

Millikin Road Bridge, Butler County, Ohio

CEC submitted final plans in April 1999 for the project which consisted of a new bridge and about 775 feet of roadway. The structure is a composite prestressed concrete box beam bridge on stub abutments and cap and column piers. The bridge is over the S.R. 4 Bypass and was designed to accommodate the widening of the Bypass to four lanes (divided). The bridge is a three-span 68'-0", 93'-0", 68'-0" c/c bearings with a width of 33' t/t of parapet on tangent alignment. Loading is HS20-44 and Alternate Military Loading.

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 five months including review time. Construction was completed in 2000.



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