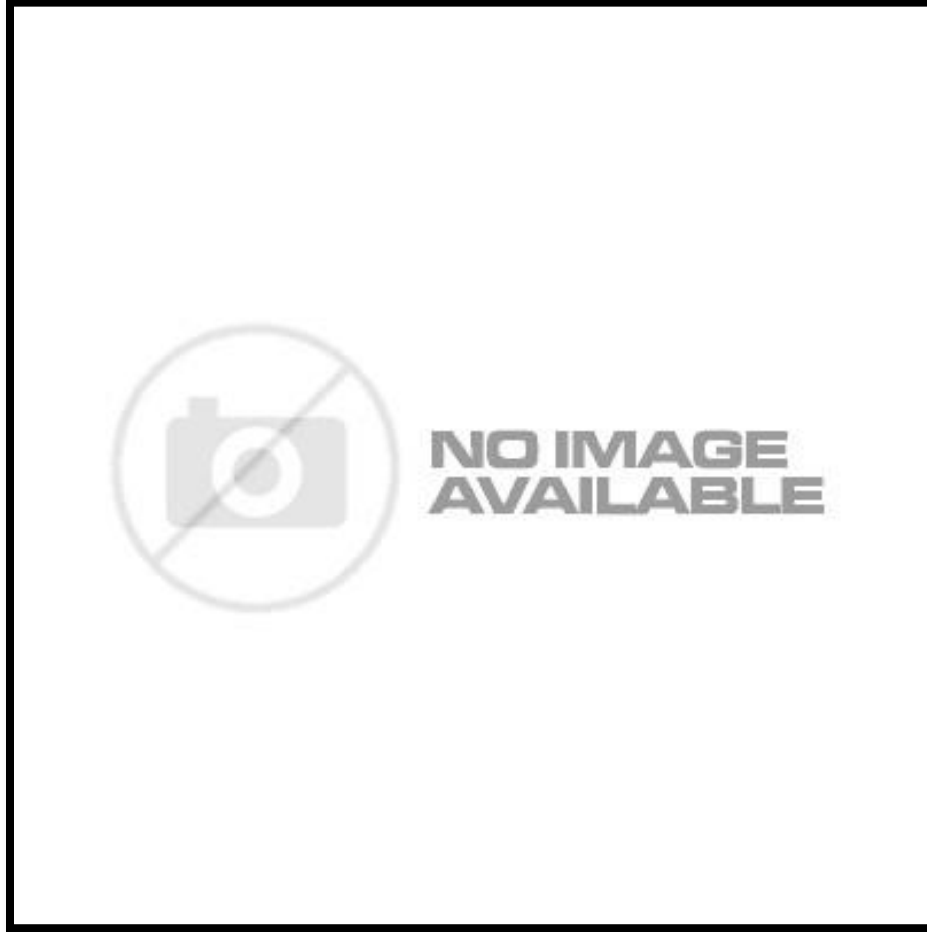
01.GCP.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
01.GCP.PS.01	110908.2532	3510416.126	135.8132	162.7192

Point ID	LATITUDE	LONGITUDE
01.GCP.PS.01	31° 39' 47.22034" N	97° 06' 10.07298° W

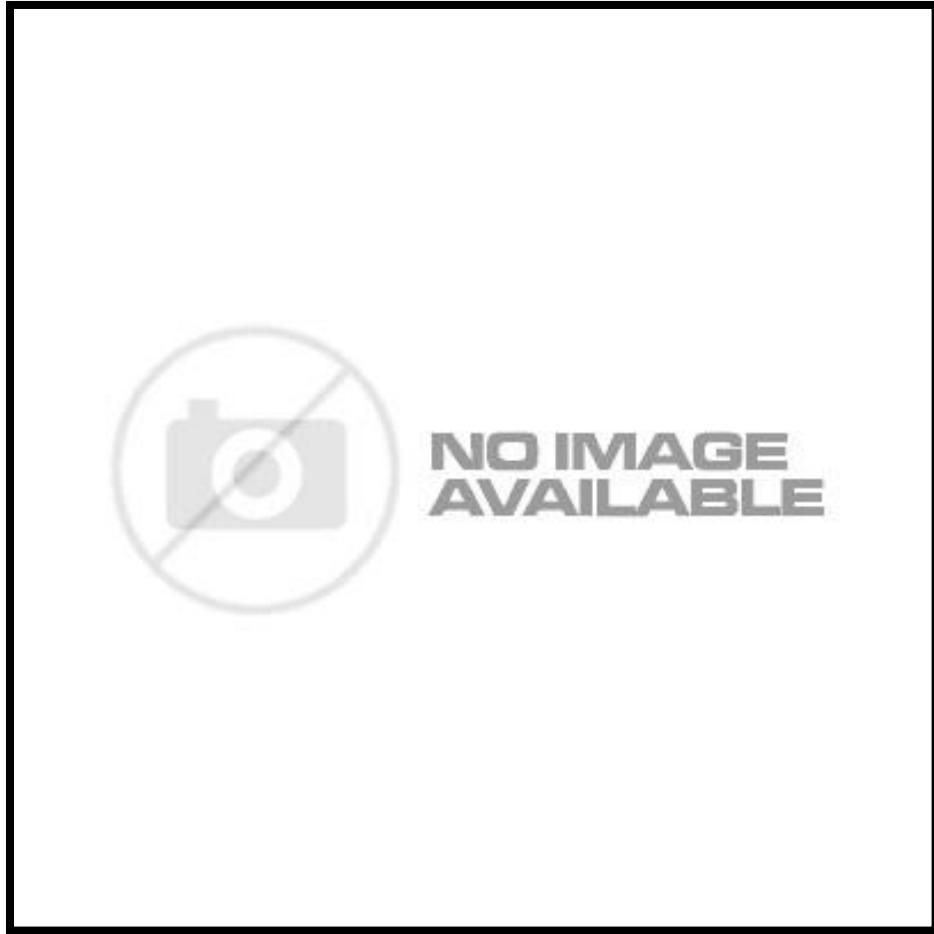
02.GCP.HP.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
02.GCP.HP.01	106250.5284	3511016.011	126.7237	153.8057

Point ID	LATITUDE	LONGITUDE
02.GCP.HP.01	31° 40' 00.93798° N	97° 09' 07.35433" W

03.GCP.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
03.GCP.PS.01	100038.2415	3515845.19	107.4259	134.7149

Point ID	LATITUDE	LONGITUDE
03.GCP.PS.01	31° 42' 29.63422" N	97° 13' 09.72960" W

04.GCP.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
04.GCP.BG.01	114596.5172	3534821.853	189.6632	216.5842

Point ID	LATITUDE	LONGITUDE
04.GCP.BG.01	31° 53' 02.38367" N	97° 04' 25.03652" W

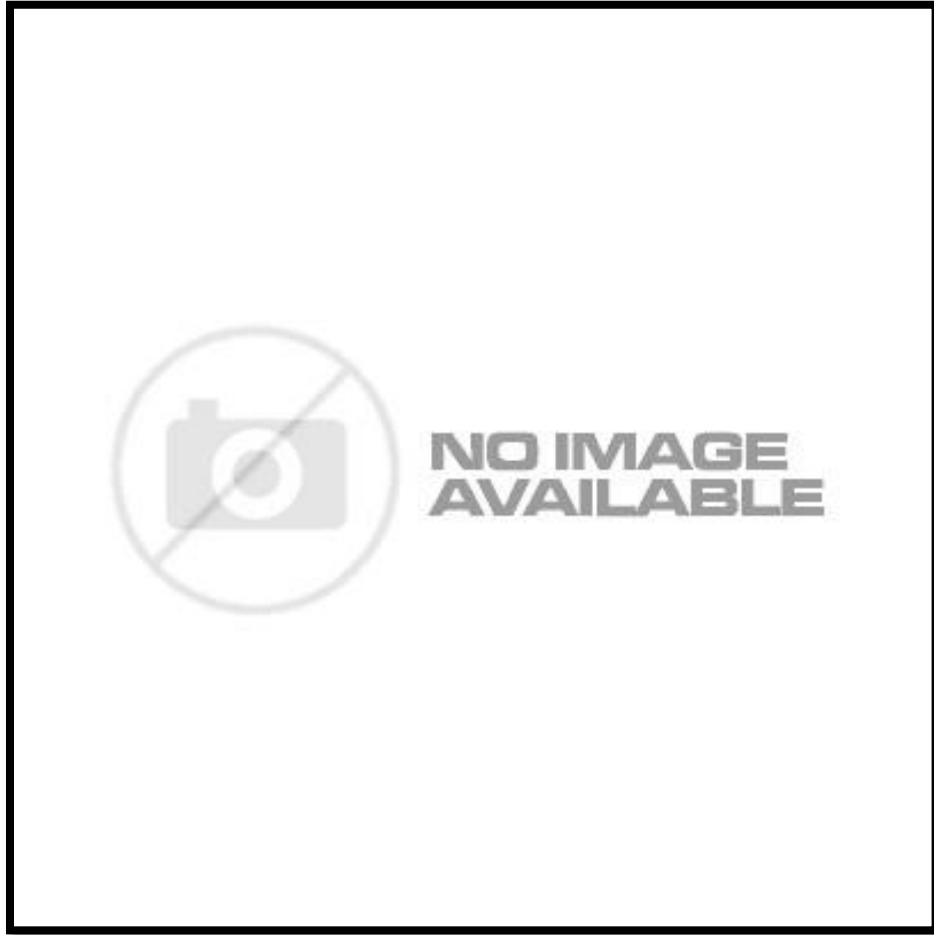
05.GCP.HP.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
05.GCP.HP.01	111165.2127	3542707.683	158.4857	185.5418

Point ID	LATITUDE	LONGITUDE
05.GCP.HP.01	31° 57' 13.64550" N	97° 06' 46.69850" W

06.GCP.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
06.GCP.BG.01	97837.4462	3545554.987	147.6532	175.0242

Point ID	LATITUDE	LONGITUDE
06.GCP.BG.01	31° 58' 29.15602" N	97° 15' 17.29806" W

08.GCP.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
08.GCP.PS.01	96385.5749	3575803.21	228.8969	256.319

Point ID	LATITUDE	LONGITUDE
08.GCP.PS.01	32° 14' 46.95609" N	97° 16' 58.21650" W

09.GCP.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
09.GCP.BG.01	92742.436	3592704.457	250.3699	277.8939

Point ID	LATITUDE	LONGITUDE
09.GCP.BG.01	32° 23' 49.55166" N	97° 19' 43.11218" W

[Back To Table of Contents](#)

10.GCP.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
10.GCP.BG.01	65967.8914	3608592.672	286.3025	314.3295

Point ID	LATITUDE	LONGITUDE
10.GCP.BG.01	32° 31' 47.55085" N	97° 37' 11.11968" W

11.GCP.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
11.GCP.BG.01	61107.772	3612631.122	313.6401	341.8021

Point ID	LATITUDE	LONGITUDE
11.GCP.BG.01	32° 33' 51.39109" N	97° 40' 23.60351" W

12.GCP.HP.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
12.GCP.HP.01	53260.3838	3613099.355	245.7036	274.0567

Point ID	LATITUDE	LONGITUDE
12.GCP.HP.01	32° 33' 55.26994" N	97° 45' 24.32501" W

[Back To Table of Contents](#)

13.GCP.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
13.GCP.PS.01	47019.5503	3613521.415	214.9467	243.4468

Point ID	LATITUDE	LONGITUDE
13.GCP.PS.01	32° 33' 59.81869" N	97° 49' 23.55413" W

14.GCP.HP.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
14.GCP.HP.01	37209.6364	3612235.096	248.7879	277.4149

Point ID	LATITUDE	LONGITUDE
14.GCP.HP.01	32° 33' 03.62600" N	97° 55' 36.11981" W

15.GCP.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
15.GCP.PS.01	87758.3892	3600353.885	248.9088	276.5488

Point ID	LATITUDE	LONGITUDE
15.GCP.PS.01	32° 27' 50.66237" N	97° 23' 05.34778" W

16.GCP.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
16.GCP.BG.01	74328.093	3599169.868	253.7915	281.6185

Point ID	LATITUDE	LONGITUDE
16.GCP.BG.01	32° 26' 54.14161" N	97° 31' 36.33244" W

18.GCP.HP.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
18.GCP.HP.01	25793.0931	3609642.135	252.573	281.275

Point ID	LATITUDE	LONGITUDE
18.GCP.HP.01	32° 31' 22.40378" N	98° 02' 47.50142" W

19.GCP.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
19.GCP.PS.01	17546.4331	3607857.687	318.8357	347.5467

Point ID	LATITUDE	LONGITUDE
19.GCP.PS.01	32° 30' 11.91057" N	98° 07' 59.06925" W

20.GCP.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
20.GCP.PS.01	13613.1379	3595239.509	292.8762	321.2752

Point ID	LATITUDE	LONGITUDE
20.GCP.PS.01	32° 23' 17.62746" N	98° 10' 05.82607" W

21.GCP.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
21.GCP.BG.01	157.9475	3591546.895	414.5141	442.8001

Point ID	LATITUDE	LONGITUDE
21.GCP.BG.01	32° 20' 56.84653" N	98° 18' 31.65285" W

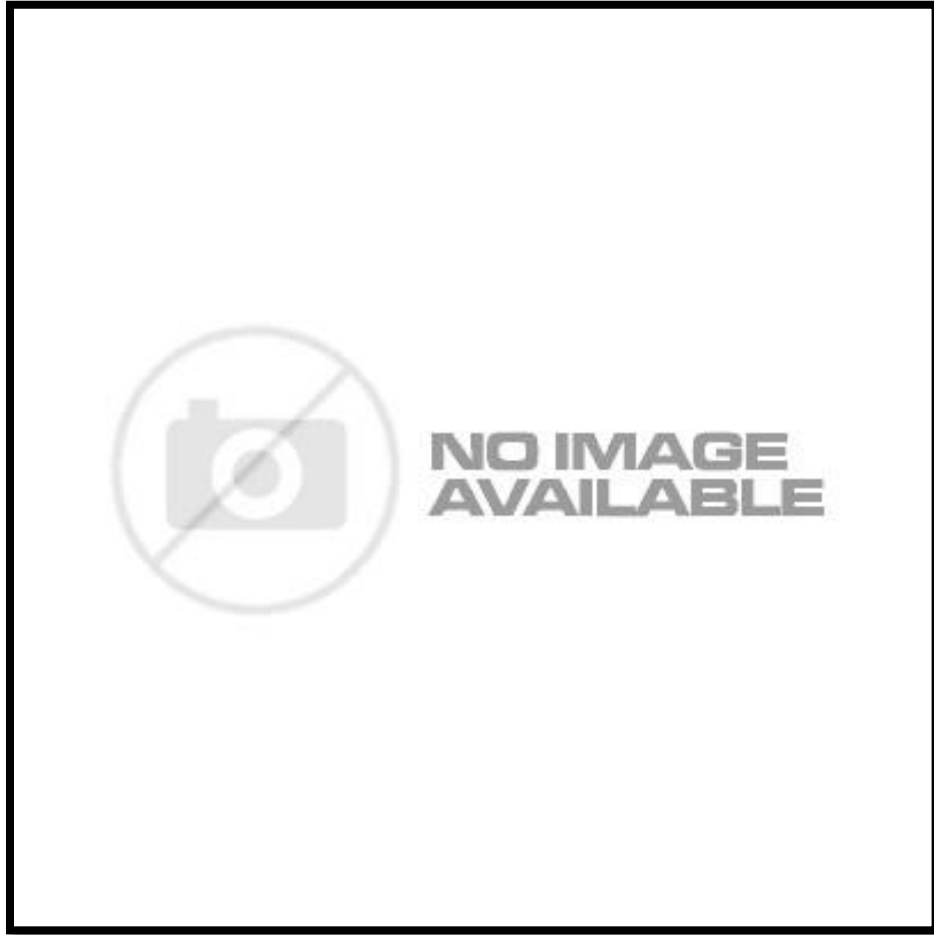
22.GCP.HP.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
22.GCP.HP.01	10299.2309	3582760.918	404.8646	432.8796

Point ID	LATITUDE	LONGITUDE
22.GCP.HP.01	32° 16' 28.82544" N	98° 11' 49.00804" W

25.GCP.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
25.GCP.BG.01	85210.4597	3532977.747	156.1646	183.6846

Point ID	LATITUDE	LONGITUDE
25.GCP.BG.01	31° 51' 25.49698° N	97° 22' 57.67844" W

27.GCP.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
27.GCP.BG.01	27035.0959	3590441.752	246.2424	274.4655

Point ID	LATITUDE	LONGITUDE
27.GCP.BG.01	32° 21' 03.16006" N	98° 01' 25.50695" W

28.GCP.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
28.GCP.BG.01	48781.3859	3599552.294	198.4	226.614

Point ID	LATITUDE	LONGITUDE
28.GCP.BG.01	32° 26' 30.34034" N	97° 47' 52.14593" W

30.GCP.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
30.GCP.PS.01	44628.7898	3606217.229	201.6335	230.0376

Point ID	LATITUDE	LONGITUDE
30.GCP.PS.01	32° 29' 59.93742" N	97° 50' 42.19042" W

31.GCP.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
31.GCP.BG.01	35417.8187	3606266.966	237.2829	265.7949

Point ID	LATITUDE	LONGITUDE
31.GCP.BG.01	32° 29' 47.83558" N	97° 56' 33.96892" W

[Back To Table of Contents](#)

32.GCP.HP.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
32.GCP.HP.01	36530.9373	3594110.022	281.1976	309.4176

Point ID	LATITUDE	LONGITUDE
32.GCP.HP.01	32° 23' 16.15942" N	97° 55' 30.01536" W

34.GCP.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
34.GCP.BG.01	50351.6756	3576222.261	179.4546	207.3437

Point ID	LATITUDE	LONGITUDE
34.GCP.BG.01	32° 13' 57.57932° N	97° 46' 12.47243" W

35.GCP.PS.01

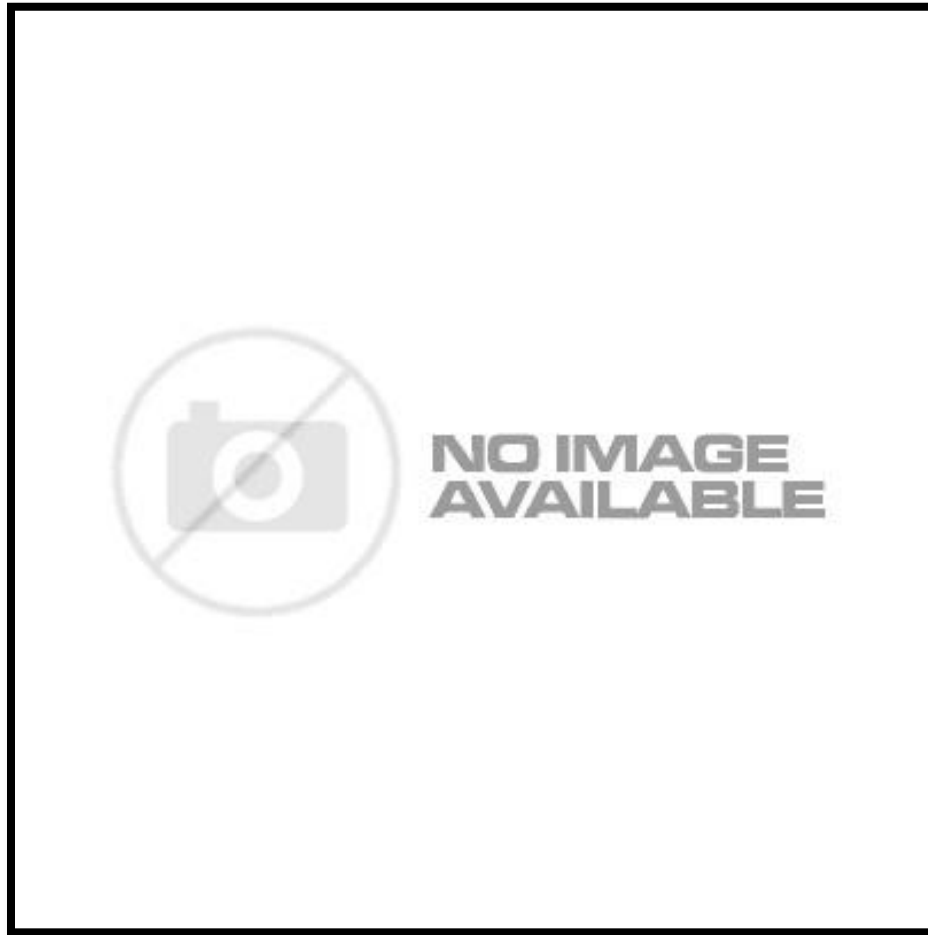


Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
35.GCP.PS.01	65566.4193	3581098.028	230.1973	258.0294

Point ID	LATITUDE	LONGITUDE
35.GCP.PS.01	32° 16' 56.96599" N	97° 36' 41.04599" W

[Back To Table of Contents](#)

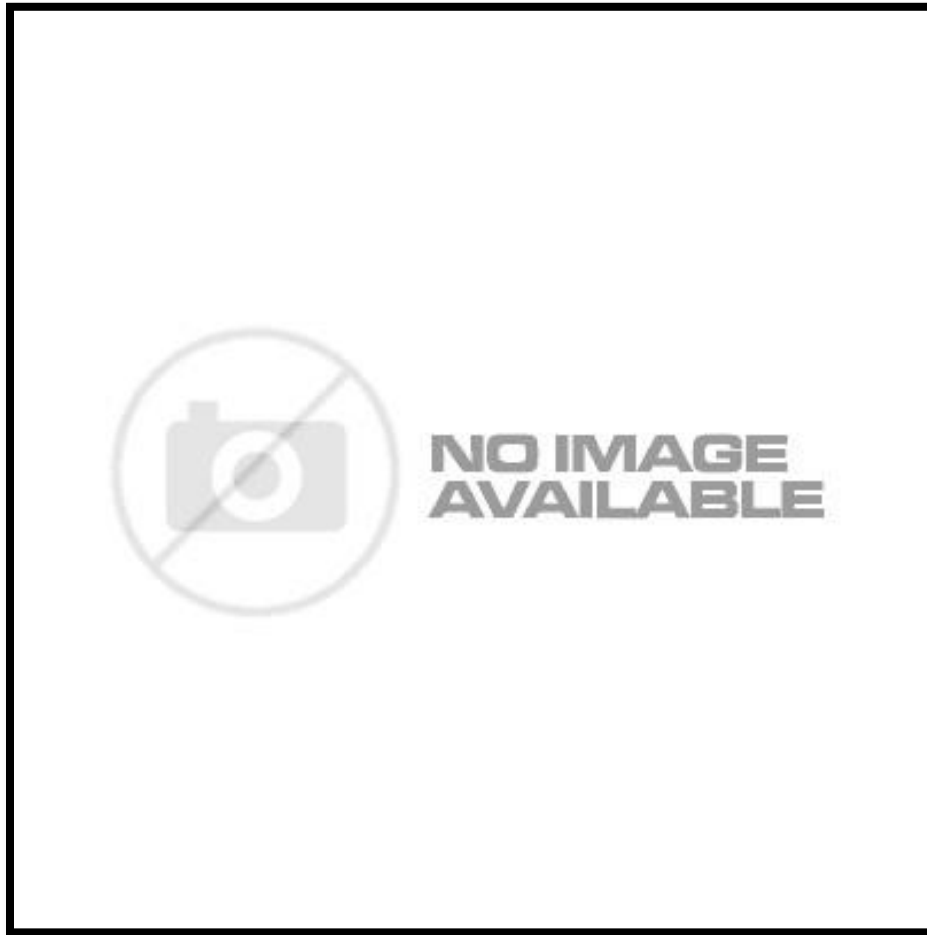
36.GCP.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
36.GCP.BG.01	91133.6206	3530608.332	122.5636	150.0287

Point ID	LATITUDE	LONGITUDE
36.GCP.BG.01	31° 50' 16.46390" N	97° 19' 09.34245" W

37.GCP.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
37.GCP.BG.01	91975.3462	3543036.419	150.1606	177.6266

Point ID	LATITUDE	LONGITUDE
37.GCP.BG.01	31° 57' 00.05458" N	97° 18' 56.20872" W

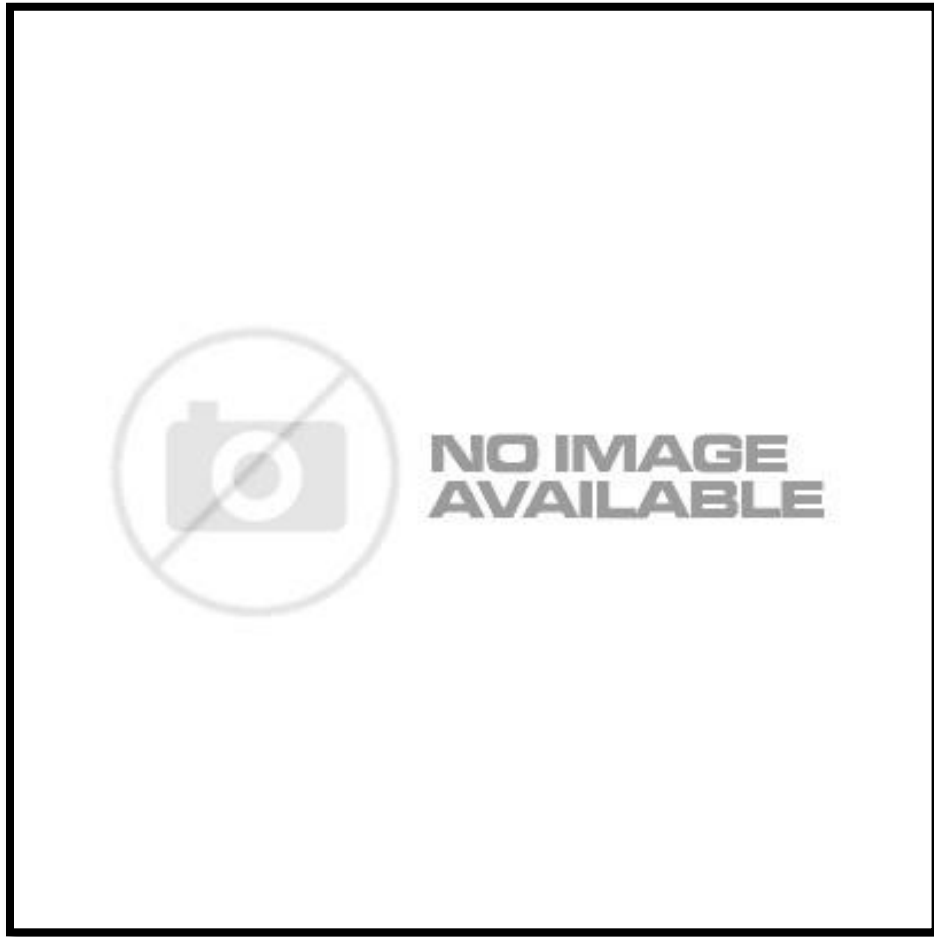
38.GCP.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
38.GCP.PS.01	100615.2466	3531322.699	130.7265	158.0385

Point ID	LATITUDE	LONGITUDE
38.GCP.PS.01	31° 50' 51.69737" N	97° 13' 10.65329" W

39.GCP.HP.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
39.GCP.HP.01	89880.38	3510245.788	158.8035	186.2596

Point ID	LATITUDE	LONGITUDE
39.GCP.HP.01	31° 39' 15.36512" N	97° 19' 26.15447" W

40.GCP.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
40.GCP.BG.01	68639.6368	3538858.356	240.088	267.642

Point ID	LATITUDE	LONGITUDE
40.GCP.BG.01	31° 54' 13.75012" N	97° 33' 35.71938" W

41.GCP.HP.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
41.GCP.HP.01	64656.9068	3552291.496	216.0152	243.6502

Point ID	LATITUDE	LONGITUDE
41.GCP.HP.01	32° 01' 23.16815" N	97° 36' 28.61941" W

42.GCP.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
42.GCP.BG.01	75225.2335	3556994.753	143.9807	171.6617

Point ID	LATITUDE	LONGITUDE
42.GCP.BG.01	32° 04' 09.89624" N	97° 29' 54.45445" W

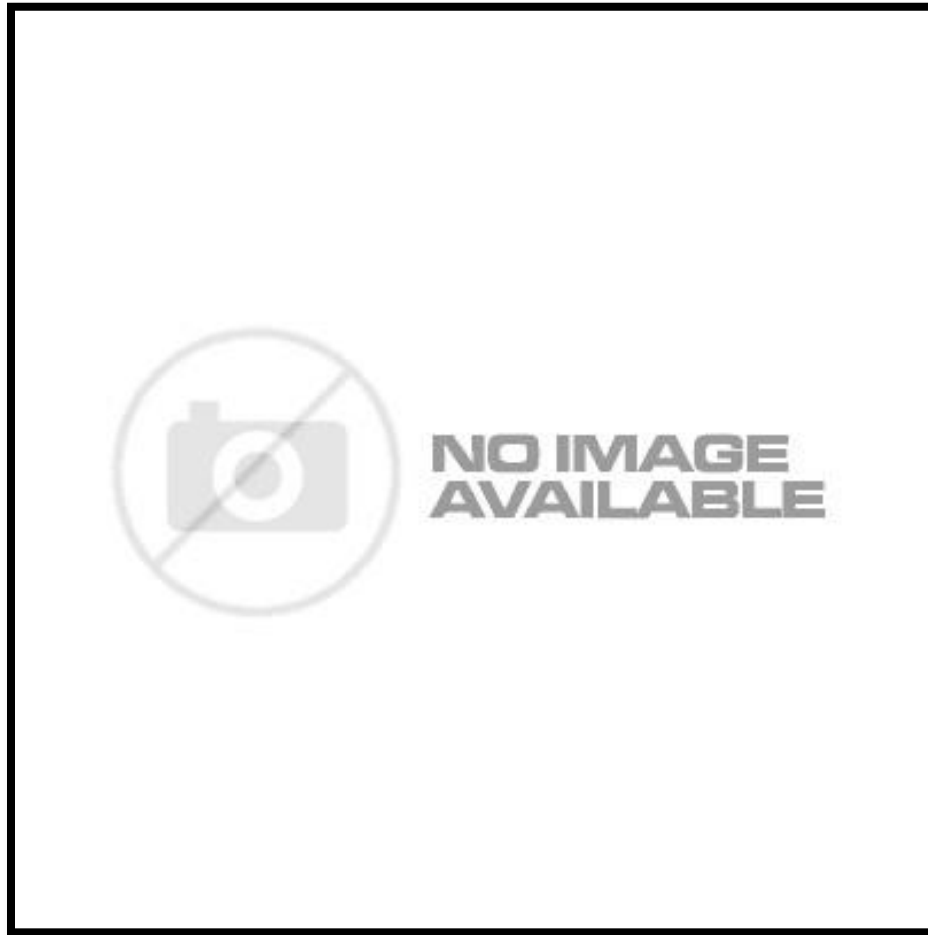
43.GCP.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
43.GCP.BG.01	84999.9049	3564906.28	149.8176	177.4187

Point ID	LATITUDE	LONGITUDE
43.GCP.BG.01	32° 08' 39.15737" N	97° 23' 55.04976" W

44.GCP.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
44.GCP.BG.01	85451.4479	3543592.003	158.189	185.739

Point ID	LATITUDE	LONGITUDE
44.GCP.BG.01	31° 57' 09.54173" N	97° 23' 04.85559" W

45.GCP.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
45.GCP.PS.01	75613.8526	3551907.963	137.5145	165.1666

Point ID	LATITUDE	LONGITUDE
45.GCP.PS.01	32° 01' 25.72087" N	97° 29' 31.61422" W

46.GCP.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
46.GCP.BG.01	58534.9847	3592070.78	186.7514	214.7594

Point ID	LATITUDE	LONGITUDE
46.GCP.BG.01	32° 22' 42.24541" N	97° 41' 27.31920" W

51.GCP.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
51.GCP.PS.01	82945.8672	3587785.789	228.6821	256.3511

Point ID	LATITUDE	LONGITUDE
51.GCP.PS.01	32° 20' 57.26943" N	97° 25' 49.22290" W

[Back To Table of Contents](#)

52.GCP.BG.01



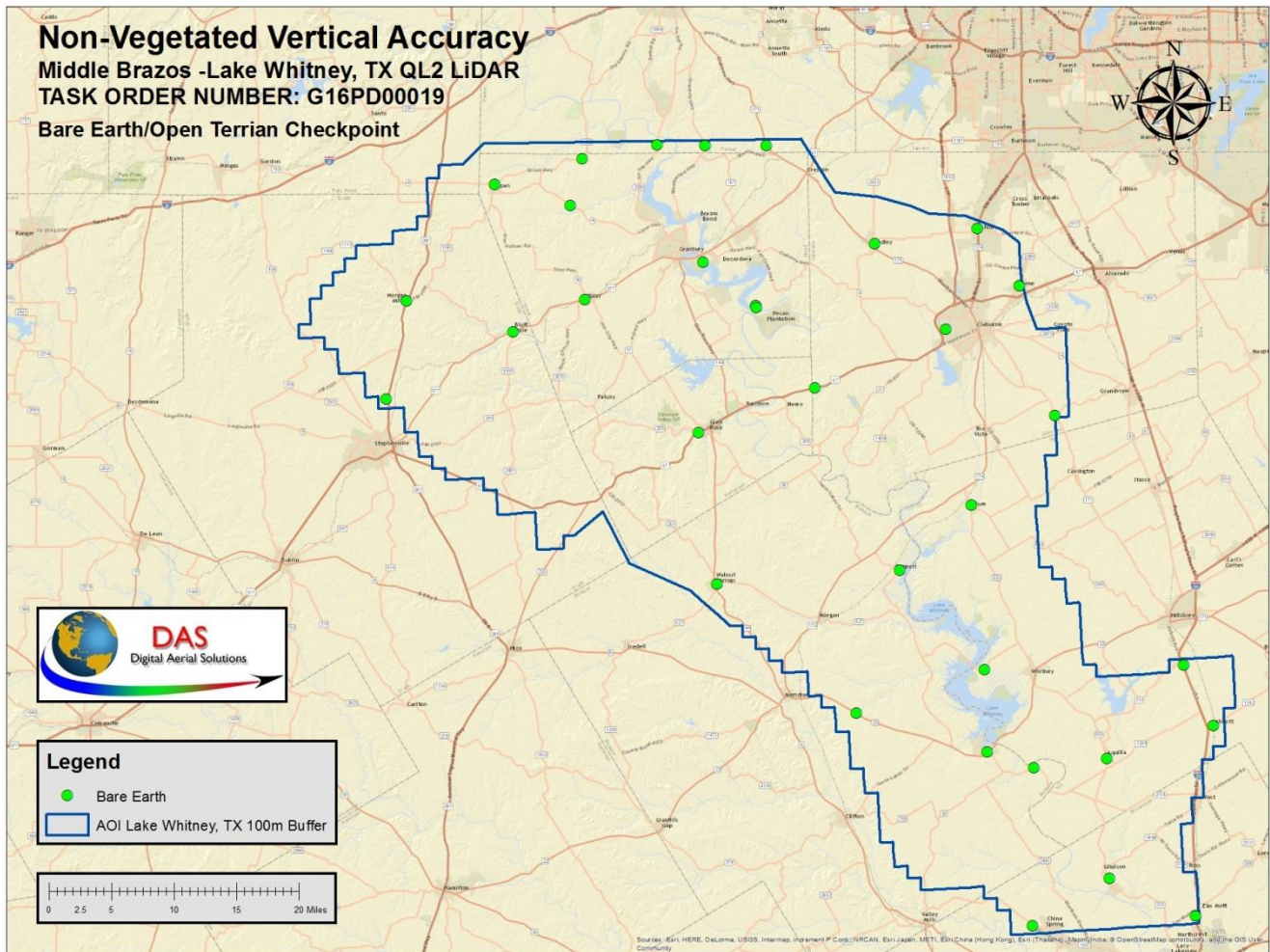
Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
52.GCP.BG.01	52113.0234	3598135.227	193.2614	221.4114

Point ID	LATITUDE	LONGITUDE
52.GCP.BG.01	32° 25' 49.31567" N	97° 45' 42.57870" W

NON-VEGETATED VERTICAL ACCURACY

BARE GROUND

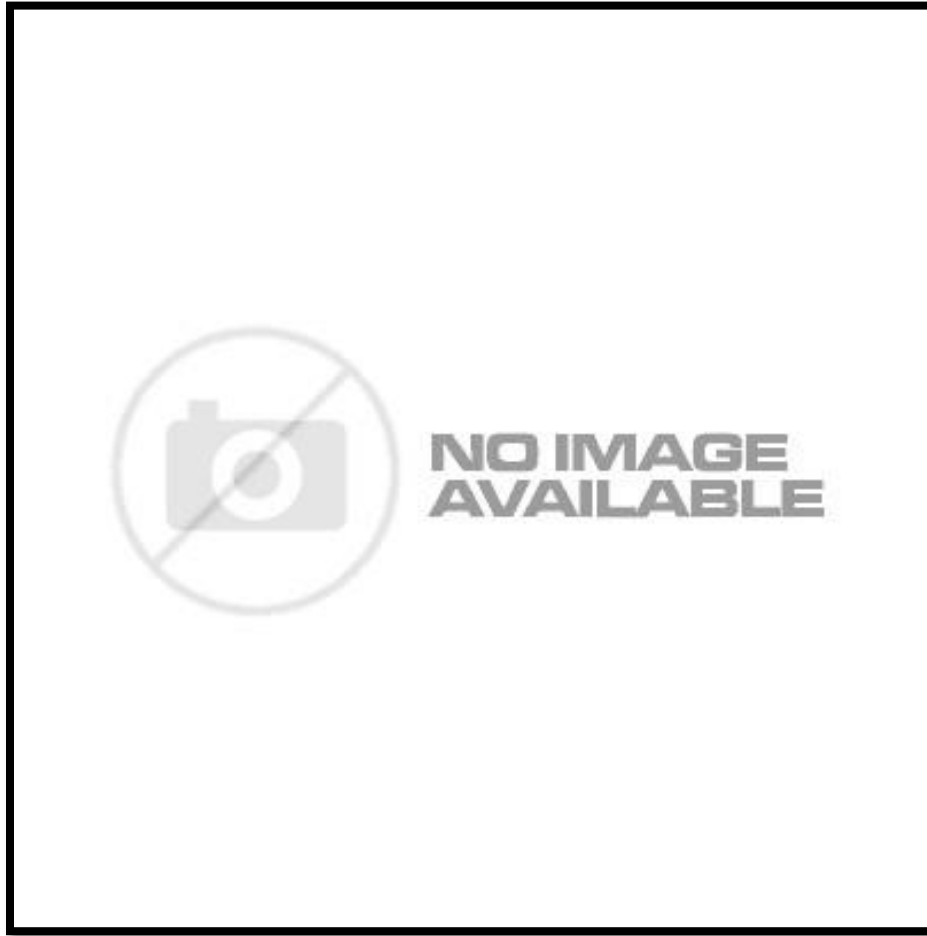
The Map shows the overall spread of the Non-Vegetated Vertical Accuracy checkpoints throughout the AOI. The following three tables contain a list of the Non-Vegetated vertical accuracy checkpoints for Bare Ground using Easting, Northing, and Orthometric height, coordinate system displayed is UTM Zone 15 North, NAD83(m); NAVD88 (m) Geoid12B.



Point ID	Easting(m)	Northing(m)	Ortho(m)	LANDTYPE
01.FVA.BG.01	110934.9	3510388	161.3468	Bare Ground
03.FVA.BG.01	100056.5	3515814	134.3591	Bare Ground
04.FVA.BG.01	114579.2	3534765	216.391	Bare Ground
05.FVA.BG.01	111191.8	3542710	185.4142	Bare Ground
08.FVA.BG.01	96376.59	3575780	255.5508	Bare Ground
09.FVA.BG.01	92735.39	3592727	277.2862	Bare Ground
11.FVA.BG.01	61120.05	3612642	341.7159	Bare Ground
12.FVA.BG.01	53213.5	3613078	276.0268	Bare Ground
13.FVA.BG.01	47024.55	3613512	243.3448	Bare Ground
14.FVA.BG.01	37238.45	3612243	277.9918	Bare Ground
15.FVA.BG.01	87713.37	3600369	276.3635	Bare Ground
16.FVA.BG.01	74356.32	3599157	282.1223	Bare Ground
18.FVA.BG.01	25802.67	3609619	281.7334	Bare Ground
20.FVA.BG.01	13621.9	3595227	320.929	Bare Ground
22.FVA.BG.01	10285.33	3582725	432.4082	Bare Ground
24.FVA.BG.01	51557.88	3556475	273.7105	Bare Ground
25.FVA.BG.01	85255.26	3532929	187.413	Bare Ground
26.FVA.BG.01	91085.99	3530610	151.3368	Bare Ground
27.FVA.BG.01	27065.24	3590446	274.6427	Bare Ground
31.FVA.BG.01	35402.07	3606294	266.4073	Bare Ground
32.FVA.BG.01	36591.25	3594109	309.1173	Bare Ground
34.FVA.BG.01	50323.79	3576154	203.9168	Bare Ground
35.FVA.BG.01	65586.42	3581083	259.9592	Bare Ground
38.FVA.BG.01	100612.4	3531277	157.7944	Bare Ground
39.FVA.BG.01	89859.08	3510281	186.6006	Bare Ground
40.FVA.BG.01	68613.63	3538875	267.0857	Bare Ground
42.FVA.BG.01	75211.78	3556957	171.6038	Bare Ground
43.FVA.BG.01	84991.99	3564885	177.6155	Bare Ground

44.FVA.BG.01	85436.94	3543527	184.931	Bare Ground
46.FVA.BG.01	58552.67	3592109	216.0121	Bare Ground
51.FVA.BG.01	82948.89	3587681	255.409	Bare Ground
52.FVA.BG.01	52080.31	3598096	221.356	Bare Ground
53.FVA.BG.01	58652.03	3591790	212.1854	Bare Ground

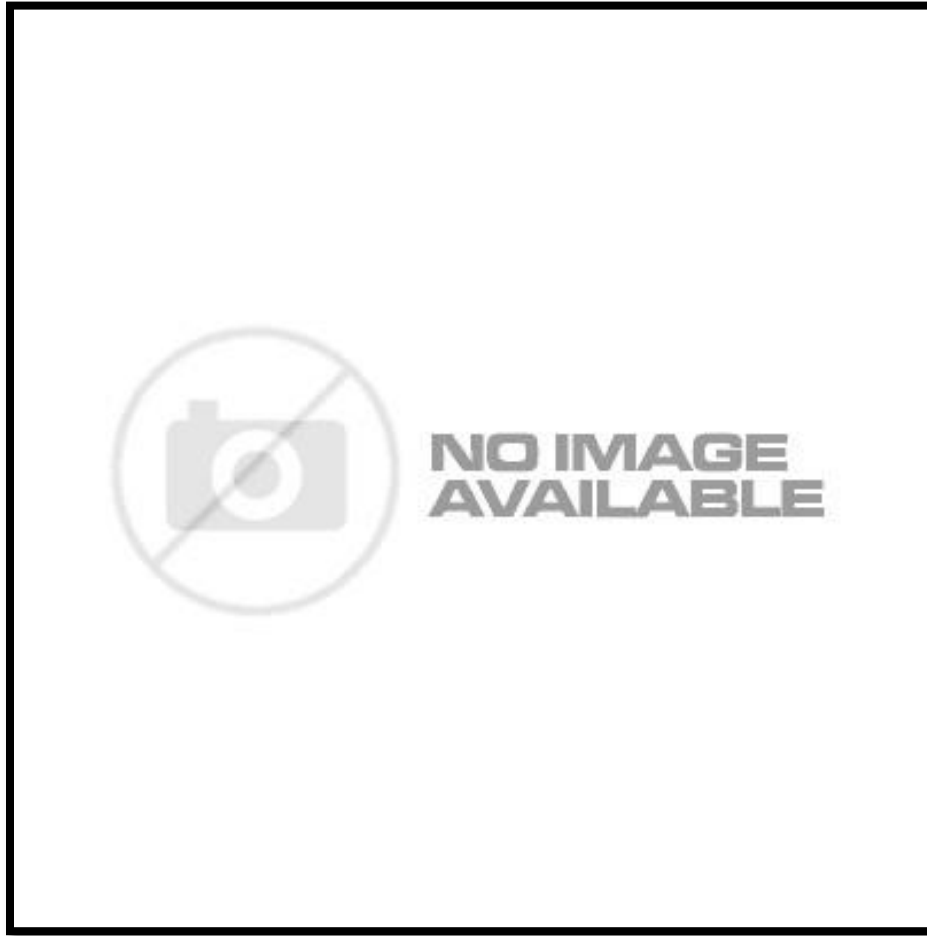
01.FVA.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
01.FVA.BG.01	110934.934	3510387.707	134.4418	161.3468

Point ID	LATITUDE	LONGITUDE
01.FVA.BG.01	31° 39' 46.33221" N	97° 06' 09.02185" W

03.FVA.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
03.FVA.BG.01	100056.5147	3515813.962	107.0701	134.3591

Point ID	LATITUDE	LONGITUDE
03.FVA.BG.01	31° 42' 28.64565" N	97° 13' 08.99135" W

04.FVA.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
04.FVA.BG.01	114579.2456	3534765.118	189.4699	216.391

Point ID	LATITUDE	LONGITUDE
04.FVA.BG.01	31° 53' 00.52460" N	97° 04' 25.61127" W

05.FVA.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
05.FVA.BG.01	111191.7694	3542709.897	158.3592	185.4142

Point ID	LATITUDE	LONGITUDE
05.FVA.BG.01	31° 57' 13.74997° N	97° 06' 45.69266" W

08.FVA.BG.01

Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
08.FVA.BG.01	96376.5937	3575779.618	228.1288	255.5508

Point ID	LATITUDE	LONGITUDE
08.FVA.BG.01	32° 14' 46.18042" N	97° 16' 58.52284" W

09.FVA.BG.01

[Back To Table of Contents](#)



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
09.FVA.BG.01	92735.3885	3592727.299	249.7621	277.2862

Point ID	LATITUDE	LONGITUDE
09.FVA.BG.01	32° 23' 50.28212" N	97° 19' 43.41654" W

11.FVA.BG.01

[Back To Table of Contents](#)



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
11.FVA.BG.01	61120.0457	3612641.859	313.5538	341.7159

Point ID	LATITUDE	LONGITUDE
11.FVA.BG.01	32° 33' 51.75608" N	97° 40' 23.15244" W

12.FVA.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
12.FVA.BG.01	53213.5047	3613078.108	247.6728	276.0268

Point ID	LATITUDE	LONGITUDE
12.FVA.BG.01	32° 33' 54.51434" N	97° 45' 26.08026" W

[Back To Table of Contents](#)

13.FVA.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
13.FVA.BG.01	47024.5531	3613512.226	214.8458	243.3448

Point ID	LATITUDE	LONGITUDE
13.FVA.BG.01	32° 33' 59.52871" N	97° 49' 23.34701" W

14.FVA.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
14.FVA.BG.01	37238.4545	3612242.69	249.3648	277.9918

Point ID	LATITUDE	LONGITUDE
14.FVA.BG.01	32° 33' 03.91497° N	97° 55' 35.03235" W

[Back To Table of Contents](#)

15.FVA.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
15.FVA.BG.01	87713.3714	3600368.534	248.7225	276.3635

Point ID	LATITUDE	LONGITUDE
15.FVA.BG.01	32° 27' 51.07672" N	97° 23' 07.09026" W

[Back To Table of Contents](#)

16.FVA.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
16.FVA.BG.01	74356.3226	3599157.001	254.2963	282.1223

Point ID	LATITUDE	LONGITUDE
16.FVA.BG.01	32° 26' 53.76387" N	97° 31' 35.23374" W

[Back To Table of Contents](#)

18.FVA.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
18.FVA.BG.01	25802.6743	3609618.901	253.0323	281.7334

Point ID	LATITUDE	LONGITUDE
18.FVA.BG.01	32° 31' 21.66690" N	98° 02' 47.09346" W

[Back To Table of Contents](#)

20.FVA.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
20.FVA.BG.01	13621.8959	3595227.295	292.53	320.929

Point ID	LATITUDE	LONGITUDE
20.FVA.BG.01	32° 23' 17.24613" N	98° 10' 05.46966" W

[Back To Table of Contents](#)

22.FVA.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
22.FVA.BG.01	10285.3276	3582725.446	404.3942	432.4082

Point ID	LATITUDE	LONGITUDE
22.FVA.BG.01	32° 16' 27.65633" N	98° 11' 49.47174" W

24.FVA.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
24.FVA.BG.01	51557.8787	3556474.556	246.1045	273.7105

Point ID	LATITUDE	LONGITUDE
24.FVA.BG.01	32° 03' 20.16569" N	97° 44' 53.31060" W

25.FVA.BG.01

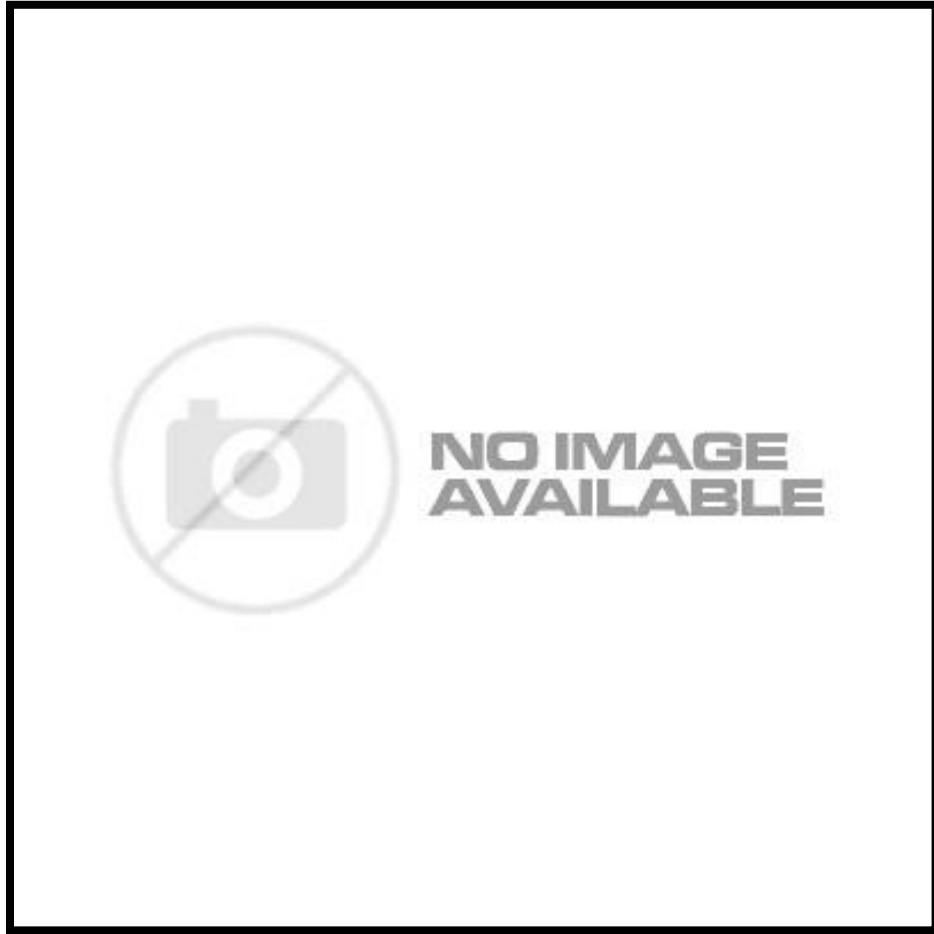


Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
25.FVA.BG.01	85255.2584	3532929.256	159.893	187.413

Point ID	LATITUDE	LONGITUDE
25.FVA.BG.01	31° 51' 23.98534" N	97° 22' 55.90424" W

[Back To Table of Contents](#)

26.FVA.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
26.FVA.BG.01	91085.9917	3530610.487	123.8708	151.3368

Point ID	LATITUDE	LONGITUDE
26.FVA.BG.01	31° 50' 16.47226" N	97° 19' 11.15265" W

27.FVA.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
27.FVA.BG.01	27065.2362	3590445.742	246.4197	274.6427

Point ID	LATITUDE	LONGITUDE
27.FVA.BG.01	32° 21' 03.33501" N	98° 01' 24.36539" W

31.FVA.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
31.FVA.BG.01	35402.0715	3606293.882	237.8943	266.4073

Point ID	LATITUDE	LONGITUDE
31.FVA.BG.01	32° 29' 48.68278" N	97° 56' 34.61787" W

32.FVA.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
32.FVA.BG.01	36591.2453	3594108.523	280.8973	309.1173

Point ID	LATITUDE	LONGITUDE
32.FVA.BG.01	32° 23' 16.20098° N	97° 55' 27.71297° W

34.FVA.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
34.FVA.BG.01	50323.7874	3576154.259	176.0288	203.9168

Point ID	LATITUDE	LONGITUDE
34.FVA.BG.01	32° 13' 55.33831° N	97° 46' 13.41909" W

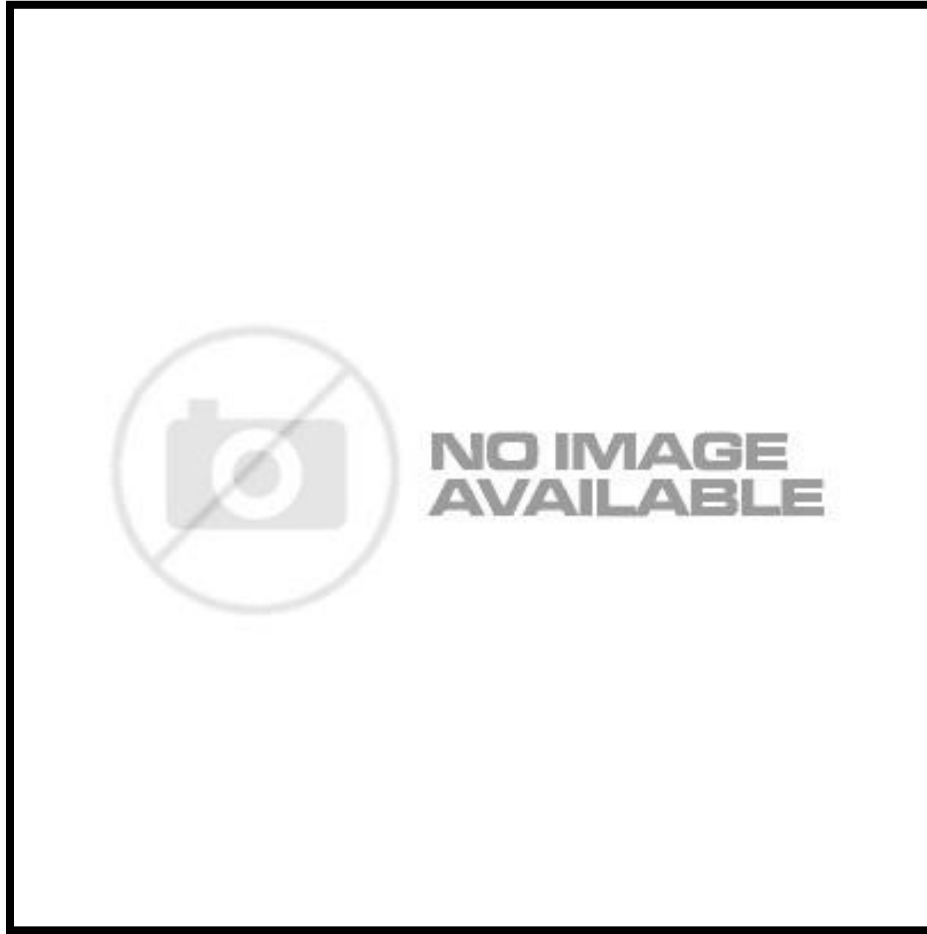
35.FVA.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
35.FVA.BG.01	65586.4196	3581082.72	232.1282	259.9592

Point ID	LATITUDE	LONGITUDE
35.FVA.BG.01	32° 16' 56.49835" N	97° 36' 40.25871" W

38.FVA.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
38.FVA.BG.01	100612.4139	3531277.177	130.4824	157.7944

Point ID	LATITUDE	LONGITUDE
38.FVA.BG.01	31° 50' 50.21926" N	97° 13' 10.69353" W

39.FVA.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
39.FVA.BG.01	89859.0841	3510281.435	159.1436	186.6006

Point ID	LATITUDE	LONGITUDE
39.FVA.BG.01	31° 39' 16.49225" N	97° 19' 27.01435" W

40.FVA.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
40.FVA.BG.01	68613.6282	3538875.326	239.5317	267.0857

Point ID	LATITUDE	LONGITUDE
40.FVA.BG.01	31° 54' 14.26406" N	97° 33' 36.73362" W

42.FVA.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
42.FVA.BG.01	75211.7781	3556956.603	143.9228	171.6038

Point ID	LATITUDE	LONGITUDE
42.FVA.BG.01	32° 04' 08.64281" N	97° 29' 54.90548" W

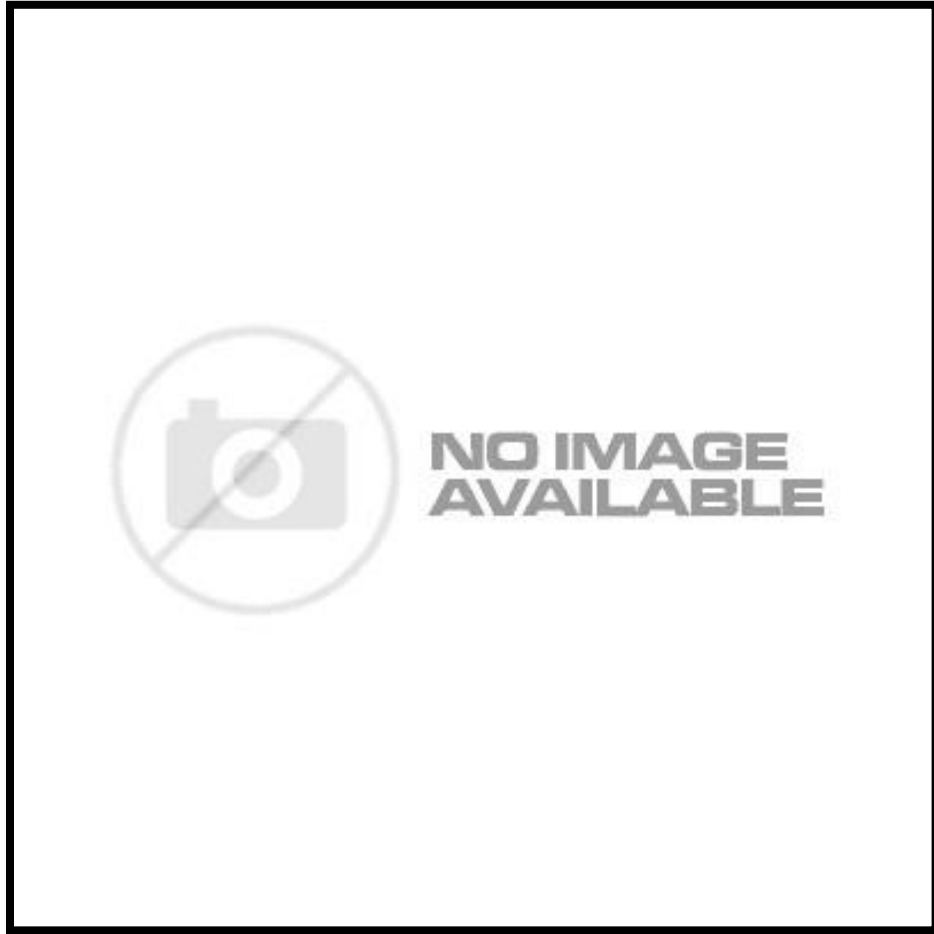
43.FVA.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
43.FVA.BG.01	84991.9862	3564884.532	150.0145	177.6155

Point ID	LATITUDE	LONGITUDE
43.FVA.BG.01	32° 08' 38.44263" N	97° 23' 55.31727" W

44.FVA.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
44.FVA.BG.01	85436.9352	3543526.836	157.3809	184.931

Point ID	LATITUDE	LONGITUDE
44.FVA.BG.01	31° 57' 07.41232° N	97° 23' 05.30636" W

46.FVA.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
46.FVA.BG.01	58552.6716	3592108.87	188.0041	216.0121

Point ID	LATITUDE	LONGITUDE
46.FVA.BG.01	32° 22' 43.50341" N	97° 41' 26.70841" W

51.FVA.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
51.FVA.BG.01	82948.8925	3587681.239	227.74	255.409

Point ID	LATITUDE	LONGITUDE
51.FVA.BG.01	32° 20' 53.88822" N	97° 25' 48.94217" W

[Back To Table of Contents](#)

52.FVA.BG.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
52.FVA.BG.01	52080.3082	3598096.187	193.206	221.356

Point ID	LATITUDE	LONGITUDE
52.FVA.BG.01	32° 25' 48.00488" N	97° 45' 43.76057" W

53.FVA.BG.01



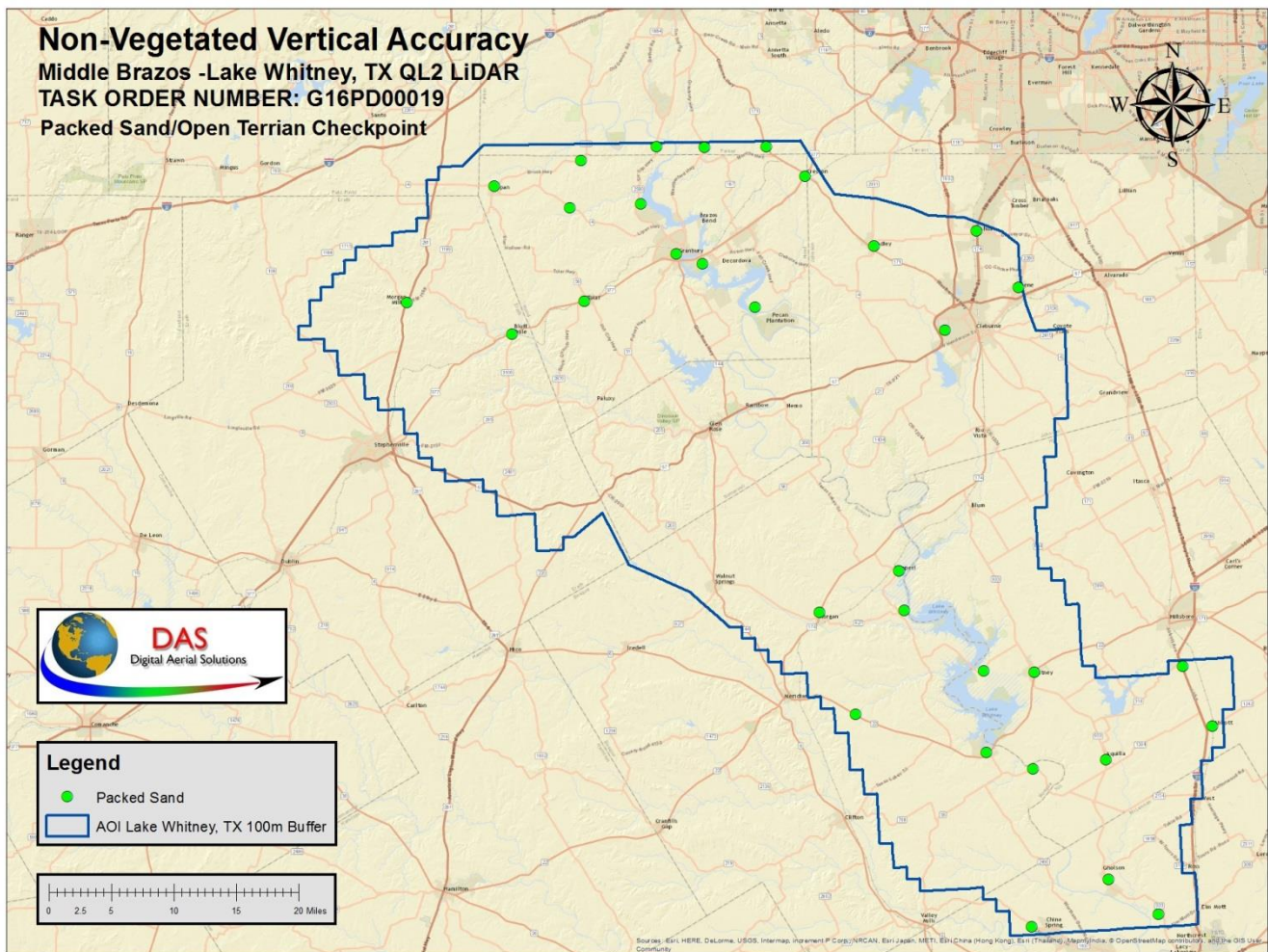
Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
53.FVA.BG.01	58652.0286	3591790.05	184.1814	212.1854

Point ID	LATITUDE	LONGITUDE
53.FVA.BG.01	32° 22' 33.32532° N	97° 41' 22.38446" W

NON-VEGETATED VERTICAL ACCURACY

PACKED SAND

The Map shows the overall spread of the Non-Vegetated Vertical Accuracy checkpoints throughout the AOI. The following three tables contain a list of the Non-Vegetated Vertical Accuracy checkpoints for Packed Sand using Easting, Northing, and Orthometric height, coordinate system displayed is UTM Zone 14 North, NAD83(m); NAVD88 (m) Geoid12B.



Point ID	Easting(m)	Northing(m)	Ortho(m)	LANDTYPE
02.FVA.PS.01	106243.700	3510994.000	153.532	Packed Sand
03.FVA.PS.01	100056.200	3515852.000	134.425	Packed Sand
04.FVA.PS.01	114572.800	3534807.000	217.242	Packed Sand
05.FVA.PS.01	111144.000	3542711.000	185.492	Packed Sand
09.FVA.PS.01	92734.870	3592684.000	277.221	Packed Sand
10.FVA.PS.01	65989.010	3608630.000	315.097	Packed Sand
11.FVA.PS.01	61155.680	3612656.000	341.865	Packed Sand
12.FVA.PS.01	53231.820	3613081.000	275.469	Packed Sand
13.FVA.PS.01	47037.000	3613530.000	243.174	Packed Sand
14.FVA.PS.01	37209.450	3612245.000	278.441	Packed Sand
15.FVA.PS.01	87721.200	3600347.000	277.002	Packed Sand
16.FVA.PS.01	74372.170	3599120.000	282.187	Packed Sand
18.FVA.PS.01	25793.990	3609600.000	281.569	Packed Sand
20.FVA.PS.01	13635.490	3595252.000	321.551	Packed Sand
25.FVA.PS.01	85241.190	3532994.000	184.353	Packed Sand
26.FVA.PS.01	91086.900	3530598.000	151.625	Packed Sand
27.FVA.PS.01	27026.060	3590411.000	275.520	Packed Sand
28.FVA.PS.01	48807.890	3599516.000	226.024	Packed Sand
02.FVA.PS.01	106243.700	3510994.000	153.532	Packed Sand
03.FVA.PS.01	100056.200	3515852.000	134.425	Packed Sand
04.FVA.PS.01	114572.800	3534807.000	217.242	Packed Sand
05.FVA.PS.01	111144.000	3542711.000	185.492	Packed Sand
09.FVA.PS.01	92734.870	3592684.000	277.221	Packed Sand
10.FVA.PS.01	65989.010	3608630.000	315.097	Packed Sand
11.FVA.PS.01	61155.680	3612656.000	341.865	Packed Sand
12.FVA.PS.01	53231.820	3613081.000	275.469	Packed Sand
13.FVA.PS.01	47037.000	3613530.000	243.174	Packed Sand

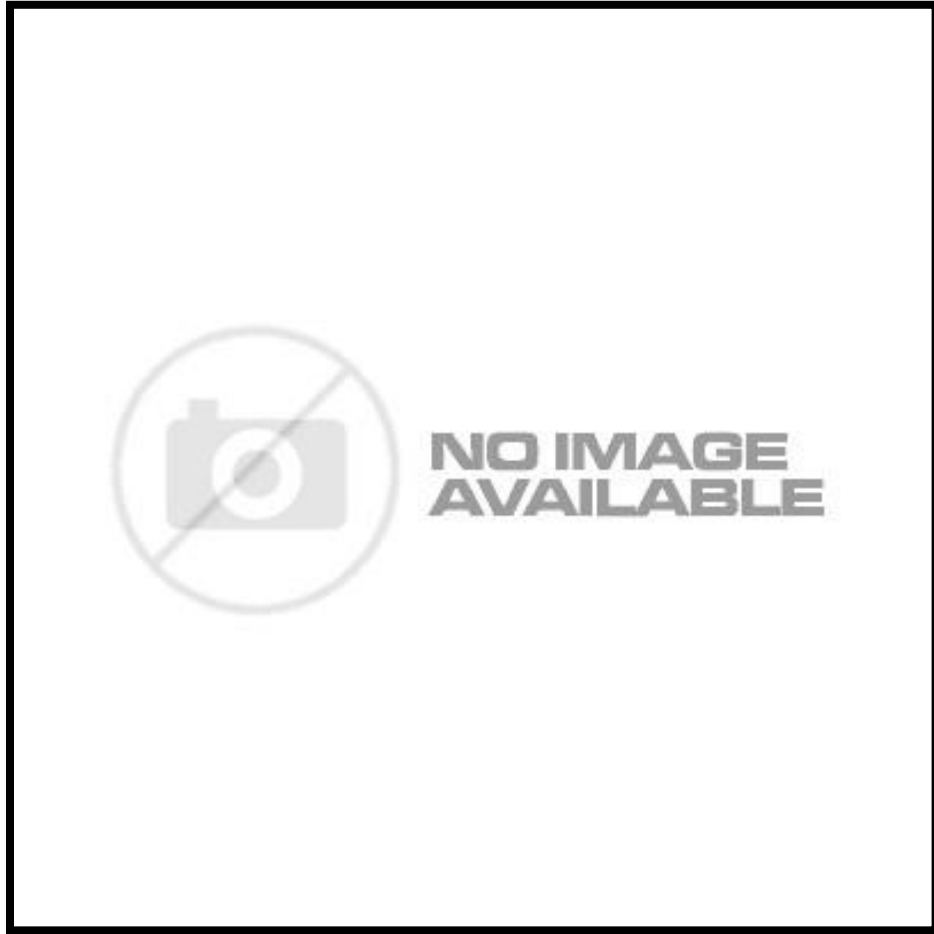
02.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
02.FVA.PS.01	106243.7098	3510994.224	126.4503	153.5324

Point ID	LATITUDE	LONGITUDE
02.FVA.PS.01	31° 40' 00.22378" N	97° 09' 07.58114" W

03.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
03.FVA.PS.01	100056.1821	3515852.267	107.1359	134.4249

Point ID	LATITUDE	LONGITUDE
03.FVA.PS.01	31° 42' 29.88601" N	97° 13' 09.06023" W

04.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
04.FVA.PS.01	114572.8404	3534807.295	190.3199	217.2419

Point ID	LATITUDE	LONGITUDE
04.FVA.PS.01	31° 53' 01.88319" N	97° 04' 25.91471" W

05.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
05.FVA.PS.01	111144.0243	3542711.451	158.4355	185.4915

Point ID	LATITUDE	LONGITUDE
05.FVA.PS.01	31° 57' 13.74144" N	97° 06' 47.50902" W

[Back To Table of Contents](#)

09.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
09.FVA.PS.01	92734.8742	3592684.365	249.6974	277.2214

Point ID	LATITUDE	LONGITUDE
09.FVA.PS.01	32° 23' 48.89109" N	97° 19' 43.36970" W

10.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
10.FVA.PS.01	65989.0101	3608629.66	287.0699	315.0969

Point ID	LATITUDE	LONGITUDE
10.FVA.PS.01	32° 31' 48.77785" N	97° 37' 10.37413" W

11.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
11.FVA.PS.01	61155.6793	3612655.791	313.7041	341.8651

Point ID	LATITUDE	LONGITUDE
11.FVA.PS.01	32° 33' 52.25778" N	97° 40' 21.81387" W

12.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
12.FVA.PS.01	53231.8216	3613080.945	247.1158	275.4688

Point ID	LATITUDE	LONGITUDE
12.FVA.PS.01	32° 33' 54.63270" N	97° 45' 25.38508" W

13.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
13.FVA.PS.01	47037.0036	3613530.074	214.675	243.174

Point ID	LATITUDE	LONGITUDE
13.FVA.PS.01	32° 34' 00.12457" N	97° 49' 22.90219" W

14.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
14.FVA.PS.01	37209.452	3612244.676	249.8129	278.441

Point ID	LATITUDE	LONGITUDE
14.FVA.PS.01	32° 33' 03.93571" N	97° 55' 36.14383" W

15.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
15.FVA.PS.01	87721.2018	3600347.196	249.3613	277.0023

Point ID	LATITUDE	LONGITUDE
15.FVA.PS.01	32° 27' 50.39622" N	97° 23' 06.75763" W

[Back To Table of Contents](#)

16.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
16.FVA.PS.01	74372.1683	3599119.506	254.3607	282.1867

Point ID	LATITUDE	LONGITUDE
16.FVA.PS.01	32° 26' 52.57177" N	97° 31' 34.56793" W

18.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
18.FVA.PS.01	25793.9871	3609599.74	252.8677	281.5687

Point ID	LATITUDE	LONGITUDE
18.FVA.PS.01	32° 31' 21.03370" N	98° 02' 47.39043" W

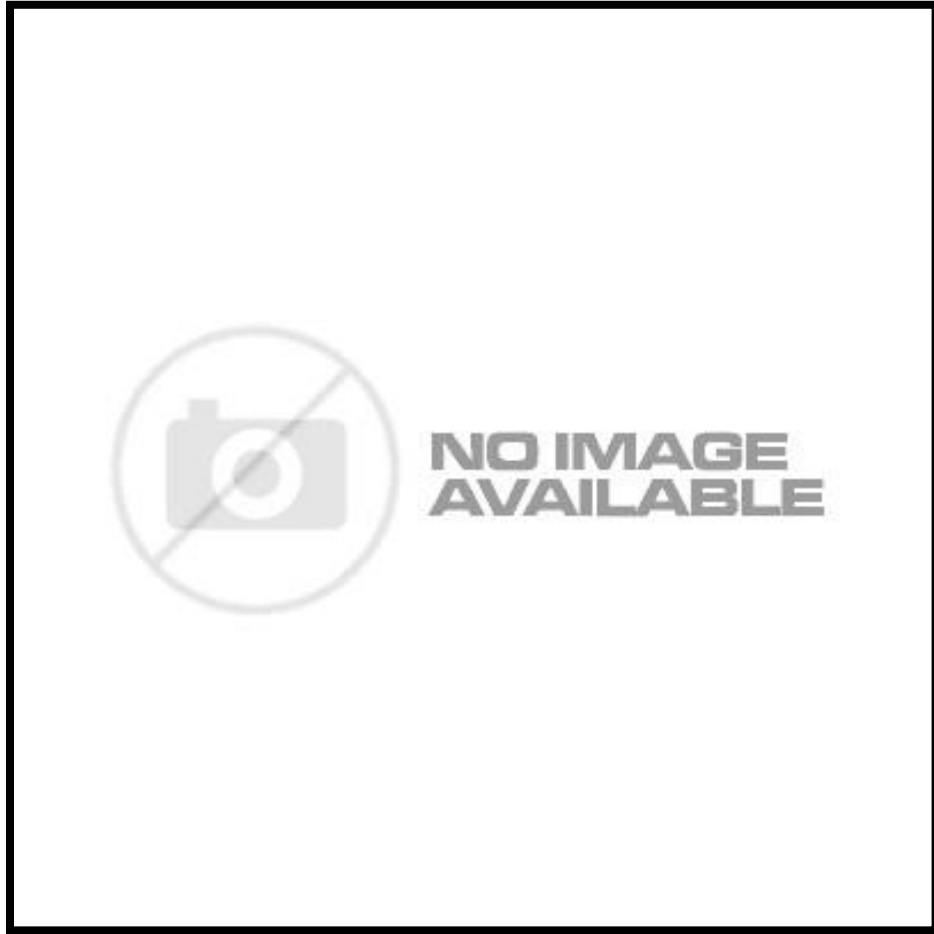
20.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
20.FVA.PS.01	13635.4925	3595251.707	293.1519	321.5509

Point ID	LATITUDE	LONGITUDE
20.FVA.PS.01	32° 23' 18.05703" N	98° 10' 04.99645" W

25.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
25.FVA.PS.01	85241.1867	3532994.352	156.8334	184.3534

Point ID	LATITUDE	LONGITUDE
25.FVA.PS.01	31° 51' 26.07496" N	97° 22' 56.53807" W

26.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
26.FVA.PS.01	91086.8981	3530598.431	124.1585	151.6245

Point ID	LATITUDE	LONGITUDE
26.FVA.PS.01	31° 50' 16.08294" N	97° 19' 11.10004" W

27.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
27.FVA.PS.01	27026.0561	3590411.274	247.2978	275.5198

Point ID	LATITUDE	LONGITUDE
27.FVA.PS.01	32° 21' 02.16029" N	98° 01' 25.79683" W

28.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
28.FVA.PS.01	48807.8922	3599516.487	197.8113	226.0243

Point ID	LATITUDE	LONGITUDE
28.FVA.PS.01	32° 26' 29.22018" N	97° 47' 51.07284" W

30.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
30.FVA.PS.01	44583.8883	3606211.117	198.8995	227.3045

Point ID	LATITUDE	LONGITUDE
30.FVA.PS.01	32° 29' 59.67345" N	97° 50' 43.89436" W

31.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
31.FVA.PS.01	35407.937	3606269.208	238.1822	266.6953

Point ID	LATITUDE	LONGITUDE
31.FVA.PS.01	32° 29' 47.89326" N	97° 56' 34.35016" W

32.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
32.FVA.PS.01	36563.6386	3594118.386	281.1305	309.3505

Point ID	LATITUDE	LONGITUDE
32.FVA.PS.01	32° 23' 16.47888" N	97° 55' 28.78307" W

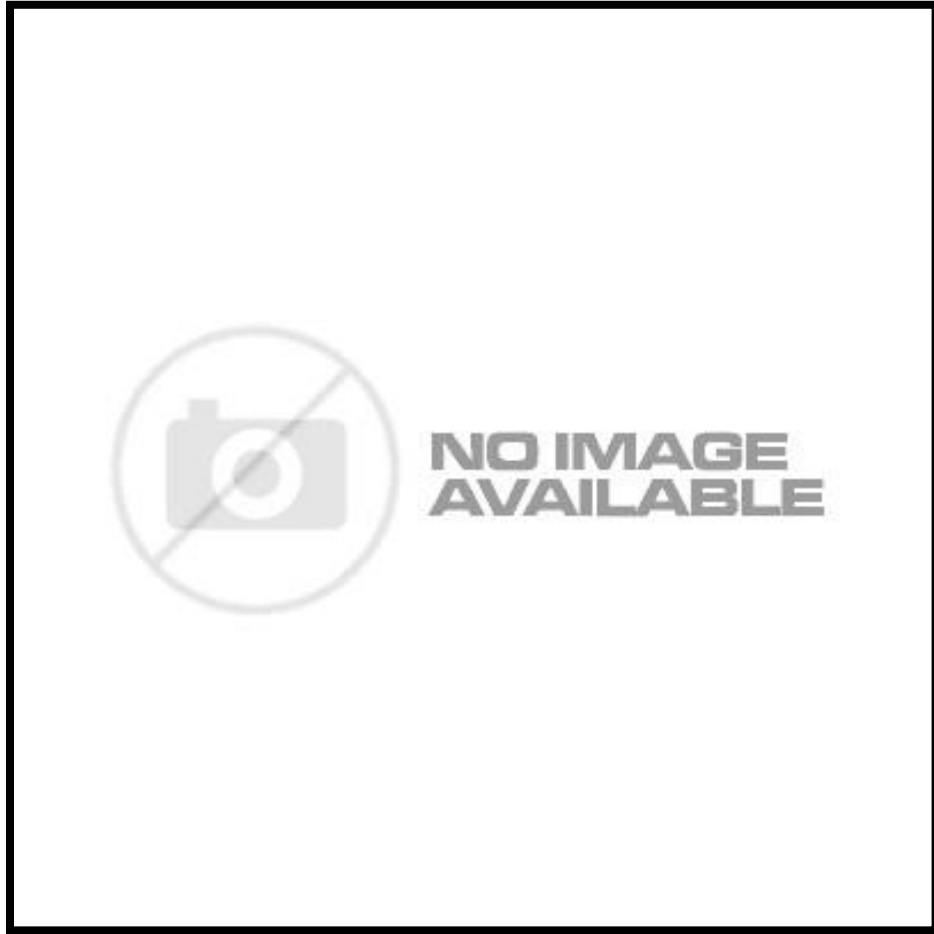
37.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
37.FVA.PS.01	91940.5589	3543026.737	150.1133	177.5793

Point ID	LATITUDE	LONGITUDE
37.FVA.PS.01	31° 56' 59.69603" N	97° 18' 57.51540" W

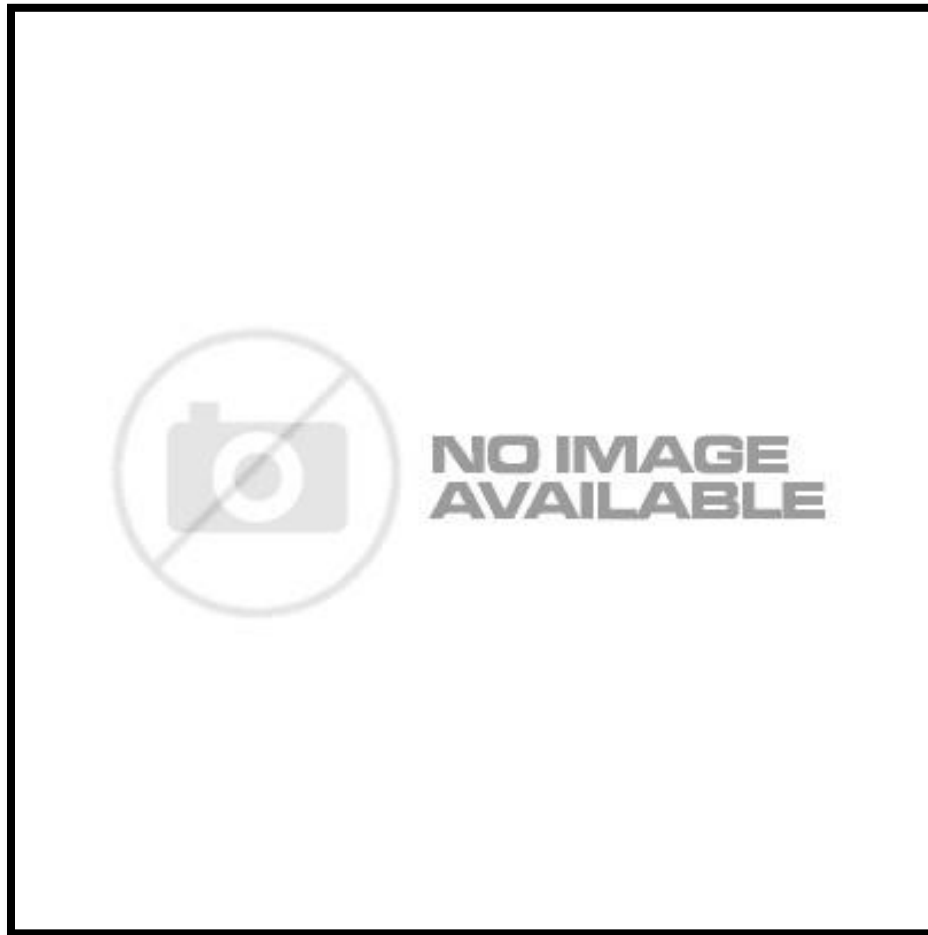
38.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
38.FVA.PS.01	100613.0936	3531260.136	130.6346	157.9456

Point ID	LATITUDE	LONGITUDE
38.FVA.PS.01	31° 50' 49.66815" N	97° 13' 10.64257" W

39.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
39.FVA.PS.01	89867.6122	3510270.835	159.4475	186.9045

Point ID	LATITUDE	LONGITUDE
39.FVA.PS.01	31° 39' 16.15993" N	97° 19' 26.67553" W

40.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
40.FVA.PS.01	68628.2355	3538847.267	240.665	268.219

Point ID	LATITUDE	LONGITUDE
40.FVA.PS.01	31° 54' 13.37557" N	97° 33' 36.13435" W

41.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
41.FVA.PS.01	64662.272	3552269.791	216.0233	243.6584

Point ID	LATITUDE	LONGITUDE
41.FVA.PS.01	32° 01' 22.47289" N	97° 36' 28.38028" W

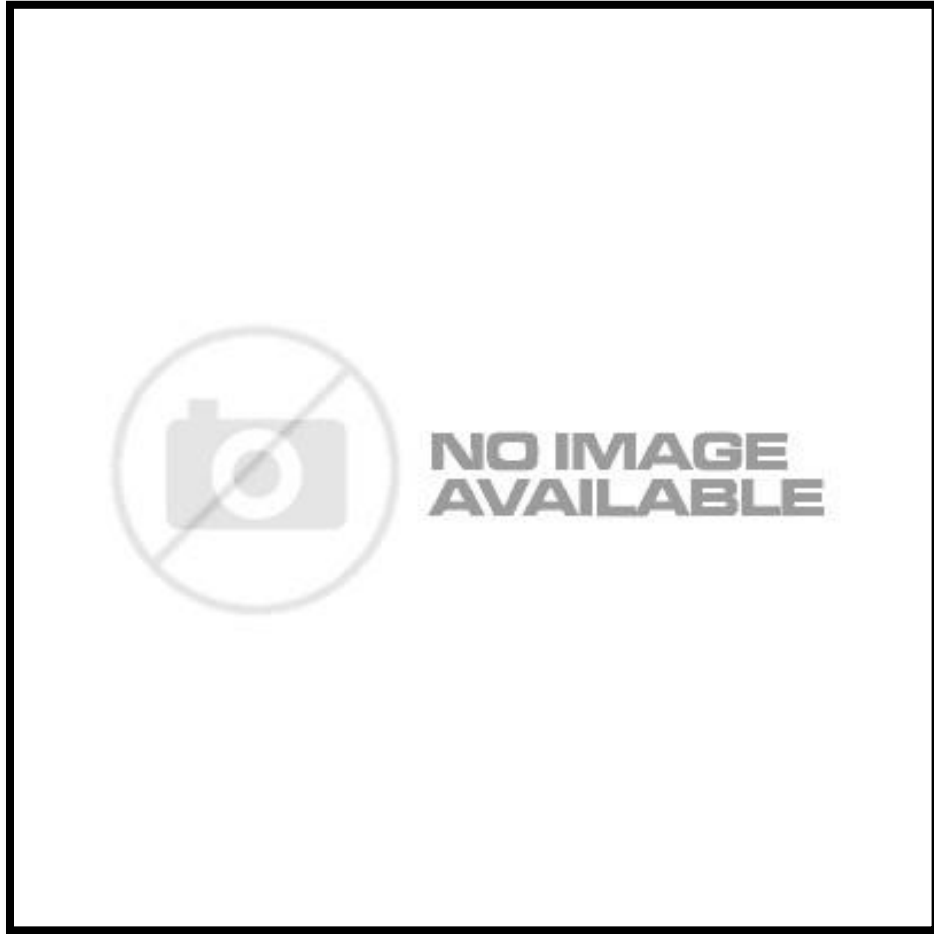
42.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
42.FVA.PS.01	75222.3818	3557031.295	145.0558	172.7368

Point ID	LATITUDE	LONGITUDE
42.FVA.PS.01	32° 04' 11.07552" N	97° 29' 54.62092" W

44.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
44.FVA.PS.01	85434.1765	3543533.951	157.4807	185.0308

Point ID	LATITUDE	LONGITUDE
44.FVA.PS.01	31° 57' 07.63910" N	97° 23' 05.42211" W

45.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
45.FVA.PS.01	75644.8	3551897.983	136.6421	164.2941

Point ID	LATITUDE	LONGITUDE
45.FVA.PS.01	32° 01' 25.43949" N	97° 29' 30.42225" W

46.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
46.FVA.PS.01	58549.7926	3592083.144	187.8102	215.8182

Point ID	LATITUDE	LONGITUDE
46.FVA.PS.01	32° 22' 42.66666" N	97° 41' 26.77510" W

51.FVA.PS.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
51.FVA.PS.01	82931.4477	3587716.586	227.8732	255.5422

Point ID	LATITUDE	LONGITUDE
51.FVA.PS.01	32° 20' 55.00931° N	97° 25' 49.66348" W

52.FVA.PS.01



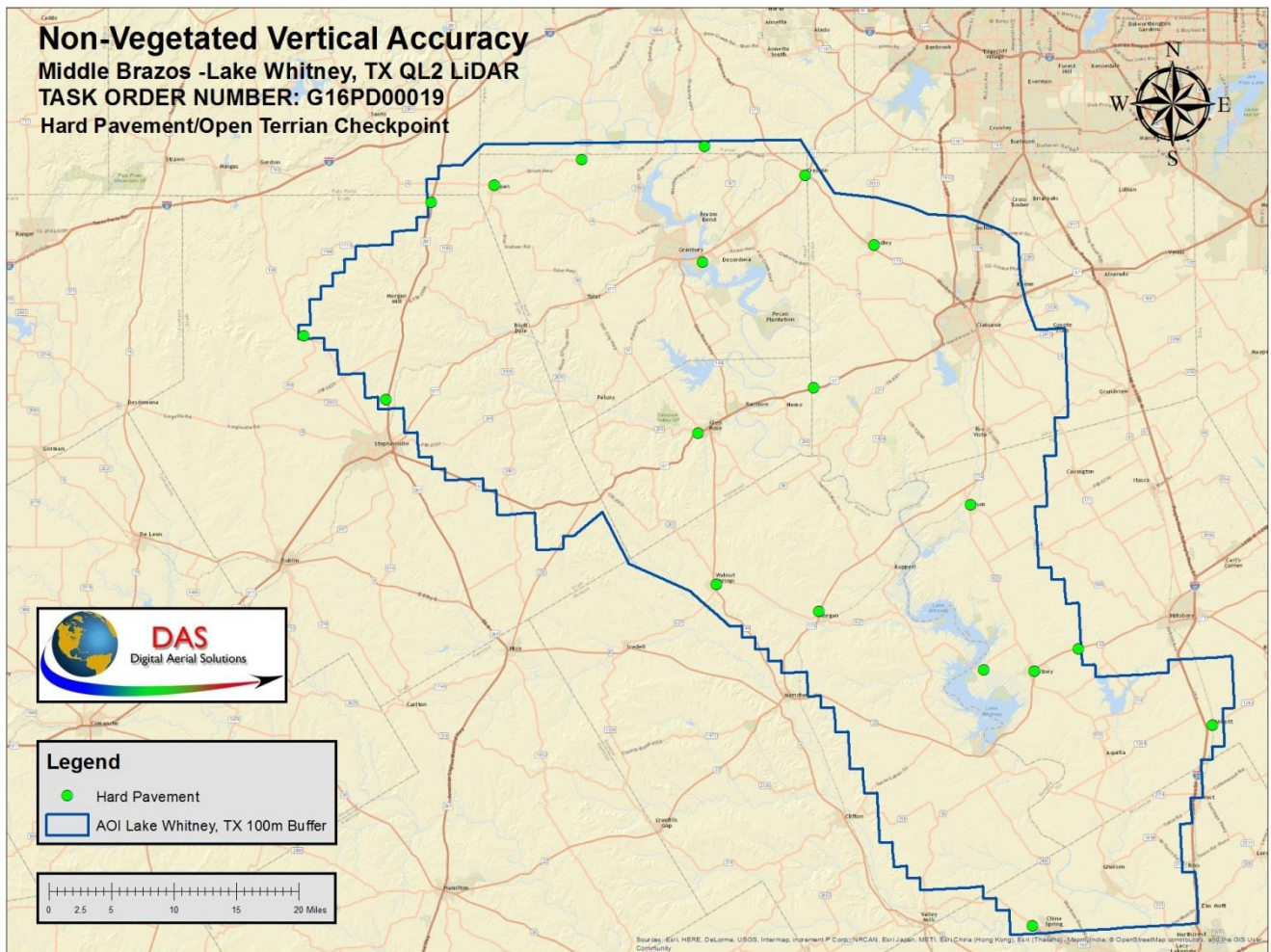
Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
52.FVA.PS.01	52096.8679	3598104.46	192.8676	221.0176

Point ID	LATITUDE	LONGITUDE
52.FVA.PS.01	32° 25' 48.29658" N	97° 45' 43.14275" W

NON-VEGETATED VERTICAL ACCURACY

HARD PAVEMENT

The Map shows the overall spread of the Non-Vegetated Vertical accuracy checkpoints throughout the AOI. The following three tables contain a list of the Non-Vegetated Vertical checkpoints for Hard pavement using Easting, Northing, and Orthometric height, coordinate system displayed UTM Zone 14 North, NAD83(m); NAVD88 (m) Geoid12B.



Point ID	Easting(m)	Northing(m)	Ortho(m)	LAND TYPE
04.FVA.HP.01	114582.997	3534778.216	216.391	Hard Pavement
06.FVA.HP.01	97855.086	3545569.070	175.471	Hard Pavement
10.FVA.HP.01	66005.492	3608625.296	315.852	Hard Pavement
12.FVA.HP.01	53195.909	3613074.562	276.216	Hard Pavement
14.FVA.HP.01	37245.659	3612259.982	278.491	Hard Pavement
16.FVA.HP.01	74364.265	3599101.724	281.517	Hard Pavement
18.FVA.HP.01	25784.472	3609611.603	281.803	Hard Pavement
19.FVA.HP.01	17549.709	3607872.145	346.821	Hard Pavement
21.FVA.HP.01	140.657	3591534.705	443.197	Hard Pavement
22.FVA.HP.01	10264.298	3582743.729	432.422	Hard Pavement
24.FVA.HP.01	51573.784	3556493.610	274.285	Hard Pavement
34.FVA.HP.01	50306.240	3576178.429	204.610	Hard Pavement
35.FVA.HP.01	65560.412	3581153.094	255.868	Hard Pavement
37.FVA.HP.01	91955.280	3543034.028	177.615	Hard Pavement
39.FVA.HP.01	89901.698	3510269.556	187.274	Hard Pavement
41.FVA.HP.01	64638.487	3552279.460	243.192	Hard Pavement
43.FVA.HP.01	84963.480	3564901.907	177.836	Hard Pavement
44.FVA.HP.01	85447.375	3543525.576	185.192	Hard Pavement
52.FVA.HP.01	52101.453	3598113.301	221.130	Hard Pavement

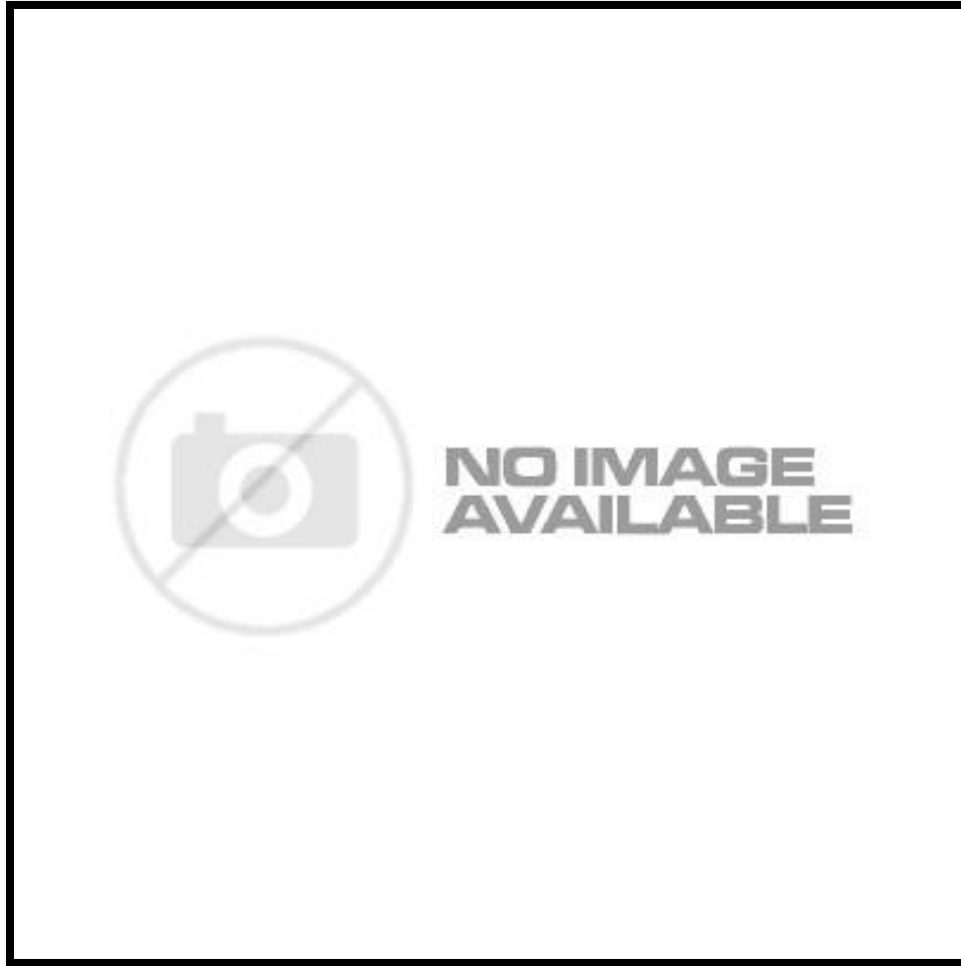
04.FVA.HP.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
04.FVA.HP.01	114582.9968	3534778.216	189.47	216.3911

Point ID	LATITUDE	LONGITUDE
04.FVA.HP.01	114582.9968	3534778.216

06.FVA.HP.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
06.FVA.HP.01	97855.0856	3545569.07	148.1001	175.4711

Point ID	LATITUDE	LONGITUDE
06.FVA.HP.01	31° 58' 29.63464" N	97° 15' 16.64888" W

10.FVA.HP.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
10.FVA.HP.01	66005.4917	3608625.296	287.8247	315.8518

Point ID	LATITUDE	LONGITUDE
10.FVA.HP.01	32° 31' 48.65976" N	97° 37' 09.73712" W

12.FVA.HP.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
12.FVA.HP.01	53195.909	3613074.562	247.8619	276.2159

Point ID	LATITUDE	LONGITUDE
12.FVA.HP.01	32° 33' 54.37407" N	97° 45' 26.74665" W

14.FVA.HP.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
14.FVA.HP.01	37245.6587	3612259.982	249.864	278.491

Point ID	LATITUDE	LONGITUDE
14.FVA.HP.01	32° 33' 04.48526" N	97° 55' 34.78777" W

16.FVA.HP.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
16.FVA.HP.01	74364.2649	3599101.724	253.6909	281.5169

Point ID	LATITUDE	LONGITUDE
16.FVA.HP.01	32° 26' 51.98520" N	97° 31' 34.84085" W

18.FVA.HP.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
18.FVA.HP.01	25784.4717	3609611.603	253.1024	281.8034

Point ID	LATITUDE	LONGITUDE
18.FVA.HP.01	32° 31' 21.40287" N	98° 02' 47.77526" W

19.FVA.HP.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
19.FVA.HP.01	17549.7089	3607872.145	318.1096	346.8207

Point ID	LATITUDE	LONGITUDE
19.FVA.HP.01	32° 30' 12.38335" N	98° 07' 58.97086" W

21.FVA.HP.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
21.FVA.HP.01	140.6566	3591534.705	414.9111	443.1971

Point ID	LATITUDE	LONGITUDE
21.FVA.HP.01	32° 20' 56.42453" N	98° 18' 32.28844" W

22.FVA.HP.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
22.FVA.HP.01	10264.2977	3582743.729	404.4077	432.4217

Point ID	LATITUDE	LONGITUDE
22.FVA.HP.01	32° 16' 28.21464" N	98° 11' 50.30616" W

24.FVA.HP.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
24.FVA.HP.01	51573.7841	3556493.61	246.6793	274.2854

Point ID	LATITUDE	LONGITUDE
24.FVA.HP.01	32° 03' 20.80509" N	97° 44' 52.73804" W

34.FVA.HP.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
34.FVA.HP.01	50306.2401	3576178.429	176.7213	204.6103

Point ID	LATITUDE	LONGITUDE
34.FVA.HP.01	32° 13' 56.09528" N	97° 46' 14.12820" W

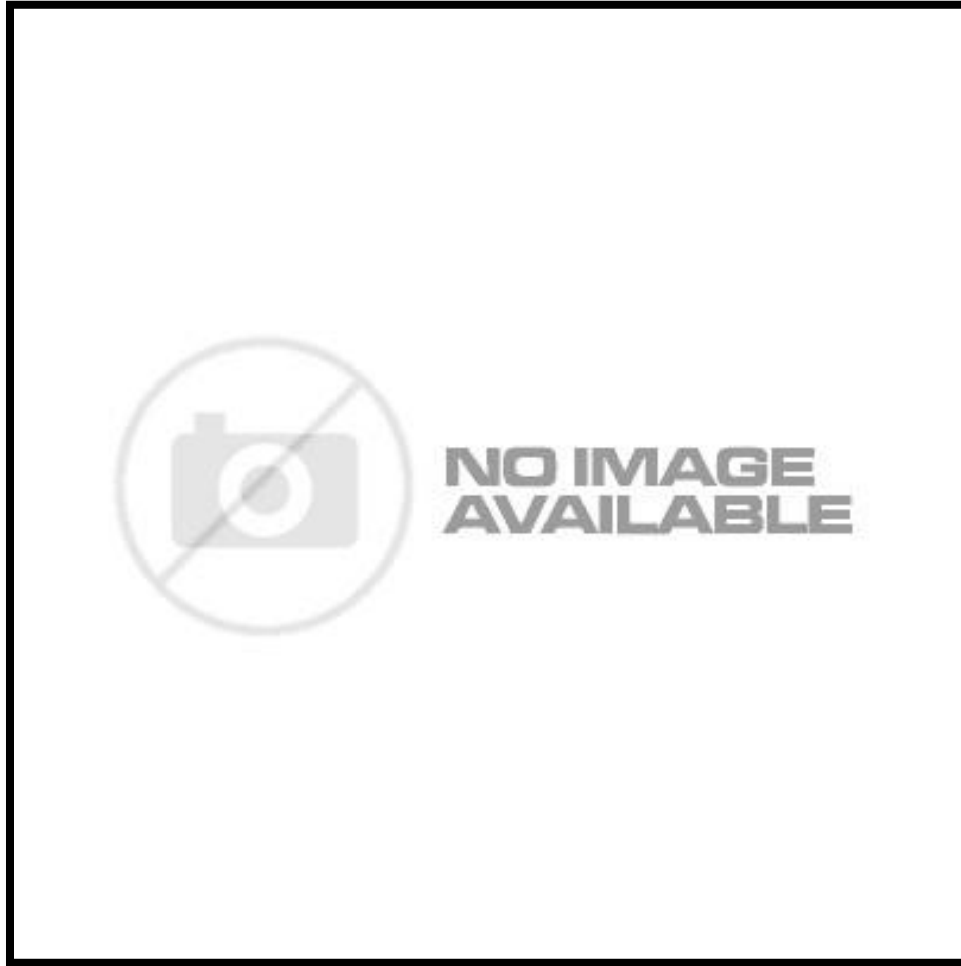
35.FVA.HP.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
35.FVA.HP.01	65560.412	3581153.094	228.0359	255.8679

Point ID	LATITUDE	LONGITUDE
35.FVA.HP.01	32° 16' 58.74020" N	97° 36' 41.36531° W

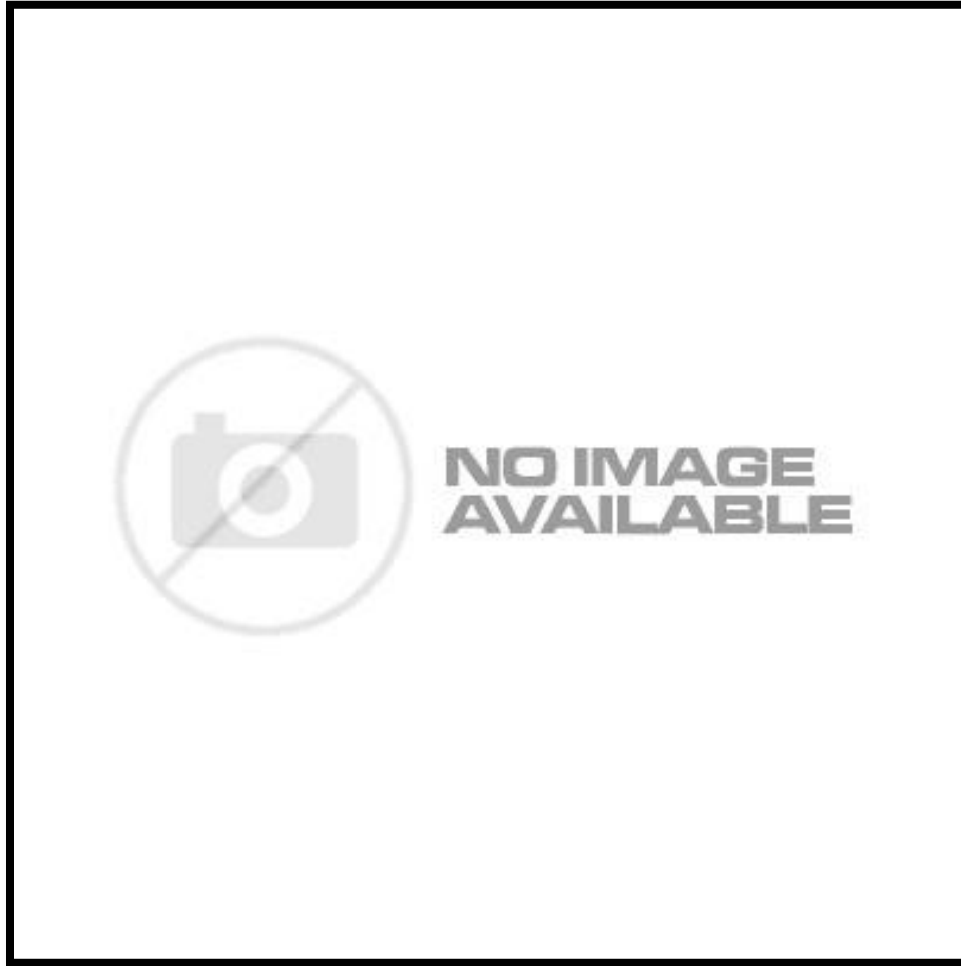
37.FVA.HP.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
37.FVA.HP.01	91955.2801	3543034.028	150.1492	177.6152

Point ID	LATITUDE	LONGITUDE
37.FVA.HP.01	31° 56' 59.95119" N	97° 18' 56.96729" W

39.FVA.HP.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
39.FVA.HP.01	89901.6981	3510269.556	159.8181	187.2741

Point ID	LATITUDE	LONGITUDE
39.FVA.HP.01	31° 39' 16.16230" N	97° 19' 25.38300" W

41.FVA.HP.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
41.FVA.HP.01	64638.4866	3552279.46	215.5571	243.1921

Point ID	LATITUDE	LONGITUDE
41.FVA.HP.01	32° 01' 22.75302" N	97° 36' 29.29981" W

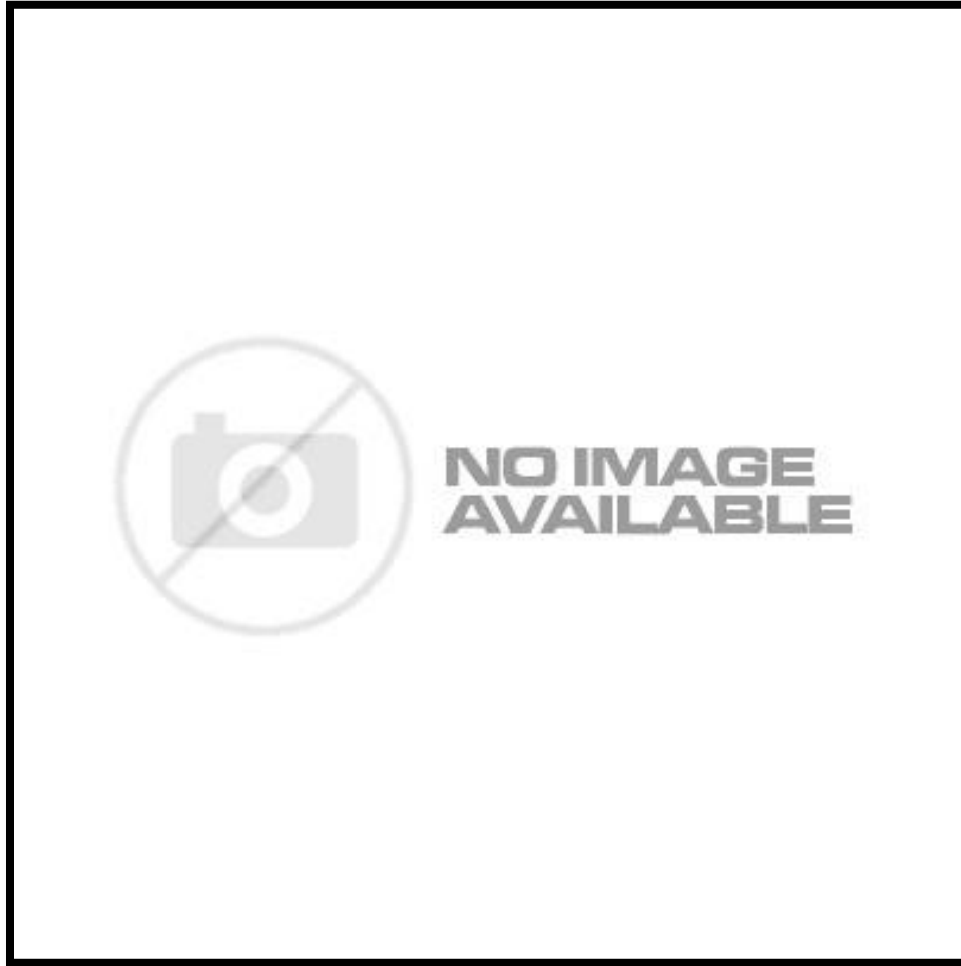
43.FVA.HP.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
43.FVA.HP.01	84963.4798	3564901.907	150.235	177.836

Point ID	LATITUDE	LONGITUDE
43.FVA.HP.01	32° 08' 38.96748" N	97° 23' 56.42930" W

44.FVA.HP.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
44.FVA.HP.01	85447.3747	3543525.576	157.642	185.192

Point ID	LATITUDE	LONGITUDE
44.FVA.HP.01	31° 57' 07.38526" N	97° 23' 04.90791" W

52.FVA.HP.01



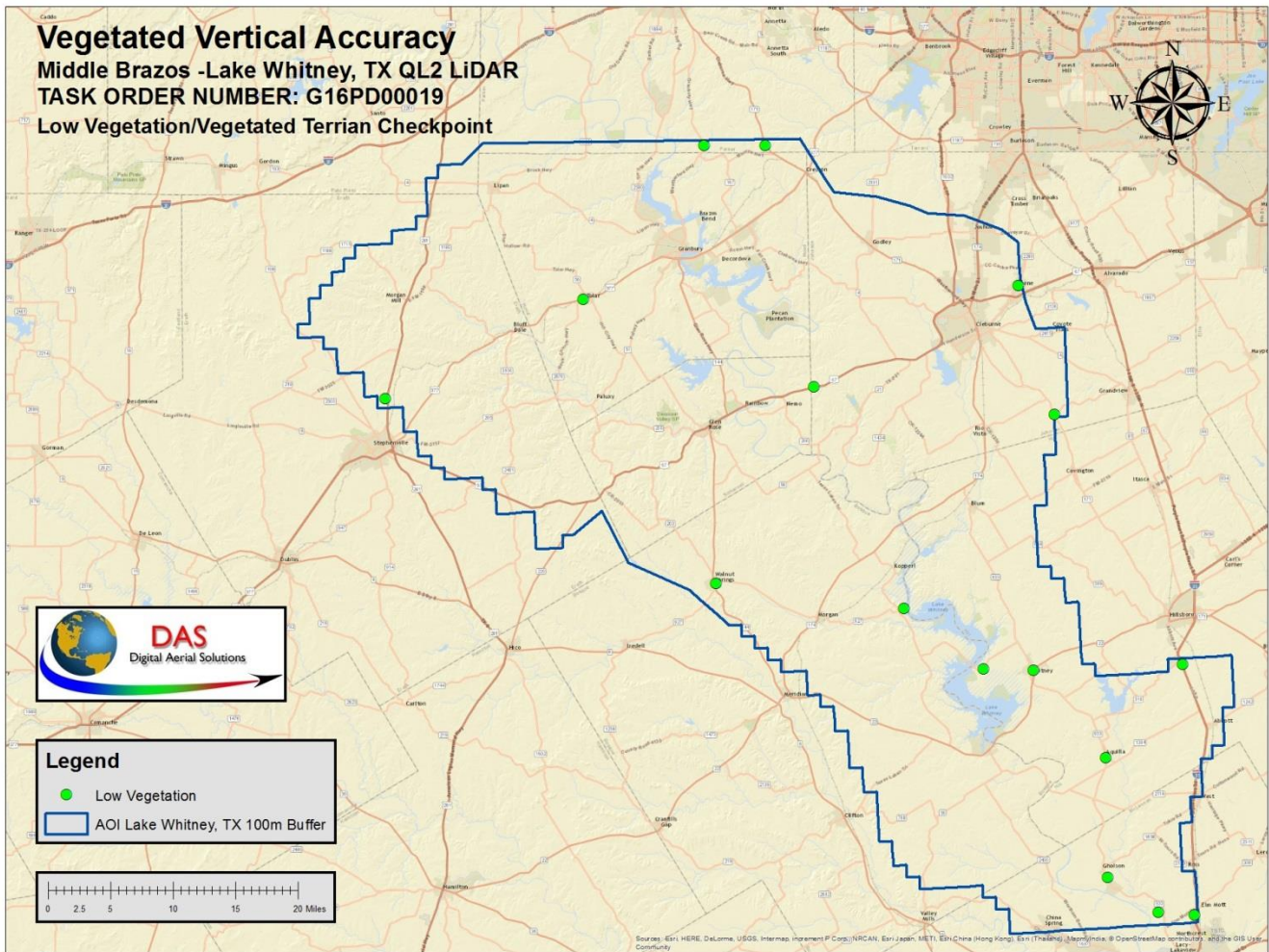
Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
52.FVA.HP.01	52101.4534	3598113.301	192.9802	221.1302

Point ID	LATITUDE	LONGITUDE
52.FVA.HP.01	32° 25' 48.58934" N	97° 45' 42.98283" W

VEGETATED VERTICAL ACCURACY

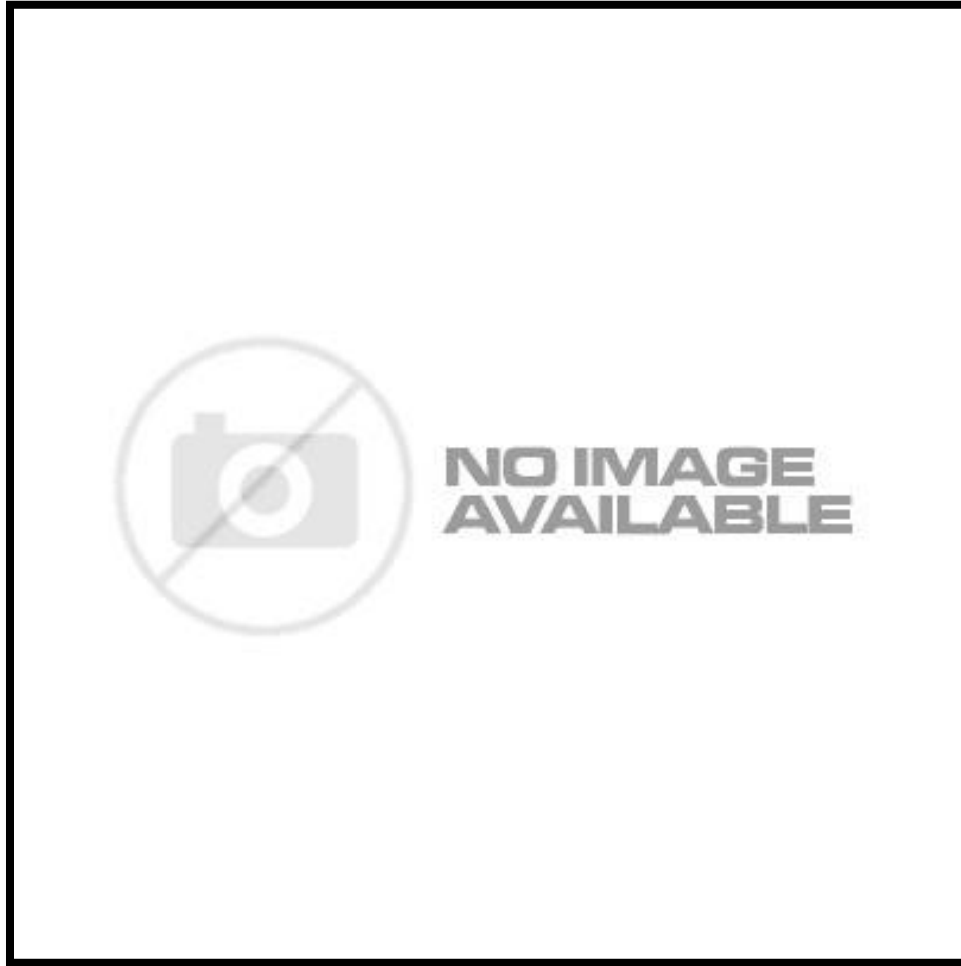
LOW VEGETATION

The Map shows the overall spread of the Vegetated Vertical Accuracy checkpoints throughout the AOI. The following three tables contain a list of the Vegetated Vertical Accuracy checkpoints for Low Vegetation using Easting, Northing, and Orthometric height, coordinate system displayed is UTM Zone 14 North, NAD83(m); NAVD88 (m) Geoid12B.



Point ID	Easting(m)	Northing(m)	Ortho(m)	LAND TYPE
01.SVA.LV.01	110921.423	3510397.075	161.932	Low Vegetation
02.SVA.LV.01	106245.015	3511004.974	153.748	Low Vegetation
03.SVA.LV.01	100026.711	3515840.995	134.066	Low Vegetation
05.SVA.LV.01	111211.354	3542701.178	185.200	Low Vegetation
08.SVA.LV.01	96408.531	3575848.360	256.539	Low Vegetation
09.SVA.LV.01	92732.162	3592702.196	277.660	Low Vegetation
11.SVA.LV.01	61095.966	3612625.427	341.977	Low Vegetation
12.SVA.LV.01	53205.138	3613087.099	276.206	Low Vegetation
22.SVA.LV.01	10259.830	3582733.518	432.137	Low Vegetation
24.SVA.LV.01	51591.677	3556531.257	274.668	Low Vegetation
32.SVA.LV.01	36493.335	3594089.421	308.272	Low Vegetation
35.SVA.LV.01	65598.756	3581112.236	259.020	Low Vegetation
37.SVA.LV.01	91917.508	3543041.751	177.344	Low Vegetation
38.SVA.LV.01	100599.839	3531281.329	157.565	Low Vegetation
44.SVA.LV.01	85442.375	3543584.296	185.256	Low Vegetation
45.SVA.LV.01	75635.896	3551926.926	163.989	Low Vegetation

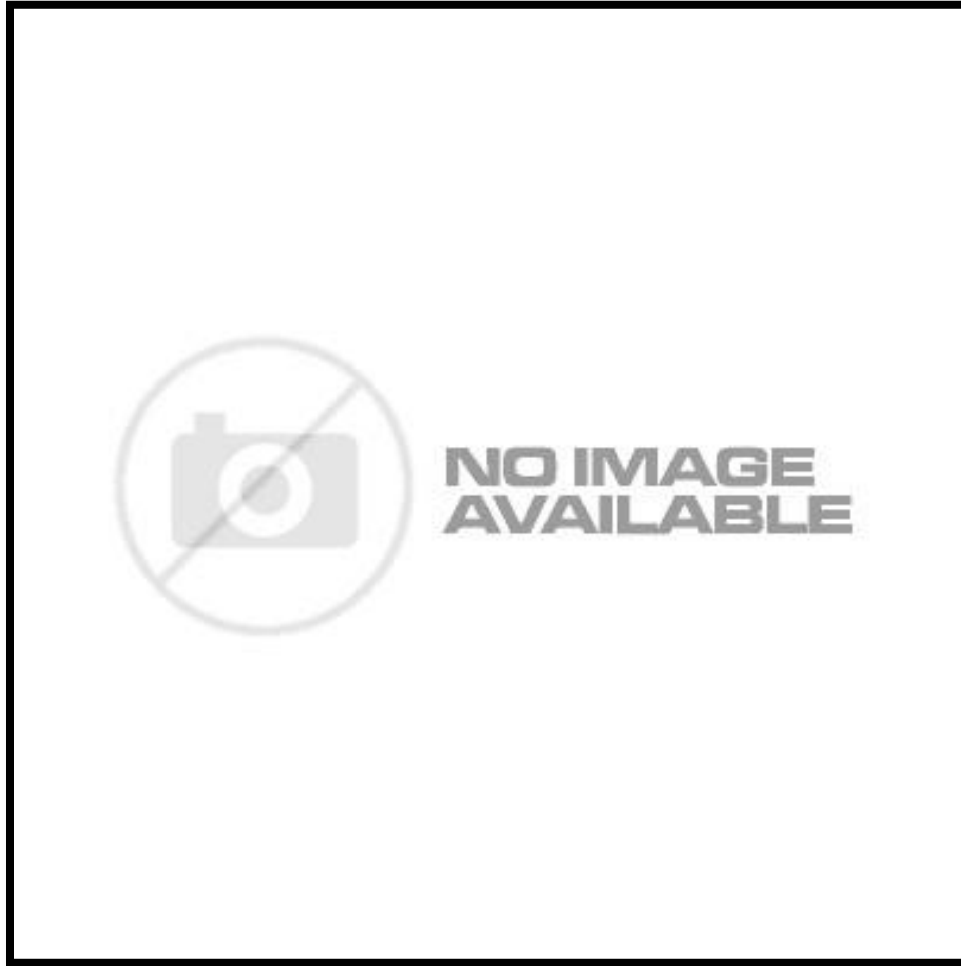
01.SVA.LV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
01.SVA.LV.01	110921.4234	3510397.075	135.0266	161.9316

Point ID	LATITUDE	LONGITUDE
01.SVA.LV.01	31° 39' 46.61924" N	97° 06' 09.54696" W

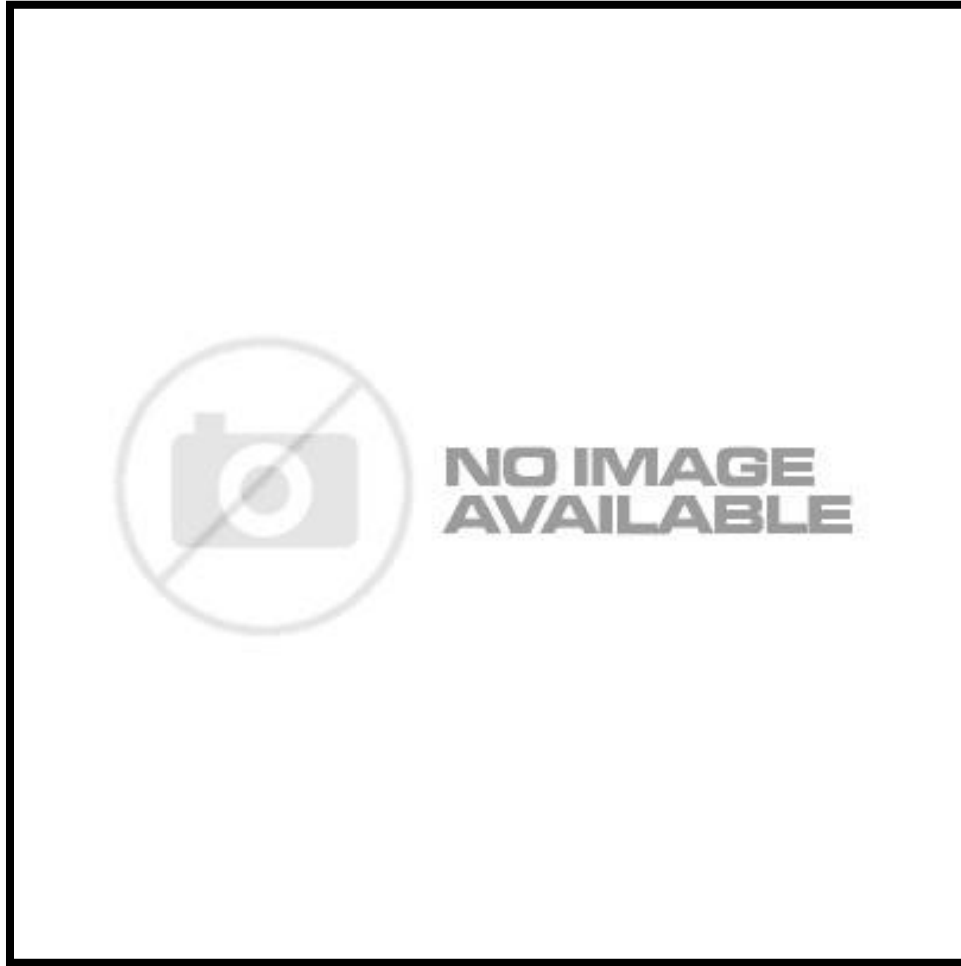
02.SVA.LV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
02.SVA.LV.01	106245.0151	3511004.974	126.6659	153.7479

Point ID	LATITUDE	LONGITUDE
02.SVA.LV.01	31° 40' 00.57364" N	97° 09' 07.54722" W

03.SVA.LV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
03.SVA.LV.01	100026.7109	3515840.995	106.7759	134.0659

Point ID	LATITUDE	LONGITUDE
03.SVA.LV.01	31° 42' 29.48386" N	97° 13' 10.16033" W

05.SVA.LV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
05.SVA.LV.01	111211.3535	3542701.178	158.1456	185.1996

Point ID	LATITUDE	LONGITUDE
05.SVA.LV.01	31° 57' 13.49163" N	97° 06' 44.93595" W

08.SVA.LV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
08.SVA.LV.01	96408.5311	3575848.36	229.1176	256.5386

Point ID	LATITUDE	LONGITUDE
08.SVA.LV.01	32° 14' 48.44803" N	97° 16' 57.41042" W

09.SVA.LV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
09.SVA.LV.01	92732.1623	3592702.196	250.136	277.66

Point ID	LATITUDE	LONGITUDE
09.SVA.LV.01	32° 23' 49.46493" N	97° 19' 43.50082" W

11.SVA.LV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
11.SVA.LV.01	61095.9661	3612625.427	313.815	341.977

Point ID	LATITUDE	LONGITUDE
11.SVA.LV.01	32° 33' 51.18993" N	97° 40' 24.04517" W

12.SVA.LV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
12.SVA.LV.01	53205.1381	3613087.099	247.852	276.206

Point ID	LATITUDE	LONGITUDE
12.SVA.LV.01	32° 33' 54.79319" N	97° 45' 26.41540" W

22.SVA.LV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
22.SVA.LV.01	10259.8296	3582733.518	404.1224	432.1365

Point ID	LATITUDE	LONGITUDE
22.SVA.LV.01	32° 16' 27.87735" N	98° 11' 50.45738" W

24.SVA.LV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
24.SVA.LV.01	51591.6773	3556531.257	247.0612	274.6682

Point ID	LATITUDE	LONGITUDE
24.SVA.LV.01	32° 03' 22.04911" N	97° 44' 52.12108" W

32.SVA.LV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
32.SVA.LV.01	36493.3348	3594089.421	280.0515	308.2715

Point ID	LATITUDE	LONGITUDE
32.SVA.LV.01	32° 23' 15.43668" N	97° 55' 31.41302" W

35.SVA.LV.01

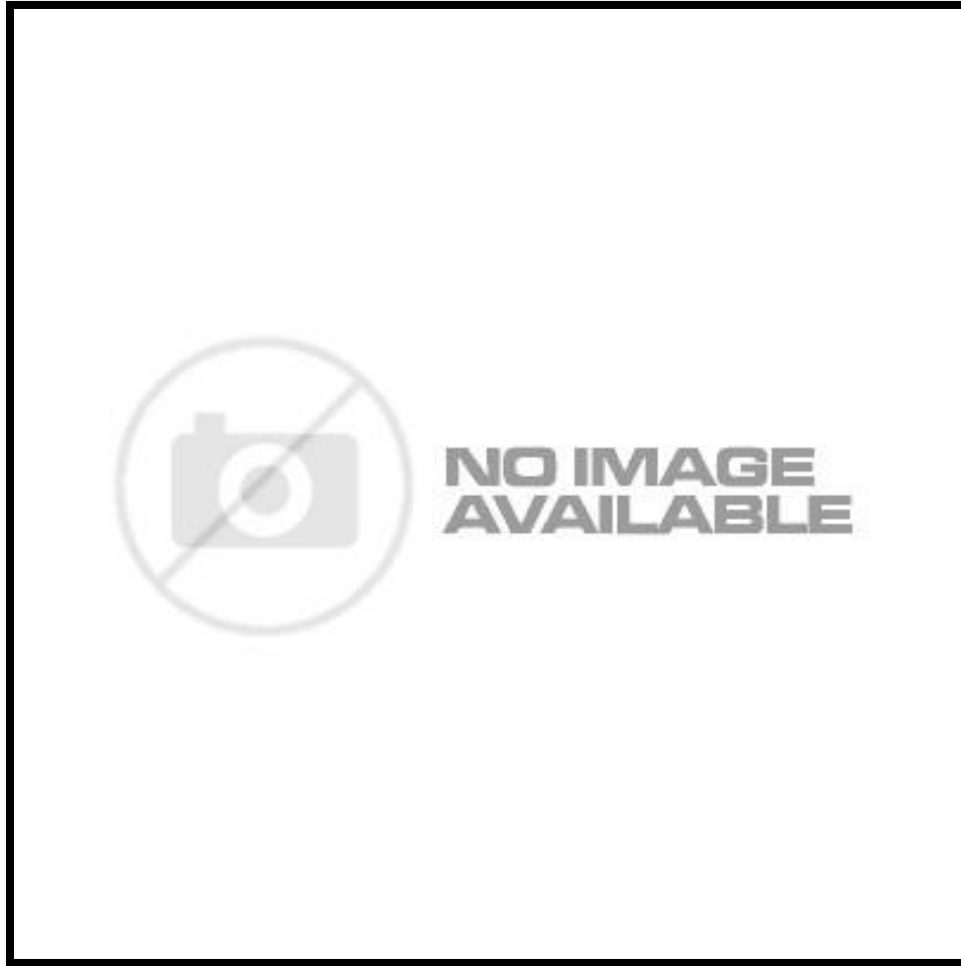


Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
35.SVA.LV.01	65598.7557	3581112.236	231.1889	259.0199

Point ID	LATITUDE	LONGITUDE
35.SVA.LV.01	32° 16' 57.47105" N	97° 36' 39.83708" W

[Back To Table of Contents](#)

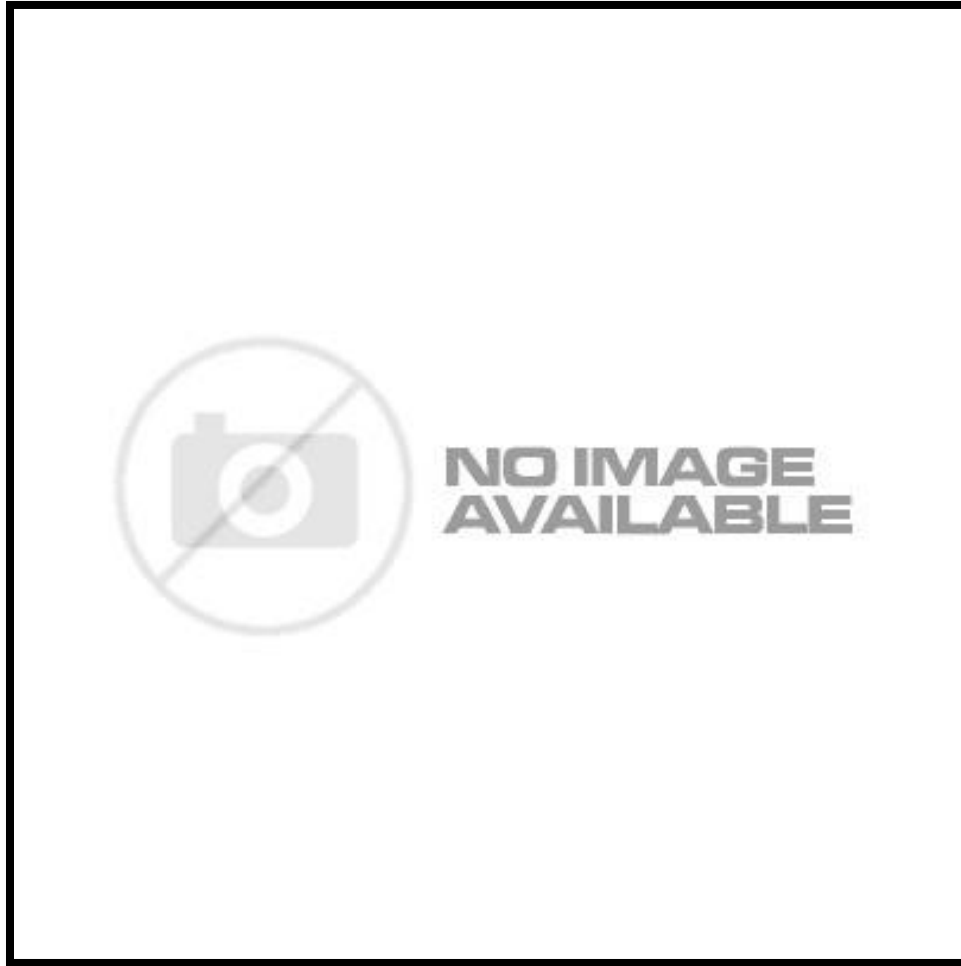
37.SVA.LV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
37.SVA.LV.01	91917.5084	3543041.751	149.8765	177.3435

Point ID	LATITUDE	LONGITUDE
37.SVA.LV.01	31° 57' 00.15248" N	97° 18' 58.41374" W

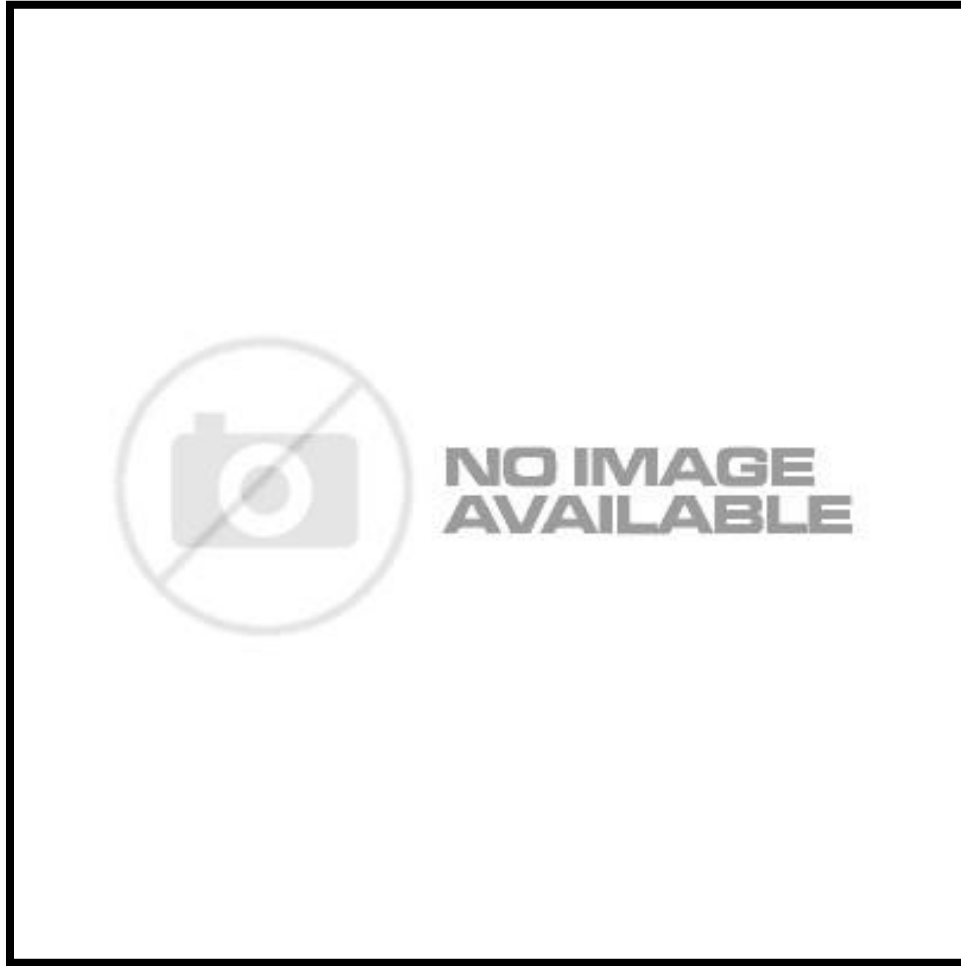
38.SVA.LV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
38.SVA.LV.01	100599.8392	3531281.329	130.2527	157.5647

Point ID	LATITUDE	LONGITUDE
38.SVA.LV.01	31° 50' 50.33791" N	97° 13' 11.17684" W

44.SVA.LV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
44.SVA.LV.01	85442.3752	3543584.296	157.7057	185.2557

Point ID	LATITUDE	LONGITUDE
44.SVA.LV.01	31° 57' 09.28024" N	97° 23' 05.18831° W

45.SVA.LV.01



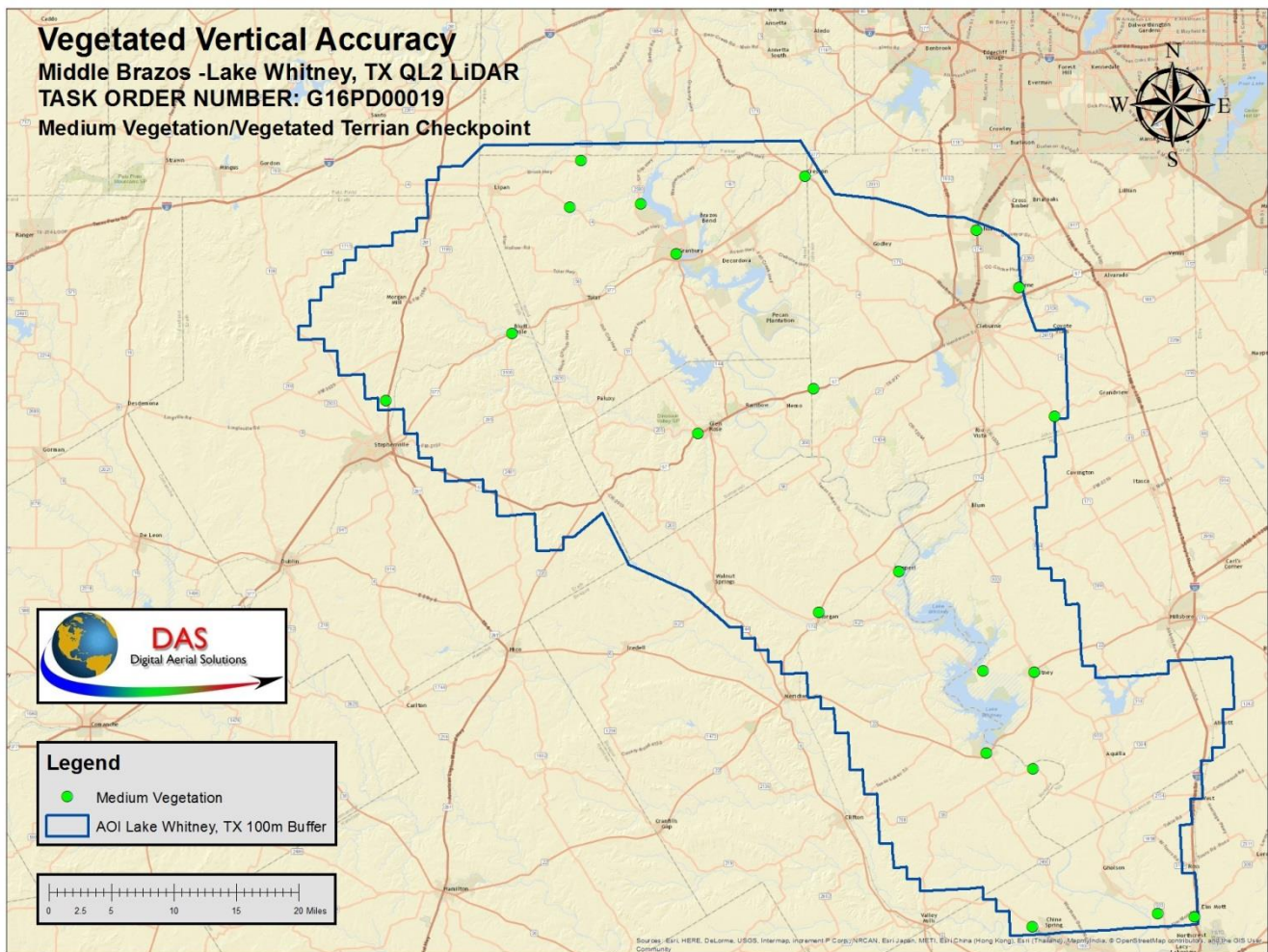
Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
45.SVA.LV.01	75635.8957	3551926.926	136.3371	163.9891

Point ID	LATITUDE	LONGITUDE
45.SVA.LV.01	32° 01' 26.36461" N	97° 29' 30.80649" W

VEGETATED VERTICAL ACCURACY

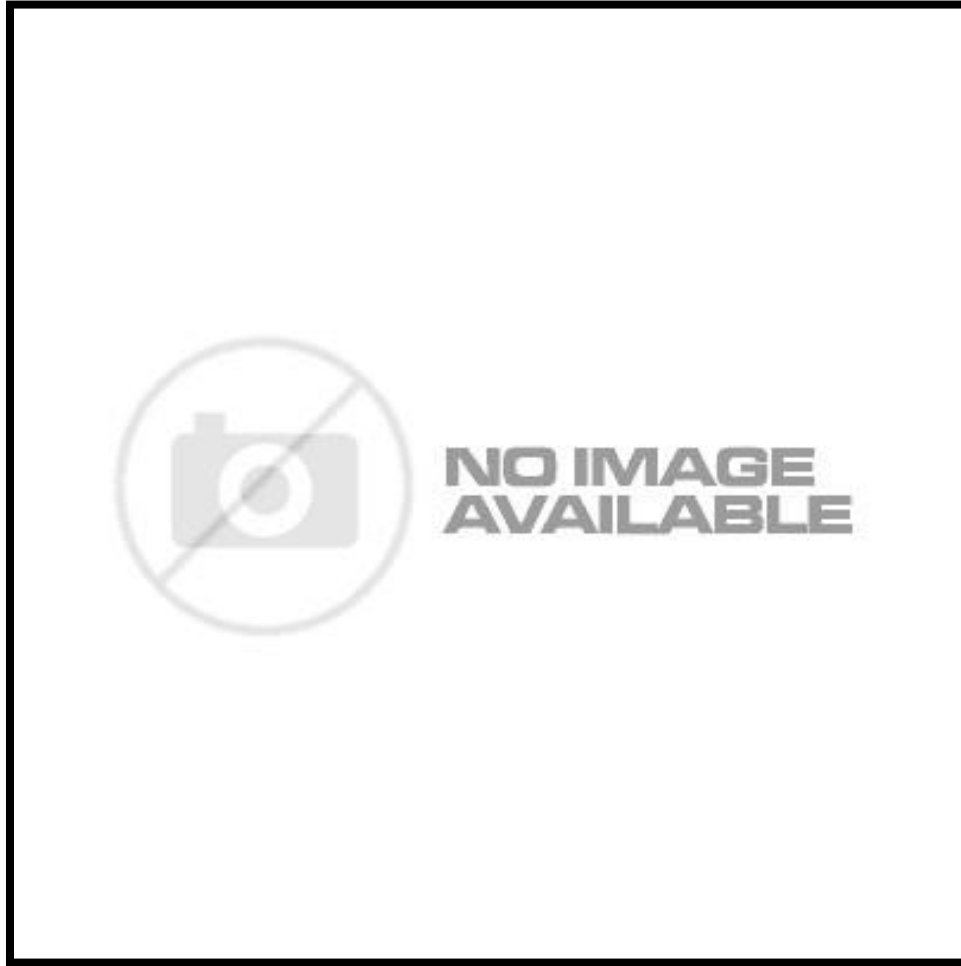
MEDIUM VEGETATION

The Map shows the overall spread of the Vegetated Vertical Accuracy checkpoints throughout the AOI. The following two tables contain a list of the Vegetated Vertical Accuracy checkpoints for Medium Vegetation using Easting, Northing, and Orthometric height, coordinate system displayed is UTM Zone 14 North, NAD83(m); NAVD88 (m) Geoid12B.



Point ID	Easting(m)	Northing(m)	Ortho(m)	LAND TYPE
01.SVA.MV.01	110942.834	3510407.633	161.464	Medium Vegetation
02.SVA.MV.01	106229.517	3511025.610	152.859	Medium Vegetation
08.SVA.MV.01	96437.053	3575836.906	256.189	Medium Vegetation
09.SVA.MV.01	92789.336	3592716.052	279.402	Medium Vegetation
10.SVA.MV.01	65970.046	3608578.899	314.396	Medium Vegetation
14.SVA.MV.01	37209.573	3612260.951	278.880	Medium Vegetation
15.SVA.MV.01	87714.291	3600382.006	275.947	Medium Vegetation
22.SVA.MV.01	10270.455	3582728.881	432.316	Medium Vegetation
25.SVA.MV.01	85221.670	3532991.125	183.862	Medium Vegetation
26.SVA.MV.01	91105.150	3530590.188	151.310	Medium Vegetation
27.SVA.MV.01	27031.592	3590427.790	274.787	Medium Vegetation
28.SVA.MV.01	48792.842	3599556.363	226.637	Medium Vegetation
30.SVA.MV.01	44621.801	3606201.070	231.309	Medium Vegetation
31.SVA.MV.01	35411.149	3606289.599	266.471	Medium Vegetation
34.SVA.MV.01	50325.259	3576195.568	205.800	Medium Vegetation
35.SVA.MV.01	65575.936	3581113.748	257.874	Medium Vegetation

01.SVA.MV.01

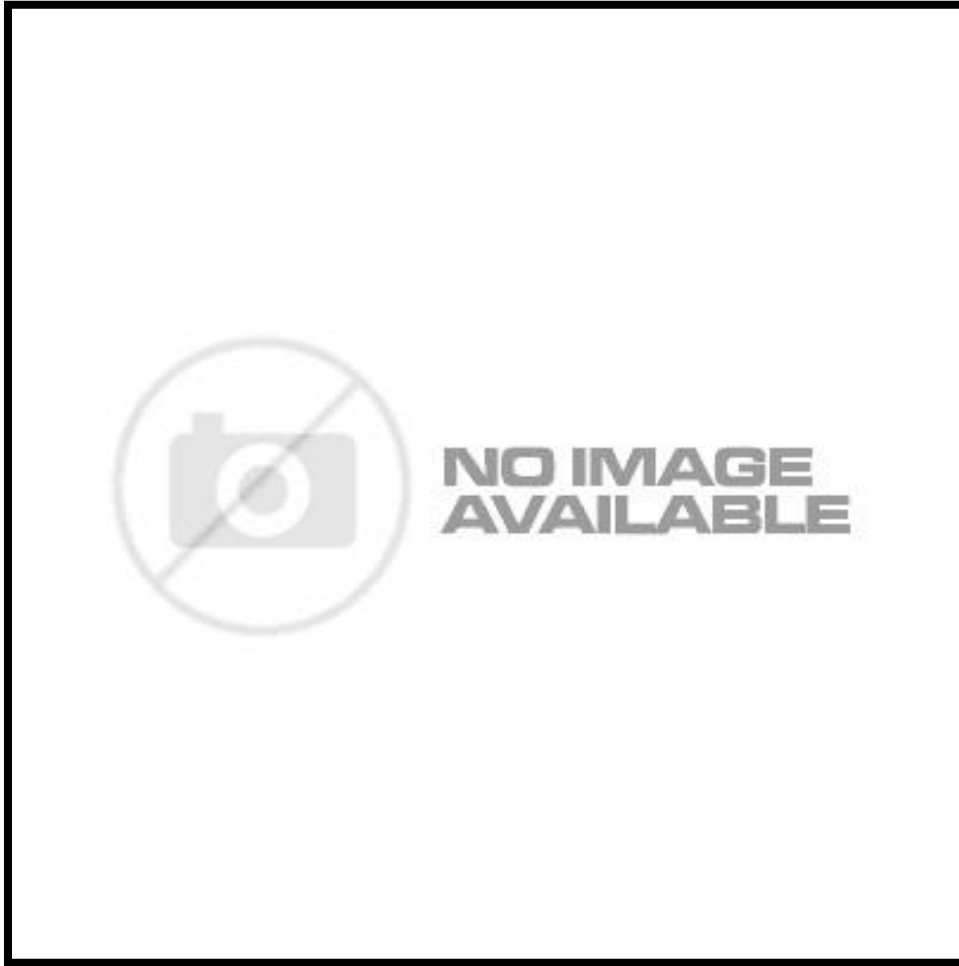


Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
01.SVA.MV.01	110942.8338	3510407.633	134.5589	161.4639

Point ID	LATITUDE	LONGITUDE
01.SVA.MV.01	31° 39' 46.98739" N	97° 06' 08.75104" W

[Back To Table of Contents](#)

02.SVA.MV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
02.SVA.MV.01	106229.5172	3511025.61	125.776	152.8591

Point ID	LATITUDE	LONGITUDE
02.SVA.MV.01	31° 40' 01.22300" N	97° 09' 08.16402" W

[Back To Table of Contents](#)

08.SVA.MV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
08.SVA.MV.01	96437.0531	3575836.906	228.7677	256.1887

Point ID	LATITUDE	LONGITUDE
08.SVA.MV.01	32° 14' 48.11400" N	97° 16' 56.30604" W

09.SVA.MV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
09.SVA.MV.01	92789.3358	3592716.052	251.8777	279.4017

Point ID	LATITUDE	LONGITUDE
09.SVA.MV.01	32° 23' 49.98873" N	97° 19' 41.33998° W

10.SVA.MV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
10.SVA.MV.01	65970.0462	3608578.899	286.3689	314.3959

Point ID	LATITUDE	LONGITUDE
10.SVA.MV.01	32° 31' 47.10804" N	97° 37' 11.01447" W

14.SVA.MV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
14.SVA.MV.01	37209.5728	3612260.951	250.2522	278.8802

Point ID	LATITUDE	LONGITUDE
14.SVA.MV.01	32° 33' 04.46245" N	97° 55' 36.16805" W

15.SVA.MV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
15.SVA.MV.01	87714.2914	3600382.006	248.3057	275.9468

Point ID	LATITUDE	LONGITUDE
15.SVA.MV.01	32° 27' 51.51418" N	97° 23' 07.07630" W

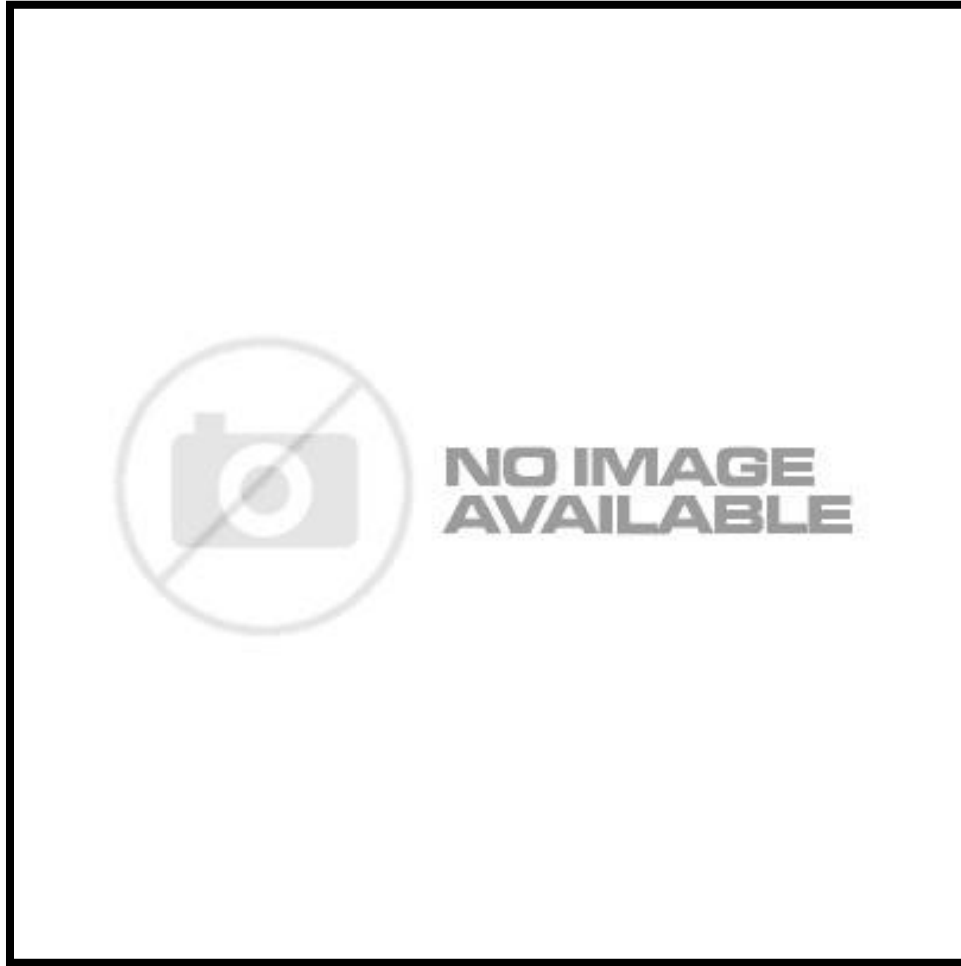
22.SVA.MV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
22.SVA.MV.01	10270.4551	3582728.881	404.3024	432.3164

Point ID	LATITUDE	LONGITUDE
22.SVA.MV.01	32° 16' 27.74406" N	98° 11' 50.04429" W

25.SVA.MV.01

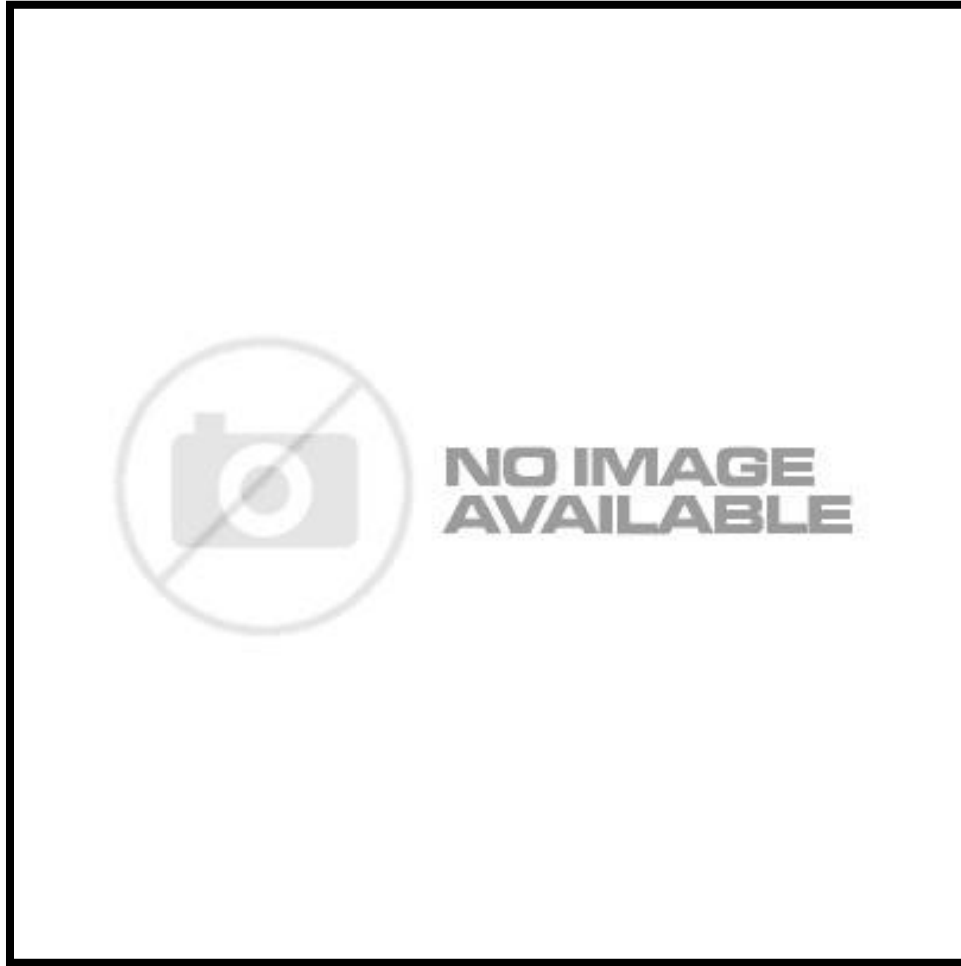


Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
25.SVA.MV.01	85221.6703	3532991.125	156.3419	183.862

Point ID	LATITUDE	LONGITUDE
25.SVA.MV.01	31° 51' 25.94489" N	97° 22' 57.27361" W

[Back To Table of Contents](#)

26.SVA.MV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
26.SVA.MV.01	91105.1502	3530590.188	123.8436	151.3096

Point ID	LATITUDE	LONGITUDE
26.SVA.MV.01	31° 50' 15.83955" N	97° 19' 10.39513" W

[Back To Table of Contents](#)

27.SVA.MV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
27.SVA.MV.01	27031.592	3590427.79	246.5643	274.7873

Point ID	LATITUDE	LONGITUDE
27.SVA.MV.01	32° 21' 02.70305" N	98° 01' 25.61546" W

28.SVA.MV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
28.SVA.MV.01	48792.8417	3599556.363	198.4233	226.6373

Point ID	LATITUDE	LONGITUDE
28.SVA.MV.01	32° 26' 30.48871" N	97° 47' 51.71573" W

30.SVA.MV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
30.SVA.MV.01	44621.8011	3606201.07	202.9048	231.3089

Point ID	LATITUDE	LONGITUDE
30.SVA.MV.01	32° 29' 59.40422" N	97° 50' 42.42918" W

31.SVA.MV.01

Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
31.SVA.MV.01	35411.1488	3606289.599	237.9583	266.4714

Point ID	LATITUDE	LONGITUDE
31.SVA.MV.01	32° 29' 48.55784" N	97° 56' 34.26371" W

34.SVA.MV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
34.SVA.MV.01	50325.2585	3576195.568	177.9109	205.7999

Point ID	LATITUDE	LONGITUDE
34.SVA.MV.01	32° 13' 56.67737" N	97° 46' 13.43308" W

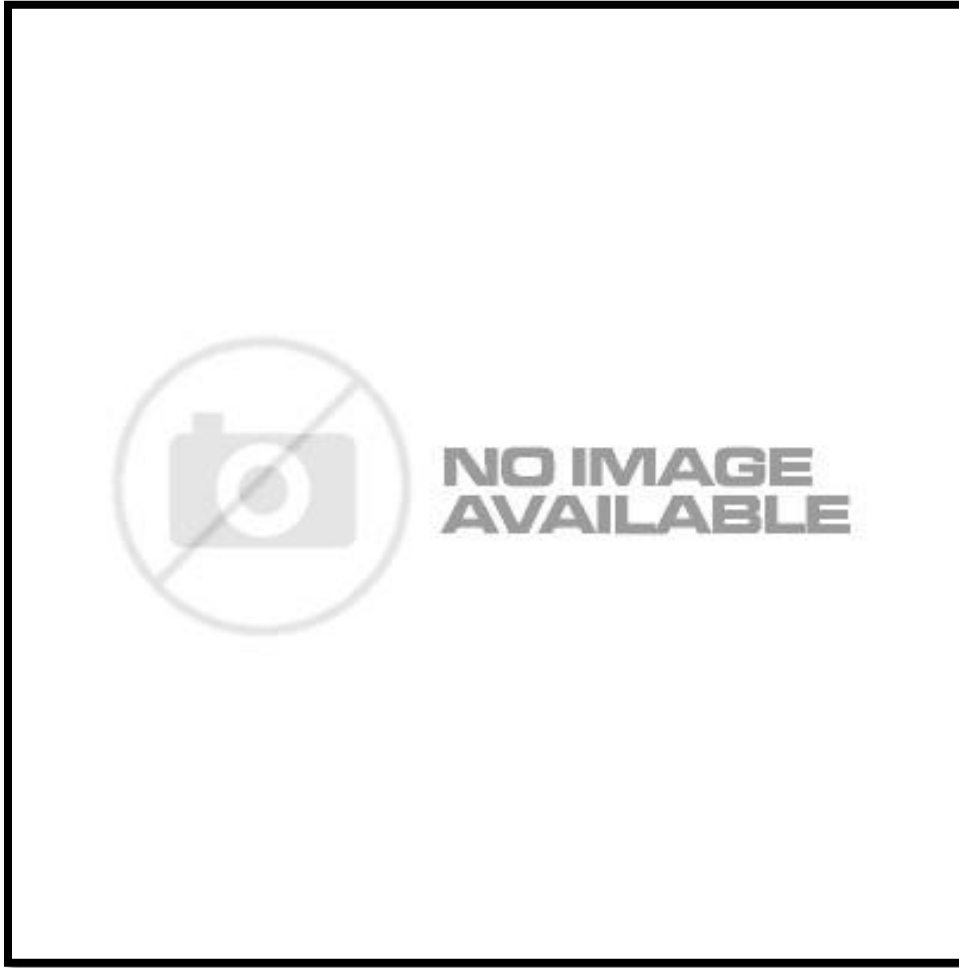
35.SVA.MV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
35.SVA.MV.01	65575.9357	3581113.748	230.0418	257.8738

Point ID	LATITUDE	LONGITUDE
35.SVA.MV.01	32° 16' 57.48816" N	97° 36' 40.70916" W

37.SVA.MV.01

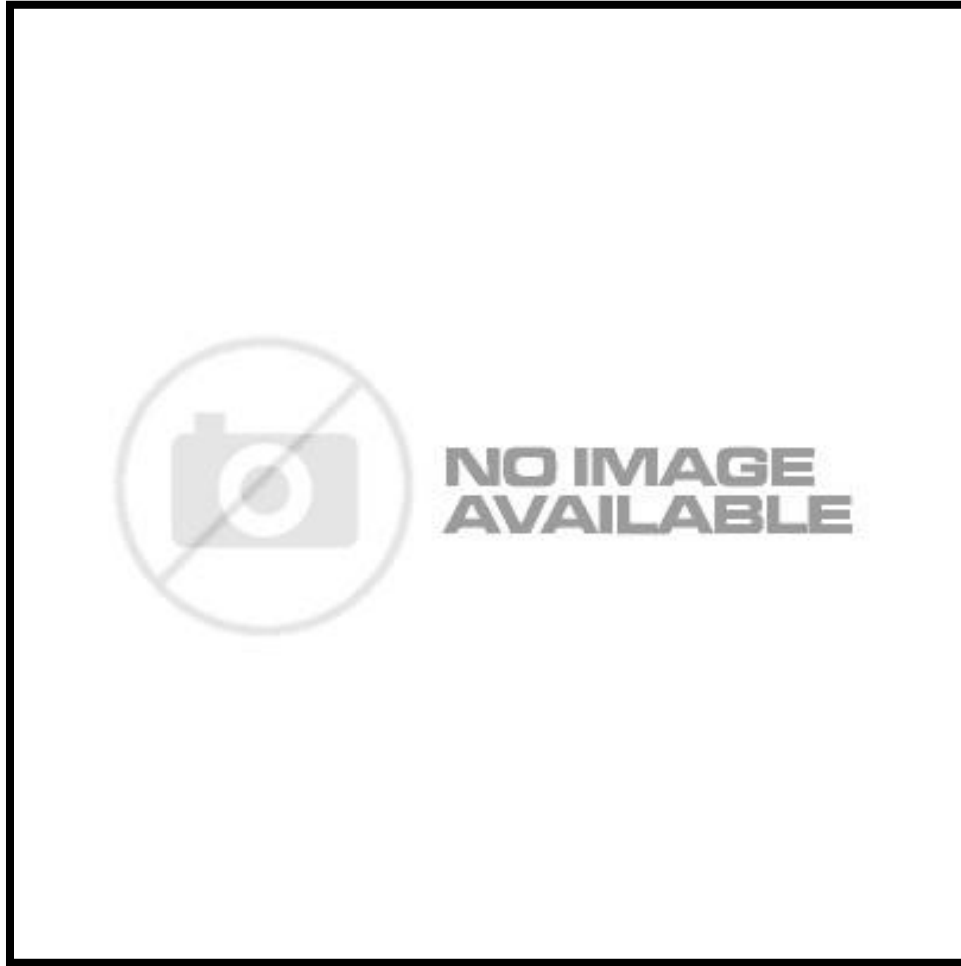


Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
37.SVA.MV.01	91947.5038	3543043.067	150.1821	177.6482

Point ID	LATITUDE	LONGITUDE
37.SVA.MV.01	31° 57' 00.23390" N	97° 18' 57.27638" W

[Back To Table of Contents](#)

39.SVA.MV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
39.SVA.MV.01	89923.8772	3510271.062	160.1532	187.6093

Point ID	LATITUDE	LONGITUDE
39.SVA.MV.01	31° 39' 16.23958" N	97° 19' 24.54550" W

[Back To Table of Contents](#)

41.SVA.MV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
41.SVA.MV.01	64629.644	3552291.077	215.3582	242.9932

Point ID	LATITUDE	LONGITUDE
41.SVA.MV.01	32° 01' 23.11686" N	97° 36' 29.65469" W

42.SVA.MV.01

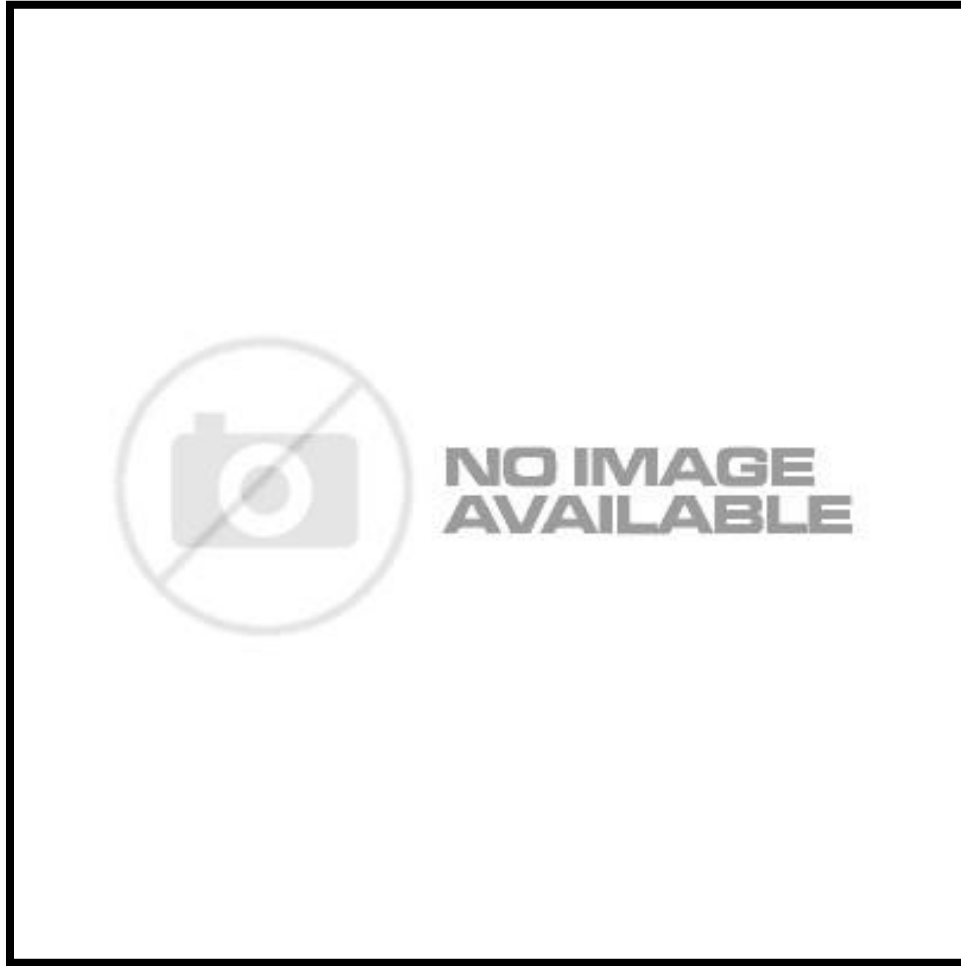


Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
42.SVA.MV.01	75239.5758	3556993.803	144.1004	171.7814

Point ID	LATITUDE	LONGITUDE
42.SVA.MV.01	32° 04' 09.88486" N	97° 29' 53.90758" W

[Back To Table of Contents](#)

44.SVA.MV.01



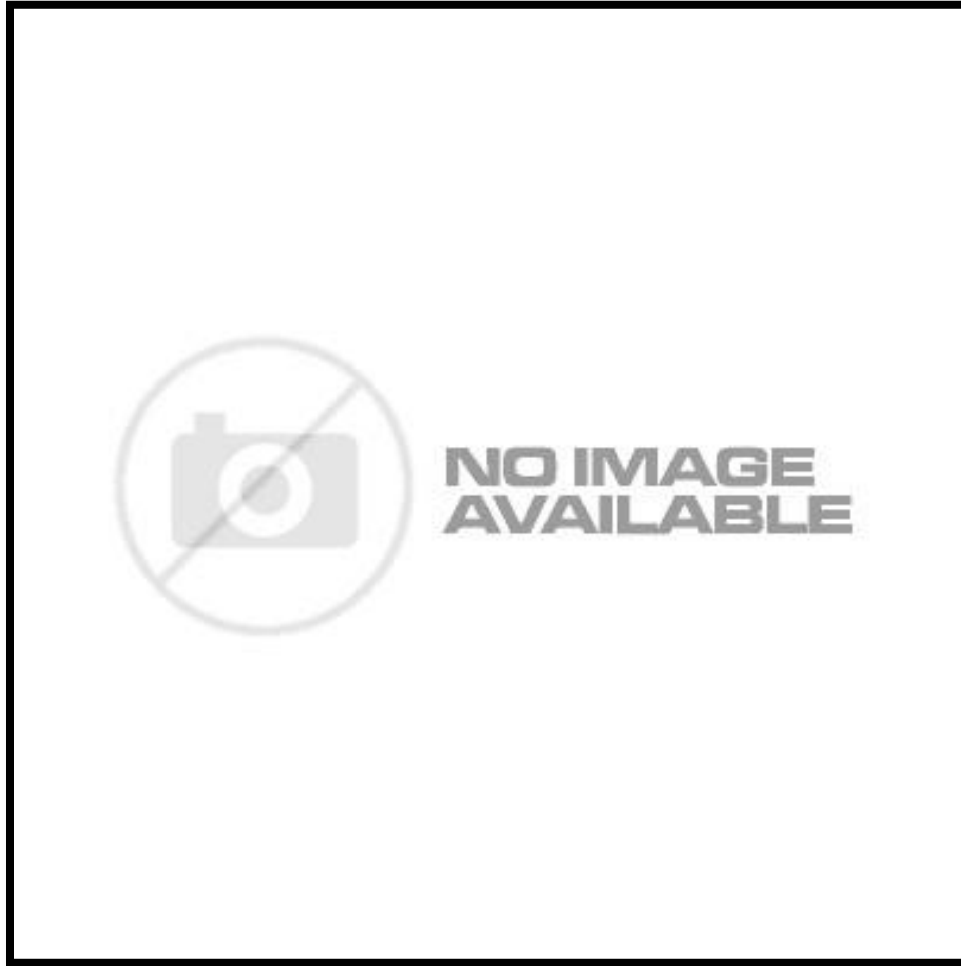
Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
44.SVA.MV.01	85419.5496	3543567.032	157.0966	184.6467

Point ID	LATITUDE	LONGITUDE
44.SVA.MV.01	31° 57' 08.69117" N	97° 23' 06.02865" W

[Back To Table of Contents](#)

Point ID	Easting(m)	Northing(m)	Ortho(m)	LAND TYPE
02.SVA.HV.01	106202.105	3511021.773	151.186	High Vegetation
03.SVA.HV.01	100011.914	3515834.618	133.986	High Vegetation
05.SVA.HV.01	111225.545	3542704.117	185.105	High Vegetation
08.SVA.HV.01	96418.224	3575853.012	256.592	High Vegetation
09.SVA.HV.01	92779.519	3592731.769	278.042	High Vegetation
10.SVA.HV.01	65980.002	3608599.378	314.909	High Vegetation
12.SVA.HV.01	53230.032	3613097.029	275.168	High Vegetation
13.SVA.HV.01	47040.239	3613513.205	242.935	High Vegetation
15.SVA.HV.01	87735.799	3600357.237	276.707	High Vegetation
16.SVA.HV.01	74316.197	3599174.834	281.253	High Vegetation
18.SVA.HV.01	25793.105	3609569.957	281.594	High Vegetation
19.SCP.HV.01	17528.758	3607869.929	344.547	High Vegetation
20.SVA.HV.01	13617.901	3595218.440	320.695	High Vegetation
21.SVA.HV.01	162.648	3591537.295	443.134	High Vegetation
24.SVA.HV.01	51575.259	3556529.060	275.041	High Vegetation
25.SVA.HV.01	85258.312	3532965.271	185.653	High Vegetation
28.SVA.HV.01	48785.801	3599534.758	226.817	High Vegetation
32.SVA.HV.01	36511.664	3594095.205	308.548	High Vegetation
34.SVA.HV.01	50312.311	3576144.653	203.534	High Vegetation
38.SVA.HV.01	100594.391	3531295.033	157.247	High Vegetation
40.SVA.HV.01	68656.413	3538850.230	267.692	High Vegetation
42.SVA.HV.01	75236.986	3556973.619	171.529	High Vegetation
43.SVA.HV.01	84982.147	3564886.034	177.771	High Vegetation
44.SVA.HV.01	85432.556	3543580.154	184.969	High Vegetation

02.SVA.HV.01

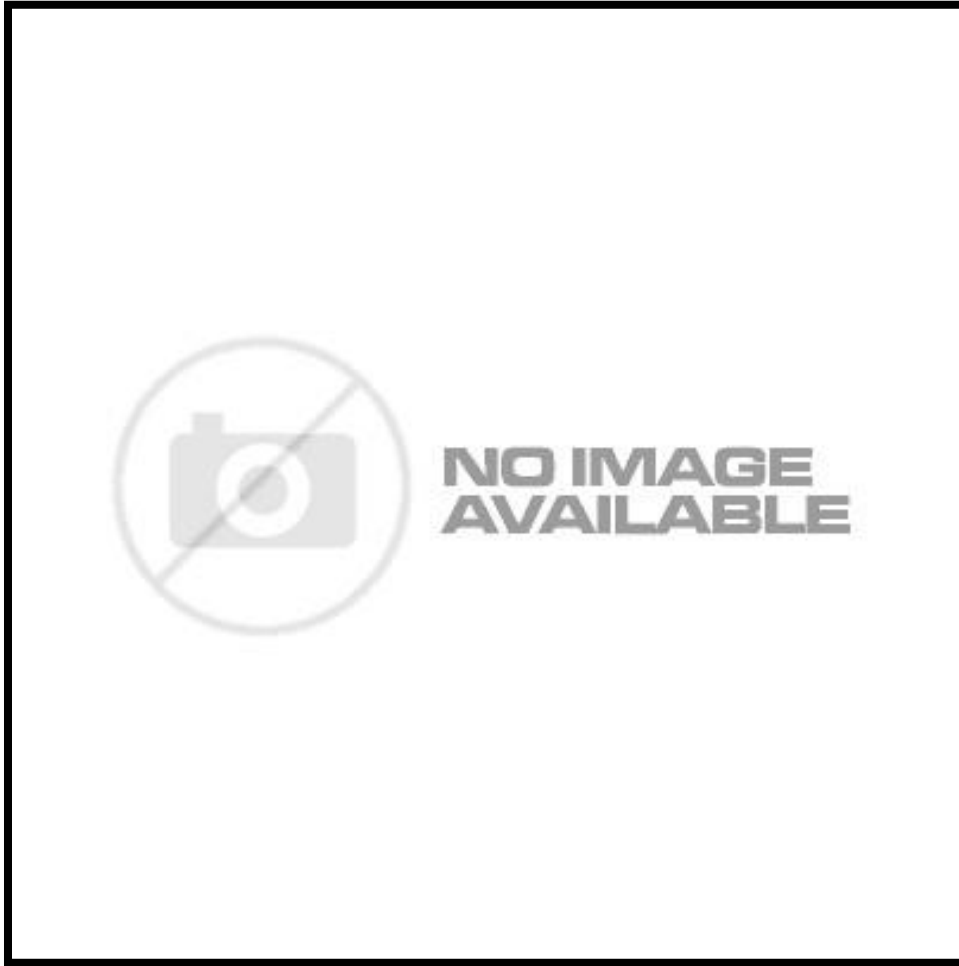


Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
02.SVA.HV.01	106202.1045	3511021.773	124.1016	151.1856

Point ID	LATITUDE	LONGITUDE
02.SVA.HV.01	31° 40' 01.06484" N	97° 09' 09.19678" W

[Back To Table of Contents](#)

03.SVA.HV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
03.SVA.HV.01	100011.9139	3515834.618	106.6963	133.9864

Point ID	LATITUDE	LONGITUDE
03.SVA.HV.01	31° 42' 29.25870" N	97° 13' 10.71162" W

[Back To Table of Contents](#)

05.SVA.HV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
05.SVA.HV.01	111225.545	3542704.117	158.0511	185.1052

Point ID	LATITUDE	LONGITUDE
05.SVA.HV.01	31° 57' 13.60435" N	97° 06' 44.40098° W

[Back To Table of Contents](#)

08.SVA.HV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
08.SVA.HV.01	96418.2238	3575853.012	229.1709	256.5919

Point ID	LATITUDE	LONGITUDE
08.SVA.HV.01	32° 14' 48.61126" N	97° 16' 57.04812" W

[Back To Table of Contents](#)

09.SVA.HV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
09.SVA.HV.01	92779.5188	3592731.769	250.5178	278.0418

Point ID	LATITUDE	LONGITUDE
09.SVA.HV.01	32° 23' 50.48480" N	97° 19' 41.73902" W

10.SVA.HV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
10.SVA.HV.01	65980.0019	3608599.378	286.8821	314.9091

Point ID	LATITUDE	LONGITUDE
10.SVA.HV.01	32° 31' 47.78494" N	97° 37' 10.66806" W

12.SVA.HV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
12.SVA.HV.01	53230.0323	3613097.029	246.8149	275.168

Point ID	LATITUDE	LONGITUDE
12.SVA.HV.01	32° 33' 55.15066" N	97° 45' 25.48100" W

[Back To Table of Contents](#)

13.SVA.HV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
13.SVA.HV.01	47040.2385	3613513.205	214.4363	242.9354

Point ID	LATITUDE	LONGITUDE
13.SVA.HV.01	32° 33' 59.58342" N	97° 49' 22.74929" W

[Back To Table of Contents](#)

15.SVA.HV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
15.SVA.HV.01	87735.7992	3600357.237	249.0658	276.7068

Point ID	LATITUDE	LONGITUDE
15.SVA.HV.01	32° 27' 50.74081" N	97° 23' 06.21587" W

16.SVA.HV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
16.SVA.HV.01	74316.1974	3599174.834	253.426	281.253

Point ID	LATITUDE	LONGITUDE
16.SVA.HV.01	32° 26' 54.28601" N	97° 31' 36.79468" W

[Back To Table of Contents](#)

18.SVA.HV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
18.SVA.HV.01	25793.1049	3609569.957	252.8942	281.5943

Point ID	LATITUDE	LONGITUDE
18.SVA.HV.01	32° 31' 20.06887" N	98° 02' 47.37012" W

19.SCP.HV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
19.SCP.HV.01	17528.7583	3607869.929	315.8363	344.5474

Point ID	LATITUDE	LONGITUDE
19.SCP.HV.01	32° 30' 12.27896" N	98° 07' 59.76646" W

20.SVA.HV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
20.SVA.HV.01	13617.9008	3595218.44	292.2958	320.6948

Point ID	LATITUDE	LONGITUDE
20.SVA.HV.01	32° 23' 16.95346" N	98° 10' 05.60560" W

21.SVA.HV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
21.SVA.HV.01	162.6484	3591537.295	414.8484	443.1344

Point ID	LATITUDE	LONGITUDE
21.SVA.HV.01	32° 20' 56.54364" N	98° 18' 31.45558" W

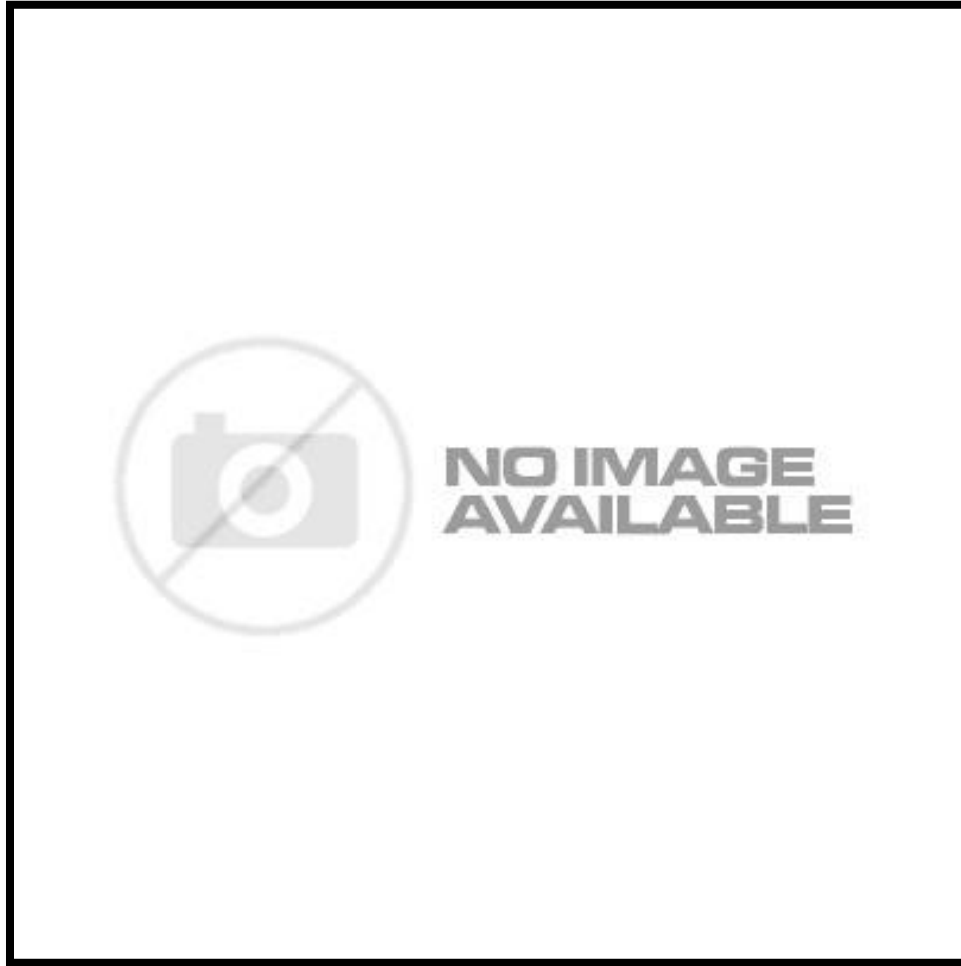
24.SVA.HV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
24.SVA.HV.01	51575.2585	3556529.06	247.4339	275.0409

Point ID	LATITUDE	LONGITUDE
24.SVA.HV.01	32° 03' 21.95459" N	97° 44' 52.74140" W

25.SVA.HV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
25.SVA.HV.01	85258.3121	3532965.271	158.1329	185.6529

Point ID	LATITUDE	LONGITUDE
25.SVA.HV.01	31° 51' 25.15563" N	97° 22' 55.84365" W

[Back To Table of Contents](#)

28.SVA.HV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
28.SVA.HV.01	48785.8014	3599534.758	198.6027	226.8167

Point ID	LATITUDE	LONGITUDE
28.SVA.HV.01	32° 26' 29.77929" N	97° 47' 51.94729" W

32.SVA.HV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
32.SVA.HV.01	36511.6641	3594095.205	280.3284	308.5484

Point ID	LATITUDE	LONGITUDE
32.SVA.HV.01	32° 23' 15.65119" N	97° 55' 30.72424" W

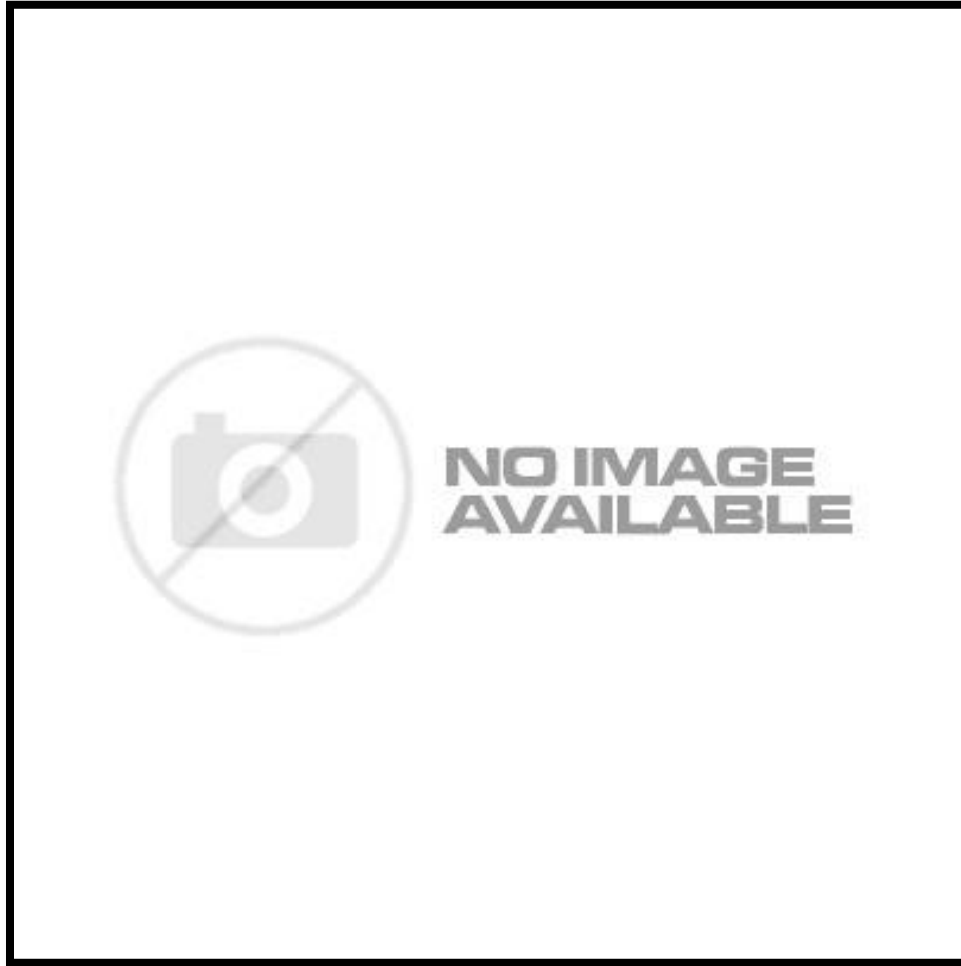
34.SVA.HV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
34.SVA.HV.01	50312.311	3576144.653	175.6457	203.5337

Point ID	LATITUDE	LONGITUDE
34.SVA.HV.01	32° 13' 55.01088" N	97° 46' 13.83979" W

38.SVA.HV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
38.SVA.HV.01	100594.3905	3531295.033	129.9345	157.2465

Point ID	LATITUDE	LONGITUDE
38.SVA.HV.01	31° 50' 50.77494" N	97° 13' 11.40385" W

40.SVA.HV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
40.SVA.HV.01	68656.4131	3538850.23	240.1384	267.6924

Point ID	LATITUDE	LONGITUDE
40.SVA.HV.01	31° 54' 13.50996" N	97° 33' 35.06968" W

42.SVA.HV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
42.SVA.HV.01	75236.9858	3556973.619	143.8478	171.5288

Point ID	LATITUDE	LONGITUDE
42.SVA.HV.01	32° 04' 09.22786" N	97° 29' 53.97401" W

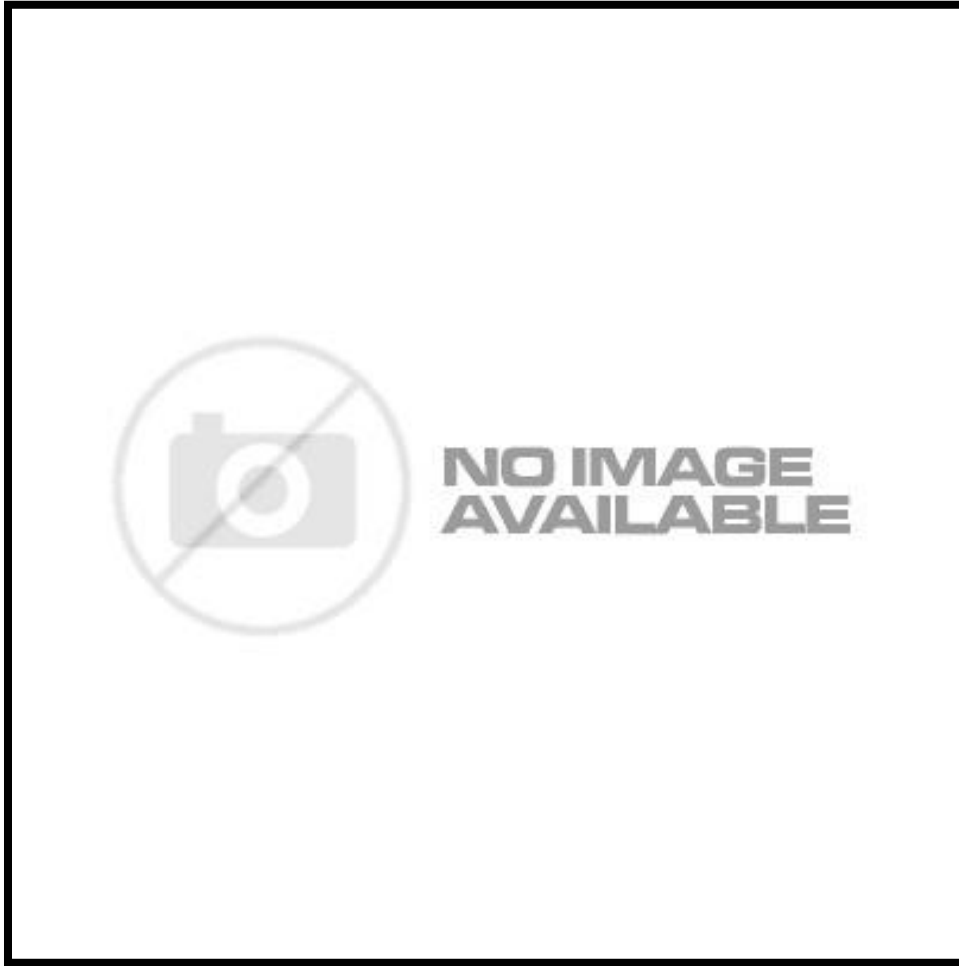
43.SVA.HV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
43.SVA.HV.01	84982.147	3564886.034	150.17	177.771

Point ID	LATITUDE	LONGITUDE
43.SVA.HV.01	32° 08' 38.47821" N	97° 23' 55.69410" W

44.SVA.HV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
44.SVA.HV.01	85432.5557	3543580.154	157.4188	184.9688

Point ID	LATITUDE	LONGITUDE
44.SVA.HV.01	31° 57' 09.13321" N	97° 23' 05.55489" W

46.SVA.HV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
46.SVA.HV.01	58534.0641	3592090.961	187.7387	215.7467

Point ID	LATITUDE	LONGITUDE
46.SVA.HV.01	32° 22' 42.89729" N	97° 41' 27.38813" W

52.SVA.HV.01



Point ID	Easting(m)	Northing(m)	Ellip.Hgt.(m)	Ortho.Hgt.(m)
52.SVA.HV.01	52097.7918	3598137.473	193.8203	221.9703

Point ID	LATITUDE	LONGITUDE
52.SVA.HV.01	32° 25' 49.36635" N	97° 45' 43.16377" W