

- **Owner:**
The Pennsylvania State University
- **Services:**
Structural Engineering for Railing and 200m Track Surface Certification
- **Construction Cost:**
\$985,000
- **Completed:**
2011

Project PennState

Penn State Multisport Complex Railing and Track Certification, University Park, PA

Stahl Sheaffer Engineering provided services to the university to replace the existing railing, as well as certifying the new track surface. Stahl Sheaffer prepared and consulted with the owner regarding options for replacement or improvement of an existing railing used for edge protection on a hydraulic bankable track installed in the Multi-Sport Complex. Stahl Sheaffer designed a retro-fit to the existing assembly to strengthen the vertical members and reduce give in the system. Stahl Sheaffer also provided on-site surveying of the new track surface by IAAF regulations to verify the exact measurement of a 200 m first lane. Stahl Sheaffer staked the initial layout by marking designated points to guide the paint process, and later verified the final product within a hundredth of an inch. Stahl Sheaffer prepared a statement verifying construction as well as a complete IAAF Certification System Form for the university to retain for record-keeping.

