

Elmira Correctional Facility
Upgrade Electrical Distribution System, Cell blocks
Elmira, New York

Owner: NYS Department of Correctional Services

Total Construction Cost: \$1,258,000.00

This project consisted of a major renovation of the electrical power and lighting distribution systems for 5 large buildings at this Facility. Surveys were made at the Facility to determine existing conditions. The design included a high voltage primary distribution system with underground conduit, feeders, pad-mounted transformers and protective circuit breakers, including selective switching equipment.

At the interior of the 5 buildings, the branch circuit wiring for power and lighting was upgraded. New interior feeders and panelboards were designed and a specialized circuiting was provided for light and power within the cells.

New lighting fixtures were provided, including new branch circuit conduit and wiring. The exit lighting systems were upgraded, and energy monitoring hardware for the main electric service was specified. Project was completed from inception stages with our involvement, including construction administration services, development of punch lists and follow-up to construction completion.



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