

## Enterprise Iles Road Bridge, Hocking County, Ohio

---

In May 1998 CEC submitted final plans for the project, which consisted of the replacement of a 161' single span truss bridge over the Hocking River. The replacement structure is a prestressed concrete box beam bridge on capped pile abutments and T-Type piers.

The new bridge is a three-span @ 62'-0" c/c bearings with a width of 24' f/f of railings. Loading is HS20-44 and Alternate Military Loading. CEC performed the entire project from surveying through detail design, including hydraulic analyses, using HEC-RAS. CEC obtained the Army Corps 404 permit for Hocking County.

CEC used software developed in-house (which automatically generates final bridge plans) to produce the final drawings. The project was completed ahead of schedule in six months, including review time. Construction of the project was begun and completed in 1998.



William R. Shaw, PE, PS  
Hocking County Engineer  
1286 California Ave.  
Logan, OH 43138-8999  
(740) 385-8545