



Site Development

*Bednarcik Junior High School
Aurora, Illinois*

Construction Cost:

- \$22,000,000

Sitework Cost:

- \$2,700,000

Project Features:

- 3,400 Linear Feet of 8-inch and 12-inch Diameter Sanitary Sewers
- 4,600 Linear Feet of 8-inch and 12-inch Diameter Water Main
- 9,400 Linear Feet of Storm Sewer
- 26,000 Square Yards of Roadway Resurfacing
- 8,000 Linear Feet of Curb and Gutter



Entrance of Bednarcik Junior High School



Engineering Enterprises, Inc. provided the topographic and boundary survey, site design, and construction services for the 40-acre Bednarcik Junior High School site on Wolf's Crossing Road in Aurora, Illinois.

The site plans included storm sewer drainage facilities to replace the existing farm tile system that was of inadequate hydraulic capacity and structural strength; water main extensions from both Hoffman Drive and Frost Lane to the site; sanitary sewer main from the Fox Metro Water

Reclamation District Joliet Road Interceptor at Hoffman Drive to the site; and widening and resurfacing improvements to Wolf's Crossing Road and Heggs Road.

A storm water management report, consisting of computer modeling of the drainage tributary to the site was prepared using the Natural Resource Conservation Service (NRCS) TR-20 hydrology program, to determine the on site detention requirements for a 100 year rainfall event, for submittal to the City of Aurora for their review and approval.