



BERNIER CONSTRUCTION, INCORPORATED PROJECT SUMMARY

Project Title: Installation of RPMs at Eastport Ferry Landing

Location: Eastport, Maine

Scope: Installation of radiation portal monitor (RPM) systems and ancillary equipment at the Eastport Ferry Landing

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 ferry landing in Eastport, 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 an RPM pair, a CBP booth, and ancillary equipment to monitor a single inbound traffic lane. The ferry landing is located on property operated by a local popular restaurant, The Chowder House. During the summer months, the ferry operates continuously from Eastport, ME to Deer Island, Canada. Access to the ferry was required continuously during the construction effort.

The work scope included construction of concrete foundations for the monitor pair and for a CBP booth to be installed on the site. A third party utility locating service was utilized to identify and mark-out underground utilities inside the work area. Electrical conduit, wiring, meter base and control boxes were installed to support the monitors and the CBP booth.

The initial CBP booth foundation design did not account for the natural slope across the project site at the ferry landing. The booth foundation was field-modified to include stairs, additional concrete reinforcing, and bollards. The conduit and wiring were installed from the RPMs to the CBP booth below grade in trenches that were backfilled with dyed controlled density fill.



Berner installed the government-furnished equipment including RPMs, CBP booth, annunciators, and control boxes. The CBP booth was placed on the foundation, anchored, inspected, and the inside of the booth assembled. The project was then completed with the asphalt pavement restoration and markings.

Work was completed in six weeks without interruption to the restaurant or ferry operations.