



BERNER CONSTRUCTION, INCORPORATED PROJECT SUMMARY

Project Title: Installation of RPMs at Bar Harbor Ferry Terminal

Location: Bar Harbor, Maine

Scope: Installation of radiation portal monitor (RPM) systems and ancillary equipment at the Bar Harbor Ferry Terminal

Berner Construction, Inc. was contracted by Pacific Northwest National Laboratory (PNNL), which is operated by Battelle Memorial Institute for the Department of Energy, to complete the installation of RPMs for the CAT ferry terminal in Bar Harbor, Maine. At the completion of the project, PNNL, transferred the ownership of installed systems to the U.S. Government under the U.S. Customs and Border Protection (CBP) under the Department of Homeland Security.



The project scope was to install RPM pairs and ancillary equipment to monitor four inbound lanes of traffic including three (3) privately operated vehicle (POV) lanes and one bus/POV lane.

Prior to intrusive activities, a third party utility locating service was utilized to mark-out underground utilities inside the work area.

The work scope included the electrical installation of electrical conduit and wiring for operation of the monitors. The power and signal cables and wires were installed from the RPMs to the CBP office in the main terminal building. The majority of the electrical wiring was placed in conduits installed below grade in trenches that were backfilled with dyed controlled density fill. The project required some conduit to be installed above grade along the existing inspection canopy.

Concrete foundations were constructed for the RPMs, bollards, and sign posts. Berner installed the government-furnished equipment including RPMs, annunciators, control boxes and supervisory computer. The project was then completed with the asphalt pavement restoration and markings.

The work activities were coordinated with both the CAT ferry operator and CBP personnel. The work was scheduled to accommodate the CAT ferry arrival schedule from Yarmouth, Nova Scotia.



Work was completed in one month without interruption to the ferry operations.