



Jim Nash

June 1, 2018

Mr. Steven Vandette, P.E., City Engineer
City of Troy Engineering Department
500 West Big Beaver
Troy, MI 48084

Reference: **Permit # 201800613**
Lane Drain
Troy SOX Demonstration Project
Part of the Southeast ¼ of Section 21, City of Troy

Dear Mr. Vandette:

This office has completed a review of SOX Demonstration Project that will take place on the Troy City Hall campus.

Our review indicates the following:

1. The proposed project will involve the Lane Drain, a legally established County Drain established under the Michigan Drain Code and maintained by this office on behalf of the Lane Drain Drainage District. A drain permit for the work is required and has been prepared by this office.
2. Installation of 50 feet of Shoresox product for bank stabilization along the South side of the Lane Drain within the Troy City Hall Campus.
- A. Before any construction affecting the aforementioned County Drain begins, a WRC bonded contractor must obtain an Oakland County Drain Inspection Permit.

The following are new bonding requirements of the Oakland County Water Resources Commissioner's Office for all County Drain permit work:


- 1) \$5000 surety bond on WRC form DC-443 available online at"
http://www.oakgov.com/water/assets/docs/om_surety_bond_form.pdf
 - 2) \$500 cash bond posted at WRC (refundable)
 - 3) Liability insurance naming WRC as additional insured
- This is additional insurance from the City of Troy requirements
- B. All fees will be waived for this demonstration project
 - C. Inspection will be done by Troy Engineering Department Inspector. However, OCWRC staff would like the opportunity to witness installation as well as preview the finished project.



- D. That flow is maintained in the Drain at all times during construction.
- E. That the Water Resources Commissioner, the County of Oakland, and the Lane Drainage District are held harmless from all costs, suits and damages which may arise out of the proposed construction.
- F. That this final conditional approval will not relieve the applicant and/or his contractor of the responsibility of obtaining permits, approvals or clearances as may be required from federal, state or local authorities, the public utilities and private property owners.
- G. That related earth disruption conforms to applicable requirements of Part 91, Soil Erosion and Sedimentation Control of the Natural Resource and Environmental Protection Act, Act 451 of the Public Acts of 1994. Application should be made to the City of Troy.

If there are any questions regarding this matter, please contact Joel Kohn at 248-858-5565 of this office.

Sincerely,



Glenn Appel, P.E.
Chief Engineer

C: Lane Drain File /3.5

