

## **ADDENDUM NO. 2**

### **2014 - Cemetery Road Bridge Replacement**

**Essex County, NY**

**May 29, 2014**

#### **TO ALL HOLDERS OF BIDDING DOCUMENTS:**

This Addendum, issued to bid document holders of record, indicates clarifications to the bid documents for the 2014 - Cemetery Road Bridge Replacement project. All clarifications described herein shall be incorporated into the Contractor's bid proposal. This Addendum is part of the Contract Documents. Adjustments required by each item shall be understood to apply to all document references affected by the clarifications described.

1. **General:** A Pre-Bid meeting was held for the project at the site on May 28, 2014 at 9:00 AM. Minutes from the meeting are enclosed and are a part of this Addendum and the Contract Documents.
2. **Regarding Drawing N-1:** *Earthwork Notes*, Note 13 - DELETE entire note. Drainage board is not required for this project.
3. **Regarding Drawing N-1:** *General Notes*, Note 10, Item F - DELETE entire Item F.
4. **Regarding Drawing N-1:** *Bridge Installation Notes*, Note 4 - A bolt chart for the new bolts to be provided is enclosed as a part of this Addendum. The bolt chart provides information regarding bolt requirements which were included as a part of the original bridge supplier's design drawings. It is the responsibility of the contractor to verify the accuracy of this bolt chart. The contractor is responsible for providing all new bolts which will be required for the assembly of the bridge at no additional cost to the owner.
5. **Regarding Drawing S-2:** *North Abutment Elevation* - CHANGE T/Headwall Elevation indicated from 992.39 to 993.39.

**END OF ADDENDUM NO. 2**  
(Enclosures attached)

**Meeting Summary:** Pre Bid Meeting Bridge Replacement Cemetery Road over Norton Brook

**Date:** 5/28/2014

**Time:** 9:00 am

**Location:** Project Site, Cemetery Road, Keene, NY 12942

**Attendees:**

Gary Rancour Jr., ECDPW

Don Given, Slate Hill Constructors, Inc.

Dustin Winn, Winn construction

Volker Burkowski, Kubricky Construction Corp.

Gary Olcott, Peckham Road

Don Beaton, Luck Bros.

Pat Armstrong

The Adirondack Park Agency permit is attached to and made part of this addendum.

A NYS DEC Temporary Revocable permit will be issued for this project for NYS property adjacent to the project (West). Map 02559 (Lands of New York State) is attached to this addendum. It is advised that the contractor limit their equipment travel to the paved surfaces.

Soil Borings - Soil borings were performed for the owner and for the purpose of design. The contractor is advised to perform their own soil boring of the project site to obtain a true representation of the sub surface conditions/ soils for the purpose of construction. The contractor will not be relieved of any obligation nor entitled to additional monies on the premise of differing or unknown sub surface conditions/soils.

Bridge pieces intended for reuse are located at the Town of Keene Highway Garage, Schaefer Road, Keene, NY 12942. The highway garage is located behind the landfill/ transfer station. The highway garage is open 6-2:30 weekdays.

Verizon has two conduits attached to the existing bridge - Verizon has agreed to excavate approximately 300 feet of the conduits, move the conduits approximately 6 feet to the west and temporarily shore the conduits for the duration of the bridge replacement project. The excavation of the conduits and temporary shoring is anticipated to be complete prior to the commencement of the bridge replacement project.

All guide rail and bridge rail is by the contractor - bridge rail pieces intended for reuse are stored with the bridge pieces.

There is no drainage board in this project; the bridge foundation drain is a stone, pipe and filter fabric assembly.

Cemetery Road will be closed at the bridge for the duration of the project and the contractor can use the paved surfaces for staging. The Town of Keene owns adjacent lands and could possibly permit its use for additional staging area. The contractor will

need to make arrangements with the Town of Keene for the additional staging area. There is a northern intersection of Cemetery Road and NYS RTE 9N that is currently gated. The Town of Keene and NYS DOT could possibly permit the intersections use for access; the contractor will need to make arrangements with the Town of Keene and NYS DOT to use this intersection.

# Cemetery Road Bridge Replacement

## BOLT CHART

BOLTS		WGT.	DIAM.	LENGTH	NUTS	WASHERS	DESCRIPTION
QTY.	CLASS	(LBS.)	(IN.)	(IN.)	QTY.	QTY.	
60	A325	18.6	5/8	1 1/2	60	60	-
32	A307	40.0	3/4	7 1/2	32	64	FULLY THREADED
72	A307	92.3	3/4	7 3/4	72	72	CARRIAGE BOLT
87	A325	46.1	3/4	1 3/4	87	174	-
236	A325	147.3	3/4	2 1/2	236	236	-
318	A325	279.0	7/8	2 1/4	318	318	-
24	A325	23.1	7/8	2 3/4	24	24	-
108	A325	108.5	7/8	3	108	108	-



P.O. Box 99 • Ray Brook, New York 12977  
(518) 891-4050 www.apa.ny.gov

APA General Permit  
2002G-3AAR

Permit Number:

2014-62

Application and Certification for Certain Minor  
Regulated Activities in APA-jurisdictional  
Freshwater Wetlands

**Instructions:** Please answer all of the questions in each section and complete the required attachments. Submit this form with the required attachments in person or by mail to the Deputy Director, Regulatory Programs, Adirondack Park Agency at the above address. A site visit by Agency staff is required. You may not begin regulated activities at the project site until you have received this certification signed by Agency staff.

Section A

Name of Project Sponsor: Essex County DPW

Authorized Representative: Gary Rancour

Mailing Address: 8053 US Rte 9, Elizabethtown, NY 12932

Telephone Number (daytime): 518-873-3746

FAX: 518-873-9195

**Prior Agency Contact:**

Have you had any previous discussions with Agency staff regarding the proposed activities involving wetlands or has any Agency staff visited the project site with you or your representative?

☐ No

☒ Yes, staff person=s name: Thomas Sachrig

Date of Contact: 4/8/14

RECEIVED

APR 25 2014

Adirondack Park Agency

Has the project site been the subject of a past Agency action (i.e., project permit, order, variance, jurisdictional inquiry, enforcement case or wetland flagging)?

☐ No

☐ Do not know

☒ Yes, If known, provide the following number and date:

Past Project Permit, Order or Variance Number: 2013-66

Jurisdictional Inquiry Number: \_\_\_\_\_

Enforcement Case Number: \_\_\_\_\_

Wetland Boundary Flagging : \_\_\_\_\_

**Contractor (if any, doing the proposed work in wetlands):**

Name of Company: TBD

Authorized Representative: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Telephone No: \_\_\_\_\_

FAX: \_\_\_\_\_

**Project Site Location:**

Town(s): Keene

Village:

County (ies): Essex

Nearby Road(s): Cemetery Road


Nearby Waterbody: Norton Brook

Tax Map Number (s): (list all involved parcels):

Section 53.4 Block \_\_\_\_\_ Parcel \_\_\_\_\_ Section \_\_\_\_\_ Block \_\_\_\_\_ Parcel \_\_\_\_\_**Brief Project Description:**

Cemetery Road Bridge over Norton Brook Replacement Project-

By signing this permit application, the project sponsors agree to strictly comply with the terms and conditions of this application and certification.

X   
Signature of Project sponsor

X \_\_\_\_\_  
Signature of Project Site Landowner(s)

X \_\_\_\_\_  
Signature of Authorized Representative(s) (if designated above)

**Certain Regulated Activities in Wetlands****Applicability:**

1. This general permit only applies where the sole basis of Agency permit jurisdiction over the project activity in question is due to involvement of wetlands pursuant to Section 810(1) of the APA Act or where the activity constitutes a regulated activity pursuant to 9 NYCRR 578.3 in or significantly impairing wetlands.
2. This general permit may not be used if the wetland activity in question also requires Agency approval due to involvement of a larger project, such as a subdivision or new land use or development under Sections 810 or 814 of the Adirondack Park Agency Act or for Arivers projects under the New York State Wild, Scenic and Recreational Rivers System

**Field Visit Requirements:** (to be completed by the project sponsor prior to the field visit by Agency staff unless otherwise agreed to in advance by Agency staff)

1. Field delineate with stakes the centerline of any driveways, roads, underground or overhead utilities, utility poles, culverts or other structures to be located within wetlands.
2. Field delineate with stakes or colored flagging (except blue) the approximate location of all property lines that are located within 100 feet of the edge of any proposed work area.
3. Identify with colored flagging (except blue) or stakes the limits of the proposed temporary and/or permanent fill in wetlands.
4. Field delineate with stakes any new power poles to be located in wetlands.

**Required Attachments:** (your application will not be processed without all required attachments)

1. Attach a copy of current deed of record for the project site.
2. Attach a Property Boundary Map which may be either a labeled and scaled copy of a survey map, deed plot or current real property tax map clearly showing the property boundaries and labeled with the tax map number(s).
3. Attach a site plan map scaled at 1" = 40' (one inch equals forty feet) for each work site involving or affecting wetlands. Showing existing site conditions and the proposed development activities, including all existing and proposed roads, driveways, buildings, utility poles, lines and anchors, and drainage structures, temporary and permanent easements, areas of existing vegetation labeled as to covertype, limits of proposed vegetative clearing, existing wetland boundaries, limits of wetland disturbance or filling, and proposed mitigation, including wetland replacement areas, if any. The map should clearly show the date and name and title of the person who prepared the map.
4. Provide scaled sketches of the proposed work areas and activities, including plan view and cross sections through the area of wetland fill, plans and details of any temporary or permanent structures to be placed in or affecting wetlands, and temporary and permanent erosion and sediment control practices to be employed.
5. Attach a written explanation describing all of the following:
  - a) The purpose and need for the proposed activity involving or affecting existing wetlands,
  - b) why there is no practicable alternative to avoid working in the wetlands,
  - c) how impacts to the wetlands have been avoided and minimized to the greatest extent practicable,
  - d) the quantity in square feet of temporary excavation or fill and permanent excavation or fill,

- e) all temporary and permanent erosion and sediment control practices to be used to protect the wetlands during and after construction,
- f) final site stabilization and restoration methods (e.g., topsoiling and seeding, planting of trees and shrubs), including plant names and sizes,
- g) all other proposed compensatory mitigation measures, including constructing replacement wetlands, if any, and construction activities sequence of work and proposed start date and estimated completion date.

### **Section C**

#### **CONDITIONS**

1. The activities in or affecting existing APA-jurisdictional wetlands described in this application and in the required attachments may not be undertaken unless or until this application and certification is signed by authorized Agency staff.
2. Failure to comply with this general permit and approved attached site plan is a violation and may subject the project sponsor, successors and assigns to civil penalties and other legal proceedings, including modification, suspension or revocation of the permit.
3. By signing the application and certification, the permittee(s) and their contractor(s), if any, accept full legal responsibility for all damages, direct or indirect, of whatever nature and by whomever suffered, arising out of the project.
4. The Agency may conduct on-site investigations, examinations and evaluations as it deems necessary to ensure compliance with the terms and conditions of this permit. Such activities shall take place at reasonable times and upon advance notice where possible.
5. At the written request of the Agency, the permittee shall report in writing the status of the project, including details of compliance with any terms and conditions of this permit.
6. The permittee shall notify the Agency in writing of the project completion within five working days after the work authorized by the approved permit has been successfully completed.
7. All mobilization of equipment and materials shall occur prior to undertaking the work involving or affecting wetlands and shall be completed in the shortest necessary time span.
8. This permit does not grant the permittee any right to trespass upon the lands of, or interfere with the riparian rights of others in order to perform the permitted work, nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.
9. The permittee shall require that any agent, contractor, project engineer, or other person responsible for the overall supervision of this project read and understand this permit and approved plans and all terms and conditions prior to undertaking the project. Copies of the signed permit and approved plans shall be kept at the project site during all construction activities.
10. Any deviation from the type of project authorized by this permit or failure to comply precisely with all the terms and conditions of this permit and approved plans must be expressly approved in writing



and in advance by authorized staff of the Agency.

11. The work shall be scheduled and conducted during drier periods (not during major storm events, spring runoff, and thawing conditions) to avoid and minimize erosion of soils and to prevent silting and muddying of wetlands or surface waterbodies.
12. Prior to construction, including clearing and grubbing, silt fence, as shown on the approved plans, shall be properly installed with the bottom buried at least four inches. Silt fence and all other erosion control measures shall be installed and maintained as specified in and shown on the approved plans.
13. No mechanized equipment shall be driven in wetlands unless expressly authorized herein. Every effort shall be made to work from upland areas and to minimize disturbances to areas adjacent to wetlands. Only tracked equipment shall be used in wetlands.
14. Any cutting of vegetation along the shorelines of navigable waterbodies shall be in conformance with the Shoreline Restrictions of Section 806 of the Adirondack Park Agency Act. (A copy of the Shoreline Restrictions or the Citizen=s Guide is available upon request).
15. No waste disposal, material or excavation stockpiling, or dewatering discharge shall occur in or within 50 feet of wetlands unless specifically authorized in the project plans.
16. All equipment, including but not limited to trucks, excavators, earth drills and tractors, shovels, picks and rakes, to be used on the site shall be washed with high pressure hoses and hot water prior to being brought on the site. The intent of this condition is to insure invasive plant species are not spread to the construction site.
17. The regulated wetland activities authorized herein, including site restoration activities, shall be completed by 12/31/2015  
(Date to be filled in by APA Representative)

### **SPECIAL CONDITIONS BY ACTIVITY**

#### **Underground utility line installation, repair or replacement**

18. The installation or repair of underground utility lines shall not result in significant change in the preconstruction contours, flow or watertable characteristics of the wetland.
19. The area of wetland disturbance shall be limited to the minimum necessary to construct the utility line. Clearing of existing vegetation shall be limited to that material which poses an immediate hazard or hindrance to construction activities. Grading and grubbing of the wetland shall be minimized to the greatest extent practicable.
20. Where trenching for the installation or repair of underground utilities in wetlands, the top 12 inches of wetland soil shall be first removed and temporarily placed onto a geo-textile blanket running parallel to the trench. Sub-grade soils dug from the trench shall be sidecast on the opposite side of the trench onto another geo-textile blanket running parallel to the trench. All sidecast material shall be placed and stabilized in such a manner so as to prevent its dispersion by normal or high water flows.

21. The length of trench to be opened should be only that which can be opened and completed in one day. After installation or repair of the underground utilities, including placement of bedding materials, the sub-grade soils shall be backfilled into the trench, followed by the surface wetland soils. The wetland soil should be left 3 to 6 inches above the surrounding undisturbed wetland surface to allow for settling. All excess material must be removed to upland areas and stabilized immediately upon completion of construction. The geo-textile blanket can be utilized for the next trench section or rolled up and taken offsite after the work is completed.

Culvert repairs, replacements, and extensions or new installations in wetlands

22. Existing pipe and box culverts shall be replaced at their existing location. Replacement culverts shall be installed so as to preserve the pre-construction water levels and flows and shall not inhibit the natural movement of fish. If the activity involves a DEC classified stream, also obtain and comply with an ECL Article 15 permit.
23. New culverts shall be installed so as to preserve the preconstruction water levels and flows and shall not inhibit the natural movement of fish.

Temporary access or detour drives, work pads or water control structures in wetlands

24. Any fills required for temporary construction access, detour and work pad facilities shall be of clean, heavy stone fill or other non-erodible material placed on geo-textile fabric up to the ordinary high water elevation.
25. Temporary construction access, detour and work pad facilities (including necessary fills) shall be located so as to avoid or minimize disturbance of the wetland, and appropriate temporary drainage measures must be taken to maintain preconstruction water flows and watertable characteristics.
26. Temporary water control structures (i.e. cofferdams) shall be of the type and size, and shall be placed in such a manner, so as to not impair surface water flow into or out of the wetland.
27. Temporary water control structures (i.e. cofferdams) shall be constructed of non-erodible materials, and located in such a manner, so as to prevent its dispersion or movement by normal or high water flows.
28. Temporary construction access, detour and work pad facilities (including necessary fills) shall be entirely removed following completion of construction activities, and the affected and adjacent area successfully restored to its preconstruction condition, including replacement planting of native trees and shrubs.

Widening or improvements to existing roads, driveways, or trails

29. Any permanent fill associated with widening or improvements to a pre-August 1, 1973 road, driveway or trail shall not exceed 300 square feet of permanent wetland excavation or fill per wetland complex. Compensatory mitigation shall be addressed as approved by Agency staff.

30. The placement of earthen fill for widening of pre-August 1, 1973 highways, bridges, driveways or trails shall be limited to the minimum necessary to bring the facility into compliance with current State design, safety and capacity standards and shall only be allowed as long as the proposed activity or improvement does not change the historic use of the facility and the property or the character of the setting.
31. Stabilize road fill with native seed and straw or wood fiber mulch or rip rap, as approved, within 3 days of completion of fill activities.

Temporary access in wetlands for survey and exploratory activities

32. Any fills required for temporary access facilities shall be of clean, heavy stone fill or other non-erodible material placed on geo-textile fabric up to the ordinary high water elevation.
33. All test wells, test pits and bore holes located in wetlands shall be backfilled to the fullest extent possible with soil excavated from the well, pit or hole, with the upper 12 inches of wetland soil returned to the top of the hole. All excess material shall be immediately removed from the wetland and adjacent area and stabilized immediately upon completion of the activity.
34. The area of wetland disturbance shall be limited to the minimum necessary to perform the survey and/or exploratory activity. Cutting of existing vegetation shall be limited to that material which poses an immediate hazard or hindrance to the necessary activity. All cut vegetation shall be immediately removed from the wetland and adjacent area upon completion of the activity. Grubbing of stumps and roots shall be avoided.
35. Temporary access facilities (including necessary fills) shall be located so as to avoid or minimize disturbance of the wetland, and appropriate measures shall be taken to maintain preconstruction water flows and watertable characteristics.
36. Temporary access facilities (including necessary fills) shall be entirely removed following completion of the necessary activity, and the affected wetland and adjacent area shall be graded, seeded and restored to replicate preconstruction conditions (except that the planting of replacement trees and shrubs is not required).
37. All slurries, dusts, and liquids and other materials brought to the surface during drilling activities will be carried or pumped into an upland location and treated in such manner so that they or any effluent derived from them are not deposited into the wetland.

Overhead Utility Pole and Line Repair or Replacement

38. The area of wetland disturbance shall be limited to the minimum necessary to repair, replace or construct the utility pole and line. Clearing of existing vegetation shall be limited to that material which poses an immediate hazard or hindrance to construction activities. Grading and grubbing of the

wetland shall be minimized to the greatest extent practicable.

39. When pole replacements occur in wetlands, the existing poles to be replaced shall be removed completely from the wetland, including that portion of the pole that was buried.
40. Whenever practicable, access through wetlands shall be done on frozen ground or with the use of wide-tracked vehicles. If temporary access or work pads are required, they shall be governed by the Conditions 22 thru 26 listed above.

*(Additional conditions, if any, as determined by Agency staff)*

41.

I

X Mark Roeder Date: 5/5/14  
Signature of APA Environmental Program Specialist or Wetlands Biologist  
(Required before regulated activity can be started)

X [Signature] Date: 5/5/14  
Signature of Deputy Director, Regulatory Programs (or designee)  
(Required before regulated activity can be started)

*Attach as a part of the approved certification an 8-1/2" x 11" reduced copy of the overall site plan(s) referenced in Item 3. of the Required Attachments@ state above.*

April 17, 2009

# BRIDGE REPLACEMENT CEMETERY ROAD OVER NORTON BROOK

BIN 3302360

TOWN OF KEENE, N.Y.  
ESSEX COUNTY DEPARTMENT  
OF PUBLIC WORKS

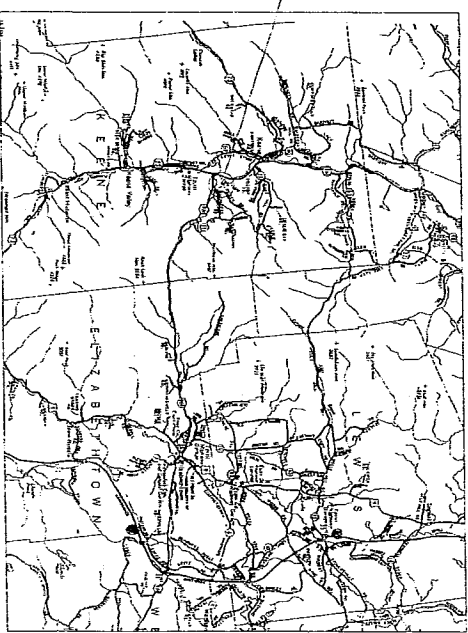
**SR** SCHODER RIVERS  
ASSOCIATES

Consulting Engineers, P.C.  
Evergreen Professional Park  
453 Dixon Road, Suite 7, Bldg. 3  
Queensbury, New York 12804  
(518) 761-0417, FAX: (518) 761-0513

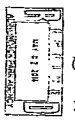
## DRAWING INDEX

<u>DWG. NO.</u>	<u>TITLE</u>
-	TITLE SHEET
N-1	NOTES
C-1	REMOVALS AND EROSION CONTROL PLAN
C-2	SITE PLAN
C-3	ROADWAY PROFILE AND DETAILS
S-1	BRIDGE FRAMING PLAN AND SECTIONS
S-2	ABUTMENTS AND WINGWALLS PLANS AND ELEVATIONS
S-3	SECTIONS AND DETAILS

PROJECT  
LOCATION



LOCATION MAP  
N.T.S.



DATE: 11/15/01  
BY: [Signature]  
CHECKED: [Signature]  
DATE: 11/15/01

### 1. DESIGN SPECIFICATIONS:

- [illegible]

MAINTENANCE AND PROTECTION  
OF TRAFFIC NOTES

1. THE STATE'S ATTENDANCE AND PROTECTION OF TRAFFIC IN AND AROUND THE SITE SHALL BE THE STATE'S RESPONSIBILITY OF THE DEMONSTRATION BEING THE CHOICE OF THE WORK.
2. THE BRIDGE SHALL BE CLOSED TO ALL TRAFFIC DURING THE CONSTRUCTION PERIOD. THE STATE SHALL BE RESPONSIBLE FOR THE BRIDGE SHALL BE REOPENED AND REINSTATED BY THE OWNER. THE STATE SHALL BE PROVIDED AND MAINTAINED IN THE DEMONSTRATION.
3. SUBSEQUENT CONCRETE BRIDGES AND OTHERS AROUND THE PROJECT SHALL BE CONSIDERED FOR THE DEMONSTRATION WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROJECT'S WORK, INCLUDING THE BRIDGES THAT REMAIN IN PLACE DURING THE WORK IS COMPLETED.
4. ALL BRIDGES AND INTERSECTIONS IN THE VICINITY OF THE PROJECT SITE SHALL REMAIN UNCHANGED AND OPEN TO TRAFFIC AT ALL TIMES.

1. PERIODS OF THE EARLIEST BEGINNING AND THE ENDING ARE NOT AVAILABLE. INFORMATION REGARDING THE EXISTENCE OF THE EARLIEST BEGINNING AND THE ENDING IS AVAILABLE.

- [illegible]

### 1. DETERMINING FACILITIES STAY

2. THE DETERMINING STATE DESIGN SHALL INCLUDE SAND BAG CONTINGENTS TO ISOLATE THE WORK AREAS FOR REMOVAL OF THE EXISTING AND MISPLACEMENT OF NEW ADJUSTMENTS FROM THE STRIPED CHANNEL.
3. THE CONTINGENT SHALL SUBMIT A LOCATION PLAN AND PHYSICAL CROSS-SECTION FOR THE PROPOSED CONTINGENTS FOR REVIEW BY THE DESIGN AUTHORITY PRIOR TO CONSTRUCTION.

ALL RIPPAP SHALL  
WATERPROOF THE

- ALL IMPROV SHALL BE PLACED ON GEOTECHNICAL GRADING FABRIC AND SHALL BE REINFORCED WITH SUBGRADE AT THE TOP, BOTTOM AND SIDES OF STONE.
- ALL STONE SHALL BE USUALLY PLACED AND TAPPED AND CRACKED TO PROVIDE A MINIMUM OF 1/2" CRACKS. STONE SHALL BE CRACKS DISTRIBUTED THROUGHOUT.
- THE MAXIMUM LAYER THICKNESS SHALL BE AS INDICATED ON THE DRAWINGS.

1. ALL SETTING AND SHALL BE IN PLACE

2. ALL FLOORED GUT AND LIFT PARTS SURFACES NOT COVERED BY THE EXISTING GROUND SURFACE. SURFACES ARE TO BE REFINISHED WITH A MINIMUM 3 IN. THICK LAYER OF CONCRETE WITH REINFORCING STEEL BARS. REINFORCING STEEL BARS TO BE LAPPED AND TIED TO EXISTING REINFORCING STEEL BARS. SURFACES TO BE ALL JOINTS AND SEWERED SURFACES OVER WATERS.
3. ALL JOINTS SHALL RELINE IN PLACE. UNTIL A STABLE GROWTH OF VEGETATION IS PRESENT IN ALL AREAS.

1. CODEBOOK SHALL COMPLY WITH THE PROVISIONS OF THE YORK STATE STANDARD SPECIFICATIONS - CONSTRUCTION

- [illegible]

1. EXCAVATION SHALL BE TO ELEVATION OF 10.00 FEET.

- [illegible]

### 1. CAST-IN-PLACE CONCRETE HEADWALLS WITH CONCRETE

- [illegible]

1. ELEVATIONS ARE BASED

1. THE LAYOUT OF ALL WORK FOR THE PROJECT SHALL BE COMPLETED BY A LICENSED SURVEYOR RETAINED BY THE CONTRACTOR.
2. ONE FOOT CONTOUR INTERVAL INDICATED.

**Table 1**

- [illegible]

THE JOINTS AT EACH END OF APPROPRIATE JOINT SYSTEM WILL

- DETAILED ON THE CONSTRUCTION DRAWINGS AND AS SHOWN ON IN-SITUOT BROOK DESIGN DETAIL SHEETS BELONGING TO BR-114E AND CORROBORATED WITH IN-SITUOT SUPERELEVATION SECTION 507-2.02.
- CONSTRUCTION SHALL BE A CROSS-LINKED POLYMER CONCRETE SHALL CONFORM TO THE CONCRETE SPECIFICATION SECTION 210 AND BR-114E LATERING THE FOLLOWING DIMENSIONS IN POUNDS PER CUBIC FOOT:
- |                 |                    |
|-----------------|--------------------|
| NO. 1000 WEIGHT | 1.00 IN. @ 75 LBS. |
| NO. 1000 WEIGHT | 0.45 IN.           |
| NO. 1000 WEIGHT | 0.45 IN.           |
| NO. 1000 WEIGHT | 1.4 IN.            |
| NO. 1000 WEIGHT | 1.4 IN.            |

**Consulting Engineers, P.C.**  
 10000 Wilshire Blvd., Suite 1000  
 Beverly Hills, CA 90210  
 Tel: 310/276-1100  
 Fax: 310/276-1101  
 E-mail: [info@cepc.com](mailto:info@cepc.com)  
 Web: [www.cepc.com](http://www.cepc.com)

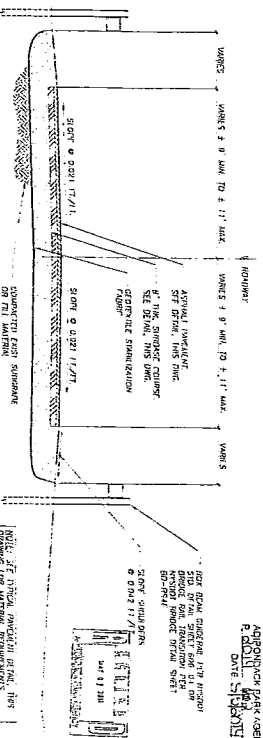
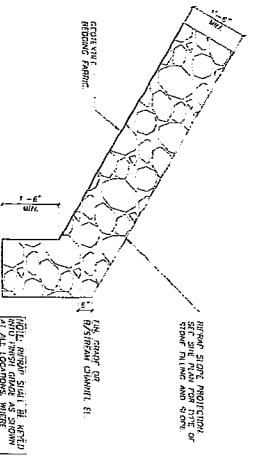
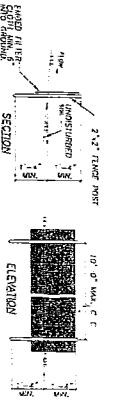
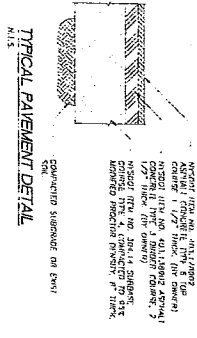
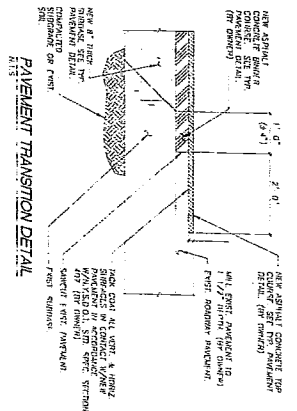
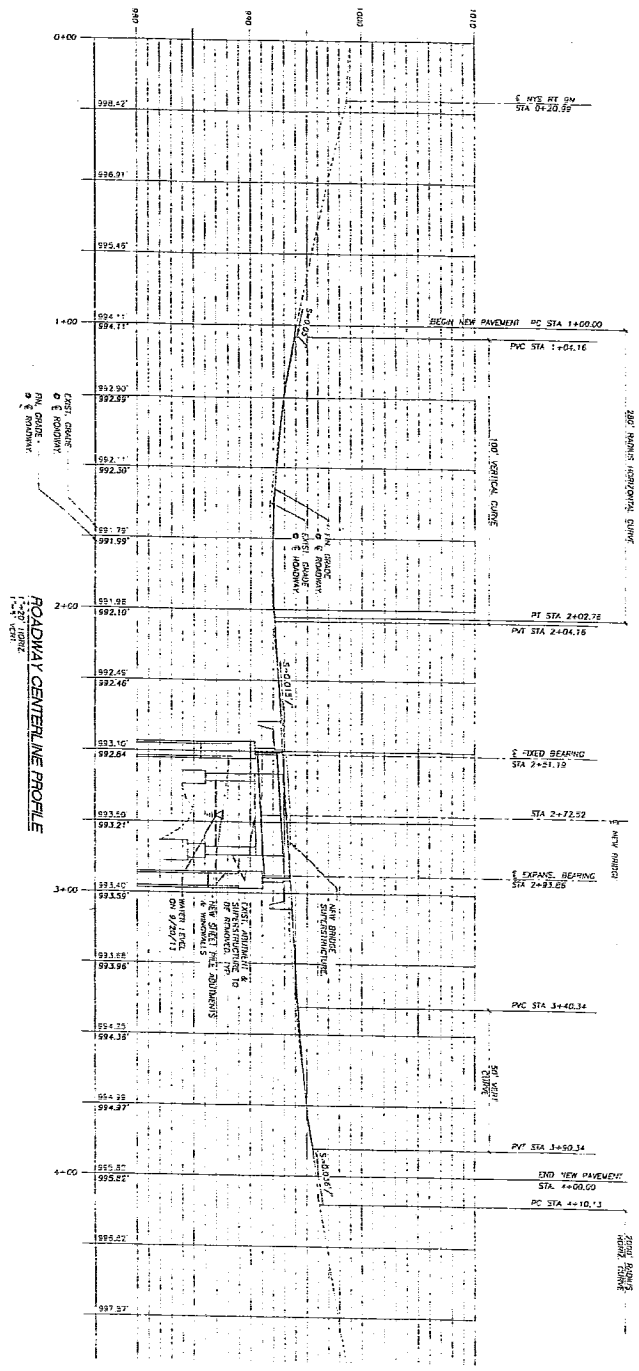
BEHINDING THE

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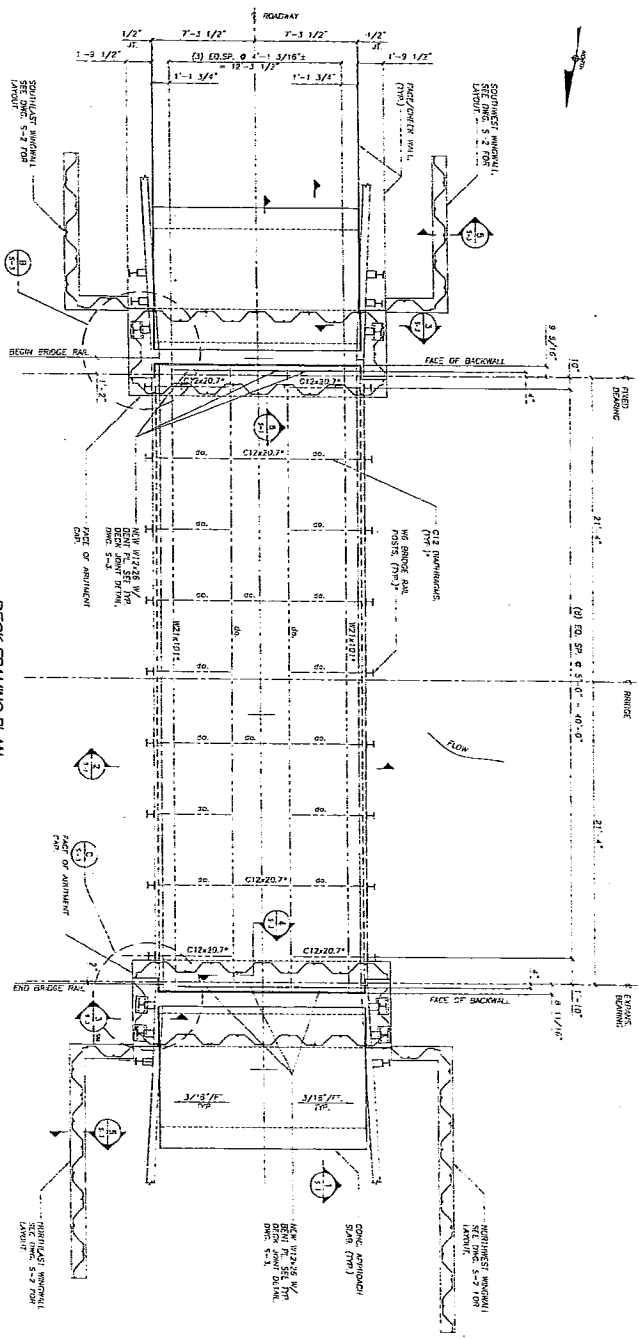
RIBBON KENNY DETAIL

TYPICAL ROADWAY SECTION

DESIGNED BY: **SCUDER RIVERS & ASSOCIATES**  
 401 South Street, Suite 100  
 New York, NY 10014  
 PHONE: (212) 421-1111  
 FAX: (212) 421-1112  
 PROJECT NO: **C-3**  
 SHEET NO: **1** OF **1**

SECTION  
1/4" = 1' = 0"

SECTION ———— 2

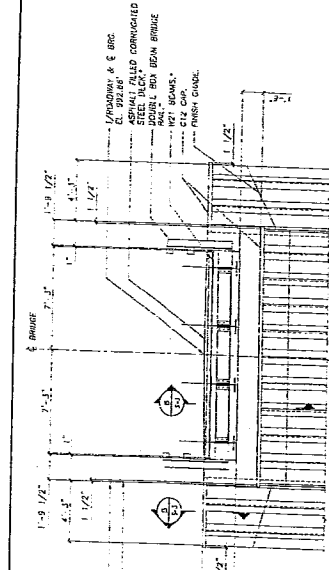


DECK FRAMING PLAN  
1/4"=1'-0"

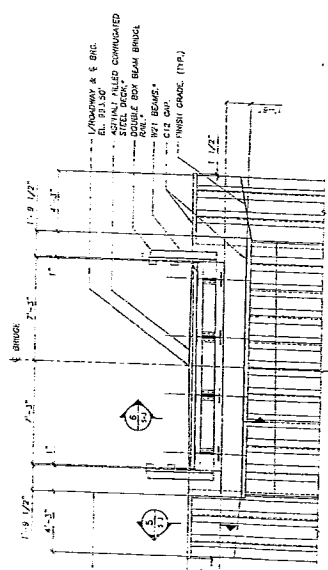
NOTE: THE RINGER, DECK TRAINING AND ASSOCIATED EQUIPMENT ARE BEING SAVERGED FROM ST. HUBERTS ROAD, BROODS OVER BLEED BROOD. ALL ITEMS MARKED "A" ARE BEING SAVERGED FROM THE ORIGINAL BROOD AND SHALL BE SHIPPED BY ESSEX COUNTY AND INSTALLED BY THE CONTRACTOR. THE CONTRACTOR SHALL SUPPLY ALL NEW NUTS AND BOLTS. DO NOT REUSE EXISTING FASTENERS. SEE ORIGINAL FABRICATION DRAWINGS AT ESSEX CO. DRW 010716S FOR CONNECTION DETAILS.

2011-65  
FINAL PLANS  
ADKONBACK PARK AGENCY  
DATE 5/3/2015

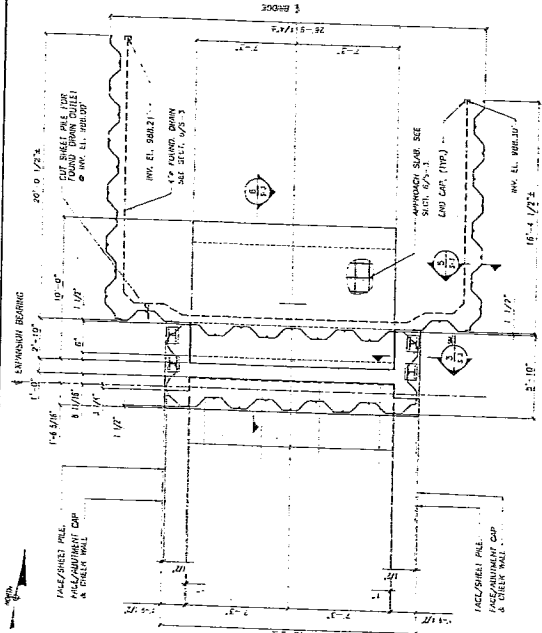
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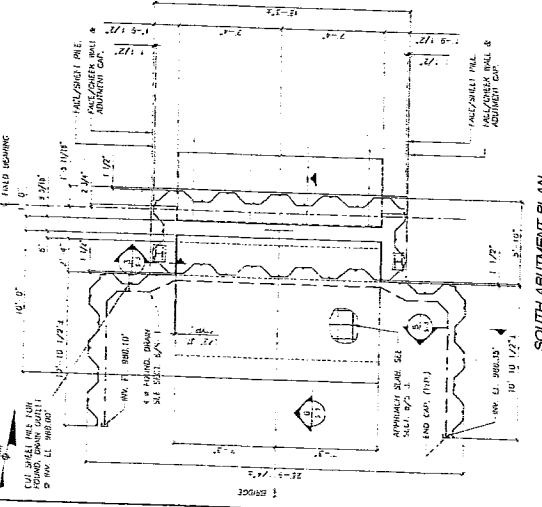
**SOUTH ABUTMENT ELEVATION**  
1/4\"/>



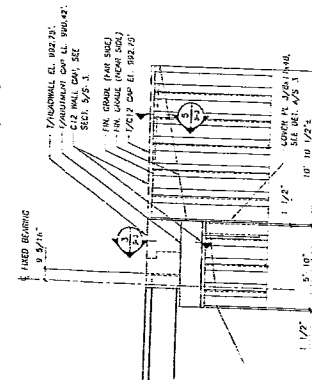
**NORTH ABUTMENT ELEVATION**  
1/4\"/>



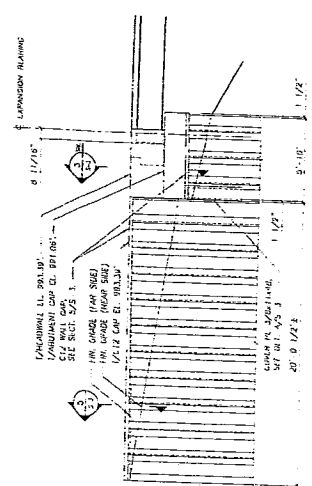
**NORTH ABUTMENT PLAN**  
1/4\"/>



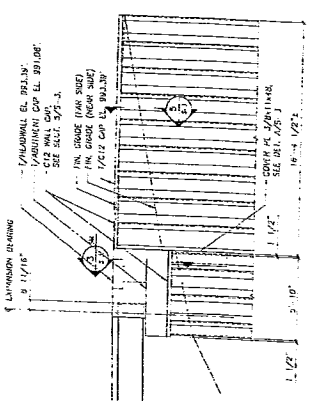
**SOUTH ABUTMENT PLAN**  
1/4\"/>



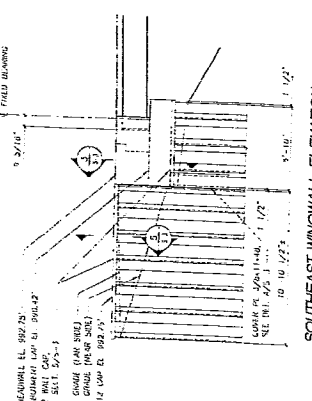
**SOUTHWEST WINGWALL ELEVATION**  
1/4\"/>



**NORTHWEST WINGWALL ELEVATION**  
1/4\"/>



**SOUTHWEST WINGWALL ELEVATION**  
1/4\"/>



**NORTHWEST WINGWALL ELEVATION**  
1/4\"/>

**NORTHEAST WINGWALL ELEVATION**  
1/4\"/>

**SOUTHEAST WINGWALL ELEVATION**  
1/4\"/>

REV.	DATE	BY	CHKD.	DESCRIPTION
0	1/26/74			FOR REVIEW

<b>PRELIMINARY NOT FOR CONSTRUCTION</b>	
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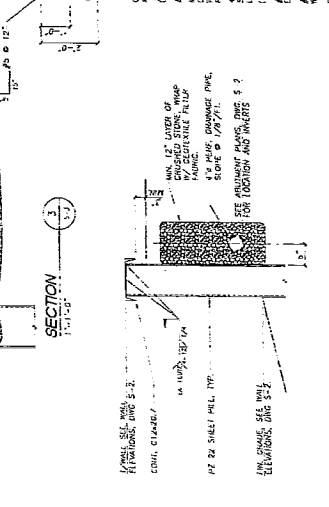
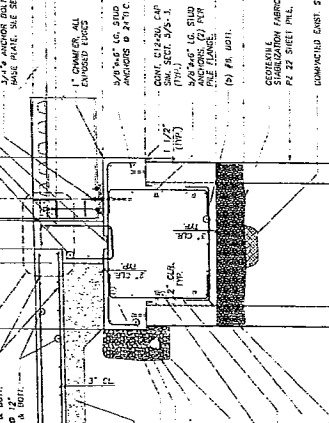
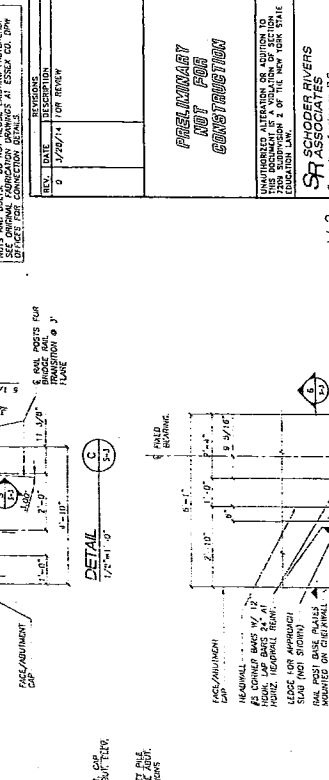
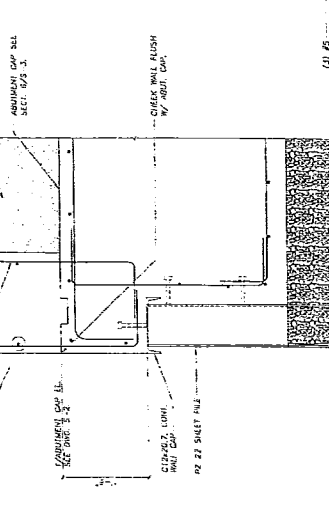
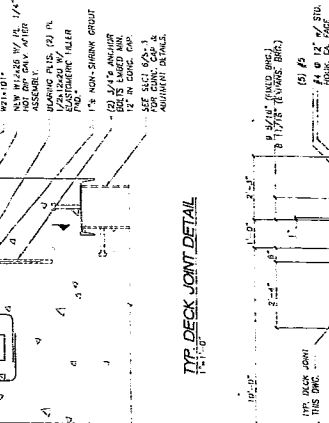
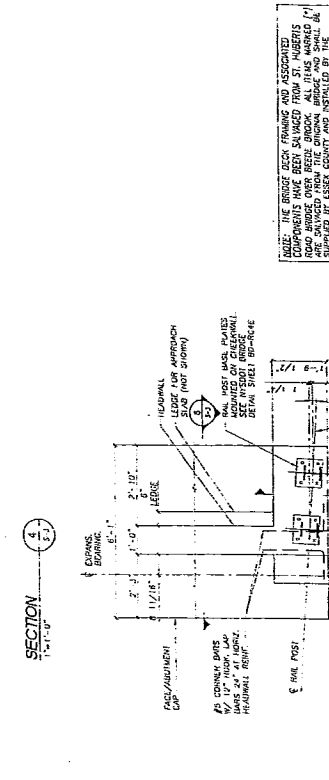
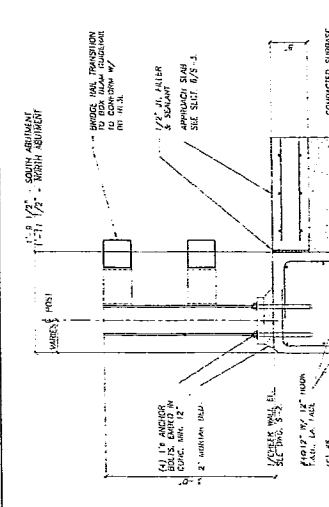
  

THIS PROJECT ALTERATION IS IN ADDITION TO THE BRIDGE REPLACEMENT OVER CEMENTARY ROAD 12500 SUPERHIGHWAY 2 AT THE NEW YORK STATE THRUWAY, ELIZABETH, N.Y.	
<b>32 ASSOCIATES</b> Consulting Engineers, P.C. 400 South Road, Suite 7, Room 3 Elizabeth, New York 12804 (516) 841-1717, FAX (516) 841-1914	SCALE: AS NOTED (DRAWING SET) DATE: 3/7/74 (Dwg. Set) CLIENT NAME: ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS ELIZABETH, N.Y.
SHEET NO. <b>S-2</b> OF 2	REV. 0

3014-102  
 FINAL PLANS  
 ADORNTUCK PARK AGENCY  
 DATE 3/2/74



THESE PLANS AND ASSOCIATED  
 SPECIFICATIONS HAVE BEEN PREPARED  
 BY THE ENGINEER AND HIS ASSOCIATES  
 FOR THE BRIDGE OVER BELLY BROOK. ALL ITEMS MARKED  
 WITH AN asterisk (\*) ARE TO BE SUPPLIED BY THE  
 CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR  
 THE PROTECTION OF ALL UTILITIES AND STRUCTURES  
 EXISTING UNDER OR ADJACENT TO THE BRIDGE.  
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE  
 PROTECTION OF ALL UTILITIES AND STRUCTURES  
 EXISTING UNDER OR ADJACENT TO THE BRIDGE.  
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE  
 PROTECTION OF ALL UTILITIES AND STRUCTURES  
 EXISTING UNDER OR ADJACENT TO THE BRIDGE.

[illegible][illegible]

The diagram shows a horizontal line representing a 1D coordinate system. A vertical dashed line serves as the origin, labeled '0'. To the right of the origin, there are two points labeled 'A' and 'B'. Point 'A' is at a distance of 'x' from the origin, and point 'B' is at a distance of 'x + Δx' from the origin. Below the horizontal line, there are two arrows representing position vectors. The first arrow, labeled 'r\_A', starts at the origin and ends at point 'A'. The second arrow, labeled 'r\_B', starts at the origin and ends at point 'B'. The distance between the two points is labeled 'Δx'.

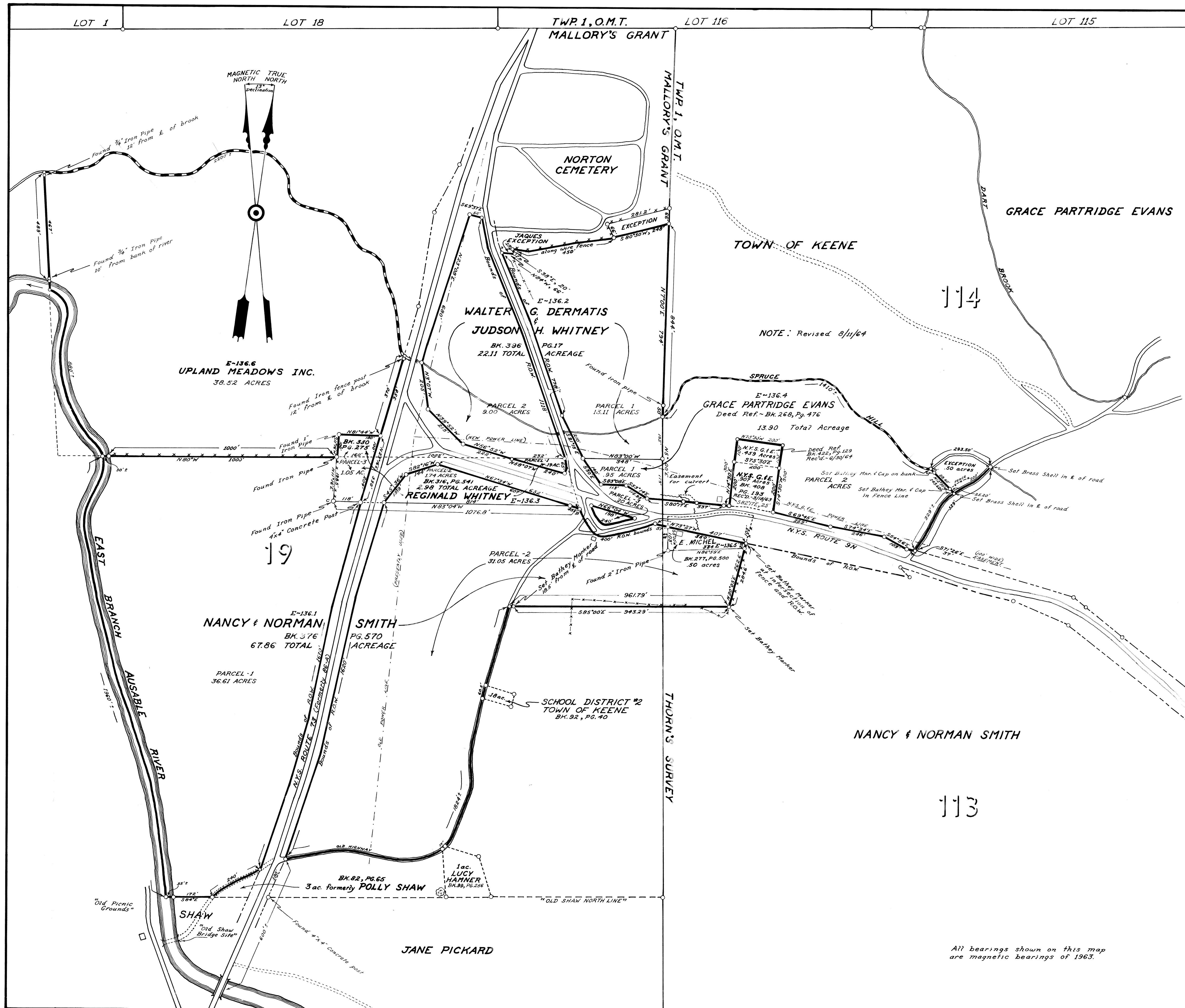
2. INFORMALLY SPOKE OF BRACE SILEET RULE TO  
 3. INFORMALLY SPOKE UNIT ADMITTION ON  
 4. CONC. IS SPOKE  
 5. PAID AND BEARING SHOWN. LEAVES END IS  
 6. SILUAL

SECTION 1/2 - 1/2

5. 10<sup>2</sup>

SECTION 1/4 1/2 3/4





LOCATION MAP  
TAKEN FROM U.S.G.S. MOUNT MARCY QUAD.  
D-25

109

See Maps 2681 and 2681A also.

STATE OF NEW YORK CONSERVATION DEPT.  
MAP OF LANDS TO BE ACQUIRED UNDER  
"THE PARK AND RECREATION LAND ACQUISITION BOND ACT"

PROJECTS: ESSEX-136.1 THROUGH ESSEX-136.6  
SITUATE IN

LOT 19 MALLORY'S GRANT  
LOTS 113 & 114 TOWNSHIP 1  
THORN'S SURVEY OLD MILITARY TRACT  
TOWN OF KEENE ESSEX COUNTY  
NEW YORK

~ SCALE ~  
0 100 200 300 400 500 600 Feet

I hereby certify that this map was made  
under my direction from deed descriptions & maps  
on file in the Essex Co. Clerk's Office and from  
field reconnaissance, and was completed on Sept.  
26, 1963.

NAME: Henry F. Gannon FOREST SURVEYOR  
HENRY F. GANNON LICENSE NO. 26962  
MAP BY: Robert L. Wilson  
JR. FOREST SURVEYOR

MAP NO. 2559