

## **SITE DESIGN**

### ***Chesapeake, OH - High School Athletic Complex***

Design Surveys, Site Design, Construction Drawings, Specifications and assistance during Construction for a complete replacement of the Athletic Complex for the high school football, soccer, track and field events.

**Eastham & Associates** completed Field Design Surveys and 3-Deminsional Modeling of the entire site of over 16 acres and including all 4 lanes of Ohio State Route 7 along the project. **Eastham & Associates** designed all of the site components to fit the MSA Architects master plan and design of the new athletic facilities.

### ***Demolition***

Site design included preparation of demolition plans for complete site clearing, removal of existing track and drainage facilities, capping all active utility lines and disposal of construction debris.

### ***Site Design Considerations***

The positioning of and fitting up the MSA Sport design of the new asphalt track, bleachers, synthetic turf, separate field buildings for Home and Visitors, and related ancillary facilities within the existing site parameters required extremely close coordination between **Eastham & Associates** Project Managers and Engineers with the teams geotechnical engineers, architects, utility providers and school officials. The site design also included design of modifications to existing school bus traffic lanes, pavement designs, grading and drainage plans, drainage facilities and new utility service lines. **Eastham & Associates** conducted Construction Administration which included providing Cost Estimates, participation in Pre-Bid, Pre Construction Conferences and final Inspections. As of July 2012 construction is proceeding.

The Site Design required a steep slope toward State Route 7 which created drainage issues that were addressed; and school bus traffic patterns were adjusted; logistics were designed so as to have minimal impact on on-going school activities. Since the new Athletic Complex is designed to only replace the existing Athletic Complex, leaving all of the other facilities intact, extreme care and consideration was taking when incorporating the new design with the remaining school facilities.