

TRANSPORTATION SYSTEMS

CUY-8-1.27 (NORTHFIELD ROAD) Walton Hills, Bedford & Oakwood, Ohio



Owner:
ODOT D12

Total Project Cost:
\$2.48 million

Completion Date:
2004

Project Description:
This project consisted of the rehabilitation of a 605' bridge on Northfield Road located in Cuyahoga County. This bridge, considered as innovative design at the time, is one of the first continuous riveted steel girder bridges in Ohio. It was built in 1936, 3 years prior to the State developing standards for continuous steel bridge structures. Because of the historical significance of this bridge, reuse of all steel elements was required, and the addition of new girders for widening was also prohibited. The new design, allowing for the maximum width that the existing girders could carry, resulted in 9' 2" deck overhangs.