



Erdman Anthony:

Construction Support and **Erection** Engineering Services.

A resource
for New York State **contractors**.

ERDMAN
ANTHONY 



Erdman Anthony:

Expediting **demolition/erection** plan submittal.

Erdman Anthony has a half-century of experience engineering bridges and working closely with NYSDOT, counties, and municipalities who approve demolition and erection plans.



We can offer you:

- The relationships and mastery of the processes to **obtain approvals smoothly and rapidly.**
- **Versatility:** our dedicated team of New York PEs specialize in a variety of construction-support engineering services.
- **Advanced knowledge of expectations** and preferred means and methods to help execute your project on time and on budget

A Proven Resource.

At Erdman Anthony, we maintain a **full staff of New York State PEs** with extensive experience in planning and design for erection engineering. Over the decades, we've built a solid reputation for performance and reliability.

Major Projects, Major Successes

Erdman Anthony has demonstrated its expertise in demolition plan preparation and erection engineering on projects throughout New York State.

Here are some memorable examples of Erdman Anthony success stories:

Route 31 over Canandaigua Outlet, Lyons, N.Y.

Erdman Anthony was retained by Ramsey Constructors to develop a scheme to meet the strict 1/8" vertical flange tip tolerances demanded by NYSDOT's state-of-the-art design for this bridge replacement. Erdman Anthony designed an innovative jacking system that allowed the contractor to meet this requirement. The complex project was deemed an overwhelming success.





***U.S. Route 219 Arch Bridges over
Cattaraugus Creek, Springville, N.Y.***

We were retained by Cornell and Company on this \$85 million project to prepare erection plans for approval by NYSDOT. As part of the process, we collaborated with staff engineers at Cornell to design an innovative tie-back system which utilized two of the new pier bents for arch-rib erection.

“Erdman Anthony is a great firm to work with. Their people are very knowledgeable and they provide a quality product. I enjoyed working with them very much.”

*Kevin Seely
Hohl Industrial Services, Inc.*

***Route 240 over W. Branch Cazenovia
Creek, Aurora, N.Y.***

For Hohl Industrial, Erdman Anthony prepared an engineered erection procedure for NYSDOT. Our procedure included overall girder stability during all phases of lifting and erection, designing rigging details, coordinating multiple crane positions and girder delivery locations, and verifying the stability of the substructures when loaded by large outrigger reactions.



**See the back page for all the
Contractor Support Services Erdman Anthony provides.**

For more details on these successes, or to discuss your next project, contact **Sam Anthony, PE**, at (585) 427-8888, ext. 1081. Or, visit us online at www.erdmananthony.com/demolitionerection/.

Contractor

Support Services

Bridge Erection & Demolition

- Crane Layout and Coordination
- Specialty Rigging and Lifting

Temporary Support

- Bracing and Shoring
- Sheet Piling
- Soldier Piles and Lagging
- Braced and Cellular Cofferdams
- Tie-backs
- Crib Walls
- Soil Nailing
- Geosynthetic Reinforced Walls
- Construction Shielding
- Scaffolding/Work Platforms

Structural Evaluation

- Structural Analysis and Load Rating
- Load Testing/Nondestructive Testing
- Temporary Structures
- Fall Arrest Static Lines

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Engineering

Excellence.

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145 Culver Road, Suite 200
Rochester, NY 14620

(585) 427-8888

