

**ATTACHMENT 3**

**PERMITS**

Application is hereby made for a highway work permit:

Name Attn: John Suloway - New York Power Authority  
Address 123 Main Street  
City White Plains State NY Zip 10601-3170

For Joint application, name and address of Second Applicant below:

Name National Grid - Attn: Mike King  
Address 300 Erie Boulevard West  
City Syracuse State NY Zip 13202-4250

Charge Account Code \_\_\_\_\_  
Federal I.D. No. or Social Security No. \_\_\_\_\_  
Applicant Telephone # \_\_\_\_\_  
Contact person in case of emergency \_\_\_\_\_  
(include telephone number) \_\_\_\_\_

Project Identification No. \_\_\_\_\_  
Highway Work Permit No. \_\_\_\_\_

RETURN PERMIT TO: (IF DIFFERENT FROM ABOVE)

Name John Suloway  
Address NYPA 123 Main Street  
City White Plains State NY Zip 10601

RETURN OF DEPOSIT/BOND TO: (COMPLETE ONLY IF DIFFERENT FROM PERMITTEE)

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

- Estimated cost of work being performed in state highway right-of-way \$ \_\_\_\_\_
- Anticipated duration of work: From September 20 05 thru September 20 08, to apply to the operation(s) checked below:
- Protective Liability Insurance covered by Policy No. \_\_\_\_\_; expires on \_\_\_\_\_ 20 \_\_\_\_\_
- A \$20.00 fee will be charged for checks returned by bank.

CHECK TYPE OF OPERATION	PERMIT FEE				TOTAL	INSURANCE Show PERM 17 or Undertaking on file	Indicate Account Number if Permit Fee Charged	Guarantee Deposit Check/Bond Amount	Check or Bond Number
	Base Fee	Indicate No. Feet/Poles	Times Unit Rate	Sub- Total					
1. <input type="checkbox"/> Original installation									
a. <input type="checkbox"/> Underground									
1. <input type="checkbox"/> Excavating, tunneling, boring installing, etc.	\$ 32		\$ .32/ft.						
2. <input type="checkbox"/> Commercial service sub-surface connection	32		.32/ft.						
3. <input type="checkbox"/> Residential service sub-surface connection	32		.32/ft.						
b. <input checked="" type="checkbox"/> Overhead									
1. <input checked="" type="checkbox"/> Erecting poles, towers, etc.	63		2.50/Unit						
2. <input checked="" type="checkbox"/> Running new lines	63	125 -							
3. <input type="checkbox"/> Commercial service connections	19	213							
4. <input type="checkbox"/> Residential service connection	19								
c. <input type="checkbox"/> On Bridges and Culverts									
1. <input type="checkbox"/> Regular installation	63								
2. <input type="checkbox"/> Requiring structural changes	625								
d. <input type="checkbox"/> Telephone Booths									
1. <input type="checkbox"/> Along interstate highways	63								
2. <input type="checkbox"/> Along State highways	63								
2. <input type="checkbox"/> Maintenance									
a. <input type="checkbox"/> Single job Repairing, making replacements, relocation, performing herbicide work, etc. (Indicates footage or poles although no additional fee)	32								
b. <input type="checkbox"/> Annual Per Region Per County Includes tree work and other work permitted as single jobs. (Department must be notified each time work is to be performed)	2500 625								
c. <input type="checkbox"/> Repair of water or sewer lines	32								
d. <input type="checkbox"/> D.O.T. requested maintenance	N/C								
3. <input type="checkbox"/> After original construction									
a. <input type="checkbox"/> Annual - includes overhead connections Per Region Per County	2500 625								
b. <input type="checkbox"/> Relocation - D.O.T. requested	N/C								
c. <input type="checkbox"/> Commercial service sub-surface connection	32		.32/ft.						
d. <input type="checkbox"/> Commercial service overhead connection	19								
e. <input type="checkbox"/> Residential service sub-surface connection	32		.32/ft.						
f. <input type="checkbox"/> Residential service overhead connection	19								
4. <input type="checkbox"/> Miscellaneous	32								

PROPOSED WORK (BRIEF DESCRIPTION): Construction of 46 kV transmission line from either Stark or Newton Falls Terminating at Piercefield. Work will occur in NYS Route 3 and NYS Route 56. Local distribution poles will be replaced with new poles.

ATTACHED: Plans DEIS Specifications \_\_\_\_\_ LOCATION: State Route 3 and 56 State Highway \_\_\_\_\_  
between Reference Marker \_\_\_\_\_ and Reference Marker \_\_\_\_\_  
Town of: Clifton, Colton, Piercefield Parishville County of: St. Lawrence

SEQR REQUIREMENTS: (Check appropriate box)  
 Exempt  Ministerial  Type II  EIS or DEIS Lead Agency New York Power Authority

If project is identified to be ministerial, or TYPE II, no further action is required.  
If project is determined to be other than ministerial, exempt, or TYPE II, refer to M.A.P.7.12-2, Appendix A SEQR REQUIREMENTS FOR HIGHWAY WORK PERMITS.  
Acceptance of the requested permit subjects the permittee to the restrictions, regulations and obligations stated on this application and on the permit.  
Applicant Signature \_\_\_\_\_ Date \_\_\_\_\_ 20 \_\_\_\_\_.  
Second Applicant Signature \_\_\_\_\_ Date \_\_\_\_\_ 20 \_\_\_\_\_.  
Approval recommended \_\_\_\_\_ 20 \_\_\_\_\_. By Resident Engineer \_\_\_\_\_ Residency No. \_\_\_\_\_  
Approved \_\_\_\_\_ 20 \_\_\_\_\_. By Regional Traffic Engineer \_\_\_\_\_ Region No. \_\_\_\_\_

PERMIT IS ISSUED CONTINGENT UPON LOCAL REQUIREMENTS BEING SATISFIED.

# JOINT APPLICATION FOR PERMIT



New York State  
United States Army Corps of Engineers

Applicable to agencies and permit categories listed in Item 1. Please read all instructions on back. Attach additional information as needed. Please print legibly or type.

**1. Check permits applied for:**

**NYS Dept. of Environmental Conservation**

- Stream Disturbance (Bed and Banks)
- Navigable Waters (Excavation and Fill)
- Docks, Moorings or Platforms (Construct or Place)
- Dams and Impoundment Structures (Construct, Reconstruct or Repair)
- Freshwater Wetlands
- Tidal Wetlands
- Coastal Erosion Control
- Wild, Scenic and Recreational Rivers
- 401 Water Quality Certification
- Potable Water Supply
- Long Island Wells
- Aquatic Vegetation Control
- Aquatic Insect Control
- Fish Control

**NYS Office of General Services**  
(State Owned Lands Under Water)

- Lease, License, Easement or other Real Property Interest Utility Easement (pipelines, conduits, cables, etc.)
- Docks, Moorings or Platforms (Construct or Place)

**Adirondack Park Agency**

- Freshwater Wetlands Permit
- Wild, Scenic and Recreational Rivers

**Lake George Park Commission**

- Docks (Construct or Place)
- Moorings (Establish)

**US Army Corps of Engineers**

- Section 404 (Waters of the United States)
- Section 10 (Rivers and Harbors Act)
- Nationwide Permit (s) Identify Number(s) 12, 14

For Agency Use Only:  
DEC APPLICATION NUMBER

US ARMY CORPS OF ENGINEERS

**2. Name of Applicant (Use full name)** New York Power Authority (NYPA), Attn: John Suloway **Telephone Number (daytime)** 914/287-3971

**Mailing Address**  
Licensing Division 123 Main Street

**Post Office** White Plains **State** NY **Zip Code** 10601-3170

**3. Taxpayer ID (If applicant is not an individual)**

**4. Applicant is a/an:** (check as many as apply)  
 Owner  Operator  Lessee  Municipality / Governmental Agency

**5. If applicant is not the owner, identify owner here - otherwise, you may provide Agent/Contact Person information.**  
**Owner or Agent/Contact Person**  Owner  Agent /Contact Person **Telephone Number (daytime)** 914/287-3971  
John Suloway

**Mailing Address**  
NYPA Licensing Division 123 Main Street

**Post Office** White Plains **State** NY **Zip Code** 10601-3170

**6. Project / Facility Location (mark location on map, see instruction 1a.)**  
**County:** St. Lawrence **Town/City/Village:** Colton, Clifton **Tax Map Section/ Block /Lot Number:**

**Location (including Street or Road)** NYS Route 3 and 56 **Telephone Number (daytime)**

**Post Office** **State** **Zip Code** **7. Name of Stream or Waterbody (on or near project site)** Tribs. Raquette River

**8. Name of USGS Quad Map:** **Location UTM (Zone 18)**  
Childwold NYTM-E 519697 NYTM-N 4 909664

**9. Project Description and Purpose:** (Category of Activity e.g. new construction/installation, maintenance or replacement; Type of Structure or Activity e.g. bulkhead, dredging, filling, dam, dock, taking of water; Type of Materials and Quantities; Structure and Work Area Dimensions; Need or Purpose Served)

See attached Executive Summary and Stream Crossing Spreadsheet.

The Project will require construction of three rock ford crossings of two regulated streams for the Preferred Route. The two streams that will be crossed are regulated streams A15P910-581 and A15P910-1053. There are two crossings of stream A15P910-581.

**10. Proposed Use:**  Private  Public  Commercial **11. Will Project Occupy State Land?**  Yes  No **12. Proposed Start Date:** 9/2006 or 2007 **13. Estimated Completion Date:** 10/2008

**14. Has Work Begun on Project?** (If yes, attach explanation of why work was started without permit.)  Yes  No **15. List Previous Permit / Application Numbers and Dates:** (If Any) N/A

**16. Will this Project Require Additional Federal, State, or Local Permits?**  Yes  No If Yes, Please List:

**17. If applicant is not the owner, both must sign the application**  
I hereby affirm that information provided on this form and all attachments submitted herewith is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law. Further, the applicant accepts full responsibility for all damage, direct or indirect, of whatever nature, and by whomever suffered, arising out of the project described herein and agrees to indemnify and save harmless the State from suits, actions, damages and costs of every name and description resulting from said project. In addition, Federal Law, 18 U.S.C., Section 1001 provides for a fine of not more than \$10,000 or imprisonment for not more than 5 years, or both where an applicant knowingly and willingly falsifies, conceals, or covers up a material fact; or knowingly makes or uses a false, fictitious or fraudulent statement.

Date \_\_\_\_\_ Signature of Applicant \_\_\_\_\_ Title \_\_\_\_\_  
Date \_\_\_\_\_ Signature of Owner \_\_\_\_\_ Title \_\_\_\_\_

## EXECUTIVE SUMMARY

In response to initiatives of elected and municipal officials and interested citizens in the Tri-Lakes Region, an Agreement was executed in September 2004 by and among the villages of Lake Placid and Tupper Lake, Niagara Mohawk now also known as National Grid ("Niagara Mohawk"), and the New York Power Authority ("NYPA") to help alleviate longstanding power problems in the region through short- and long-term solutions. The proposed 46 kilovolt (kV) line is one of the long-term solutions identified by Niagara Mohawk and NYPA. The proposed line is to be located in the Adirondack Park in St. Lawrence County, New York. The purpose of the proposed Tri-Lakes Reliability Project ("Project") is to increase the reliability of the electric system in the region through improvements to capacity and delivery.

The Project is being developed as a cooperative effort between NYPA and Niagara Mohawk. NYPA is the applicant for all permits and approvals required for construction and operation of the new 46 kV line and associated facilities. Niagara Mohawk is responsible for design, engineering, procurement, construction, installation, testing, and overall project management. Niagara Mohawk will operate and maintain the new line after it is energized. NYPA will be owner of the line until 2012 at which time the line will be sold to Niagara Mohawk.

The need for the proposed Project is immediate and real. With certain exceptions, the major infrastructure that supplies electricity to the Tri-Lakes Region of New York State has not been upgraded or expanded since the late 1970s, although the demand for electricity has grown continuously. As a result, the existing electric system has reached its limit to reliably serve the load in the region. The result is frequent power outages during periods of high demand, which in this region often occur during the severely cold winter months. Section 1.1.2 of this Draft Environmental Impact Statement (DEIS) presents a discussion of project need.

To identify the most appropriate long-term solution to the reliability problem, Niagara Mohawk and NYPA reviewed a number of options, including construction of a power plant in the region and alternate routes for power delivery. The process was conducted with input from representatives of the Adirondack Park Agency, the New York State Department of Environmental Conservation, local municipalities, non-governmental organizations, local residents, and the general public, to ensure that the concerns of these parties were addressed in the siting and design process. The Tri-Lakes Reliability Project proposed in this DEIS was determined to be the best option to meet the needs of the region based on environmental, engineering, and economic considerations. Section 1.1.3 provides a discussion of the studies that were performed to identify the Preferred and Alternate Routes evaluated in this DEIS. Section 2 presents alternatives to the proposed action that were examined but not selected, along with the reasons why they were not selected.

The proposed 46 kV line along the Preferred Route will be approximately 26 miles long. Project facilities include 15.6 miles of overbuild,<sup>1</sup> carrying both existing electric distribution lines (less than 15 kV) and the new 46 kV line, located along existing distribution corridor and new 46 kV facilities within about 10.4 miles of new rights-of-way (ROW). The Preferred Route begins in Parishville, NY, at the proposed 115/46 kV Stark Falls Substation which will be constructed for this Project and will interconnect with the existing 115 kV system. The Preferred Route connects to a new regulator station near the existing Piercefield Substation where the line ends. The Alternate Route begins in Clifton, NY at a new 115/46 kV Newton Falls Substation and also ends at the Piercefield Substation. Wood pole structures will carry the facilities. Section 1.1.5 describes the proposed project facilities and ROW configurations.

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<sup>1</sup> Overbuild refers to combining the new 46 kV line and existing distribution lines on one set of wood pole structures.

This DEIS describes existing conditions within the anticipated Project Area and identifies the potential impacts of project construction and operation. Existing conditions are described in Section 3. In general, the Project Area land use is forested rural lands, on rolling to steep topography with development around small communities like Newton Falls, Cook Corners, Sevey Corners, Childwold, and Piercefield. The effects of construction and operation are discussed in Sections 4 and 5, respectively, along with any proposed techniques for impact mitigation.

During construction of the proposed 46 kV line, impacts will generally occur in the immediate vicinity of the ROW. Project construction will affect resources such as forest lands, wetlands, and wildlife habitat. However, these impacts are anticipated to be mitigated through the careful placement of project facilities and the use of appropriate construction techniques. Construction will also result in certain noise and fugitive dust, air emissions, and increase in local traffic, associated with ROW clearing and preparation and structure placement and stringing of conductors. However, these impacts will be short-term and minimized by the timing of these activities (weekdays and winter months) and continuous movement of construction activities along the ROW.

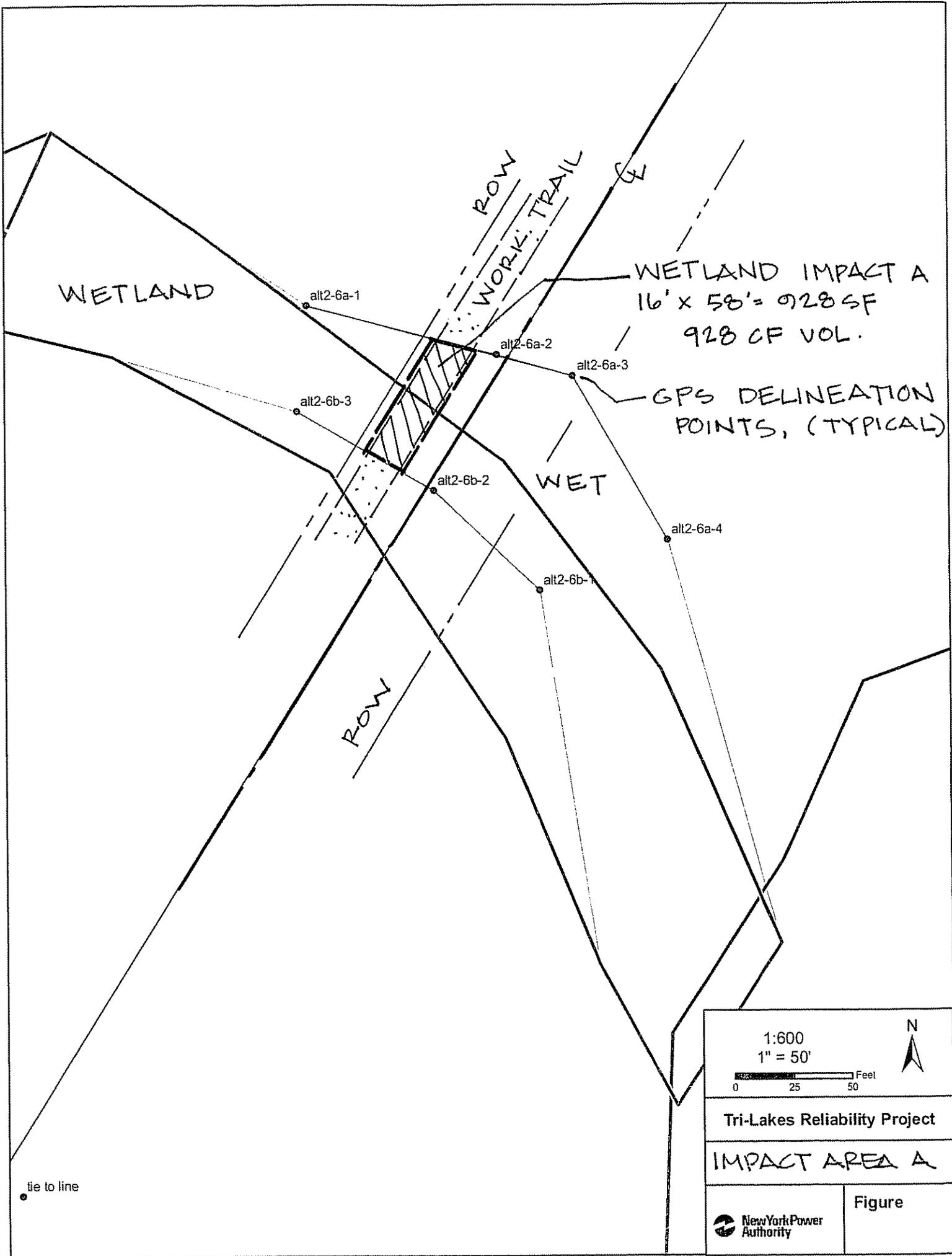
During operation, occasional limited impacts will occur as a result of inspection and maintenance or due to storm restoration of damaged facilities. The most significant operational impact is the potential for incremental long-term visual effects. The majority of the Preferred Route is located along existing highway/utility corridors and will be overbuilt with existing utilities in approximately the same location as existing structures. Portions of the route that are not following existing ROW are primarily not visible to the general public. Using wood poles (similar to existing structures) along existing corridors and minimizing new corridors will significantly reduce potential impact. Careful structure placement and appropriate ROW vegetation management should further reduce potential visual impact.

The 46 kV line ROW, regulator station, and substation sites have been carefully chosen to minimize the potential for adversely affecting sensitive resources. Final pole placement within the ROW will minimize impacts on sensitive resources such as wetlands. Where avoidance of sensitive resources is not possible, construction techniques, as described in the Environmental Work Plan (EWP) in Appendix E, will be employed to minimize impacts.

Project operation is anticipated to have a beneficial effect on the Tri-Lakes Region. The Project will enhance the reliability of the power delivery system in the villages and the region and should significantly reduce the number of power outages in the area. Benefits of increased reliability include fewer outages during the winter when the loss of heat can create significant public safety concerns, fewer lost days of school, and fewer losses to area businesses from closure due to outages.

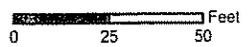
This Project is being developed in compliance with applicable state and federal environmental regulations, including review under the State Environmental Quality Review Act (SEQRA) and the Adirondack Park Agency Act. To ensure that state and local environmental concerns and issues over this proposed action are addressed in this document, a series of scoping (public information) meetings were held with local officials, representatives of the Adirondack Park Agency and New York State Department of Environmental Conservation, various non-governmental organizations, and the public at large. Based on those meetings and discussions, a scoping document (Appendix G) was developed that provided the basic outline for the environmental studies that were conducted for and the discussions that are presented in this DEIS.





1:600

1" = 50'

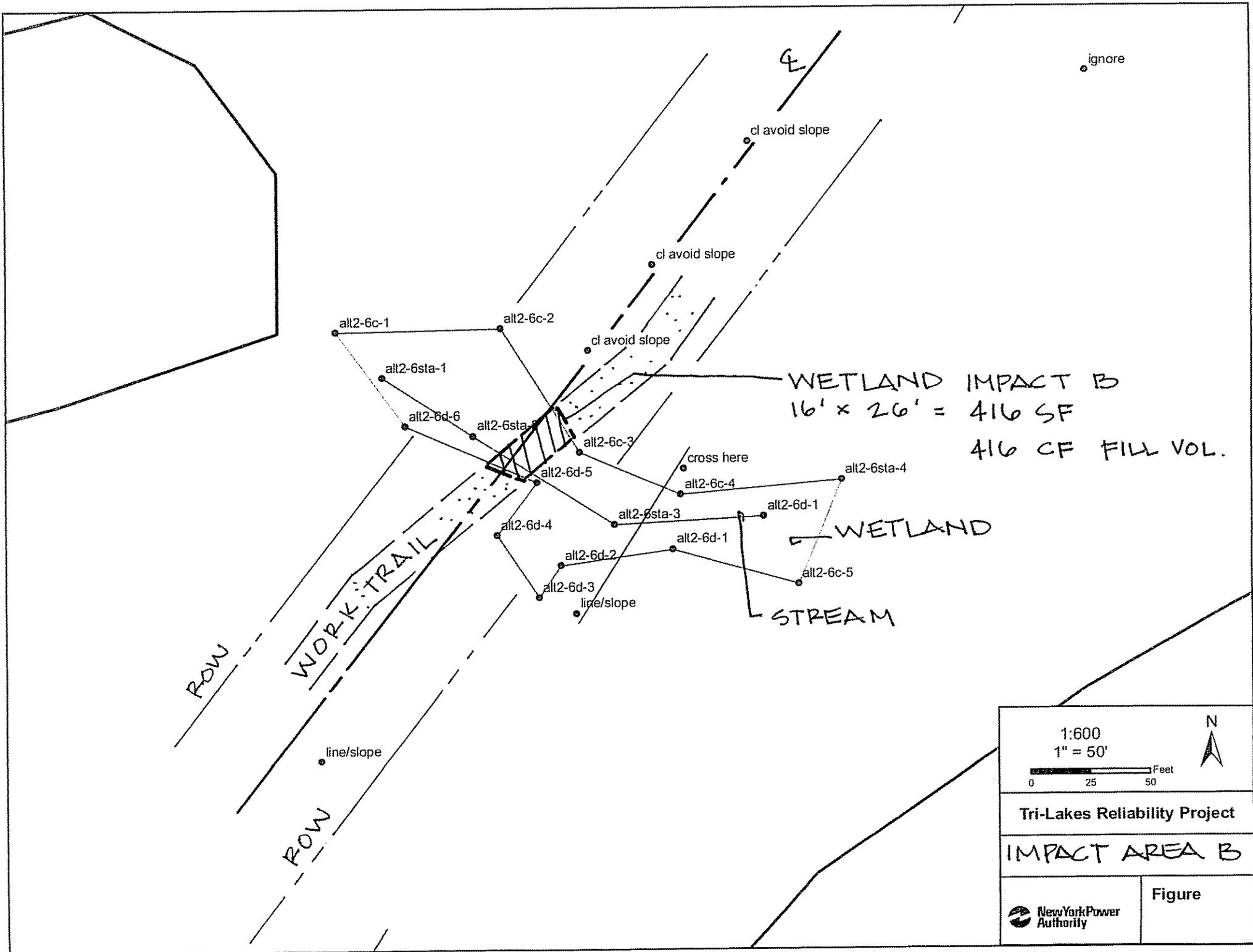


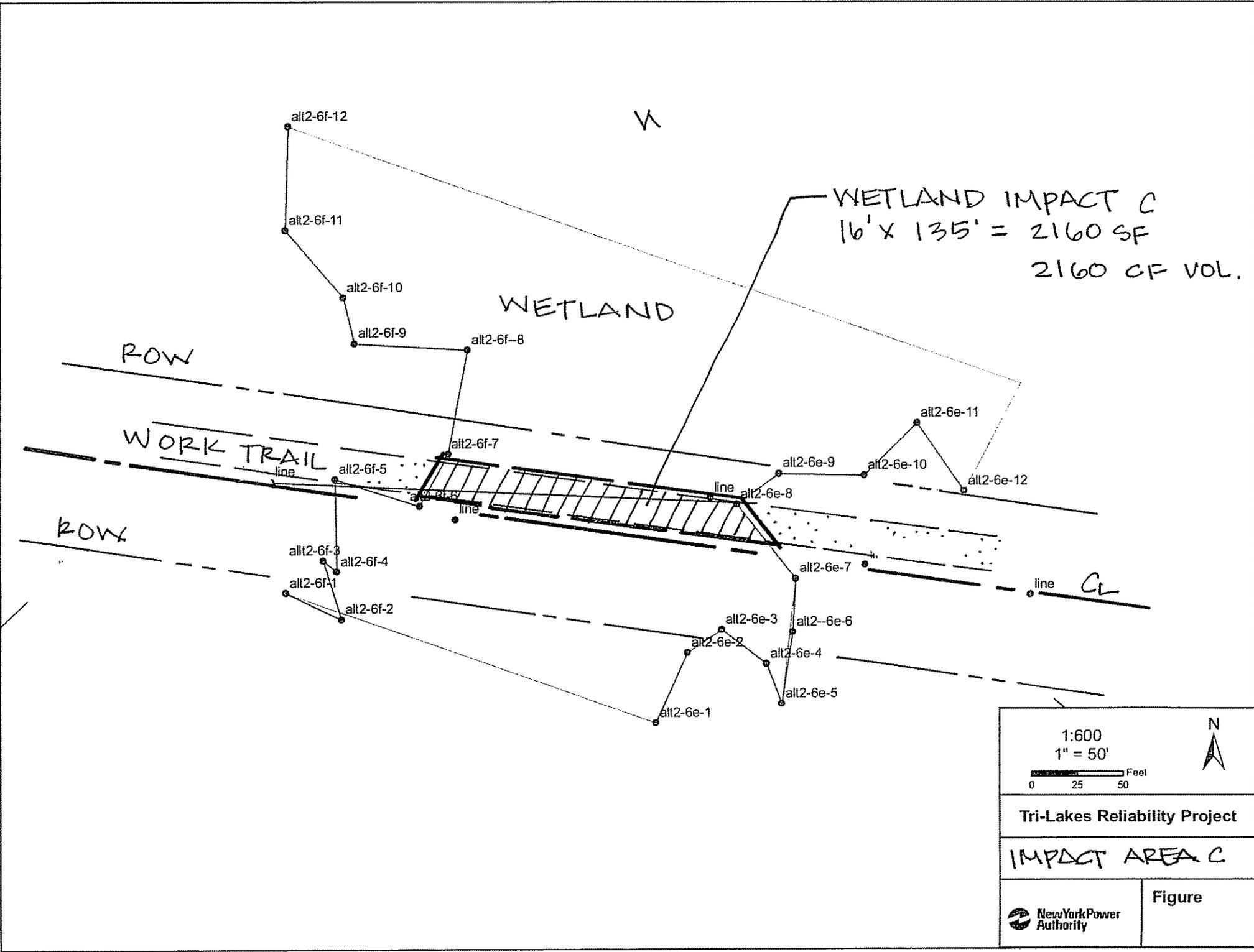
Tri-Lakes Reliability Project

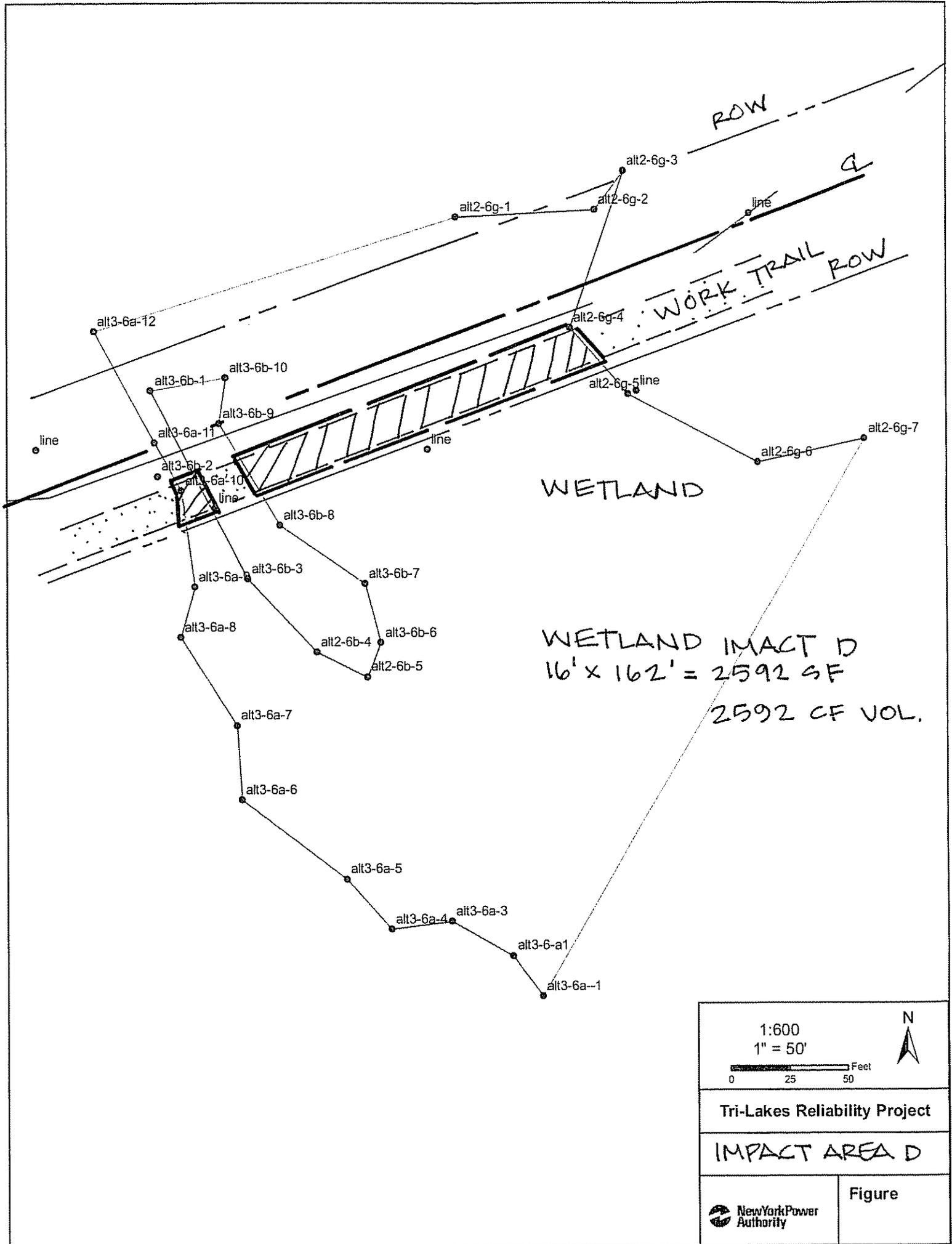
IMPACT AREA A



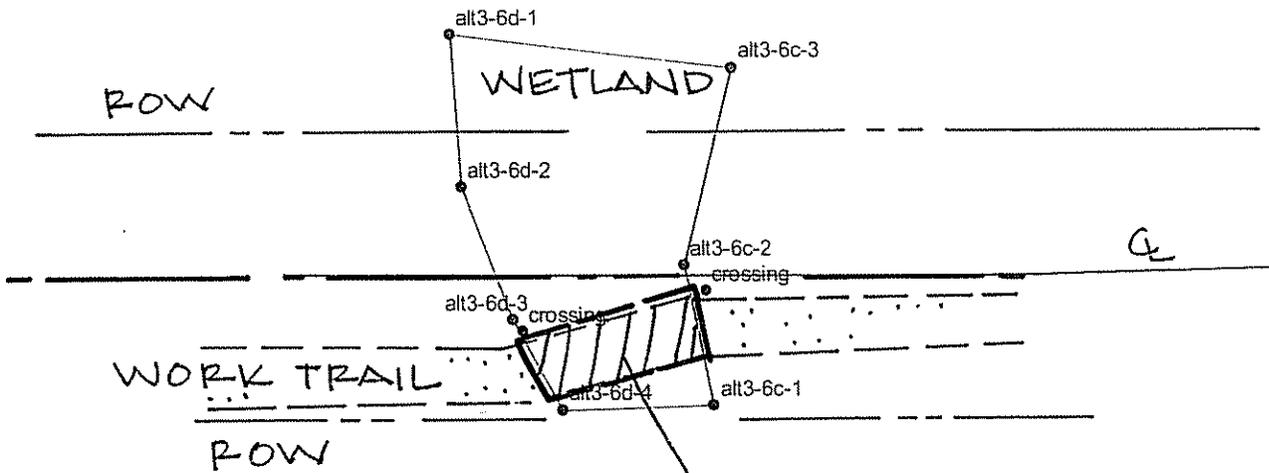
Figure







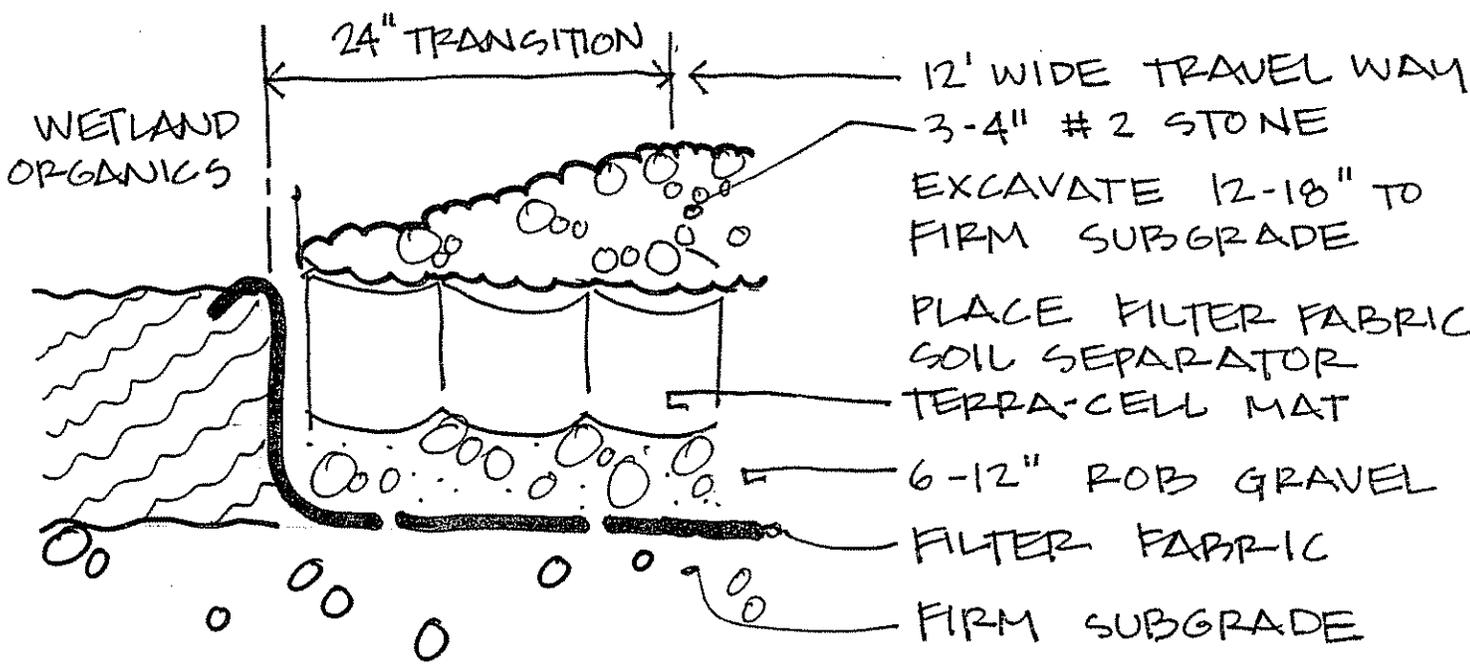
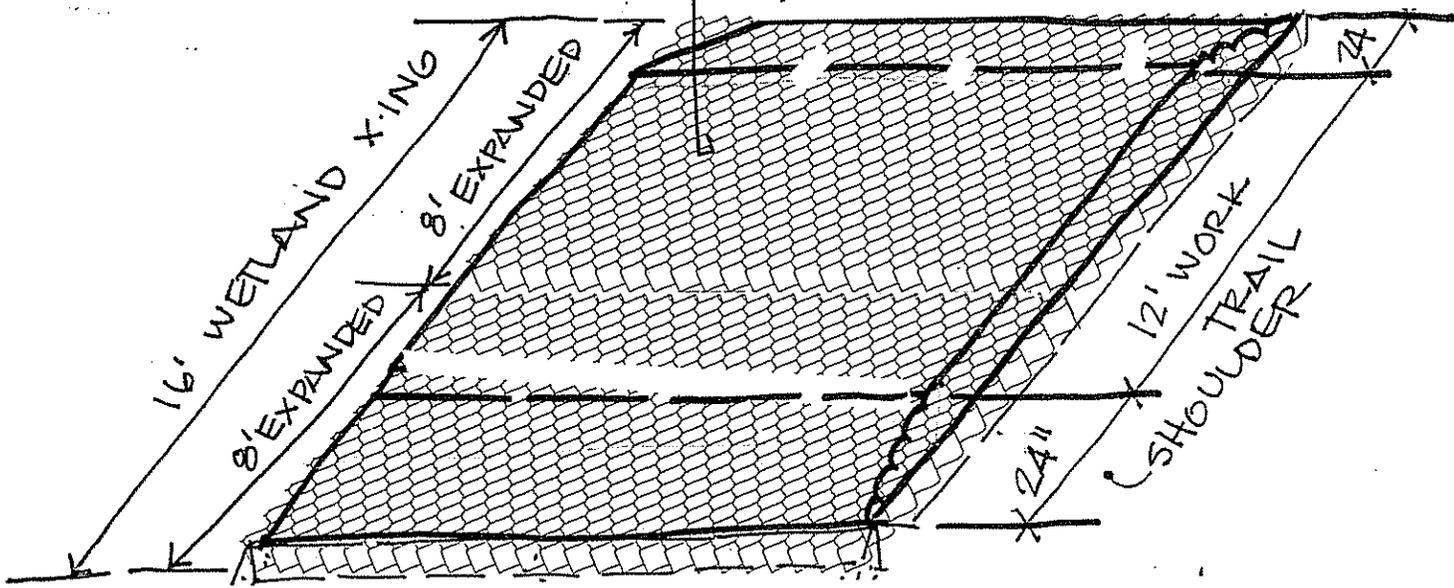
<p>1:600          1" = 50'</p> <p>0 25 50 Feet</p>		
<p>Tri-Lakes Reliability Project</p> <p>IMPACT AREA D</p>		
<p>New York Power Authority</p>		<p>Figure</p>



WETLAND IMPACT E  
 16' x 42' = 672 SF  
 1008 CF FILL VOL.

1:600 1" = 50' 		
Tri-Lakes Reliability Project		
IMPACT AREA E		
	Figure	

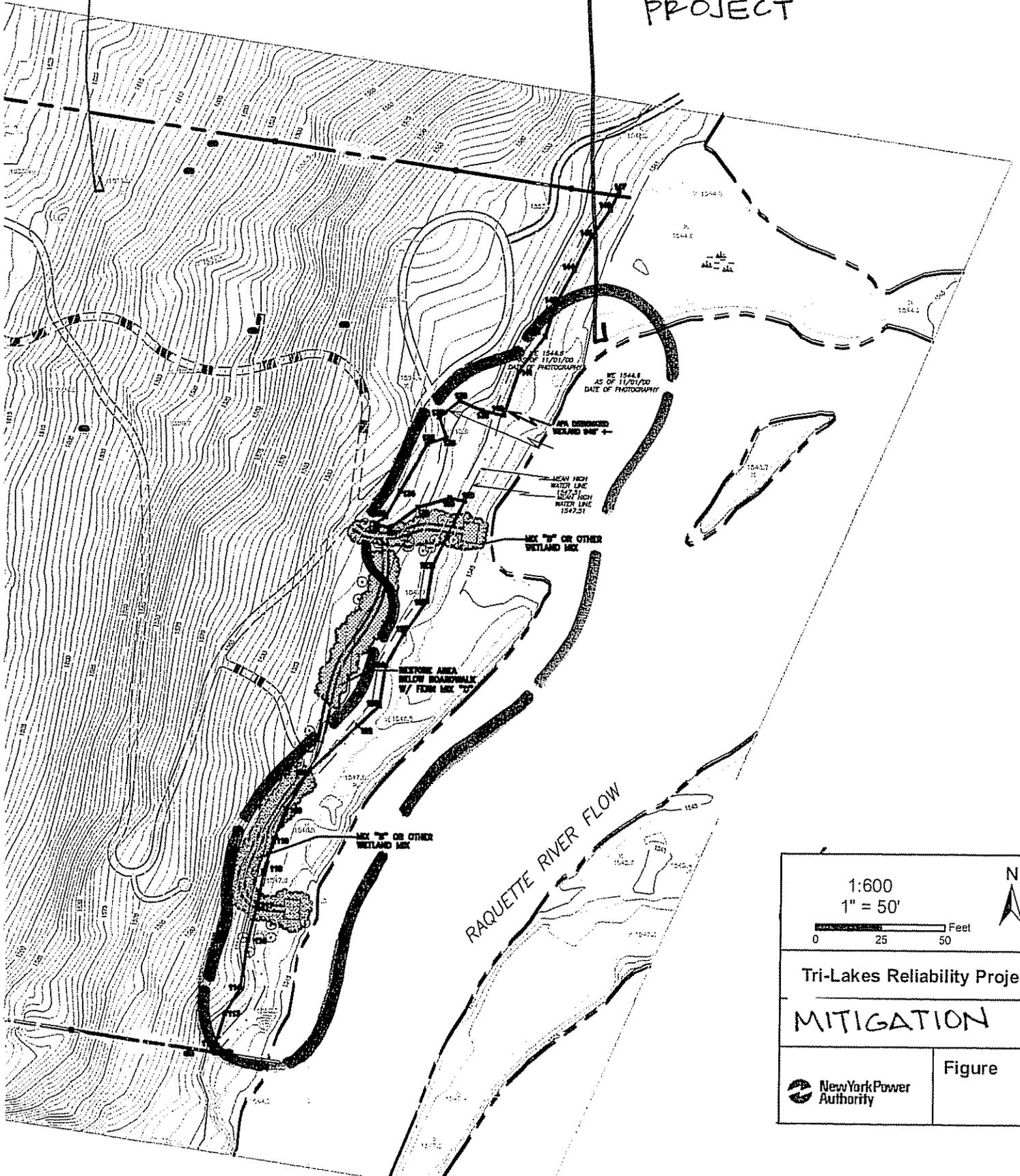
WORK TRAIL CONSTRUCTED OF SIDE-BY-SIDE "TERRA CELL" SYSTEM OVER FILLED 3-4" WITH 2" GRANULAR MATERIAL PROVIDE 12" CULVERTS AT 20' OC TO MAINTAIN CROSS FLOW.



WETLAND CROSSING  
NTS

LANDS OF  
NATURAL HISTORY  
MUSEUM OF THE  
ADIRONDACKS

LOCATION OF  
PROPOSED STREAM-  
BANK RESTORATION/  
IMPROVEMENT  
PROJECT



<p>1:600 1" = 50'</p> <p>0 25 50 Feet</p>		<p>N</p>
<p>Tri-Lakes Reliability Project</p>		
<p>MITIGATION</p>		
<p>New York Power Authority</p>		<p>Figure</p>

2) CONSTRUCTION  
OF ALTERNATE  
WORK TRAIL AND  
LOGGING ROAD

1) REMOVAL OF  
EXISTING WETLAND  
CROSSING AND  
RESTORATION

SEVEX BOG

1:7200  
1" = 600'

0 300 600 Feet



Tri-Lakes Reliability Project

MITIGATION



Figure