

# GENERAL PERMIT 1



**DRCC #:** 22-5914

**DATE:** September 22, 2022

**PROJECT NAME:** NJDOT Structure No. 1006-151 -- South Main Street Bridge over Swan Creek -- Emergency In-kind Repairs

**Latest Submission Received:** September 22, 2022

**Applicant:**

New Jersey Department of Transportation (NJDOT)  
951 Parkway Avenue  
Ewing, NJ 08625  
[Brendan.Brock@dot.nj.gov](mailto:Brendan.Brock@dot.nj.gov)

**Engineer:**

Yan Gao, P.E.  
Johnson, Mirman, & Thompson  
1200 Lenox Drive, Suite 101  
Trenton, NJ 08648

**Project Location:**

Road	Municipality	County	Block(s)	Lot(s)
South Main Street between Swan Street and Ferry Street	Lambertville City	Hunterdon	N/A	N/A

**Jurisdictional Determination:**

<b>Zone A</b>	<b>Minor</b>	<b>Governmental</b>
---------------	--------------	---------------------

**Documents Received:** Application received September 22, 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.

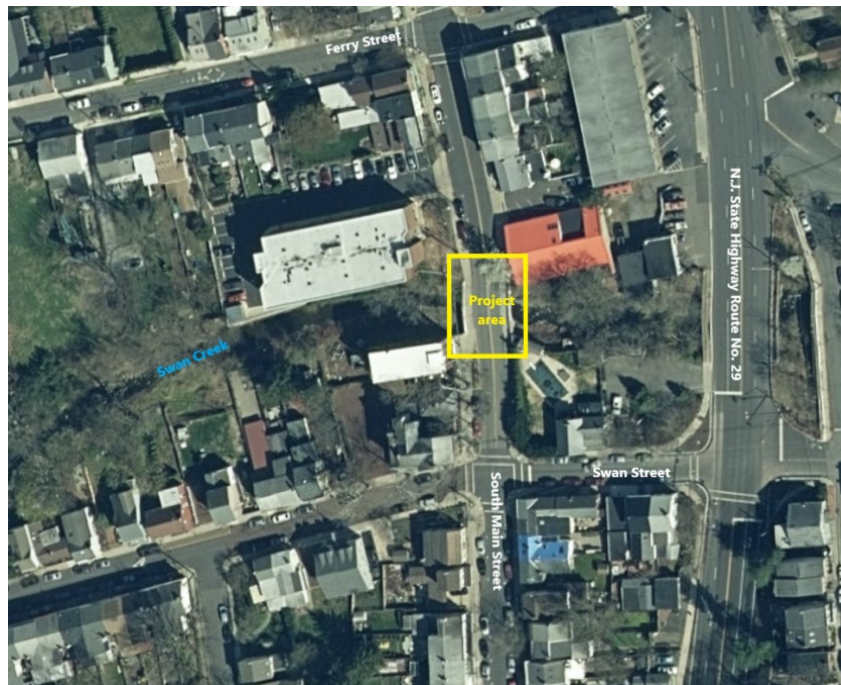
The project authorized under this general permit shall not be put to any use other than as specified in any approval authorizing its original construction. Projects authorized under

DATE: September 22, 2022

PROJECT NAME: NJDOT Structure No. 1006-151 -- South Main Street Bridge (cont.)

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 emergency repair work on the bridge that conveys South Main Street over Swan Creek in the City of Lambertville, Hunterdon County, located approximately 805 feet east of the Delaware and Raritan Canal and within Commission Review A.



NJDOT Structure No. 1006-151 is a single span reinforced concrete arch with fill that was constructed in 1918. The bridge is 40 feet in length and has an edge-to-edge width of 40.4 feet.



**DATE:** September 22, 2022

**PROJECT NAME:** NJDOT Structure No. 1006-151 -- South Main Street Bridge (cont.)

The applicant's submission states that the bridge abutment footing is undermined by a scour hole in front of the abutment. While the bridge is functional, the undermining of the footing threatens the integrity of the bridge, which may settle if the scour and undermined footing are not immediately repaired.

Accordingly, the NJDOT proposes to install the temporary cofferdam around the abutment and repair the south abutment first, followed by the north abutment. NJDOT specifically proposes to:

- Dewater the area, remove any debris and riprap, and clean undermining and scour area;
- Install grout bags as required to retain scour grout repair material underneath the south abutment footing;
- Pump grout into the undermining voids underneath the abutment footing and gaps between abutment and forms completely filled with grout;
- Install grout filled mattress scour countermeasure in front of abutment; and
- Remove the temporary cofferdam.

The project would not create and new impervious surface coverage and would disturb 2,282 square feet (0.052 acre) of land.

**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.

**Expiration Date:** September 22, 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.

**DRCC#:** 22-5914

4

**DATE:** September 22, 2022

**PROJECT NAME:** NJDOT Structure No. 1006-151 -- South Main Street Bridge (cont.)

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

Sincerely,

A handwritten signature in black ink, appearing to read "John Hutchison". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

John Hutchison  
Executive Director

- c. Lambertville City Construction Office  
Patricia Kallesser, Superintendent, Delaware & Raritan Canal State Park  
Jesse West-Rosenthal, Ph.D., Historic Preservation Specialist 2, DEP/SHPO