



DEPARTMENT OF ENGINEERING AND PLANNING
Division of Engineering
One Spring Street
Newton, New Jersey 07860
973-579-0430
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Matthew R. Sinke, P.E.
Division Director/Assistant County Engineer

Design Notice – Bridge X-48 Replacement

Distributed: February 18, 2022

Project:

Replacement of Bridge X-48

Bridge X-48 carries Mudtown Road over Clove Brook in the Township of Wantage. The existing bridge, built in 1915, is a 30' single span rolled steel multiple girder bridge with an open grate deck founded on stone masonry/concrete abutments and footings, with a curb-to-curb deck width of 19.7'. The structure has been deemed structurally deficient, functionally obsolete and scour critical.

The project will involve the design and construction of a full replacement structure incorporating current design standards, and an improved deck width.



Historic Postcard of Bridge X-48 Circa 1911

Designer:

Boswell Engineering, South Hackensack, NJ
Contract Awarded: March 25, 2020

Preliminary Schedule:

- ✓ Preliminary Alternatives Design – *Complete*
- ✓ 60% Progress Plans – *Complete*
- NJDEP Permitting – *In Progress*
- 90% Progress Plans – *In Progress*
- NJDOT Review
- Final Bid Documents
- Public Bidding for Construction



Bridge X-48 Looking South on Mudtown Road

Estimated Construction Funding:

Construction/Inspection/Testing: \$1,200,000
FY 2020 NJDOT TTF LBF Grant: \$800,000
FY 2022 NJDOT TTF LBF Grant: \$350,000 *Pending*
County Capital Funding: TBD

Preliminary Construction Schedule:

Construction is expected to commence in Spring 2023 with an eight-month construction period



Bridge X-48 Looking Upstream

Traffic Impacts:

A road closure and signed detour will be in place for the duration of construction.

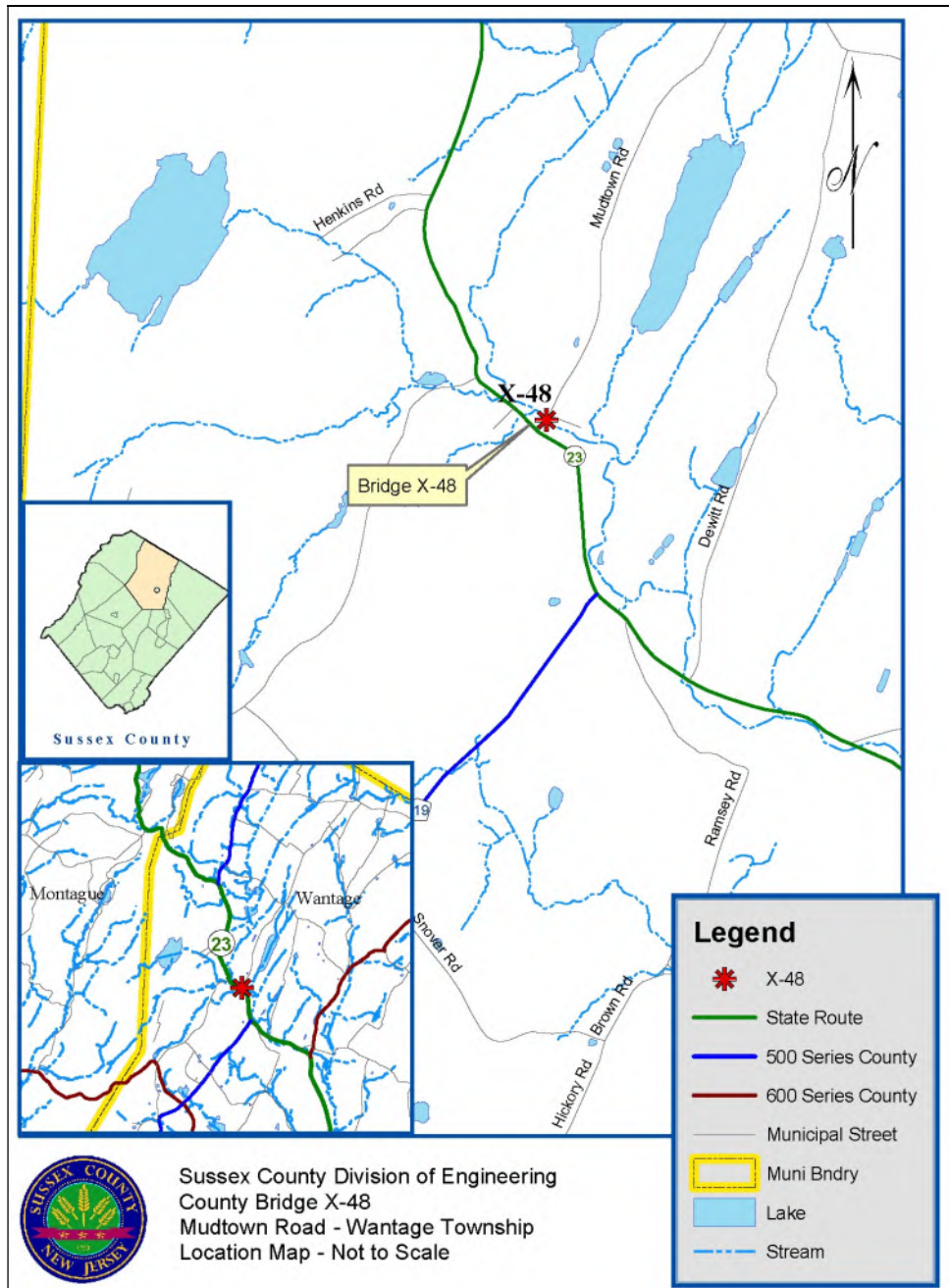
For more information about this project please feel free to contact Susan Delmar, P.E., at the Sussex County Division of Engineering at 973-579-0430 or dpw@sussex.nj.us



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Location Map





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Detour Map

