

The Creators

IPRO 307 consists of a diverse group, ranging in the stage of their education and major. We have Architects, Civil and Architectural Engineers, and Mechanical Engineers.

We used our various backgrounds and areas of knowledge to make a singular idea that we hope will be the future in intermodal facilities.



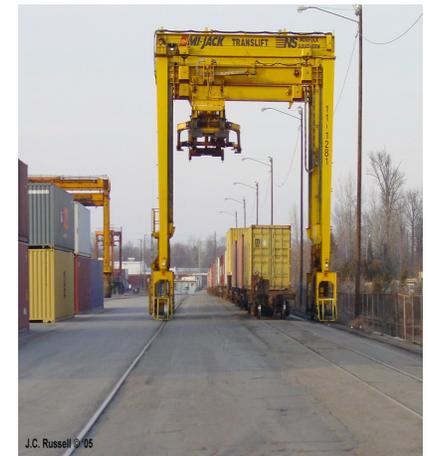
Mi-Jack's MJ900P Translift© intermodal crane.

Future Avenues

Sponsored By Mi-Jack

IPRO 307: INTERMODAL CONTAINER FACILITY INNOVATIONS FOR THE CHICAGO AREA

Spring 2011



J.C. Russell © '05

**IPRO 307:
INTERMODAL
CONTAINER FACILITY
INNOVATIONS FOR
THE CHICAGO AREA**

**Fututre Avenues: A
Community for
Work and Play**

MI-JACK
PRODUCTS

A Community for Work and Play

The Site

3500 acres outside of Kankakee, IL will be the future site of Future Avenues, “a community for work and play.”

It will feature an intermodal yard servicing two major rail lines. Mi-Jack’s ATMS crane system will be the feature in the yard, maximizing efficiency in transferring cargo from truck to train and train to truck, with the warehousing conveniently close.



Housing will be onsite for the workers’ convenience as well as commercial retail spaces and a fitness center.

An all-weather pathway will be accessible from all of the onsite housing, allowing workers to commute from home to work without driving in the Illinois cold, also allowing visitors to utilize this wonderful opportunity.

The Yard

The intermodal yard will consist of the railways, the ATMS cranes, and 20, one million square foot warehouses, creating about 12000 jobs.

The Housing

90 acres will be devoted to the housing of 1200 workers and their families. The apartment style housing will consist of 24 five story buildings. Each apartment will have a balcony, dining area, kitchen, and one, two, and three bedrooms.

Pathway to the Future

This pathway will be open to walkers, runners, and bicyclists and will be covered and enclosed to provide protection from the weather.

The pathway will be open to visitors and will start in the visitor parking lot, connect the apartments, the fitness center, the retail park, the outdoor sports park, and the intermodal yard. This will allow workers to walk, or bike, to work in a safe and comfortable environment eliminating the need to deal with traffic and

inclement weather on their daily commute. This will save workers money in fuel costs as well as giving the community an element of sustainability. It allows for the removal of automobiles in the daily lives of over 1200 families, which will remove the need for that much gasoline. It will pave the way for sustainable communities to further develop.



A section of the Pathway to the Future

Visitors will experience a place for recreation and exercise that is not restricted by the weather. Furthermore, lighting will provide a safe place to take an evening stroll for the nights when you

Bike.

Shop.

Live.

All year ‘round.