

shadigee creek bridge (sr 4012)

Location:	Starrucca Borough, Wayne County, District 4-0
Completion Date:	In design phase (as of the time of case study submittal)
Construction Cost:	\$620,000
MPMS #:	9954
Contact Information:	Norm Oravec 570.963.4045 noravec@state.pa.us
Themes:	Leverage and preserve existing investments; Understand the context; plan and design within the context

Project Overview: This project included replacement of a single span steel I-Beam bridge over Shadigee Creek with a single span precast rigid frame structure. Included in the project were roadway approach work that considered drainage, granite curbing, and pavement markings.

Concrete form liners were used on the wingwalls to transition into the native stone masonry wingwalls that remained. Tinting of the concrete was done to match the color of the native stone wingwalls. Special concrete form liners were used on the parapets and the concrete was tinted to match the native stone being used in the masonry wingwalls. Flagstone sidewalk and granite curbs were used for aesthetic treatments.

The District worked with Pennsylvania Historical and Museum Commission (PHMC) and the community to arrive at a community-acceptable design. To accomplish PHMC's goals, the project incorporated what was once considered 'non-traditional' construction techniques on the job.

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