

KEY PROJECT

Cross State Towing Jacksonville, FL



Cross State Towing new site (Irving Road, Jacksonville, FL)



Cross State Towing (Arlington Road, Jacksonville, FL)

DESCRIPTION : CIVIL ENGINEER

DB Civil Works was the civil engineer for the Cross State Towing proposed facility located on Irving Road in Jacksonville, FL.

Cross State Towing is a marine towing and transport company. Owning several large barges and large tug boats has necessitated the need for a larger service and repair facility. Currently located off of Arlington Road the present facility is inadequate to service Cross State Towing's' growing fleet. The company recently acquired property along the St. Johns River near Blount Island with the desire to construct a new facility capable of dry docking multiple vessels and/or larger barges and tug boats. This project required upland improvements to support the proposed maritime activities as well as improvements to the shoreline. Improvements consisting of a new bulk head, new piers, 4 rail marine railway for dry-docking, and upland improvements for access, office space, and stormwater management were all included in the design and permitting process. Additionally a submerged land lease was required for all planned activities over state owned submerged lands.

OUR DUTIES INCLUDED:

- Site planning and layout of the project site including Bulkheads, Piers, and Marine Rails.
- Design for a stormwater management system serving the project site and Piers.
- Utility design including the design of and onsite septic system.
- Permitting through SJRWMD, FDEP, ACOE, and the City of Jacksonville including the Submerged Land Lease.
- Permitting also included coordination with National Marine Fisheries, Florida Fish and Wildlife Commission and other state and federal agencies as required by FDEP and ACOE permitting.
- Rezoning to PUD to comply with the residential land use districting