

## RECONSTRUCTION OF NY ROUTE 17

TVGA was retained to perform construction monitoring and inspection for new construction of two expressway lanes approximately 12.6 lane miles in length.

The project involved 10 feet of unreinforced concrete pavement, four inches of cement-treated permeable base course, 12 inches of subbase course, 1.65 million cubic yards of excavation and embankment traversing wetland areas, and 40,000 cubic yards of concrete pavement and shoulders. Construction was undertaken that involved three composite I-beam structures, two concrete I-beam structures and a precast arch culvert. Transverse joints were set at 16-foot intervals. Other work items involved 180,000 LF of joint sawing and sealing, 75,000 LF of edge drain, maintenance and protection of traffic, signage, striping, fencing, landscaping, 10,500 LF of box beam guide rail and asphalt concrete.

### PROJECT HIGHLIGHTS:

**Client:**

New York State Department  
of Transportation

**Contact:**

Mr. Rex Grathwol, PE  
(518) 457-2600

**Location:**

Cattaraugus County, NY  
NYSDOT Region 5

**Highway Cost:**

\$14 Million

**Bridge Cost:**

\$1.6 Million

### KEY PROJECT COMPONENTS:

- Complicated M&PT Staging
- 50,000 Metric Tons of ACC Pavement
- Rehabilitation/Replacement of Viaducts, Major Interchange or Truss
- 1 km of Highway/Interchange Lighting
- 50 Permanent Signs
- 2 km of New Closed Drainage Systems