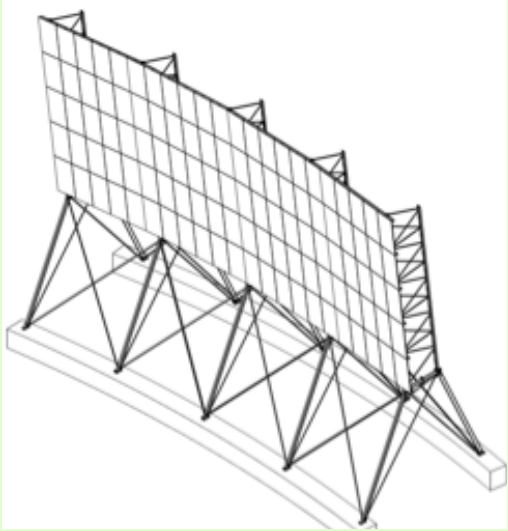




## eSolve Solutions, Inc. “Our Network is Your Solution”

*eSolve Solutions delivers a project management solution that compresses schedule time while adding quality to the deliverable.*



**Background:** The Jericho Drive-In is a long-standing drive-in theater located in Glenmont, New York that boasts one of the largest and most unique screens in the area. The original structure stood 65 feet tall and spanned 90 feet. Eight timber trusses supported the screen that used both orientation and shape to optimize the clarity of picture for the audience. The screen had undergone numerous repairs over the last few years and with the harsh winter this past year (2007) had finally succumbed to the elements. By early spring wind storms had damaged over a quarter of the structure.

**Challenge:** The damage to the screen had occurred late winter / early spring and the owner required a Memorial Day opening. Further, the owner did not want the common flat metal screen typically found in today's drive-in theaters. The owner contracted with Rexford Engineering (RE) on 3/15/08 to design and create construction drawings and documents for a custom 40' X 90' screen with features similar to the existing screen. In order to accommodate the procurement and construction of the metal and wood structure by the deadline, the design drawings needed to be completed and a builder lined up within a month. RE needed to extend its resources for this project and chose the expertise and flexibility of eSolve Solutions Inc. for the effort.

**Solution:** eSolve teamed with RE in the design and drawing development for this project. While RE optimized the design features using finite element analysis, eSolve managed the project schedule, performed structural analyses, evaluated code compliance, pulled in drafting and 3D modeling resources and parametrically addressed design changes in real time, and produced construction specifications and a bill of materials to facilitate the bidding process. Much of the project management was done using eSolve's virtual office and remote capabilities allowing work to be conducted “anywhere / anytime”.

**Result:** The use of the virtual office and the “anywhere / anytime” model compressed the design cycle and allowed RE to meet its commitment to the customer. The result was a high quality product delivered on time and to original design specifications. The client was extremely pleased with the level of detail and responsiveness eSolve delivered.

"Teaming with eSolve enabled me to deliver a high quality fully engineered product within the tight timeframe. The customer and I were both impressed by the 3D modeling that allowed great visualization of a complex structure."

- John Klekovic, President and Owner, Rexford Engineering