

Name of Project: **Creston and Ottawa Hills High School Sitework**

Owners: Grand Rapids Public Schools

Contact Person Names/Phones: Mr. Mike Didier, Manager  
Construction and Renovation  
(616) 819-3034

Location of Project: City of Grand Rapids,  
Kent County, Michigan

Date Started/Completed: 6/2005 - 11/2005

Dollar Value: \$ 816,000

Project Team:  
Joseph D. Camp, Project Manager  
Justin Longstreth, E.I.T., Project Engineer  
Steve Young, P.E., Materials Testing Consultants  
Bob Gengelbach, P.E., Byce & Associates



Project Description:



Moore & Bruggink, Inc. was the design and construction engineer for this pavement rehabilitation and concrete step/ ramp replacement. This project involved evaluation of existing asphalt pavement at the two schools and providing recommendations for repaving or sealing. Deteriorated concrete steps, a non-ADA conforming ramp and all associated metal railings at Ottawa High School were also evaluated for rehabilitation or replacement and appropriate designs prepared, bid and implemented.

Additional engineering challenges at Creston High School included a faulty steam supply line under one of the lots requiring redesign and repair. A large deteriorating underground coal / fuel tank vault also had to be addressed for environmental cleanup and backfilling before repaving. A last minute parking lot extension at Ottawa Hills High School was also added to the scope and fast-tracked designed to keep the project on schedule.

The project was completed within the tight summer vacation schedule and was well received by the GRPS teachers and staff.

