

Preble 227-1.02 County LPA Bridge Replacement, Preble County, Ohio

CEC submitted final plans in July 2000 for the project, which consisted of the replacement of a 175' two-span truss bridge over Seven Mile Creek. The replacement structure is a non-composite prestressed concrete box beam bridge on cap pile abutments and cap pile piers. The new bridge is three-span @ 69'-0" c/c bearings, with a width of 28' f/f of guardrail and a skew of 30°. Loading is HS20-44 and Alternate Military Loading.

This is a County **LPA Project**. CEC performed the entire project including: Programming, Surveying, environmental investigations, Categorical Exclusion Document (CE Level 2) preparation, 404 permitting, hydraulic analyses using HEC-RAS, plan preparation through final tracings, PS&E, and construction management.

CEC used software developed in-house (cecBRIDGE), which automatically generates final bridge plans to produce the final drawings.



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