



Agricultural Maritime Export Facility



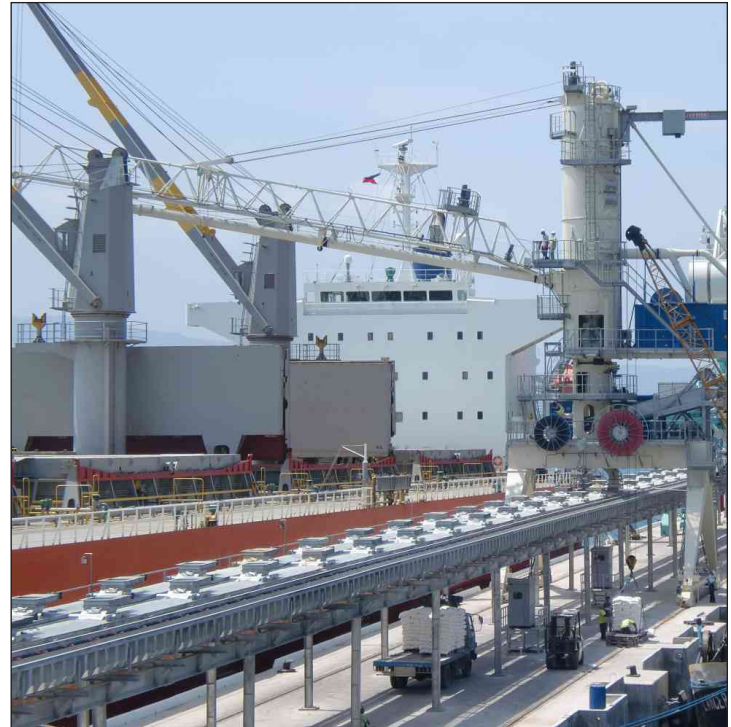
Project

The DeLong Co., Inc. is leasing a parcel of property on Jones Island at the Port Milwaukee to develop an intermodal bulk vessel agricultural commodity transload facility at the Port. The property in the Port is adjacent to a waterway and mooring that is capable of harboring a covered bulk blue water material cargo vessel with sufficient capacity to load agricultural products and deliver them worldwide. The products to be transloaded are anticipated to be primarily Dry Distillers Grain with Solubles (DDGS), soybeans, and, potentially, corn and grain. The Port is a vital deep draft international commercial harbor with several ship terminals, deep draft docking space, and storage and/or transload facilities for cargo.

Redevelopment of the property includes the environmentally appropriate demolition of an existing out-of-date structure and construction of an upgraded mooring infrastructure, if required. A fabric building will be erected in place of the existing structure. The transload facilities will include rail and truck gravity dump hoppers connected to a conveyance system to transport the material into the fabric building. Inside the fabric building, a reclaim system will be installed to take stored material and convey it for bulk loading into the covered bulk material cargo vessel. Vertical storage structures will also be added to handle soybeans and grain.

Need

Funds requested for this project will be used for the demolition of the existing out-of-date structure, the construction of the intermodal bulk vessel transload facility and the vertical storage structures. The project will include site investigations, permitting, site work, a shiploader as shown above, other equipment for bulk loading and conveyance, and construction phase engineering.



Schedule

Pending funding for this project, site investigations will take place in fall 2019 and design, permitting and, with final engineering commencing in the first quarter of 2020 and an expected engineering completion date in mid 2020. Deconstruction of the existing structure will be performed during summer 2020, and new construction and installation will take place from late summer 2020 through 2021.

Project Budget

Geotechnical Investigation	\$10,000
Site Survey	\$10,000
Permitting	\$50,000
Materials & Soil Testing	\$60,000
DeLong Rail	\$3,237,480
Port Rail	\$2,342,196
Electrical Control & Automation (incl. installation)	\$1,837,200
Demolition	\$416,250
Civil & Site Preparation/Finishing	\$2,000,000
Subsurface Pilings & Geo-piers	\$2,028,060
Concrete Structural Foundation (incl. installation)	\$2,536,622
Structures & Buildings	\$3,985,188
Process Equipment (conveyance, unloading, loading, etc.)	\$9,718,011
Sales Tax	\$204,073
Engineering	\$1,400,920
Site General Conditions	\$145,770
Estimated Total	\$29,981,770

Benefits

- ◆ Better utilization of current Port assets.
- ◆ Intermodal bulk vessel transload facility will be the only maritime-based distillers dry grain (DDG) transload site on the Great Lakes that can load entire vessels of DDGS.
- ◆ Expands international market, allowing for greater quantities of products and ability to ship to new customers.
- ◆ Reduces carbon footprint of truck transportation.
- ◆ Provides additional markets for ethanol by-products produced in the upper Midwest.
- ◆ Provides an estimated 50,000 construction work hours during construction of new facility and eight permanent jobs.
- ◆ Pumps additional money into corn and soybean producers in Wisconsin and upper Midwest.
- ◆ Benefits will flow to the Port, DeLong, ethanol plants and farmers.

Project Partners



The DeLong Co., Inc.

For over 100 years, The DeLong Co., Inc. has provided information, products and services to the farming industry. In addition to being a grain elevator and major supplier of food grains domestically and internationally, we provide seed, fertilizer and chemical inputs and services for growers in Wisconsin and Illinois. We offer delivery and storage of feed grains and seed products and also sell feed and seed manufactured for use in livestock feeds, pet foods and wild bird seeds. The DeLong Co. operates two warehouses that are used to wholesale and distribute various feed and pet products to dealers in Wisconsin, Illinois and Indiana.

DeLong operates 36 facilities throughout the U.S. and is the number one exporter of containerized agricultural products. For more than a quarter century, we have supplied food processors worldwide. The grain division is headed by Wm. (Bo) DeLong and operates grain handling and storage facilities in locations in Wisconsin, Illinois, Kansas, Ohio, Nebraska, Michigan, New Jersey and New York.

Contact:

Brandon Bickham
Export Sales Manager
(608) 676-2255, ext. #1242
bbickham@delongcompany.com



Port Milwaukee

Port Milwaukee is home to many different and vital commercial and industrial activities. It is a major receiving and shipping port on the Great Lakes with an accessible deep-draft harbor making it a transportation hub connecting ocean vessels, barges, Class 1 rail, and high-way transport. It is the home of the U.S. Coast Guard's Sector Lake Michigan, responsible for all Coast Guard missions on Lake Michigan, and serves as a Harbor of Refuge.

Commodities transported through this harbor include: non-metal minerals, coal, corn, soybeans, peas, cement, concrete, sand, gravel, and manufactured goods and it is well-positioned to continue to play a key role in the growth of the Midwest agricultural products.

In 2018, the Port's public docks handled over 2.3 million tons of commodities and generates over \$100,000,000 in regional business revenue annually. It takes almost 1,300 trucks off Wisconsin roadways. The addition of the DeLong facility will expand the Ports economic benefits locally and internationally. Once this facility is operational, DeLong estimates initially exporting at least \$40M of DDGS overseas through the Port.

Contact:

Lawrence Sullivan
Chief Engineer
Port Milwaukee
lsulli@milwaukee.gov



Foth

Foth Infrastructure & Environment, LLC (Foth) helps solve the toughest engineering and manufacturing challenges for communities and private industries across North America and around the globe. Members of Foth's three service divisions, Environment, Infrastructure and Production Solutions, operate from 27 strategically positioned locations to readily meet the diverse needs of our clients.

Foth provides assistance with funding strategies, application development, grant administration and special appropriation requests. In the past five years, Foth has assisted our clients in obtaining more than \$45,000,000 for coastal infrastructure and sediment management projects. Of this total, more than \$7M has been from federal programs. Foth also helps clients comply with the management and reporting requirements of grant funds.

Contact:

Brian Hinrichs
Senior Client Manager
(608) 242-5958
brian.hinrichs@foth.com

Matt Schowengerdt
Lead Environmental Engineer
(414) 336-7932
matt.schowengerdt@foth.com

