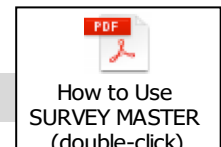


Surveyor's Report

Project: ALL-117-10.77

PID: 117792



Scope: Topographic & Boundary Survey for proposed roundabout

Type: ODOT VRS Control, Differential leveling & Conventional Survey

Gray boxes denote *INPUT*

Tan boxes denote *OUTPUT* (check)

Datum and Coordinate System

Coordinate System:	ODOT Allen County Coordinate System
Horizontal Reference Datum:	NAD83 (2011)
Ellipsoid:	GRS80
Grid to Ground Multiplier (1/CSF):	1.00000000 Factor is 8 decimal places per Survey & Mapping Specifications.
Origin of Combined Scale Factor:	False N - 100000m, False E - 50000m
Vertical Reference Datum:	NAVD88
Geoid Model:	Geoid 18
Units:	US Survey Feet (sft)
Original Survey Subdivision:	South and East
Township:	Shawnee
Quarter Section/Section/Lot:	Sections 5 and 6, T-4-S, R-6-E

Files

117792_FB001
117792_FB002
117792_BK001
117792_BK002
117792_BK003
117792_BD001
117792_BU001
117792_BR001

Description

Survey Field Book for Feasability Study
Survey Field Book for Design
CI R/W SR 117
CI R/W SR 501
CI Const SR 501
Existing Drainage 3D Model
Existing Utility 3D Model
Existing R/W and Boundary

300-Survey/Basemaps –
FB001 – Existing base submitted for Preliminary work
FB002 – Existing base for detailed design
BK001 – Centerline existing r/w State Route 117
BK002 - Centerline existing r/w State Route 501
BK003 – Centerline construction State Route 501
BD001 – Existing drainage 3d Model
BU001 – Existing utilities 3d Model

Note – Some of these basemaps should be in Engineering sub folders. Decision by Jacobs to keep basemaps provided by survey in survey folder

300-Survey/SurveyData/Notes and Sketches –
117792_Level Circuits – Project level runs for vertical control

300-Survey/SurveyData/Reports –
117792_Survey Master – Survey report with horizontal control and monumentation

300-Survey/SurveyData/Research –
Deeds, Easements, RWPlans, SurveyPlats – Folders that contain project research documents

300-Survey/SurveyData/OUPSInfo – Zip file containing OUPS information tickets and responses

400-Engineering/RW/Basemaps – Existing R/W and Boundary

References

Alignment based on the following plan: ALL-117/501-10.76/4.34 (2015)

Other references used: - *See 300-Survey/Research folders*

Equipment Maintenance

Equipment maintenance logs are on file at DGL Consulting Engineers - Maumee, Office

Methodology and Equipment Used

ODOT VRS Control, Differential leveling & Conventional Survey. Trimble GPS Recivers, Digital levels, Total Stations and Data Collectors

GPS Antenna Used

Trimble R12i

Report Submitted/Prepared by: DGL Consulting Engineers
Date Submitted: 3/13/2024
Surveying Performed by: DGL Consulting Engineers
Surveying Performed by: November & December of 2023
Checked By: DGL Consulting Engineers