



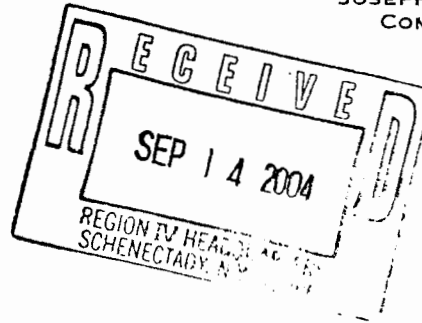
STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
328 STATE STREET
SCHENECTADY, N.Y. 12305

THOMAS C. WERNER, P.E.
REGIONAL DIRECTOR

JOSEPH H. BOARDMAN
COMMISSIONER

September 10, 2004

Mr. William Clarke, Permit Administrator
Ms. Carol Lamb-LaFay, Division of Water
Mr. Tom Reynolds, Division of Solid Waste
NYSDEC Region 4
1150 N. Westcott Road
Schenectady, NY 12306



RE: Saltkill Sampling and Testing Plan

Dear Mr. Clarke, Ms. Lamb-LaFay, and Mr. Reynolds:

As discussed at our meeting on June 16, attached is a Sampling and Testing Plan for the Saltkill dredging project which NYSDOT is planning to implement. I am requesting a con-current review by your Division of Environmental Permits, Division of Water and Division of Solid Waste, as we are now trying to expedite a portion of the dredging project as described below for construction this fall.

We now have a certified laboratory on board (Upstate Laboratories Inc.) to do the sampling and testing. Results of sampling will be coordinated with NYSDEC to continue to determine appropriate procedures and locations for the management of the stream waste material.

The entire project to dredge the approximately 2500 feet of the Saltkill will not be implemented this year. It is anticipated this project will be implemented next year, and involve approximately 1000 cubic yards of stream sediment removal. However, will be doing a portion of the project this fall: cleaning the Twin Box Culvert at Tibbits Place and cleaning the Saltkill stream sediment for 100 feet upstream and downstream of this culvert. This project will involve approximately 250 cubic yards of stream sediment removal. This project is considered vital to protect the adjacent properties from flooding, as the sediment has built up in this area to make the stream and culvert almost impassable.

The attached Sampling and Testing Plan addresses sampling along the larger project area, and will give us baseline results in order to plan for the larger project. It will also give us specific results so that we can move forward to implement the Tibbits Place sediment removal project in October. Also attached for your information are Plan and Profile sheets showing the Saltkill Drainage Channel and specifically showing the work location, description, and photos of the Tibbits Place project.

NYSDOT is requesting an expedited review of this information, so that we can implement the Sampling and Testing Plan as soon as possible, and proceed with final plans and construction of the project in October. Your cooperation in this is appreciated.

If you have any questions, comments or require further information, please contact me at (518) 388-0412 or by e-mail phoward@dot.state.ny.us.

Sincerely,

A handwritten signature in cursive script, appearing to read "Peter I. Howard", written over a horizontal line.

Peter I. Howard
Maintenance Environmental Specialist

PIH
Attachments

cc: J. DiFabio, Regional Transportation Maintenance Engineer, NYSDOT Region One
M. Johnson, Albany County Resident Engineer, NYSDOT Region One
M. Roma, NYSDOT Environmental Analysis Bureau

SAMPLING AND TESTING PLAN SALTKILL – ALBANY COUNTY

Sediment Core Samples will be taken at 12 locations along the approximately 2500 feet of stream, as shown on the attached Aerial Photo/Map. The 12 locations represent a linear distribution along the stream as well as sampling at three culvert locations and just upstream and downstream of those culverts where there is sediment concentration. Two samples will be taken at each location as follows:

Sample A: At proposed excavation depth for immediate testing

Sample B: At 6" below excavation depth for archiving

Composites will be made of every 3 samples so that 4 Composites will be produced for testing and archiving. As per guidelines, this amount of sampling appeared to be appropriate based on length of stream and amount of sediment to be managed.

A low turbidity Grab Water Sample (6A) will also be tested.

Note: we do not anticipate Riparian Disposal.

Samples will be analyzed for:

- full TCLP, ignitability, pH, and TPH, and
- Pesticides/PCBs (8081/8082), VOCs (8260B), SVOCs (8270C; incl Carbazole), RCRA Metals, Sb, Ni, Tl, V, Zn, Cr (VI), Total Cyanide.



0 100 200 400 600 800 Feet

FIGURE 1. SALTKILL SEDIMENT/WATER SAMPLING LOCATIONS

2004 SALTKILL DRAINAGE CHANNEL
ALBANY COUNTY

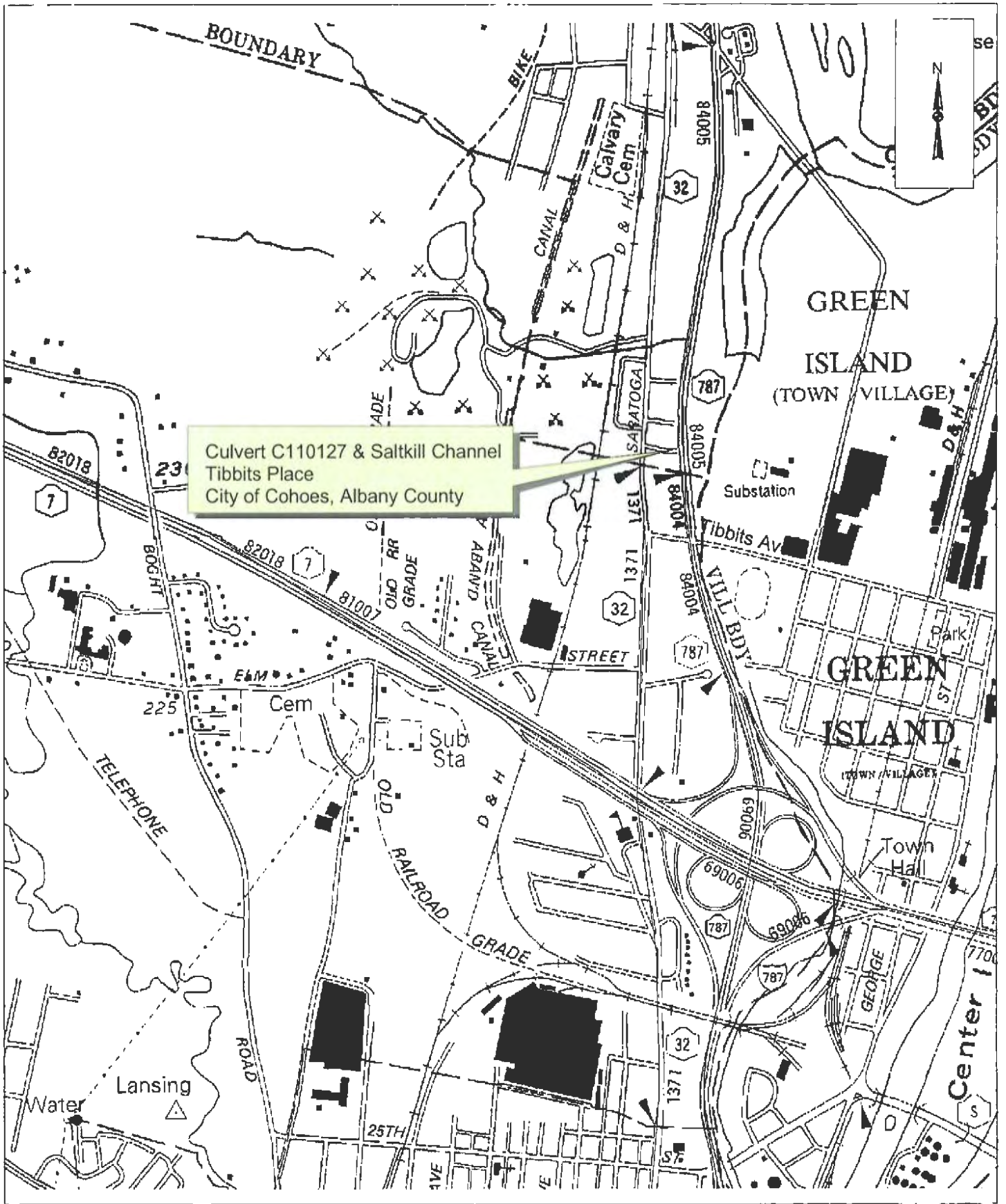
PROPOSED SCOPE OF WORK

The intent of work proposed under this NYSDOT project is to clear debris, clean and regrade the Saltkill channel along this section of the Saltkill.

The project is being developed to address flooding conditions along the residential properties which are in the vicinity of the channel due to the debris and sediment in the channel and culvert.

The work site is located at the dead end of Tibbits Place at Culvert C110127 (Twin 10' x 3' @ 70' long concrete box culverts.)

The proposed work is to clean the existing culverts, and approximately 100' of the channel upstream and downstream from the culvert.



2004 REGION 1 HIGHWAY WORK ORDER CONTRACT

PIN 1806.91.301 D259580



Saltkill 5-6-04 Twin 3x10 inlet



Saltkill 5-6-04 Twin 3x10 outlet area