

CONSOLIDATED GRAIN BARGE LOADING TERMINAL



Owner

Consolidated Grain and Barge Co.

Size/Capacity

700,000 bushel storage

Completion Time

12 months

Younglove's Services

- Conceptual design
- Structural engineering
- General construction
- Construction management
- Slipform concrete construction
- Equipment installation

Jeffersonville, Indiana

The Consolidated Grain project consisted of eight 32-foot tanks with interstices 117 feet tall. The facility can receive grain by truck and rail (100 car trains) at 30,000 bushel per hour. The receiving system features two 1,000-bushel truck pits and one rail pit. Each truck pit feeds a 15,000-bushel-per-hour leg. Barge loadout capacity with automatic sampling is 30,000 bushel per hour. An identical belt fed by a stationary crane unloads bulk materials from barges to truck or rail. Operational features include:

- Direct transfer from truck or rail to barge or elevator.
- Reclaim from storage to barge without elevation.
- Loadout truck or rail from storage.
- Gravity flow distribution to storage.
- 3,000-bushel-per-hour drying capacity.



YOUNGLOVE

*Builders of value...
Builders of trust*

Leaders in the design and construction of bulk materials handling facilities