

Setup Report

Report created: 11/27/2019 09:51:41

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: 73.7 MB
 Comments: -

Station Id: 302 - Known Backsight

Date/Time: 11/26/2019 13:56:52 Northing: 734,337.547 ftUS SD Northing: 0.003 ftUS
 Point Role: Control Fixed 2D Easting: 1,639,868.975 ftUS SD Easting: 0.005 ftUS
 Instrument Height: 5.430 ftUS Height: 651.531 ftUS SD Height: 0.000 ftUS
 Azimuth: 177° 51' 03.54" Instrument Type: TS16 P 5" R500 Instrument SN: 3203241
 Orientation Correction: 359° 59' 49.75" Geom. PPM Max: 0.0 Atmos. PPM Max: -16.6
 Station Scale: 1.000006257836 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
603	177 51 13.79	90 13 48.66	380.911	380.910	5.000	Leica 360° Prism

Target Points

Point Id	Point Role	Northing [ftUS]	Easting [ftUS]	Height [ftUS]
603	TPS Measured Reflector	733,956.905	1,639,883.259	650.433

Fix Points

Point Id	Point Role	Northing [ftUS]	Easting [ftUS]	Height [ftUS]
603	Control	733,956.905	1,639,883.259	650.408

Target Residuals

Point Id	ΔDist. [ftUS]	ΔHeight [ftUS]
603	-0.002	0.025

Station Id: 602 - Known Backsight

Date/Time: 11/26/2019 15:55:39 Northing: 734,148.088 ftUS SD Northing: -
 Point Role: Control Easting: 1,639,926.545 ftUS SD Easting: -
 Instrument Height: 5.320 ftUS Height: 653.369 ftUS SD Height: -
 Azimuth: 260° 55' 35.69" 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: 1.000272357231 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
601	260 55 35.69	90 09 13.48	149.376	149.417	5.000	Leica 360° Prism

Target Points

Point Id	Point Role	Northing [ftUS]	Easting [ftUS]	Height [ftUS]
601	TPS Measured Reflector	734,124.525	1,639,778.998	653.289

Fix Points

Point Id	Point Role	Northing [ftUS]	Easting [ftUS]	Height [ftUS]
601	Control	734,124.525	1,639,778.998	653.285

Target Residuals

Point Id	Δ Dist. [ftUS]	Δ Height [ftUS]
601	-0.041	0.004