

CECO Summary:

This project is an excellent example of how innovative engineering can improve the lives of the people on the Commonwealth. CECO and the contractor for the project, Kriger Construction, developed an approach that cut a 6-month motorist inconvenience to less than a 5-day completed roadway. By reengineering the conceptual plans for the construction of a box culvert and roadway paving on SR 2035 on Suscon Road in Luzerne County to use accelerated construction and employing precast culvert sections, CECO saved PennDOT money and significant time.

The accelerated approach negated the need to shore the roadway while closing half the width of the road for months in order to pour concrete, repave half the road and switch traffic to the other lane while the same process occurred again.

Precast installation that was fabricated entirely off site, a road detour and 24-hour work days enabled motorists to have full access to a completed roadway in less than 5 days.