

George B. Stevenson Dam Project

INDUSTRY: **Hydro**

APPLICATION: **Gate Handling**

PRODUCT: **170 Ton Gate Hoists and 100 Ton Top Running Double Girder Crane**

SERVICES: **Design, Installation**

THE CHALLENGE

During times of inclement weather, access to the George B. Stevenson Dam to operate equipment is difficult. The river water levels must be maintained to prevent environmental issues, thereby ensuring public safety.

THE SOLUTION

American Crane designed and installed two 170 Ton Gate Hoists and refurbished a 100 Ton Top Running Double Girder Crane to assist with the precise positioning of the flood control gate. The control was accomplished using variable frequency drives coupled to encoders, allowing the exact position of the gates to be programmed.

THE RESULT

This new and upgraded equipment made it possible for personnel at the George B. Stevenson Dam Gate Hoists to operate the gate hoists from remote locations. The upgrades helped to control the flow of water, meeting the environmental needs of the area. The refurbished 100 ton crane was fitted with a new hoist and trolley.

