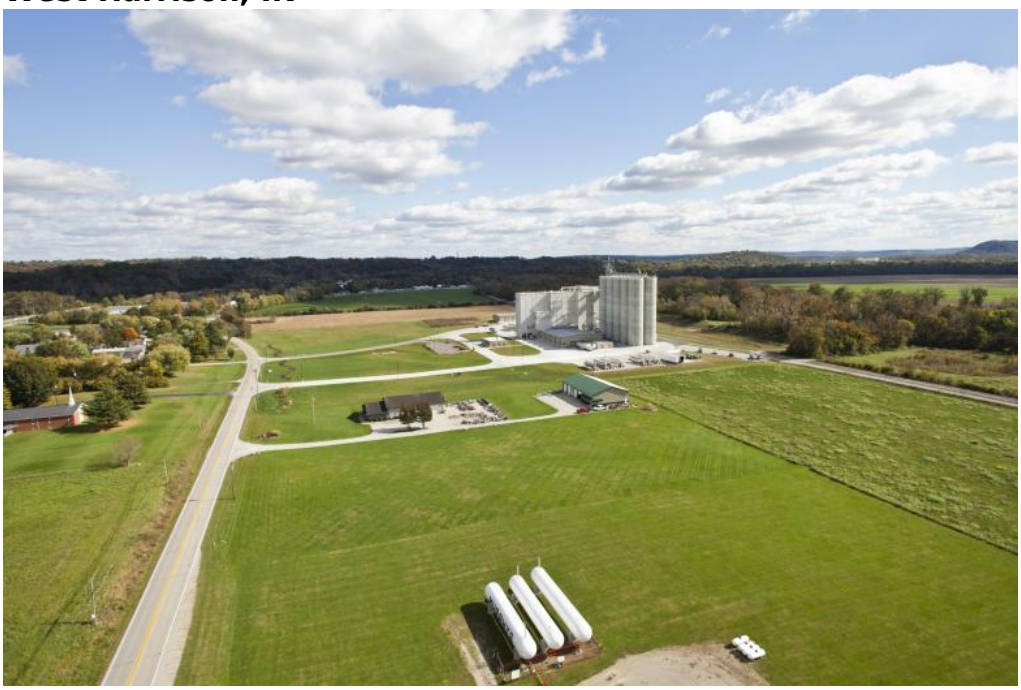
Whitewater Mill
West Harrison, IN



Bayer Becker's experience with industrial site design and mass grading were instrumental in the design of Whitewater Mill, a seven story wheat processing facility with eight 150 foot tall grain storage bins located in West Harrison, Indiana. Once completed the mill will produce 700 tons of wheat-based products daily. Because of the site's location in a floodplain, raising the site became necessary. To help raise the site and control costs, an onsite borrow pit was utilized. The borrow pit was designed and constructed to control sedimentation until all construction is completed. When completed, the borrow area will be permanently used as storm water detention for the property.

The site's flat topography made utility layout a challenge. Many runs of storm sewer were upsized to handle the required design flows. In addition to site engineering, Bayer Becker field crews provided construction staking for some 500 concrete pilings for the building's construction. Bayer Becker also provided a Traffic Impact Study for the site and design and permitting through the Genesee Wyoming Railroad for two large borings for storm water culverts. Design of a ½ mile industrial railroad track to service the mill was also provided for the client. When the mill is in full operation, it will be a self-automated state of the art facility open for the local farming industry.

Project Stats	
Client:	Siemer Milling Company
Location:	West Harrison, IN
Year:	2013
Market:	Industrial
Project Size:	40.00 Acres

Services Provided:

CONSTRUCTION PHASE SERVICES

Meeting Document Preparation
Meeting Facilitation
Post Construction As-builts
Regular Site Visitation

SURVEYING SERVICES

Construction Layout & Staking
Easement Exhibits & Descriptions
FEMA Elevation Certificates
Legal Descriptions
LOMR-Letter of Map Revision
Quantity-Volume Surveys
Topographic Surveys

CIVIL ENGINEERING SERVICES

Contract Documents and Specifications
Due Diligence Research
Erosion Control Planning, Permitting & Inspection
Flood Plain Analysis and Permitting
Grading & Earthwork Analysis
Hydrologic & Hydraulic Analysis
Post-Construction Storm Water Quality Best Management Practices
Preliminary Budgeting/Final Cost Estimating
Site Development
Storm Water Collection System
Storm Water Control Facilities
Storm Water Pollution Prevention Plans

TRANSPORTATION ENGINEERING SERVICES

Traffic Impact Studies

LANDSCAPE ARCHITECTURE & PLANNING SERVICES

Planting Plans