

## Methodology for 2021 Reinforced Concrete Thru Girder Bridge Reevaluation

<b>Bridge Name:</b>	PA 616, SR 0616 over South Branch Codorus Creek
<b>County:</b>	York
<b>Municipality:</b>	Shrewsbury
<b>PennDOT District #:</b>	8
<b>Bridge Key #:</b>	37606
<b>PA-SHARE #:</b>	Resource # 2004RE08322
<b>Year Built:</b>	1910
<b>History:</b>	This bridge is a skewed example of a reinforced concrete thru girder bridge. This early bridge exhibits paneled girders which act as parapets. The bridge was strengthened in 1970 by the placement of H piles with steel cap beams under the bridge. The 2001 statewide survey notes that this strengthening does not affect the bridge's appearance or integrity of original design because they are reversible and do not distract from the bridge's engineering significance. The bridge is structurally associated with the National Register listed Northern Central Railway Bridge 182+42 stone arch bridge. (Bridge Key # 37605, Resource # 1982RE00541)
<b>Reevaluation Recommendation:</b>	Remain eligible
<b>Total Points:</b>	20
<b>Points Received:</b>	Received 20 points for: <ul style="list-style-type: none"> <li>• Early example of type (built before 1914)</li> <li>• Early example in statewide population (built before 1916)</li> <li>• Exceptional skew</li> <li>• Select ornamentation (paneled girders/parapet)</li> </ul>
<b>Points Deducted:</b>	No points deducted for loss of integrity

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**Photograph:**



Source: PennDOT Inspection Report

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