

# Setup Report

Report created: 11/26/2019 13:00:24

## Project Details

### General

Project Name: US20 ODOT  
 Owner: -  
 Lead Surveyor: Wilson, Casey  
 Date Created: 11/21/2019 09:39:51  
 Last Accessed: 11/26/2019 11:15:20  
 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: 38.7 MB  
 Comments: -

## Station Id: 601 - Known Backsight

Date/Time: 11/18/2019 16:49:06 Northing: 734,124.534 ftUS SD Northing: 0.008 ftUS  
 Point Role: Control Fixed 3D Easting: 1,639,778.993 ftUS SD Easting: 0.006 ftUS  
 Instrument Height: 5.390 ftUS Height: 653.285 ftUS SD Height: 0.003 ftUS  
 Azimuth: 80° 55' 48.35" Instrument Type: TS12 P 5" R400 Instrument SN: 876062  
 Orientation Correction: 0° 00' 14.32" Geom. PPM Max: 0.0 Atmos. PPM Max: 0.0  
 Station Scale: 1.000328287348 Geom. PPM Min: 0.0 Atmos. PPM Min: 0.0

## Setup Observations

Point Id	Hz raw [°]	V [°]	SD [ftUS]	Horiz. Dist. [ftUS]	Target Height [ftUS]	Target Type
602	80 55 34.02	90 06 54.66	149.372	149.420	5.000	Leica 360° Prism

## Target Points

Point Id	Point Role	Northing [ftUS]	Easting [ftUS]	Height [ftUS]
602	TPS Measured Reflector	734,148.088	1,639,926.545	653.376

## Fix Points

Point Id	Point Role	Northing [ftUS]	Easting [ftUS]	Height [ftUS]
602	Control Fixed 3D	734,148.088	1,639,926.545	653.369

## Target Residuals

Point Id	ΔDist. [ftUS]	ΔHeight [ftUS]
602	-0.049	0.007

## Station Id: 603 - Known Backsight

Date/Time: 11/25/2019 09:18:11 Northing: 733,956.905 ftUS SD Northing: 0.004 ftUS  
 Point Role: Control Fixed 3D Easting: 1,639,883.259 ftUS SD Easting: 0.003 ftUS  
 Instrument Height: 5.270 ftUS Height: 650.408 ftUS SD Height: 0.003 ftUS  
 Azimuth: 12° 45' 26.92" Instrument Type: TS12 P 5" R400 Instrument SN: 876062  
 Orientation Correction: 0° 00' 10.63" Geom. PPM Max: 0.0 Atmos. PPM Max: 0.0  
 Station Scale: 1.000076171204 Geom. PPM Min: 0.0 Atmos. PPM Min: 0.0

## Setup Observations

Point Id	Hz raw [°]	V [°]	SD [ftUS]	Horiz. Dist. [ftUS]	Target Height [ftUS]	Target Type
602	12 45 16.29	89 12 36.64	196.027	196.023	5.000	Leica 360° Prism

## Target Points

Point Id	Point Role	Northing [ftUS]	Easting [ftUS]	Height [ftUS]
602	TPS Measured Reflector	734,148.088	1,639,926.545	653.381

## Fix Points

Point Id	Point Role	Northing [ftUS]	Easting [ftUS]	Height [ftUS]
602	Control Fixed 3D	734,148.088	1,639,926.545	653.369

## Target Residuals

Point Id	$\Delta$ Dist. [ftUS]	$\Delta$ Height [ftUS]
602	-0.015	0.012

## Station Id: 603 - Known Backsight

Date/Time:	11/25/2019 14:04:27	Northing:	733,956.905 ftUS	SD Northing:	0.004 ftUS
Point Role:	Control Fixed 3D	Easting:	1,639,883.259 ftUS	SD Easting:	0.003 ftUS
Instrument Height:	5.270 ftUS	Height:	650.408 ftUS	SD Height:	0.003 ftUS
Azimuth:	12° 45' 26.92"	Instrument Type:	TS12 P 5" R400	Instrument SN:	876062
Orientation Correction:	0° 00' 10.63"	Geom. PPM Max:	0.0	Atmos. PPM Max:	0.0
Station Scale:	1.000104660162	Geom. PPM Min:	0.0	Atmos. PPM Min:	0.0

## Setup Observations

Point Id	Hz raw [°]	V [°]	SD [ftUS]	Horiz. Dist. [ftUS]	Target Height [ftUS]	Target Type
602	12 45 16.29	89 12 36.14	196.021	196.023	5.000	Leica 360° Prism

## Target Points

Point Id	Point Role	Northing [ftUS]	Easting [ftUS]	Height [ftUS]
602	TPS Measured Reflector	734,148.088	1,639,926.545	653.381

## Fix Points

Point Id	Point Role	Northing [ftUS]	Easting [ftUS]	Height [ftUS]
602	Control Fixed 3D	734,148.088	1,639,926.545	653.369

## Target Residuals

Point Id	$\Delta$ Dist. [ftUS]	$\Delta$ Height [ftUS]
602	-0.021	0.012

## Station Id: 603 - Known Backsight

Date/Time:	11/25/2019 14:05:07	Northing:	733,956.905 ftUS	SD Northing:	0.004 ftUS
Point Role:	Control Fixed 3D	Easting:	1,639,883.259 ftUS	SD Easting:	0.003 ftUS
Instrument Height:	5.270 ftUS	Height:	650.408 ftUS	SD Height:	0.003 ftUS
Azimuth:	12° 45' 26.92"	Instrument Type:	TS12 P 5" R400	Instrument SN:	876062
Orientation Correction:	0° 00' 10.63"	Geom. PPM Max:	0.0	Atmos. PPM Max:	0.0
Station Scale:	1.000027561157	Geom. PPM Min:	0.0	Atmos. PPM Min:	0.0

## Setup Observations

Point Id	Hz raw [°]	V [°]	SD [ftUS]	Horiz. Dist. [ftUS]	Target Height [ftUS]	Target Type
602	12 45 16.29	89 12 37.72	196.036	196.023	5.000	Leica 360° Prism

## Target Points

Point Id	Point Role	Northing [ftUS]	Easting [ftUS]	Height [ftUS]
602	TPS Measured Reflector	734,148.088	1,639,926.545	653.380

## Fix Points

Point Id	Point Role	Northing [ftUS]	Easting [ftUS]	Height [ftUS]
602	Control Fixed 3D	734,148.088	1,639,926.545	653.369

## Target Residuals

Point Id	$\Delta$ Dist. [ftUS]	$\Delta$ Height [ftUS]
602	-0.005	0.011