

GENERAL PERMIT 1



DRCC #: 21-5718

DATE: May 25, 2021

PROJECT NAME: Coryell Street Bridge over Delaware and Raritan Canal -- In-kind
Repair

Latest Submission Received: May 24, 2021

Applicant:

New Jersey Department of Transportation (NJDOT)

951 Parkway Avenue

Ewing, NJ 08625

Brendan.Brock@dot.nj.gov

Project Location:

Road	Municipality	County	Block(s)	Lot(s)
Coryell Street	Lambertville City	Hunterdon	1022	21

Jurisdictional Determination:

Zone A	Minor	Governmental
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Documents Received: Application received April 28, 2021; Bridge Inspection Report (4 pages) dated March 24, 2020, prepared by Churchill Consulting Engineers.

The Delaware and Raritan Canal Commission has reviewed the referenced application for a General Permit authorization pursuant to the requirements of the Regulations for the Review of the Delaware and Raritan Canal State Park at N.J.A.C. 7:45-6.2. The proposed project is authorized by General Permit No. 1, which authorizes projects in Zone A that are necessary to carry out the repair, rehabilitation, maintenance or reconstruction of a structure, road, utility line, or stormwater management measure or basin lawfully existing prior to January 1980 or approved under this Chapter by the Commission.

The project authorized under this general permit shall not be put to any use other than as specified in any approval authorizing its original construction. Projects authorized under the general permit shall not visibly change, expand, widen or deepen the feature, and shall not deviate from any plans of any prior project approvals, except for minor

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deviations due to changes in materials or construction techniques. Any such deviations must be shown as necessary to fulfill the purpose of the proposed project and must be consistent with the Master Plan.

Description of the authorized project: NJDOT proposes in-kind repairs on the bridge (Structure No. 3000-175) which conveys Coryell Street over the Delaware and Raritan Canal in the City of Lambertville, Hunterdon County and within Commission Review Zone A.



The Coryell Street Bridge was constructed c. 1944 when the canal bridges were converted from swing bridges to fixed spans. The bridge features a wooden deck supported by timber piles, wooden abutments and wingwalls. The bridge also has wooden walkways on the north and south sides and white metal railings installed in the 1990s.



As a result of an underwater inspection conducted on March 12, 2020, structural deficiencies were observed at the bridge which require repairs that must be addressed in order to ensure the safety of the traveling public. Specifically, three of the piles identified in the inspection report exhibit advanced hear rot of between 70 to 90 percent. NJDOT proposes to install new fiberglass reinforced pile (FRP) sections and steel repair jackets at the deteriorated piles. NJDOT's application submission states that if replacement of any of the piles is found to be necessary, timber replacement piles would be installed.

The NJDOT application submission states that the project would not impact the public's use of the Delaware and Raritan Canal State Park or the park multiuse trail.

Permit Conditions: The project allowed by this authorization shall comply with the following conditions. Failure to comply with these conditions shall constitute a violation of the "Delaware and Raritan Canal State Park Law of 1974" (N.J.S.A. 13:13A-1 et seq.).

1. This authorization is valid for five years from the date of this letter unless more stringent standards are adopted by rules prior to this date.
2. The project as described shall be constructed and/or executed in conformity with the application.
3. No change in plans or specifications shall be made except with prior written permission from the Commission.
4. The permittee shall allow the Commission the right to inspect the construction site and shall provide the Commission with written notification seven days prior to the start of the authorized work.
5. A complete, legible copy of this permit shall be kept at the work site and shall be exhibited upon request of any person.
6. The issuance of this permit shall not be deemed to affect in any way other actions by the Commission on any future application.
7. The Delaware and Raritan Canal is used as a raw water source for several water companies downstream, and as such, water quality and flow shall be maintained.
8. If work in the canal is required, the NJDOT shall following any recommendation by the New Jersey Water Supply Authority (NJWSA) that such work shall be conducted during times of low flow through the canal.
9. During the work, the contractor shall ensure that no debris, soil or vegetation from the work shall fall, drop, be placed or dumped in the canal. The applicant shall ensure that a boom or other method is employed to contain any debris in the canal and remove any debris from the water.
10. It shall be the contractor's responsibility to ensure that all debris caused by the work is removed from the canal.
11. The contractor shall not pierce or puncture the clay liner or the bed of the canal.
12. The NJDOT shall periodically inform and update the NJWSA on the status of the work schedule for the project.
13. Access to the canal, towpath and adjacent NJWSA buildings for NJWSA personnel shall be maintained.

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14. Any damage to the canal caused by the contractor or any subcontractor shall be repaired to the satisfaction of the NJSWA.
15. The NJDOT shall obtain a Special Use Permit from the Superintendent of the D&R Canal State Park.
16. The contractor shall obtain general liability insurance in the amount of \$1 million, which shall list the State of New Jersey, the Department of Environmental Protection, the Division of Parks and Forestry, the State Park Service and the NJWSA as additionally insured.
17. When available, NJDOT shall provide the name of the contractor undertaking the project to the Commission, NJWSA and the State Park Superintendent.
18. The contractor shall assume all risk of and responsibility for, and agrees to indemnify, defend and save harmless the State of New Jersey, the NJDEP, the NJWSA and any of their divisions, councils, bureaus, or other agencies or subdivisions, and their officers, directors, trustees, employees and contractors, as the case may be, from and against any and all claims, demands, suit, actions, recoveries, judgements, costs and expenses in connection therewith on account of the loss of life, property or injury or damage to the person, body, or property of any person or persons whatsoever, which shall arise from or result directly or indirectly from work performed in connection with this permit. The indemnification obligation is not limited by, but is in addition to, the insurance obligation contained in this permit.

Expiration Date: May 25, 2026.

Appeal of Decision: In accordance with N.J.A.C. 7:45- 7.1, any person who is aggrieved by this decision may request a hearing within 30 days of the date of decision.

If you have any questions regarding this authorization, please contact the Commission at (609) 397-2000 and reference the above file number.

Sincerely,



John Hutchison
Executive Director

- c. Mike Sellar, Facility Manager, Delaware and Raritan Canal, NJSWA
Julie Shelley, Property & Permit Administrator, NJWSA
Patricia Kallesser, Superintendent, Delaware and Raritan Canal State Park
Jesse West-Rosenthal, Ph.D., Historic Preservation Specialist 2, DEP/SHPO