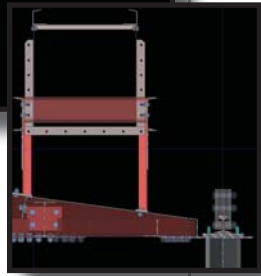
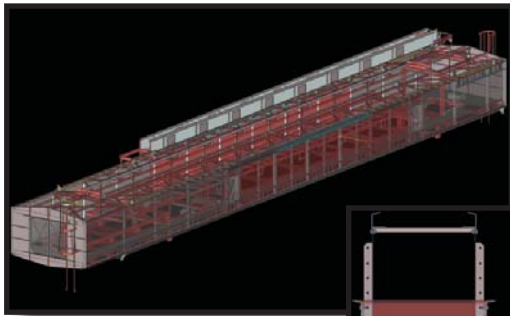




ISD Project Receives Award



Innovative Steel Detailing, Inc. (ISD) opened for business in August, 1987 with the vision to be an industry leader. Today, that vision is as clear as ever with projects in the United States, Canada, South America, Central America, Norway, the Bahamas, Egypt, Indonesia and more worldwide locations. They currently have wholly-owned offices in Baton Rouge, Louisiana and San Antonio, Texas. The company also has strategic partnerships with other detailing offices in the United States.

Since opening almost 20 years ago, SDS/2 has been their primary detailing software. "In the early days, we had to write programs to draw members that were not supported by SDS/2, but we always believed in the power of computers and the potential growth of SDS/2's abilities," says Lloyd Jones, President of the company.

One thing that has solidified Innovative Steel Detailing, Inc. as a quality detailing firm is their aggressive adoption of new features, such as parametric capabilities. Almost all miscellaneous steel (handrail, stair rail, ladders, etc.) is modeled using parametrics that were modified or written in-house. ISD uses SDS/2's web review capabilities, which allow people to log into their server to view the VRML model.

In 2005, a project they detailed was given the "ABC 2005 Excellence in Construction Award, Pelican Chapter." It was a Bauxite (aluminum ore) conveyor in Jamaica that crossed one of the busiest roads in the area.

Patrick Chesney, ISD's Vice President and Lead Detailer on the project said, "What made this project unusual was that it was designed in 1965, and had been field modified to the point that it collapsed into a barge and blocked a major road along the port. Many of the original shapes are no longer available, and the steel grades have changed as well."

It took a lot of coordination between the engineer in New Jersey, the fabricator in Louisiana, the crew in Jamaica, and ISD to create a new conveyor system based on the old design.

Many new features were added to the conveyor, such as increased bracing, better manhole access and the ability to extend the conveyor an additional 12 feet.

Having the ability to model the project in three dimensions helped catch little problems before they became big problems in the shop or in the field. Since the structure was essentially fabricated as one complete unit and put on a barge to Jamaica, everything had to fit perfectly in the shop, and had to fit into the existing 40-year-old structure. The steel was needed on site in a matter of days, not weeks!

Ultimately, the project was built under the direction of Pat Soniat of Shaw/SS&S Fabricators in Addis, Louisiana.

The customer obtained a high quality product that should outlast the original conveyor. None of this would have been possible without everyone working together to make the best possible product in the shortest amount of time using SDS/2.

SDS/2 is a significant component to many projects across the globe every day. The three dimensional modeling and automatic connection design are very powerful benefits that SDS/2 provides. To learn more about SDS/2 and its customers please visit sds2.com.

-Joanne Morgan



**INNOVATIVE
STEEL DETAILING**



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