

# Replacement of Pony Farm Road Bridge Over the Canadian Pacific Railway

*Town of Oneonta, Otsego County, New York*



Demolition of the existing bridge.



Placing the pre-cast concrete arches



Work progressing along an active railway line



Prior to construction



Construction was phased to ensure the railway could still operate

## Replacement of Pony Farm Road Bridge over the Canadian Pacific Railway

*Oneonta, Otsego County, New York*

Spectra provided preliminary and final design services for the replacement of Pony Farm Road Bridge over the Canadian Pacific Railway in Oneonta, New York

The existing three-span structure was a concrete and steel thru girder bridge, approximately 120 feet long, built in 1933. The structure was in serious disrepair and was closed to traffic.

Spectra designed a new bridge structure consisting of a single con-span precast concrete arch bridge, concrete precast and cast-in-place retaining walls, all of which were designed to provide the required clearance for current and future rail traffic. Spectra completed highway design including improvements to the vertical and horizontal alignments within the constraints of the existing infrastructure.

A topographic survey and foundation analysis were all performed. Spectra provided coordination with the railroad for all their present and future needs. Specifications and a cost estimate were provided. Spectra was responsible for construction administration and inspection services.

**Owner**  
Town of Oneonta

**Engineer**  
Spectra Engineering, Architecture & Surveying, P.C.

**Contractor**  
Jablonski Excavating

**Construction Cost**  
\$1,035,092

**Completion Date**  
November 2011

**Span Length**  
42 feet

**Structure Type**  
Pre-cast concrete arch bridge with cast-in-place retaining walls

# REPLACEMENT OF PONY FARM ROAD BRIDGE OVER THE CANADIAN PACIFIC RAILROAD

TOWN OF ONEONTA, OTSEGO COUNTY, NEW YORK

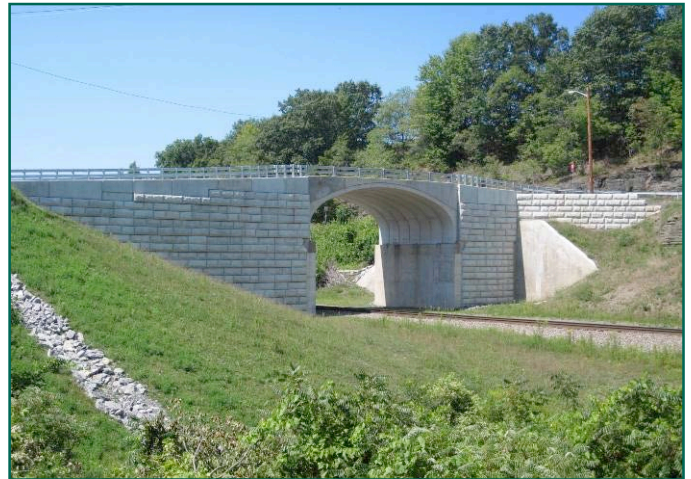
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## CLIENT NAME

Town of Oneonta

## CLIENT CONTACT

Robert Wood  
Supervisor  
Town of Oneonta  
PO Box A  
West Oneonta, NY 13861  
(607) 432-2900  
oneontasupervisor@stny.rr.com

## SERVICES PROVIDED

Design Surveying & Mapping  
Structural Engineering  
Soil and Geologic Studies  
Retaining Walls over 10m high  
Construction Administration  
Construction Inspection

## CONSTRUCTION COST

\$1,035,092

## COMPLETION DATE

November 2011

## PROJECT NUMBER

E0108160

## PROJECT SIZE

120 foot long existing bridge  
New 42 foot span

## TEAM

Spectra Engineering, P.C.  
*Prime*  
Jablonski Excavating  
*Contractor*

## STAFF

John Seligman, PE  
*Project Manager*  
Jason Sableski, PE  
*Design Engineer*  
Daniel Horvath, IE  
*Civil Engineer*  
Ian Rourke, EIT  
*Civil Engineer*  
Charles Demorest  
*Construction Inspector*