

# GENERAL PERMIT 1



**DRCC #:** 17-5114

**DATE:** December 21, 2017

**PROJECT NAME:** Amwell Road (County Route 514) Bridge Repair

**Latest Submission Received:** December 21, 2017

**Applicant:**

Brendan K. Brock  
New Jersey Department of Transportation  
(NJDOT)  
951 Parkway Avenue  
Ewing, NJ 08625

**Engineer:**

Glen J. Fitzgerald, P.E.  
ECM Engineers, Inc.  
Whitehorse Commercial Park  
127 U.S. Route 206, Suite 30  
Hamilton, NJ 08610

**Project Location:**

Road	Municipality	County	Block(s)	Lot(s)
Amwell Road (County Route 514)	Millstone Township	Somerset	n/a	n/a

**Jurisdictional Determination:**

<b>Zone A</b>	<b>Minor</b>	<b>Governmental</b>
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**Documents Received:** DRCC application received October 10, 2017; Letter and attachments (4 pages) from regarding inspection of bridge by Glen J. Fitzgerald, P.E., ECM Engineering dated May 2, 2016; email responding to NJWSA questions from Brendan Brock received on December 21, 2017.

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

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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:** The County Route 514 (Amwell Road) Bridge over D&R Canal is a four-span timber bridge, originally constructed in 1953. The bridge carries two lanes of traffic with a curb-to-curb width of 28.6 feet. According to the NJDOT *FY 2016-2025 Statewide Transportation Improvement Program*, the bridge is structurally deficient due to the serious condition of the structure and low inventory ratings. The substructure is in poor condition with heavily deteriorated piles, section loss at the timber sheeting, and missing sheeting. It is functionally obsolete due to the substandard deck geometry.

NJDOT proposes to conduct in-kind maintenance repair on the bridge that would entail replacement of damaged timber sheeting and deteriorated timber piles. Divers will be used to perform underwater repairs. 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. A spill containment boom will be kept on-site.

**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 7 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 D&R 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.

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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 and towpath for NJSWA 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.
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. The contractor shall assume all risk of and responsibility for, and agrees to indemnify, defend and save harmless the State of New Jersey and its employees 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:** December 21, 2022.

**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

**DRCC#:** 17-5114

4

**DATE:** November 13, 2017

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- c. Mike Sellar, Facility Manager, Delaware & Raritan Canal, NJSWA
- Julie Shelley, Property & Permit Administrator, NJWSA
- Patricia Kalleser, Superintendent, Delaware & Raritan Canal State Park
- Meghan Baratta, Supervising Historic Preservation Specialist, DEP/SHPO

**PO BOX 539**

**STOCKTON, NJ 08559**

**609-397-2000**

**FAX 609-397-1081**

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