

GENERAL PERMIT 1



DRCC #: 22-5893

DATE: August 29, 2022

PROJECT NAME: NJDOT Structure No. 1821-151 -- Route 27 Bridge over Delaware and Raritan Canal -- In-kind Repairs

Latest Submission Received: August 29, 2022

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)
N.J. State Highway Route No. 27 at Milepost 3.16	Franklin Township	Somerset	N/A	N/A

Jurisdictional Determination:

Zone A	Minor	Governmental
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Documents Received: Application received August 1, 2022.

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

PO BOX 539

STOCKTON, NJ 08559

609-397-2000

www.nj.gov/dep/drcc/

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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 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 to conduct in-kind maintenance repair work on the bridge that conveys the current alignment of N.J. State Highway Route No. 27 (Route 27) over the Delaware and Raritan Canal in the Kingston neighborhood of Franklin Township, Somerset County. The current alignment of Route 27 was established in the early 1970s, when the present steel and concrete bridges that carry the highway over the Millstone River and the Delaware and Raritan Canal were constructed, which shifted the alignment approximately 345 feet north of the former route, which ran over the 1789 stone arch bridge over the Millstone River, and the former A-Frame, then King-Post, swing bridges over the Delaware and Raritan Canal that were ultimately supplanted by a fixed span in 1957.



NJDOT Structure No. 1821-151 is a steel stringer bridge with a cast concrete roadway deck, concrete parapets with metal railings, and supported by semi-stub abutments that was constructed in 1969. The bridge is 72 feet in length, 62 feet in width, and holds three road lanes of 50 feet in total width along with two 6.0-foot-wide sidewalks.

The NJDOT proposes to repair the concrete bridge deck, reconstruct curbs, repair expansion joints, undertake repairs to the concrete substructure, apply waterproofing to the piers and abutments, clean, and apply a corrosion inhibitor to the deck surfaces. The proposed in-kind repairs are intended to extend the life of the existing structure. The

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applicant's submission states that no work proposed below water level, and that no impacts to the Delaware and Raritan Canal State Park are anticipated.

The NJDOT specifically proposes to perform concrete deck repairs, curb reconstruction, expansion joint repairs, substructure concrete repair, waterproofing of piers and abutments, cleaning, and application of a corrosion inhibitor to the desk surfaces. No work will take place below water levels on structures spanning waterways. NJDOT has stated that the repairs will be done in-kind and not impact existing clearances with respect to the underside of the road deck.

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 (NJSWA) 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 NJSWA on the status of the work schedule for the project.
13. Access to the canal, towpath and adjacent NJSWA buildings for NJWSA personnel shall be maintained.
14. Any damage to the canal caused by the contractor or any subcontractor shall be repaired to the satisfaction of the NJSWA.

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15. The NJDOT shall obtain a Special Use Permit from the Superintendent of the Delaware and Raritan Canal State Park for any proposed activity within the 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, Forests & Historic Sites, 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, judgments, 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: August 29, 2027.

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