

Project Information Sheet

Ag Processing, Inc. Expansion at the Port of Grays Harbor · Aberdeen, Washington

Description: BSA worked closely with Ag Processing, Inc. and Todd & Sargent, Inc. to provide civil engineering and surveying services for the multimillion dollar agricultural product handling and shipping facility at the Port of Grays Harbor. BSA's surveying responsibilities on this project included topographic surveying, construction staking and settlement monitoring for multiple grain storage silos. Civil engineering services included grading and drainage design, water quality monitoring for discharged stormwater and water and sewer utility design. Engineering work on this project was coordinated with the Washington State Dept. of Ecology, City of Aberdeen, City of Hoquiam and the Port of Grays Harbor.

The project constructed 13 soybean and grain product silos, a railcar receiving building, transfer tunnel, truck loading structure and inspection facility. Grading and stormwater drainage for these structures included drainage zone delineation, channelization and matching existing elevations at asphalt cut lines. Stormwater was routed between and around structures via conveyance pipes. A temporary stormwater sedimentation pond was designed per the Washington State Dept. of Ecology requirements to detain and treat discharged stormwater. BSA monitored turbidity and pH throughout the project and worked with the Dept. of Ecology to keep the site within stormwater discharge compliance.

Utility design work performed by BSA included relocating a 10" water main and a 4" pressure sewer line. BSA also designed water and sewer extensions to connect multiple offices and grain inspection buildings. Water and sewer utility extension work was done as a design-build portion of the project and was closely coordinated with Todd & Sargent, Inc. BSA accommodated multiple site layout changes and relocation requests during the utility extension portion of this project.



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