

Project Highlights

- RA provided survey and data management services.

Services Provided

- Survey
- Basemapping
- Field Investigation
- Data Management
- GIS

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Centrally located in Warren County, Ohio, the city of Lebanon and the Village of South Lebanon collectively, have seen a population increase of about 70% in just two short years. With such a large population increase in a small amount of time, the existing infrastructure was not able to meet the large water demands. Greater Cincinnati Water Works has been working with Lebanon and South Lebanon to ensure increased water quality and reliability that will meet present and future water demands. GCWW plans to lay 23,000 feet of water main in and around the two communities.

As part of Phase 5, RA Consultants, LLC completed 7,000 feet of full right-of-way site survey along US 42 and Mason Morrow Millgrove Road in South Lebanon. (See Project Map above.)

The job started with RA's survey crew in the field locating utilities, existing structures and obtaining benchmarks. The RA survey team takes pride in its abilities to be thorough and meticulous with these tasks to ensure an accurate framework from which topographic and base maps are made. The job continued with RA developing a base map of the existing site in an AutoCAD format.

To complete the job, the RA survey team performed proper quality assurance/quality control (QA/QC) on all documents submitted to GCWW. This project afforded RA Consultants the opportunity to perform all preliminary engineering design steps, further developing project management and coordination skills.