

could be built between the river and St. Anne's. It looked as though St. Anne's would be sacrificed to protect the city until Stanley Consultants designed a floodwall, disguised as an 8-foot-wide porch, immediately adjacent to St. Anne's.

Innovation and Exceeding Client Needs

"Grand Forks and the USACE had considered many possible alternatives to saving St. Anne's, but hadn't come up with anything quite as clever as Stanley Consultants' solution. I don't know of anything ever being done before like this."

Bonnie Greenleaf, USACE Project Manager

Engineering Value and Public Perception

Creative thinking inspired an idea that preserved a local landmark.

Social, Economic, and Sustainable Design Considerations

The floodwall saved St. Anne's from demolition; allowed St. Anne's senior citizen residents to keep their homes; protects the city from flooding, and was less expensive than demolition.

Complexity

Historic commission criteria stipulated the floodwall could not touch St. Anne's so the "porch" was designed just inches from the building.

The original steps and intricate ceramic tile was saved and meticulously re-integrated into the new steps and landings.