



CASE STUDY: Ottawa Barge Terminal

Ottawa, Illinois

**Sustainable Yet
Cost-Efficient**

Executive Summary

After a derecho swept through the Midwest in August 2020, the customer needed to rebuild a reliable, sustainable fertilizer storage structure at the Ottawa Barge Terminal. Following the storm, Calhoun and their authorized dealer, Greenfield Contractors LLC, demolished the existing decrepit building - designed and installed by another manufacturer - and replaced it with a long lasting Calhoun structure.

The Ottawa Barge Terminal is located just west of Ottawa, IL on the Illinois River. Versatile in nature, services include the loading/unloading of barges as well as the storage of dry bulk materials.

Calhoun's Solution

Given tough environmental conditions, durability was top of mind for the customer. Calhoun's high-density polyethylene (HDPE) fabric is manufactured to withstand UV rays and corrosion. Hot-tipped galvanized steel was also used to protect against pitting and rusting. Calhoun offered the Barge Terminal a cost-efficient yet sustainable solution that included free span space, clearance for trucks, proper ventilation, and adequate, engineered storm protection.

Project Profile

Size:

72' x 264' CC Series on 12' centres

Site Parameters:

25 psf snow load & 105 mph wind speed

Fabric:

White PE, Non-FR Keder Panel

Mount:

8' steel leg

Additional Information:

One end closed; one end with two 20' x 20' door openings. Added mesh vents.

"Being a highly corrosive material, fertilizer requires a durable storage solution, protected against deterioration and harsh weather conditions. With sustainable materials and reduced installation time, Calhoun Super Structure was the optimal fertilizer storage solution."

-Jack Goodman, Ottawa Barge Terminal



Scan to learn more about our fertilizer options!