

Methodology for 2021 Reinforced Concrete Thru Girder Bridge Reevaluation

Bridge Name:	McDowell Lane over Chartiers Creek ¹²
County:	Washington
Municipality:	North Strabane
PennDOT District #:	12
Bridge Key #:	35315
PA-SHARE #:	Resource # 2004RE03338
Year Built:	1943
History:	This 3-span bridge is the only reinforced concrete thru girder bridge located in District 12 making it the earliest in the region and regionally rare. The bridge is a continuous design which is a distinctive and uncommon type. This multiple span bridge exhibits girders with decorative panels that serve as parapets.
Reevaluation Recommendation:	Eligible
Total Points:	22
Points Received:	Received 23 points for: <ul style="list-style-type: none"> • Distinctive and Uncommon type (Continuous Design) • Earliest example in District 12 • Regionally Rare (District 12) • Exceptional span length (Span 59 ft or greater) • Multiple Spans • Select ornamentation (paneled parapet/girders)
Points Deducted:	Deduction of 1 point for Level 1 Integrity Loss: <ul style="list-style-type: none"> • Large areas of spalling (Level 1 Integrity Loss)

¹² This bridge was demolished shortly after finalization of the reevaluation.

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Photograph:



Source: PennDOT Inspection Report

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