

AGP PLANT UPGRADES

Owner

Ag Processing, Inc.

Size/Capacity

20,000 bushel per hour
truck receiving
driveway

20,000 bushel per hour
transfer conveyors

5,000 and 10,000
bushel per hour
reclaim conveyors

500,000 bushel grain
storage bin

Completion Time

8 months

Younglove's Services

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

Sheldon, Iowa

Plant upgrades for this facility included a new 14-foot by 80-foot pitless truck scale enclosed with a new truck receiving building with an attached receiving office and MCC room.

Grain is received in a 1,000-bushel gravity hopper to a 20,000-bushel-per-hour L-path conveyor to a 20,000-bushel-per-hour bucket elevator. Grain is transferred and distributed to existing grain storage silos by a 20,000-bushel-per-hour en masse drag conveyor. The upgrades in the basement consisted of installing all new 5,000-bushel-per-hour en masse drag conveyors for reclaim of grain to processing. Grain from the new receiving leg can be diverted by a new 20,000-bushel-per-hour belt conveyor to either an existing steel bin or a new 500,000-bushel corrugated steel bin. Reclaim of grain from the new or existing storage bins is by a new 10,000-bushel-per-hour en masse conveyor.

Other upgrades to the facility include a new grain probe and transfer system, a truck receiving staging area for incoming grain trucks, and a complete dust system with pick-up points at the truck receiving hopper and other equipment areas.



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Builders of trust*

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