

# enduro CASE STUDY

## PROJECT TYPE:

Fertilizer Plant

## SCOPE OF WORK:

100' x 300' x 31'

Bulk Storage Building

20' x 120' x 17' Truck Scale Building

MCC Room

Conveyor Enclosure Structure

Conveyor Transition Tower

## ENDURO PRODUCTS:

Tuff Span™ Panels

Tuff Span™ Beams

Tuff Span™ Ridge Vents

## VALUE:

\$500,000



## APPLICATION SUMMARY

- The customer was expanding its fertilizer handling capabilities at its River Port, AR terminal
- The expanded terminal facility will be capable of storing approximately 9,000 tons of dry-bulk fertilizer
- Design and construction plans include removal of an existing metal building and a new structure to be constructed on the existing slab
- The customer had historically used material such as metal, wood, and shingles and was not familiar with non-metallic solutions
- Conventional materials resulted in poor lighting contribution

## SOLUTION

- After a value engineering analysis was completed, the customer determined Enduro's composite building system was the best solution for this application
- Tuff Span fiber-reinforced composite cladding and sub-structural beam components were used
- Tuff Span translucent panels were considered extremely beneficial as opposed to light contribution from plywood and shingle roofs.
- Enduro assisted the customer's engineering team throughout the entire process yielding the best possible nonmetallic solution
- The project is currently underway