



STATE OF NEW JERSEY  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
*(See Issuing Division below)*  
P E R M I T



The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to the further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit.

Permit Nos. 2121-05-0001.1 JHA 050001 SEP 2121-05-0001.1 FWW 050001 GP No. 10A 2121-05-0001.1 FWW 050002 GP No. 11	Application No.
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Issuance Date <b>AUG 1 1 2005</b>	Effective Date <b>AUG 1 1 2005</b>	Expiration Date <b>AUG 1 1 2010</b>
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Name and Address of Applicant NJDOT 1035 Parkway Ave. P.O. Box 600 Trenton, NJ 08625	Name and Address of Owner	Name and Address of Operator
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Location of Activity/Facility (Street Address) Route 57 M.P. 10.16 Town: Washington County: Warren Lot No.: N/A                      Block No.: N/A	Issuing Division  Land Use Regulation Program	Statute(s) NJSA 13:1D-1 NJSA 13:9B-1 NJSA 58:10A-1 NJSA 58:16A-50, et. seq.
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Type of Permit    Stream Encroachment Freshwater Wetlands	Maximum Approved Capacity, if applicable
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**This permit grants permission to:**

construct a 47 linear foot, 3.5ft. span by 3.0ft. high, 3-sided open bottom concrete box culvert, along with associated footings, abutments, and wingwalls to replace an existing 3-sided concrete culvert, over an unnamed tributary to Shabbecong Creek, in connection with the construction of roadway improvements, two outfall structures, and one gas main crossing underneath said watercourse, along Route 57, located approx. 250ft., westerly of the intersection of Route 57 and Ramapo Way, in the Borough of Washington, Warren County, New Jersey. This Permit also approves the disturbance of 0.201 of an acre of State open water and freshwater wetland transition area under General Permit No. 10A for the widening of Route 57 and the disturbance of 0.04 of an acre of Freshwater wetlands and transition area under General Permit No. 11 for the installation of the two outfall structures.

Prepared By:   
 Chingwah Liang  
 (See page 6 for Section Chief's signature.)

Revised Date	Approved by the Department of Environmental Protection	
	Name (Print or Type) _____	Title _____
	Signature _____	Title _____

### Terms and Conditions

**This permit is subject to the following terms and conditions:**

1. This permit is revocable, or subject to modification or change at any time, pursuant to the applicable regulations, when in the judgement of the Department of Environmental Protection of the State of New Jersey such revocation, modification or change shall be necessary.
2. The issuance of the permit shall not be deemed to affect in any way action by the Department of Environmental Protection of the State of New Jersey on any future application.
3. The works, facilities, and/or activities shown by plans and/or other engineering data, which are this day approved, subject to the conditions herewith established, shall be constructed and/or executed in conformity with such plans and/or engineering data and the said conditions.
4. No change in plans or specifications shall be made except with the prior written permission of the Department of Environmental Protection of the State of New Jersey.
5. The granting of this permit shall not be construed to in any way affect the title or ownership of property, and shall not make the Department of Environmental Protection or the State a party in any suit or question of ownership.
6. This permit does not waive the obtaining of Federal or other State or local government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained.
7. A copy of this permit shall be kept at the work site, and shall be exhibited upon request of any person.
8. In cases of conflict, the conditions of this permit shall supersede the plans and/or engineering data.
9. **Limit and Extent of Approval**
  - a. This approval grants permission to the applicant and/or its agents to undertake an activity regulated by the State of New Jersey as described by the text of this permit and as detailed by the herein approved plans. Any construction, grading, removal of vegetation, or other activity at this site within or affecting a regulated flood plain, other than specifically approved by this permit or as detailed by the approved drawings, shall require additional approvals from the Department. The commencement of such regulated activities without the appropriate approvals shall be in violation of State law.
  - b. All activities authorized by this permit shall be completed within five years of the issuance date as listed on the first page of this document. At that time, this approval, if not previously revoked, shall automatically become null and void, and none of the activities referenced herein may commence or continue until a new approval has been granted by the Department.

## Terms and Conditions

### 10. Method of Construction

- a. All activities approved by this permit shall be performed under the supervision and direction of a Professional Engineer licensed in the State of New Jersey, and shall be undertaken using the best management practices available. Furthermore, the site shall be subject to inspection at any time by representatives of the Department to ensure the continuous application of the provisions of this permit.
- b. During the course of construction, neither the applicant nor its agents shall cause or permit any unreasonable interference with the free flow of the stream by placing or dumping any materials, equipment, debris or structures within or adjacent to the stream corridor. Upon completion or abandonment of the work, the applicant and/or its agents shall remove and dispose of in a lawful manner all excess materials, equipment and debris from the stream corridor and adjacent lands.
- c. All activities authorized by this permit shall be stabilized in accordance with the *Standards for Soil Erosion and Sediment Control in New Jersey* (obtainable from local Soil Conservation District offices), or equal engineering specifications, to prevent eroded soil and sediment from entering adjacent waterways and wetlands at any time during and subsequent to construction. The Department reserves the right to order the suspension of any activity if unacceptable levels of erosion or turbidity result from the same. Furthermore, the applicant shall maintain the stream corridor as shown on the approved drawing/s for either such time as is required for the channel and/or banks to become reasonably stabilized, or for one year after completion of the project (as evidenced by a Certificate of Completion), whichever period of time is longer.

### 11. Responsibilities of Applicant

- a. The granting of this permit does not in any way relieve the applicant and/or its agents from the responsibility for damages caused by any construction or activities hereby approved, nor does the Department accept responsibility for any structural designs.
- b. No construction authorized by this permit may begin until the enclosed **permit acceptance form** has been signed by the applicant and is returned to the Department. By signing and submitting this form, the applicant accepts this permit in its entirety and agrees to adhere to all of its terms and conditions. Please be advised that this permit may be declared null and void should it be determined that adequate measures had not been taken by the applicant and/or its agents to ensure the continuous implementation of these terms and conditions.
- c. Within ten (10) days of the receipt of this permit by the applicant, this permit shall be recorded in its entirety in the office of the County Clerk or the Registrar of Deeds and Mortgages for each county where this permit is located. Verified notice of this action shall be forwarded to the Department immediately thereafter.
- d. The enclosed **construction notice** shall be completed by the applicant or its agent and submitted to the Department at least fourteen (14) days prior to the commencement of the herein approved activities.
- e. The enclosed **completion report** shall be completed by a Professional Engineer licensed in the State of New Jersey and submitted to the Department within thirty (30) days after completion of the herein approved activities.

### Terms and Conditions

12. All excavated material must be disposed of in a lawful manner outside of any regulated flood plain, open water, freshwater wetlands or adjacent transition areas, and in such a way as to not interfere with the positive drainage of the receiving area.
13. Any discharge of dredged or fill material must consist of clean, suitable material free from toxic pollutants (see 40 CFR 401) in toxic amounts, and must comply with all applicable Department rules and specifications regarding use of dredged or fill materials.
14. In order to protect the downstream trout fishery resource and their recreational use within the unnamed tributary to Shabbecong Creek, any proposed grading or construction activities within the banks of this or any other watercourse on site are prohibited between **March 15** and **June 15** of each year. In addition, any activity within the 100-year flood plain or flood hazard area of this watercourse that could introduce sediment into said watercourse or that could cause an increase in the natural level of turbidity is also prohibited during this period. The Department reserves the right to suspend all regulated activities on site should it be determined that the applicant has not taken proper precautions to ensure continuous compliance with this condition.
15. **Prior to construction**, workers must survey the project site for the presence of turtles. Any turtles found within the project site must be relocated to a safe area along the Shabbecong Creek. Immediately following the survey, the construction site must be encompassed by silt fence or other small-meshed fencing to prevent turtles from re-entering the area during construction.
16. Dewatering of cofferdams or other construction areas must include properly sized temporary sediment basins or other filtering methods to reduce turbidity. The stream area to receive return water discharged from cofferdams must be encompassed by turbidity barrier. The turbidity barrier must be located parallel to the stream banks and anchored to the shoreline to maintain free flow of the stream center. In order to avoid obstruction of stream flows or fish passage, turbidity barriers must not be placed across the stream channel.
17. Any and all precautions must be taken to prevent raw concrete [e.g. footings / abutments] from coming in contact with the waters of the unnamed tributary to Shabbecong Creek (*raw concrete is toxic to aquatic biota*).
18. Areas of temporary excavation must be restored with native, indigenous species. The stream bank must be restored with native vegetation and stabilized with the use of bioengineering materials, such as biologs, fiber matting, etc., except where rip-rap is required.
19. In order to maintain adequate in-stream fish movement and a low flow in-stream feature, rip-rap and concrete must not be placed within the bottom of the unnamed tributary to Shabbecong Creek.
20. Native substrate shall be stockpiled in order to be used as cover material. This material shall also be used to re-establish in-stream shape and contours.

### Terms and Conditions

#### 21. Provisions of the Freshwater Wetlands Statewide General Permits Nos. 10A and 11

This portion of the permit authorizes the temporary disturbance of 0.003 of an acre of State open waters and the permanent filling of 0.038 of an acre and temporary disturbance of 0.160 of an acre of transition area for the widening of Route 57 to provide a sidewalk crossing over the unnamed tributary to Shabbecong Creek under General Permit No. 10A. This portion of the permit also authorizes the filling of approximately 0.008 of an acre of freshwater wetlands and the temporary disturbance of approx. 0.001 of an acre of wetlands and the permanent impact of 0.016 of an acre and temporary disturbance of 0.015 of an acre of wetland transition area for the installation of wingwalls for stormwater outfalls at the upstream face of the new culvert under General Permit No. 11. The authorization of activities under this Freshwater Wetlands Statewide General Permit includes a transition area waiver which allows encroachment only in that portion of the transition area which has been determined by the Department to be necessary to accomplish the authorized activities. Any additional disturbance of wetlands, transition areas and/or State open waters shall be considered a violation of the Freshwater Wetlands Protection Act unless the activity is exempt or a permit is obtained prior to the start of the disturbance from the Land Use Regulation Program. In addition, this permit to conduct a regulated activity in a wetland or open water includes the Department's approval of a Water Quality Certificate for these activities.

- a. The upper-most 18-inches of any temporary trench excavation must be backfilled with the original native streambed material, and otherwise with clean suitable material free from toxic pollutants (see 40 CFR 401) in toxic amounts, and shall comply with all applicable Department rules and specifications regarding use of dredged or fill material. Excavations must be backfilled to the preexisting elevation, where feasible.
22. This permit does not authorize the temporary use of any wetlands or transition areas beyond the limits of the proposed work other than specifically approved by this permit or as detailed by the approved drawings. Such use of regulated areas applies to the storage or staging of construction materials (including debris/spoil piles), equipment, and workers' vehicles. The applicant must direct the contractors to locate all staging and storage areas outside of wetlands and wetland buffers not approved for use by this permit.
23. The drawings hereby approved are eighteen (18) sheets prepared by STV Incorporated, dated August 4, 2005, unrevised, unless otherwise noted, entitled:

"STATE OF NEW JERSEY DEPARTMENT OF TRANSPORTATION PLANS OF ROUTE 57, FROM TERRACE STREET TO RAMAPO WAY, CONTRACT NO. 010028092, CULVERT REPLACEMENT, BOROUGH OF WASHINGTON, WARREN COUNTY", sheet no. 1 of 18

"NEW JERSEY DEPARTMENT OF TRANSPORTATION - ROUTE 57 CONTRACT NO. 010028092"

"TYPICAL SECTIONS", sheet no. 2 of 18

"CONSTRUCTION PLAN", sheet nos. 3, 4 and 5 of 18

"PROFILES", sheet no. 6 of 18

**Terms and Conditions**

"GRADES", sheet no 7 of 18

"ENVIRONMENTAL PLAN", sheet no. 8 of 18

"METHOD OF SECTION", sheet no. 9 of 18

"STREAM CROSS SECTIONS, EXISTING CULVERT", sheet nos. 10, 11 and 12 of 18

"STREAM CROSS SECTIONS, PROPOSED CULVERT", sheet nos. 13, 14 and 15 of 18

"CONSTRUCTION DETAIL", sheet no. 16 of 18

NEW JERSEY DEPARTMENT OF TRANSPORTATION BUREAU OF STRUCTURAL  
ENGINEERING-ROUTE 57, SECTION \_\_\_\_\_ BOROUGH OF WASHINGTON,  
MUNICIPALITY WARREN COUNTY"

"GENERAL PLAN AND ELEVATION", sheet no. 17 of 18

"CULVERT DETAILS", sheet no. 18 of 18



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Madhu M. Guru, PE  
Section Chief  
Land Use Regulation

8/11/05  
Date