



General Project Description:

Ravi Engineering & Land Surveying, P.C. provided CI and Survey Stakeout services as prime for a \$1.3 M emergency repair contract to a breach in the Erie Canal embankment in Albion, Orleans County. This breach occurred during repair work on one of the culverts and involved the emergency draining of 20 miles of the Canal System.

The Canal Corporation immediately mobilized emergency contractor, C.P. Ward, Inc. of Scottsville, Monroe County, to make repairs to the site. During excavation at the site, several fractures were found in a culvert pipe and an associated concrete core wall, located nine feet below the Canal bottom. In addition to replacement of much of the culvert pipe, crews installed steel sheet piling and replaced a waterline, guiderail, the complete roadway section and reconstructed the Canal embankment.

RE&LS provided survey stakeout services on this project. Our scope of work included setting grades and stakes for the contractor to repair the culvert pipe and shore up the canal walls. We also provided as-built survey services.

