

MAINE POWER RELIABILITY PROGRAM (MPRP)



PROJECT TYPE

Transmission

SCOPE

200 miles of 34.5kV, 115kV, and 345kV

LOCATION

Lewiston, ME

CLIENT

Central Maine Power

START DATE

December 2010

COMPLETION DATE

May 2015

Irby Construction was awarded the contract for the Central Loop of Maine Power Reliability Program (MPRP) for Central Maine Power Company in December 2010. The MPRP Central Loop consisted of 230 miles of installation, modification and/or removal of 345kV and 115kV electric transmission lines. With work in 13 of Maine's 16 counties, the MPRP is the largest construction project in the state's history.

This project consisted of twenty separate sections and segments with separate Milestone Completion Dates for each section/segment. Irby Construction successfully met all milestone completion dates, as well as all outage dates. The project included the removal of lattice towers and construction of new lattice towers on several major river crossings. Approximately 30,000 timber mats were used to build roads on the ROW to safeguard the Maine environment.

Construction was completed on schedule with the contractual completion date in May 2015. Burns and McDonnell served as the program manager for this project, and engineering on the project was provided by owner. This project could not have been such a success without the help of its subcontractors. Irby Construction subcontracted the scope to a Joint Venture between Irby and Cianbro Corporation, a Maine company. Other various subcontractors such as Winco and Crux Subsurface, Inc., Quanta Services companies, assisted the JV with foundation installation (micro pile foundations) and helicopter support. Other subcontractor support included fiber splicing and testing, blasting, concrete pier foundation, lead abatement, etc.

