

Ohio Department of Transportation
Southern Ohio Veterans Memorial Highway (SR 823)
ROW Acquisition Staking & Construction Limits Staking
Scioto County, Ohio



Project Description

The Southern Ohio Veterans Memorial Highway (Ohio State Route 823) will complete the Appalachian Highway System in Ohio. The highway will be a limited access 4 lane highway stretching 16 miles long. The proposed highway starts off US 23 north of Lucaville and reaches the construction terminus on US 52 west of Wheelersburg, near State Route 140. The highway construction will include over 20 million cubic yards of excavation, 190 foot deep excavation, 150 foot tall embankments, 22 bridges (including a span across the Little Scioto River). State Route 823 is projected to complete construction in December of 2018.

Howerton Engineering & Surveying was contracted by the Portsmouth JV to perform Right of Way & Construction Limits staking for the 16 mile long proposed highway. This included over 240 parcels of land that was acquired by The Ohio Department of Transportation. Due to environmental restrictions on the time of the year clearing and grubbing can take place, the limits had to be staked right away. Howerton Engineering & Surveying supplied three survey crews at the site in order to achieve completion of the right of way staking prior to clearing and grubbing restriction dates.

Along with right of way staking, Howerton Engineering & Surveying performed staking for drainage aspects of the proposed highway system. The 16 miles of highway included the design of drainage wicks to remove ground water from areas of bridges, on/off ramps and rail crossings. The project included over 30,000 drainage wicks.

Client/Location

Portsmouth JV
4301-C Lucasville-Minford
Road
Minford, OH 45653

Client Reference

Cliff Robertson
Beaver Excavating
Surveyor
330-265-5462
Cliff.robertson@beaverexcavati
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Project Status

On-Going

Dates of Service

2016

Special Features

- GPS Survey
- Total Station Surveying
- RTK Surveying
- ROW Acquisition
- Construction Limit Staking
- ROW Staking

