

- **Owner:**  
PennDOT District 2-0
- **Services:**  
Bridge Replacement
- **Size:**  
22' x 4.5' on a 45 Degree Skew  
Cast-in-Place Box Culvert
- **Year Completed:**  
Design: 2010  
Construction: 2011
- **Costs:**  
\$509,042

*"Stahl Sheaffer excelled on the completion of Part 2 of this agreement, accelerating the controversial project resulting in letting the project nearly one year ahead of the originally scheduled let date. Stahl Sheaffer performed very well at facilitating the public workshops meeting the needs of the Department as well as other project stakeholder. Stahl Sheaffer was very responsive to the project's needs, often times meeting with residents or design team members on very short notice. Jeff Sheaffer performed very well at both the technical end of the design and facilitating the public's needs into the project. It was a pleasure working with Stahl Sheaffer on this project."*

# SR 2006 A01 over Mackey Run Bridge Replacement

PennDOT District 2-0, Harris Township, Centre County, PA



Stahl Sheaffer as the prime consultant, completed Agreement E01385 SR 2006, Section A01 over Unnamed Tributary to Cedar Run Bridge Replacement, Centre County in 2010. The project involved the construction of a box culvert and stream relocation to replace a load posted structure and improve hydraulic performance in this flood-prone area. To arrive at the preferred alternative, Stahl Sheaffer evaluated all options and chose the one that provides the greatest number of benefits, including: meeting the majority of design criteria, improving safety, minimizing right-of-way and utility impacts, removing hydraulic obstructions, improving flooding elevations, minimizing disruptions to residential property access during construction, and improving fish passage.

On this project, Stahl Sheaffer managed and/or performed all aspects of the transportation development process, including archaeology, historic resources, stream relocation, public involvement, utility coordination and relocation, alternative studies, 4(f) resources, agricultural resources, 2-D hydraulic analysis, and traffic calming measures. Stahl Sheaffer facilitated ten well attended, highly publicized public meetings and obtained public input in the development of alternatives.



Stahl Sheaffer's design performance is reflected in the evaluations on file in ECMS, which include many "Exceeds Expectations".