

YORKSHIRE No. 28

Over

Creek Road over Elton Creek

Cattaraugus County, New York



Bryant's involvement on this project included field survey and mapping, preliminary and final design of a jointless pre-stressed concrete box beam superstructure (77 ft c/c bearings) supported by reinforced concrete conventional abutments on steel bearing piles. Also included were approach roadway improvements, right-of-way survey and mapping, and scour countermeasures. Bryant also provided construction administration and construction inspection.

BEFORE

AFTER



Owner/Client

CATTARAUGUS COUNTY
DEPARTMENT OF
PUBLIC WORKS



Construction Cost

\$415,000

Scope

Structural Engineering

- Preliminary & Final Bridge Design
- Foundation Analysis

Civil Engineering

- Roadway Reconstruction & Rehabilitation Design
- Stream Bank Stabilization
- MP&T, On-site Detours & Staging

Surveying

- Topographic Survey with 50 foot Cross Sections

Construction Management

- Contract Bid Documents & Bid QA/QC
- Construction Inspection – Resident Engineer Services