

- **Owner:**
Wayne Township Supervisors
- **Services:**
 - Bridge Design
 - Bridge Inspection
- **Size:**
42'-0"
- **Construction Cost:**
\$250,000
- **Year Completed:**
Design: 2008
Construction: 2009

Linnippi Trail over McElhatten Run Bridge Design & Inspection



Wayne Township Supervisors, Clinton County, PA

Stahl Sheaffer completed the design and initial inspection in 2009 of the 42' long precast reinforced concrete arch structure carrying Linnippi Trail over McElhatten Run in Wayne Township, Clinton County, near Lock Haven, PA. This structure was designed by Stahl Sheaffer and is the only means of access to the Linnippi Trail Housing Development and the Lock Haven Area Water Authority. The two-lane structure is adjacent to companion structures carrying SR 220 over McElhatten Run. The structure featured guiderail mounted to the arch spandrel walls and significant amounts of rip-rap to maintain the stream alignment, reduce scour effects on the structure, and maintain the normal stream width that supports native trout reproduction.

Stahl Sheaffer performed coordination with PennDOT Engineering District 2-0 to assign structure numbers to the newly constructed facility that was ultimately turned over to the Wayne Township Supervisors after the housing development owner completed the bridge construction. Stahl Sheaffer provided sufficient copies of the reports for owner records, Township records and submission to PennDOT Engineering District 2-0 for approval and record keeping purposes.

