

# Harrisburg Area Community College

## Pedestrian Bridge

East Lampeter Township, Lancaster County, Pennsylvania



### Project Description:

This ELA client challenged us to “move pedestrians efficiently and safely across the campus on a structure that is in character with its surroundings and is resilient to abuse.” ELA responded by designing and engineering a pedestrian scale bridge, fully capable of emergency vehicle passage while maintaining the aesthetic and institutional qualities of the campus.

Design challenges including spanning a tributary of the Conestoga River without raising the 100 year flood elevation, avoiding conflicts with utilities located along the tributary’s corridor, allowing for suitable access below the structure for utility maintenance, and providing a nearly maintenance-free and vandal-proof bridge.

### Client / Contact

Harrisburg Area Community College  
Ernest T. Peters, Facilities Director



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## Professional Services Provided

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- Athletic Fields
- Comprehensive Plan / Study
- Construction Administration
- Construction Documents
- DCNR Grant
- Erosion & Sedimentation Control
- Feasibility Study
- General Structures (design)
- General Structures (repairs)
- GIS Consulting
- Highway Occupancy Permitting
- Hydraulic Study
- Inspections / Observations
- Land Development Plan
- Master Planning
- Miscellaneous Permits
- Miscellaneous Study
- Ordinance Reviews
- Plan Review
- Planning Module
- Playground Design
- Potable Water Design
- Recreation Study
- Roadway Improvements
- Sanitary Sewer Design
- Signal Permitting
- Sketch Plans
- Stormwater Improvements
- Stormwater Management
- Subdivision
- Topographic Survey & Boundary
- Traffic Impact Study
- Water Distribution Design
- Wetlands
- Zoning

*Exploring Possibilities....*

*...Finding Solutions*

