US-119 CoLine-Crossover Road
Mt. Pleasant, PA

The roughly 5-mile long, two-lane divided highway project included more than 190,000 SY of 12 inch jointed concrete pavement; almost 3.4 miles of upgraded drainage and stormwater retention systems, median upgrades with concrete barrier separation; paving inside shoulders; and mine stabilization.

Some major project highlights include: cement soil stabilization, a roller compacted concrete truck-inspection area, recycled concrete for site stabilization and toe bench rock, concrete mixes to prevent ASR, long-life concrete (optimized gradation, lower cementitious content and lower water/cementitious ratio, more durable dowels), roughly 14,500 lineal feet of concrete glare screen barrier, and mine shaft repair with concrete support columns. The project also included lime soil stabilization, an onsite concrete batch plant and a DBI concrete paver along with other emerging technologies.

This project also had several sustainability factors, including:

- Recycled and reused materials throughout the project. This included more than 25,000 CY of concrete pavement, 4,500 linear ft of concrete median barrier, and limestone aggregate.
- Use of a central mix batch plant to produce 64,000 CY of concrete, cement-treated permeable base course, and roller compacted concrete.

Despite the complexity of the project, as well as unforeseen delays, Golden Triangle completed the work in just 20 working months. The hard work and dedication by more than 130 employees showcased a beautiful concrete highway which provides the owner, taxpayers and motorists a superior and durable project.