

Wards Road Pedestrian Bridge



3915 Wards Road
Lynchburg, VA 24502

Owner Contact: Tom Martin (434) 455-3921
Engineer: Wiley|Wilson (434) 947-1901

Size 131'-11" span
2 stories

Contract Delivery Method design-build
Contract Time 395 calendar days
Contract completed 55 days early and under budget

Project Narrative

The project was a collaborative effort between the City of Lynchburg and Liberty University to provide a safe means of pedestrian traffic across a heavily traveled four lane highway. Possible impacts included retail shops, vehicle traffic, electrical lines, and waterways.

A plan was put into place to begin on the northbound side of Wards Road with the construction of the first tower. This allowed the elevator to be installed while construction began on the second tower. Impact to retail shops was contained to two parking spaces. Construction of the second tower required a concrete form that would also serve as shoring to maintain a safe working environment while not impacting the existing waterway or the southbound lane of US-29. As the second tower was completed, the abutment began on the southbound side of the bridge.

Once both towers were completed, the structural steel was set and concrete was poured between the hours of 12am – 4am to avoid major traffic impact. Coordination of all land owners, utilities, project owners, and contractors was required to ensure minimal impact, maintain the schedule, and complete the project within budget.