

Setup Report

Report created: 11/27/2019 09:29:30

Project Details

General

Project Name: US20 ODOT
 Owner: -
 Lead Surveyor: Wilson, Casey
 Date Created: 11/21/2019 09:39:51
 Last Accessed: 11/27/2019 08:38:47
 Application Software: Infinity 3.2

Customer Details

Customer Name: -
 Contact Person: -
 Number: -
 Email: -
 Skype: -
 Website: -

Master Coordinate System

Coordinate System Name: OH N NAD83 12B
 Transformation Type: Classical 3D
 Residual Distribution: None
 Ellipsoid: GRS 1980
 Projection Type: Lambert two
 Geoid Model: OHGeoid12B GRS80
 CSCS Model: -

Path: C:\Users\andrew.wilson1\Documents\Leica Geosystems\Infinity\Projects\US20 ODOT\US20 ODOT.iprj
 Size: 57.3 MB
 Comments: -

Station Id: 605 - Known Backsight

Date/Time: 11/25/2019 09:58:51 Northing: 733,801.005 ftUS SD Northing: -
 Point Role: Control Easting: 1,638,186.253 ftUS SD Easting: -
 Instrument Height: 5.215 ftUS Height: 651.079 ftUS SD Height: -
 Azimuth: 241° 05' 53.13" Instrument Type: TS16 P 5" R500 Instrument SN: 3203241
 Orientation Correction: 0° 00' 00.00" Geom. PPM Max: 0.0 Atmos. PPM Max: -16.6
 Station Scale: 1.000062181218 Geom. PPM Min: 0.0 Atmos. PPM Min: -16.6

Setup Observations

Point Id	Hz raw [°]	V [°]	SD [ftUS]	Horiz. Dist. [ftUS]	Target Height [ftUS]	Target Type
606	241 05 53.13	89 41 00.58	494.358	494.381	5.000	Leica 360° Prism

Target Points

Point Id	Point Role	Northing [ftUS]	Easting [ftUS]	Height [ftUS]
606	TPS Measured Reflector	733,562.065	1,637,753.448	654.030

Fix Points

Point Id	Point Role	Northing [ftUS]	Easting [ftUS]	Height [ftUS]
606	Control	733,562.065	1,637,753.448	654.022

Target Residuals

Point Id	ΔDist. [ftUS]	ΔHeight [ftUS]
606	-0.031	0.008

Station Id: 606 - Known Backsight

Date/Time: 11/25/2019 11:03:15 Northing: 733,562.065 ftUS SD Northing: -
 Point Role: Control Easting: 1,637,753.448 ftUS SD Easting: -
 Instrument Height: 5.340 ftUS Height: 654.022 ftUS SD Height: -
 Azimuth: 61° 05' 53.13" Instrument Type: TS16 P 5" R500 Instrument SN: 3203241
 Orientation Correction: 0° 00' 00.00" Geom. PPM Max: 0.0 Atmos. PPM Max: -16.6
 Station Scale: 1.000065002041 Geom. PPM Min: 0.0 Atmos. PPM Min: -16.6

Setup Observations

Point Id	Hz raw [°]	V [°]	SD [ftUS]	Horiz. Dist. [ftUS]	Target Height [ftUS]	Target Type
605	61 05 53.13	90 22 48.10	494.360	494.381	5.000	Leica 360° Prism

Target Points

Point Id	Point Role	Northing [ftUS]	Easting [ftUS]	Height [ftUS]
605	TPS Measured Reflector	733,801.005	1,638,186.253	651.088

Fix Points

Point Id	Point Role	Northing [ftUS]	Easting [ftUS]	Height [ftUS]
605	Control	733,801.005	1,638,186.253	651.079

Target Residuals

Point Id	ΔDist. [ftUS]	ΔHeight [ftUS]
605	-0.032	0.009

Station Id: 604 - Known Backsight

Date/Time:	11/25/2019 13:59:11	Northing:	733,758.424 ftUS	SD Northing:	-
Point Role:	Control	Easting:	1,638,587.627 ftUS	SD Easting:	-
Instrument Height:	5.465 ftUS	Height:	650.704 ftUS	SD Height:	-
Azimuth:	276° 03' 20.70"	Instrument Type:	TS16 P 5" R500	Instrument SN:	3203241
Orientation Correction:	0° 00' 00.00"	Geom. PPM Max:	0.0	Atmos. PPM Max:	-16.6
Station Scale:	1.000001613096	Geom. PPM Min:	0.0	Atmos. PPM Min:	-16.6

Setup Observations

Point Id	Hz raw [°]	V [°]	SD [ftUS]	Horiz. Dist. [ftUS]	Target Height [ftUS]	Target Type
605	276 03 20.70	90 00 46.66	403.626	403.626	5.000	Leica 360° Prism

Target Points

Point Id	Point Role	Northing [ftUS]	Easting [ftUS]	Height [ftUS]
605	TPS Measured Reflector	733,801.005	1,638,186.253	651.081

Fix Points

Point Id	Point Role	Northing [ftUS]	Easting [ftUS]	Height [ftUS]
605	Control	733,801.005	1,638,186.253	651.079

Target Residuals

Point Id	ΔDist. [ftUS]	ΔHeight [ftUS]
605	-0.001	0.002