

Location:	Town of Warren, District 1-0
Completion Date:	8.1.2005
Construction Cost:	\$11,400,000
MPMS #:	2507
Contact Information:	Thomas S. Fox 814.678.7167 thofox@state.pa.us
Themes:	Leverage and preserve existing investments; Develop local governments as strong land use partners
Project Overview:	<p>This unique project included replacement of an existing Closed Spandrel Earth filled arch structure over the Allegheny River in Downtown Warren, Pennsylvania. The bridge was identified as a contributing element to the adjacent historic district. During the preliminary engineering phase of the project, the existing structure was closed to traffic in March 2003 due to severe deterioration. This structure provided a direct link from the downtown and residential areas north of the bridge to the local hospital on the south side of the bridge.</p> <p>An intense public involvement effort and a dedicated design team culminated in a complete final design in less than a year and a bridge open to traffic by August 2005. The bridge design considered community context and dovetailed nicely with Downtown Warren's revitalization efforts. Today, the bridge is owned and maintained by the City and is a piece of civic infrastructure the community is truly proud of.</p> <p>Unique materials used in the project included pre-cast architectural arch façade panels and railings, alcoves above piers, period lighting, arch lighting, and an exposed aggregate finish.</p>
Lessons Learned:	Early and meaningful stakeholder involvement can streamline the design process and result in a solution that a community will take ownership of. With proper planning and collaboration, transportation investments can be leveraged to support a community's economic development effort.
Awards:	<ul style="list-style-type: none">• ACEC/PA Diamond Award

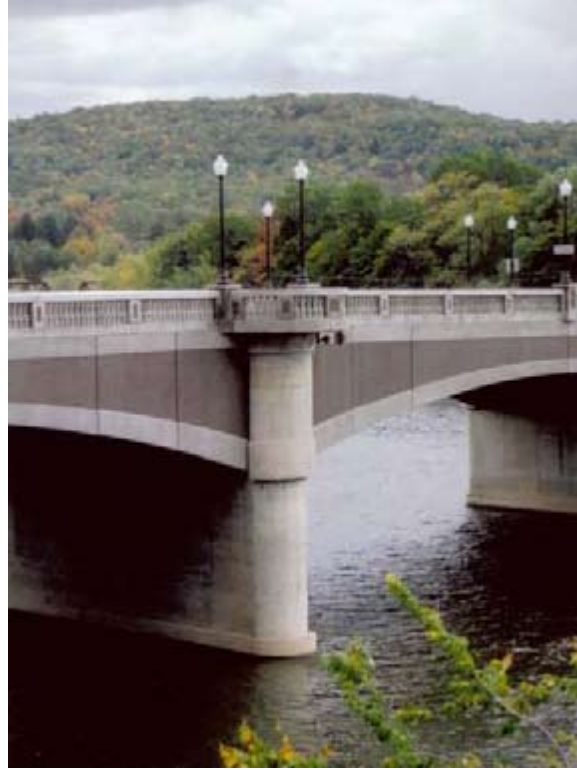
hickory street bridge



hickory street bridge



hickory street bridge



hickory street bridge

