

APPENDIX

VEGETATION/WILDLIFE INVENTORY  
US Army Corps of Engineers

U.S. FISH AND WILDLIFE SERVICE

Lists of Plants, Fish, Reptiles and Amphibians,  
Wildlife, and Birds to be Found in the Vicinity of the  
Wallkill River, New York.<sup>1</sup>

<sup>1</sup> U.S. Fish and Wildlife Service letter, August 7,  
1979, Paul P. Hamilton, Field Supervisor, to the  
District Engineer, Philadelphia District, U.S. Army  
Corps of Engineers.

COMMON PLANTS (Continued)

Family Common Name	Scientific Name
Lemnaceae Duckweed Lesser duckweed	Lemna trisulca Lemna minor
Pinaceae White pine Red cedar	Pinus strobus Juniperus virginiana
Typhaceae Common cattail	Typha latifolia
Smilacaceae Greenbrier	Smilax rotundifolia
Betulaceae Speckled alder	Alnus rugosa
Anacardiaceae Poison ivy	Rhus toxicodendron
Asclepiadaceae Common milkweed	Asclepias syriaca
Solanaceae Jimsonweed Deadly nightshade	Datura stramonium Solanum nigrum
Compositae Ragweed Common burdock Canada thistle Black-eyed susan Common dandelion	Ambrosia artemisiaefolia Arctium minus Crisium arcense Rudbeckia hirta Taraxacum officinale

COMMON PLANTS OF THE WALLKILL RIVER AREA, NEW YORK

Family Common Name	Scientific Name
Fragaceae White oak Swamp white oak Post oak Black oak	Quercus alba Quercus bicolor Quercus stellata Quercus velutina
Aceraceae Red maple Sugar maple Silver maple Box elder	Acer rubrum Acer saccharum Acer saccharinum Acer negundo
Salicaceae Weeping willow Black willow	Salix babylonica Salix nigra
Ulmaceae American elm	Ulmus americana
Platanaceae Sycamore	Platanus occidentalis
Aleaceae White ash	Fraxinus americana
Tiliaceae American basswood	Tilia americana
Lauraceae Sassafras	Sassafras albidum
Cornaceae Red osier dogwood	Cornus stolonifera
Umbelliferae Wild carrot	Daucus carota
Vitaceae Virginia creeper Summer grape	Parthenocissus quinquefolia Vitis aestivalis
Araceae Skunk cabbage Arrow arum	Symplocarpus foetidus Peltandra virginica

FISH SPECIES OF THE WALLKILL RIVER, NEW YORK

Family Common Name	Scientific Name
Centrarchidae	
Smallmouth bass	<i>Micropterus dolomieu</i>
Largemouth bass	<i>Micropterus salmoides</i>
Redbreast sunfish	<i>Lepomis auritus</i>
Pumpkinseed	<i>Lepomis gibbosus</i>
Rock bass	<i>Ambloplites rupestris</i>
Black crappie	<i>Pomoxis nigromaculatus</i>
Bluegill	<i>Lepomis macrochirus</i>
Percidae	
Walleye	<i>Stizostedion vitreum</i>
Yellow perch	<i>Perca flavescens</i>
Logperch	<i>Percina caprodes</i>
Cyprinidae	
Carp	<i>Cyprinus carpio</i>
Golden shiner	<i>Notemigonus crysoleucas</i>
Spottail shiner	<i>Notropis hudsonius</i>
Esocidae	
Grass pickerel	<i>Esox americanus vermiculatus</i>
Chain pickerel	<i>Esox niger</i>
Percichthyidae	
White perch	<i>Morone americana</i>
Ictaluridae	
Yellow bullhead	<i>Ictalurus natalis</i>
Catostomidae	
Lake chubsucker	<i>Erimyzone sucetta</i>
White sucker	<i>Catostomus commersoni</i>
Anguillidae	
American eel	<i>Anguilla rostrata</i>

REPTILES AND AMPHIBIANS OF THE WALLKILL RIVER, NEW YORK

Family	Common Name	Scientific Name
Ranidae	Green frog	<i>Rana clamitans melanota</i>
	Wood frog	<i>Rana sylvatica</i>
Hylidae	Spring peeper	<i>Hyla crucifer</i>
Testudinidae	Spotted turtle	<i>Clemmys guttata</i>
	Bog turtle	<i>Clemmys muhlenbergi*</i>
	Eastern box turtle	<i>Terrapene carolina</i>
	Eastern painted turtle	<i>Chrysemys picta picta</i>
Chelydridae	Snapping turtle	<i>Chelydra serpentina</i>
Colubridae	Eastern garter snake	<i>Thamnophis sirtalis sirtalis</i>
	Northern water snake	<i>Natrix sipedon sipedon</i>
	Black rat snake	<i>Elaphe obsoleta obsoleta</i>

\* Listed on New York State listing of Endangered Species.

WILDLIFE SPECIES OF THE WALLKILL RIVER AREA, NEW YORK

Family	Common Name	Scientific Name
Didelphidae	Virginia opossum	Didelphis marsupialis
Cricetidae	Muskrat	Ondatra zibethicus
	Deer mouse	Peromyscus maniculatus
	Meadow vole	Microtus pennsylvanicus
Canidae	Red fox	Vulpes vulpes
	Gray fox	Urocyon cinereoargenteus
Procyonidae	Raccoon	Procyon lotor
Mustelidae	Mink	Mustela vison
	Striped skunk	Mephitis mephitis
Leporidae	Eastern cottontail rabbit	Sylvilagus floridanus
Sciuridae	Gray squirrel	Sciurus carolinensis
	Woodchuck	Marmota monax
	Red squirrel	Tamiasciurus hudsonicus
	Southern flying squirrel	Glaucomys volans
	Eastern chipmunk	Tamias striatus
Castoridae	Beaver	Castor canadensis
Cervidae	White tailed deer	Odocoileus virginianus

APPENDIX C



SUPPLEMENTARY REPORT

to the

ENVIRONMENTAL IMPACT STATEMENT  
FOR PROPOSED TWO BRIDGES  
WALLKILL RIVER - POCHUCK CREEK  
VERNON, NJ

CULTURAL RESOURCE RECONNAISSANCE

Prepared for: STATE OF NEW JERSEY  
DEPARTMENT OF TREASURY  
Div. of Building and  
Construction

Prepared by: ROBERT OTT  
Environmental Planner  
P.P. #03051

Date: October 29, 1984

CULTURAL RESOURCE RECONNAISSANCE FOR  
TWO APPALACHIAN TRAIL FOOTBRIDGES  
VERNON AND WANTAGE TOWNSHIPS  
SUSSEX COUNTY, NEW JERSEY

I. Introduction

The following report details the results of a cultural resource reconnaissance conducted relative to the proposed construction of two footbridges for the Appalachian Trail in Sussex County, New Jersey (Figures 1 & 2). The first of these bridges is to be built over the Wallkill River immediately south of the New Jersey - New York state line in Vernon and Wantage Townships. The second bridge is to be built over Pochuck Creek approximately 1.25 miles south of the state line in Vernon Township. The proposed footbridges are to be designed and constructed in a manner appropriate to their surrounding landscapes and to the physical nature of the Appalachian Trail. Construction impacts will be entirely limited to the flood plains immediately adjacent to the two watercourses. These impacts will involve the excavation for and placement of bridge support footings and the construction of elevated approaches where necessitated by poor drainage. The cultural resource reconnaissance for the proposed project was completed in three phases: background research, field survey, and analysis and report preparation.

II. Physiography

The project area is located entirely within the Wallkill Valley in the northeastern corner of the Appalachian Valley and Ridge geomorphic province (Figure 3). The Wallkill River rises in Sussex County and flows northeast into New York to the Hudson River. Pochuck Creek is a major tributary of the Wallkill, also rising in Sussex County and flowing northward to its confluence with the river almost five miles above the New Jersey - New York state line. The bedrocks underlying the majority of the Wallkill Valley are limestones, but the proposed Wallkill River bridge site is actually located in the far northeastern corner of the Hudson River shale bedrock zone that borders the limestone region on the northwest (Snell 1881; Lewis & Kummel 1910-2; Wolfe 1977).

The Wallkill Valley has had a unique and significant geological history. During periods of glaciation the lower (northern) sections of the valley were filled with ice, blocking the river's drainage and creating a glacial lake to the south of the ice "dam". With the retreat of the region's final glacial stage (the Wisconsin) yet another "dam" was formed through the deposition of a wall of granite boulders and glacial till which stretched across the entire valley at Denton, New York (located approximately ten miles northeast of the Wallkill's crossing of the state line). This natural dam raised the level of the river and its tributaries to create what was known as the "Drowned Lands of the Wallkill" (Figures 4 & 5). Some 10,000 acres of these Drowned Lands were located in Sussex County, primarily along the Wallkill and Pochuck Creek. In 1881 these lands were described as having formerly been "an impenetrable marsh covered with rank vegetation" (Snell 1881:244). During the

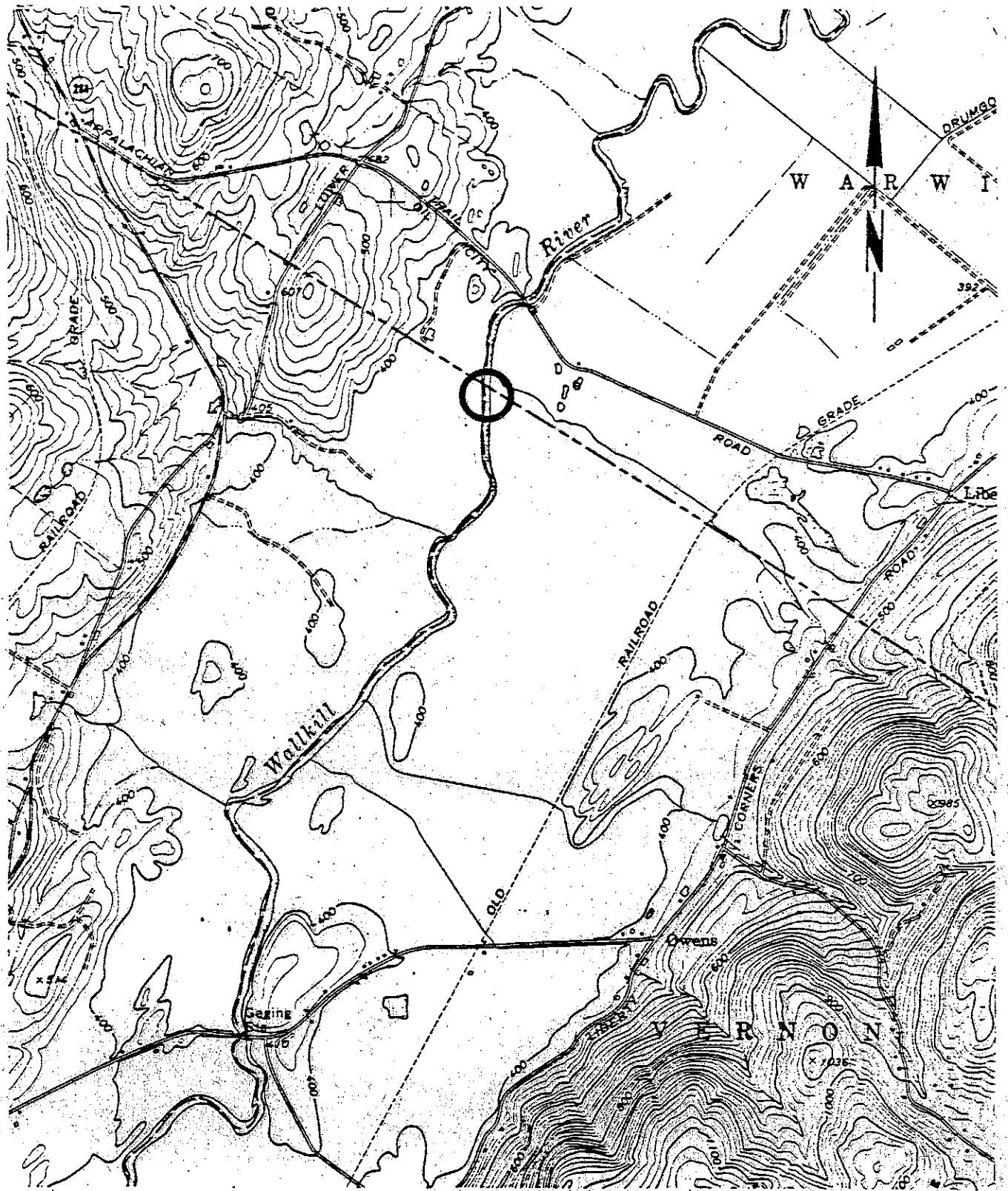


Figure 1. Walkill River footbridge location. USGS Unionville Quad.  
Scale: 1" = 2000'.

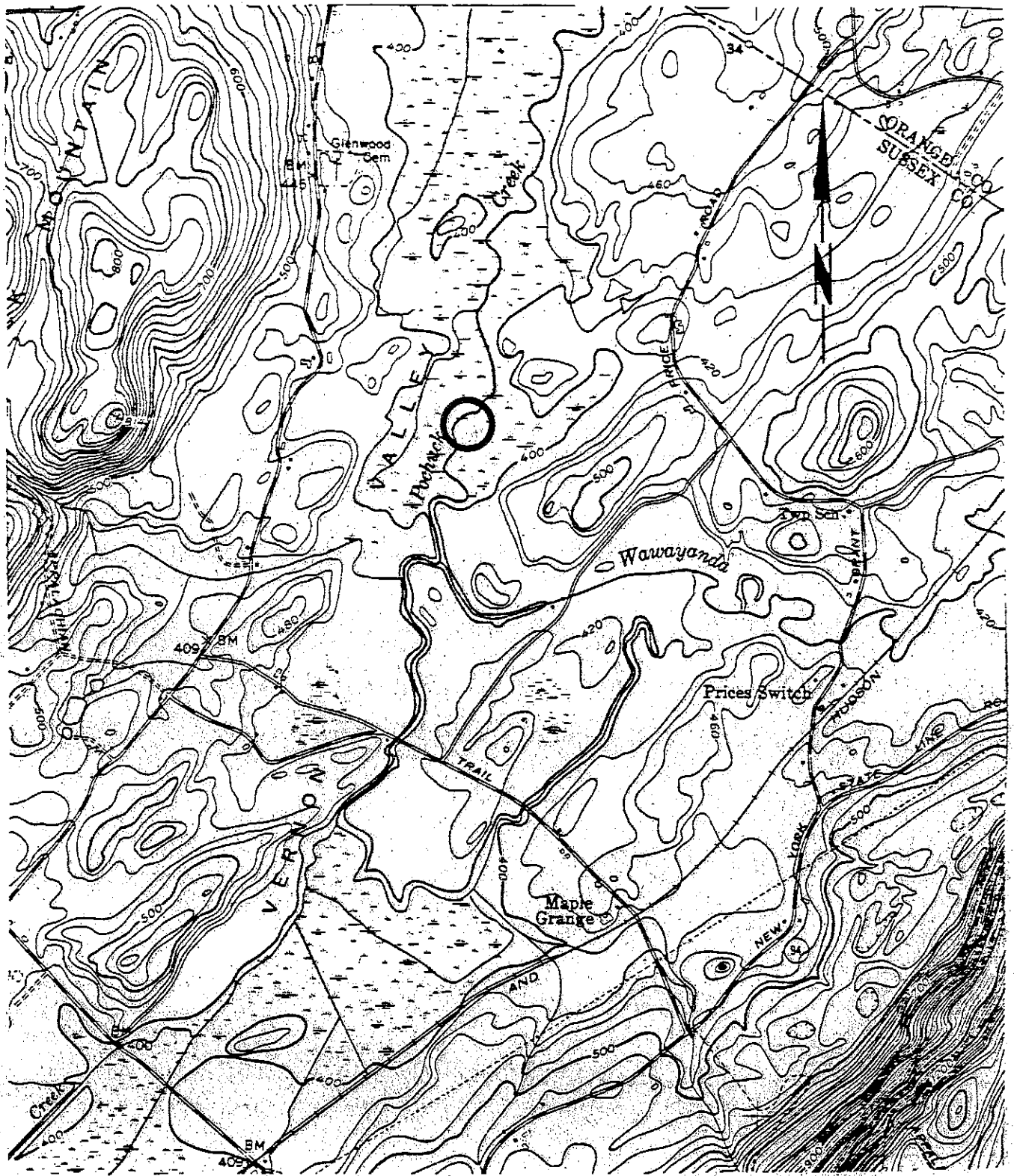


Figure 2. Pochuck Creek footbridge location. USGS Wawayanda Quad.  
Scale: 1" = 2000'.

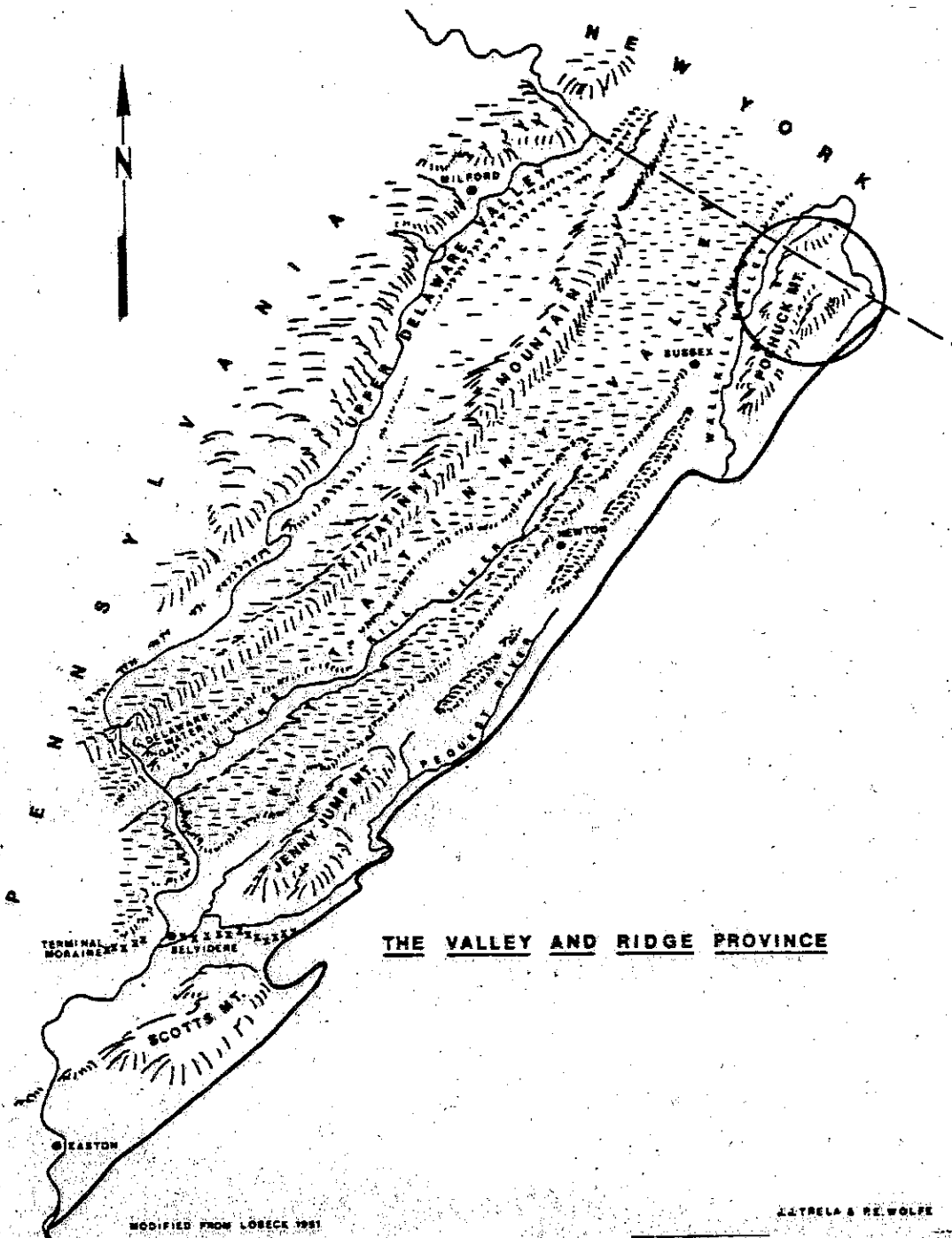


Figure 3. Appalachian Valley and Ridge geomorphic province. General project area indicated. Wolfe 1977: 209. Scale not given.

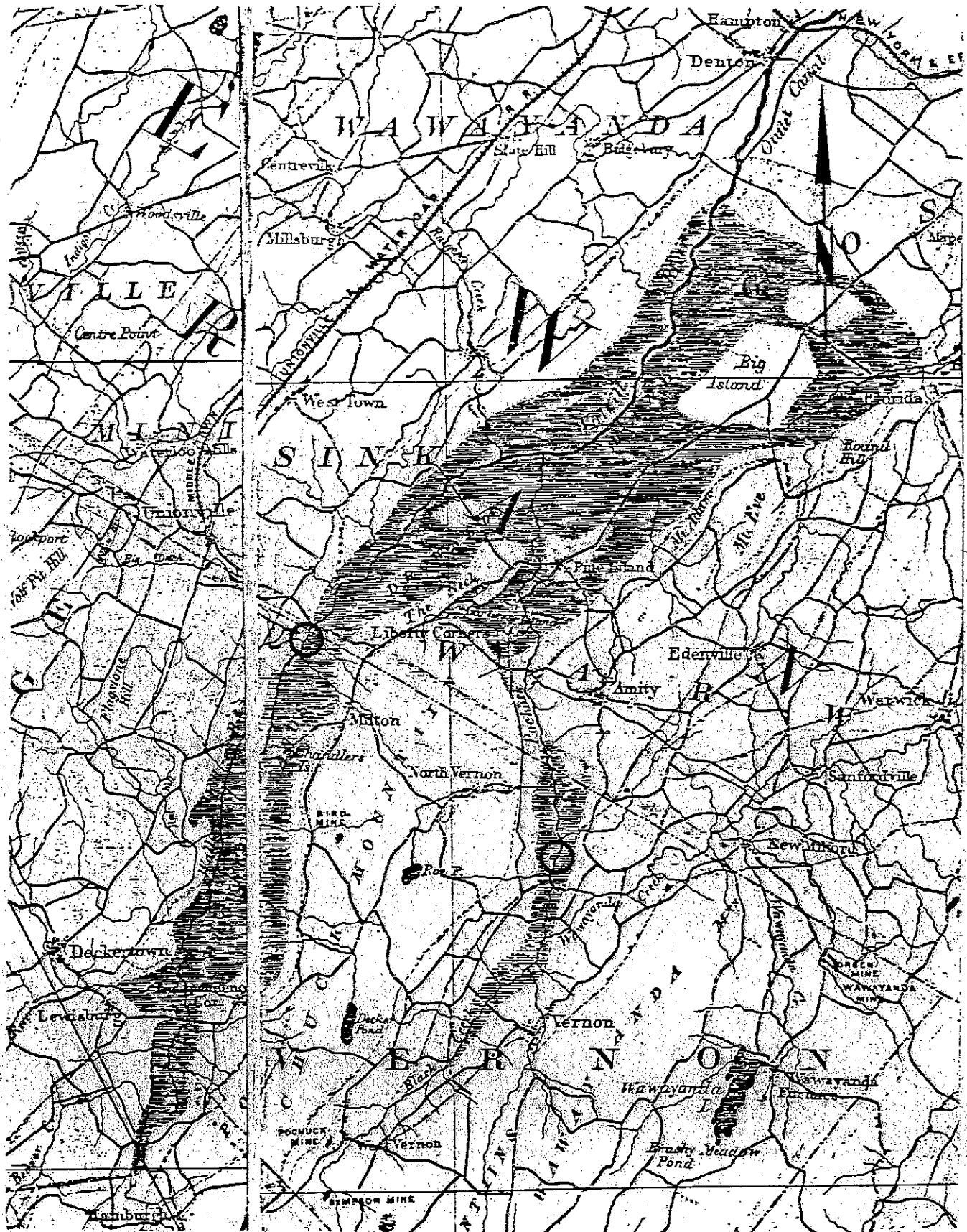


Figure 4. The Drowned Lands of the Wallkill. Footbridge sites indicated. Hopkins 1868. Scale: 1" = 2 miles.

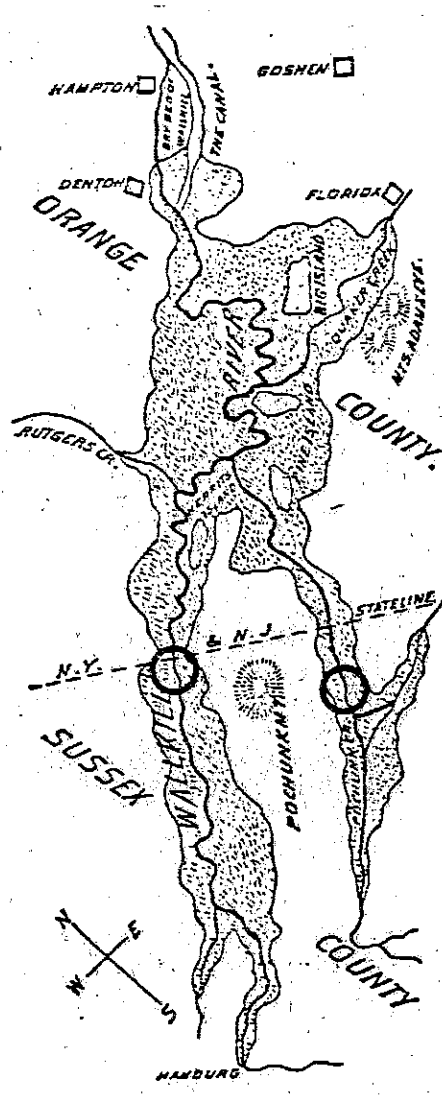


Figure 5. The Drowned Lands of the Wallkill. Footbridge sites indicated. Snell 1881: 244. Scale not given.

summer dry season the Drowned Lands were naturally drained to an extent that allowed for their use as pasture and cattle were allowed to graze on the wild marsh grasses. During these periods the several "islands", limestone-based elevations sited within the marshes, were relatively accessible. However, during the times of the spring freshets or other periods of heavy rainfall, flooding within the valley would at times reach depths of between eight and twenty feet. When not dry or flooded, the Drowned Lands were generally very wet, presenting an inhospitable, uninhabitable, and virtually unusable marshland environment. The present situation within the former Drowned Lands region was created during the 19th century as the area was eventually successfully drained in a farmland reclamation effort (see Historic Period section). The effect of this effort has been a lowering of the water level within the entire Wallkill Valley and the replacement of the former marshland environment by a "flood plain" environment more suited to various agricultural pursuits (Snell 1881; Wolfe 1977).

### III. Prehistoric Period

The aboriginal occupation of the Wallkill Valley region was concentrated on the well-drained terraces at the valley's edge and on the "islands" located within the Drowned Lands. These occupations can best be generally characterized as campsites utilized on a seasonal basis to varying levels of intensity during several cultural periods. The range of aboriginal cultures identified within the region to date includes those of the Archaic, Woodland, and Contact periods. The low-lying nature of the Drowned Lands (including the proposed bridge sites) would have been entirely unsuitable for any form of intensive utilization by aboriginal groups. The unique ecosystem provided by the marshland environment would have been exploited through hunting, fishing, and gathering activities, but the base camps from which these subsistence forays were launched would have been located on the "islands" and on the first terrace above the valley floor (New Jersey State Museum Site Maps and Files; Schrabisch 1915; Soil Systems 1982).

The nearest recorded aboriginal site to the proposed Wallkill River bridge is located approximately two miles to the south. This site (actually listed as two separate sites, 28-Sx-37 and 28-Sx-239, in the records of the New Jersey State Museum) is located on Chandler's Island within the Drowned Lands on the east side of the river (just north of the intersection of Bassett's Bridge and Owens Station Roads). This site was first identified by Schrabisch (1915: 70-3), who conducted some fairly extensive excavations there. He reported the presence of two rock shelters, the larger of which was known as the Owens Rock Shelter, and characterized both as former fishing stations. The rock shelter sites were also noted in a later archaeological survey conducted by Cross (1941:254). Despite the presence of the Chandler's Island site, Schrabisch described the Wallkill Valley region as being "comparitively poor in aboriginal remains" (1915:65). The proposed bridge site is located within the former Drowned Lands quite distant from any landform potentially suitable for aboriginal habitation; it is approximately 1500' east of the western edge of the valley and approximately 2000' south of the nearest "island".



The nearest recorded aboriginal sites to the proposed Pochuck Creek bridge are located approximately one mile to the north. These two sites (28-Sx-241 and 28-Sx-242 in the records of the New Jersey State Museum) are located within a short distance of one another on the first terrace on the west side of the creek just below the New Jersey - New York state line. There are also two additional sites (28-Sx-243 and 28-Sx-244) located on the same eastern terrace approximately two miles to the south of the proposed bridge site (just west of the town of Vernon). All four of these sites were also first reported by Schrabisch (1915:73) in his archaeological survey of Sussex County. Despite the presence of these sites, however, Schrabisch characterized this area as being "extremely poor in aboriginal remains". The two sites at the state line appear to have represented campsites of fairly intensive aboriginal utilization (Schrabisch described them as "villages", certainly an exaggeration), while the two sites near Vernon were apparently less complex (one site was apparently a lithic workshop, while the other represented only a single find). The proposed bridge site is located within the former Drowned Lands and is approximately 1000' distant from the valley terraces to both the east and west.

#### IV. Historic Period

European settlement within the Wallkill Valley region began during the first half of the 18th century. Among the earliest arrivals were those of Dutch and French Huguenot descent from the Hudson Valley who had migrated southwest along the New York State portions of the Wallkill Valley. Other groups also began settling in the region both before and after 1750, most notably those of English heritage who traced their ancestry to the older settlements of East Jersey (and to the even older settlements of New England). Also arriving during the 18th century were German, Scottish, and Irish immigrants from Pennsylvania and Hunterdon County. The vast majority of these early settlers were farmers, and the rural agricultural landscape which they established in the Wallkill Valley region remains much in evidence today. A more traditional and generalized form of agriculture was practiced in the region into the 19th century. By the middle of that century, however, dairy farming had emerged as the region's dominant activity, with grain cultivation and general agriculture assuming more secondary roles. This dairy-based cultural landscape remained unchanged well into the 20th century, and only recently has suburban development begun to alter certain portions and aspects of this rural environment (Webb 1872; Snell 1881; Works Progress Administration 1939; Decker 1947; Schmidt 1973; Wacker 1975).

The early farmer/settlers of the Wallkill Valley, in seeking to locate on the most agriculturally suitable land, occupied fairly rapidly the fertile upland terraces flanking the region's watercourses (including the Wallkill River and Pochuck Creek). These, of course, were the same areas previously occupied by aboriginal groups, and, like the Indian peoples who had preceded them, the region's European inhabitants realized that the drainage problems within the Drowned Lands put severe limitations on the ways in which those lands could be utilized. This vast marshland, which had been well-defined cartographically by the time of the American Revolution (Figure 6), was of little use except as pasture land during the summer dry season. However, with the first years of the 19th century those owning property within the Drowned Lands initiated an



Figure 6. The Drowned Lands of the Wallkill as depicted on a map of New Jersey at the time of the American Revolution. General project area indicated. Faden 1778. Scale: 1" = 6.666 miles.

organized effort to provide for the drainage of the marsh in hopes of gaining more and better pasture land and tillable soils. In 1807 the Legislature of the State of New York passed a law appointing a board of commissioners to oversee the drainage project and authorizing an assessment of those owning land within the marsh to finance the said project. In the two decades that followed attempts to drain the Drowned Lands through a deepening of stream channels was almost entirely unsuccessful (Webb 1872; Snell 1881; Decker 1947; Wacker 1975).

In 1826 the New York Legislature again acted upon the Drowned Lands issue as authorization was granted for the construction of a canal which would bypass the natural "dam" at Denton, thereby allowing for the drainage of the marshlands. This proposed project met with stiff opposition from those holding water power rights to the Wallkill at Hampton, N.Y., a short distance to the north of Denton. The canal, which was to be three miles in length, would bypass Hampton and destroy the water power sites on the Wallkill's natural channel. A long and difficult legal and political fight resulted, with those seeking to drain the marshlands unable to gain the necessary approvals and complete the controversial canal until 1835. It seems likely that a second smaller canal, designed to link Pochuck and Wawayanda Creeks and further facilitate the drainage efforts (and located approximately 2000' to the south of the Pochuck Creek bridge site), was also completed at about this time (Webb 1872; Snell 1881; Decker 1947; Lefferts & Peifer 1979).

With the completion of the canal the worst fears of the Hampton water power interests became reality. With the passage of time, water action rapidly increased the size and carrying capacity of the canal, eventually resulting in the total abandonment of the Wallkill's natural channel. Over the years, the water power interests attempted several times to refill the former channel by damming the canal, but each time such a dam was built it was quickly destroyed by the farmers who owned the drained lands to the south. These activities continued until 1871 when the water power interests were ordered to cease and desist in a judicially rendered decision which was not appealed. Although devastating to the owners of the mills and factories at Hampton, the canal project was successful in reclaiming thousands of acres of fertile muck soils and more useful grazing land. Despite this success, however, a considerable portion of the former Drowned Lands, particularly those low-lying areas closest to watercourses such as the Wallkill and its primary tributaries remained very poorly drained (Figure 7). Some sections of the former marshland (including both proposed bridge sites) have remained quite susceptible to periodic flooding episodes to the present day (Webb 1872; Snell 1881; Decker 1947; Wacker 1975).

The sole cultural resource of any significance to be identified within the project area was the Appalachian Trail itself. This significance has been recognized through federal legislation providing for the Trail's protection. The Appalachian Trail was conceived as a continuous foot trail which would stretch from Maine to Georgia within the Appalachian Ridge and Valley geomorphic province. Planning for the construction of the trail began at the turn of the present century, with the results of a rather lengthy planning phase being published in 1921. Actual construction began several years later,

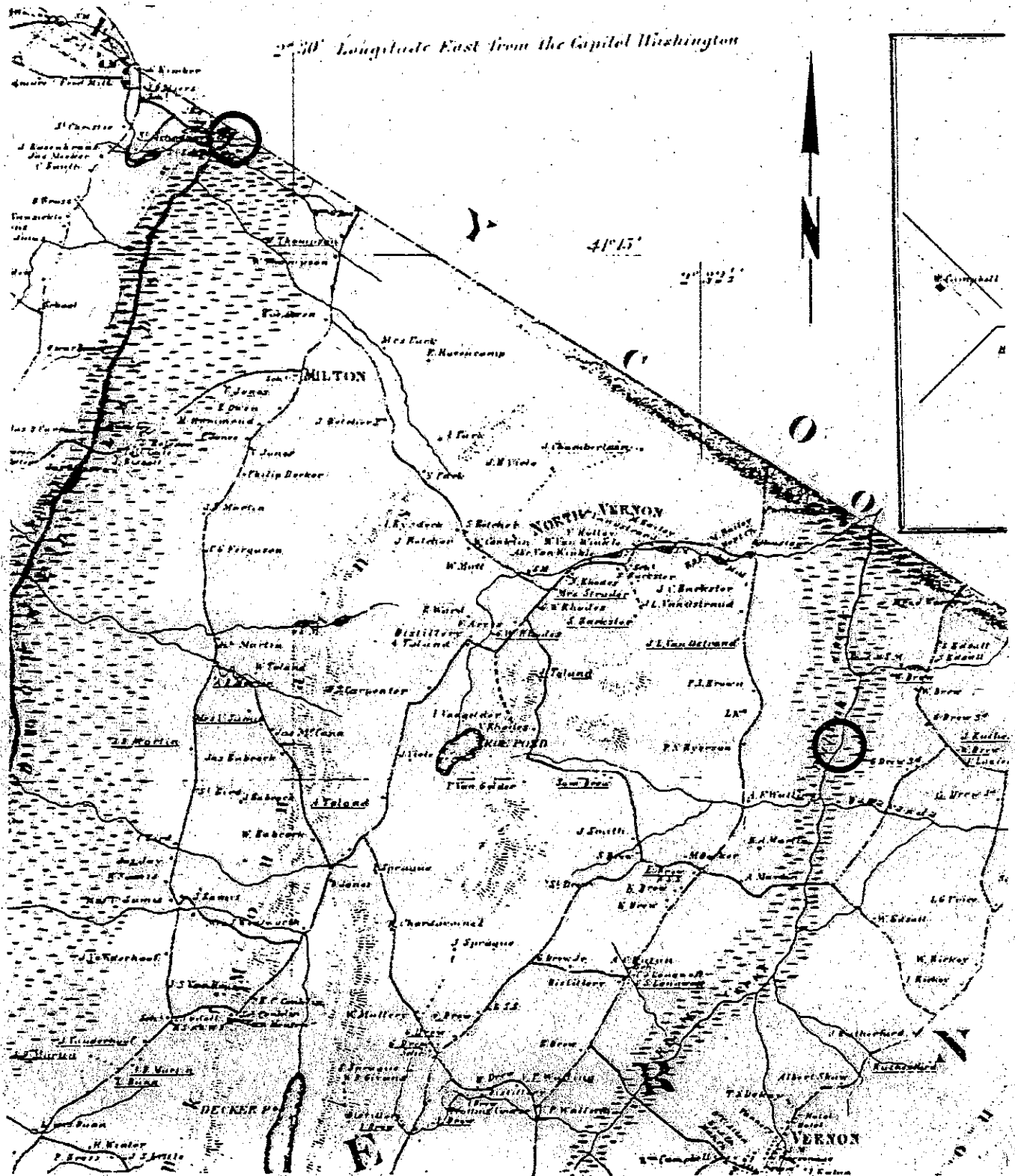


Figure 7. Portion of map of Sussex County showing continued existence of marshland environment within the Drowned Lands area at the time of the Civil War. Footbridge sites indicated. Hopkins 1860. Scale: 1" = .666 of a mile.

and by 1930 several large segments of the trail had been completed in several different regions. The segment located within the state of New Jersey was completed by 1931. The entire project was finally finished just prior to the Second World War. The importance of the Appalachian Trail has been widely recognized and it has consistently enjoyed various forms of federal protection, most notably a 1968 law affirming its significance and promoting its efficient management. The trail, as conceived, was intended to provide a pleasant walking or hiking corridor through rural and wooded landscapes that would connect various parks, natural areas, and preserves. The proposed bridge construction is part of a larger project which will alter the present course of the trail. As it presently exists, the trail in the Wallkill region depends largely on local roads as its "right-of-way". The proposed rerouting of the trail will result in its following a course through a more rural landscape, free of those less appropriate features commonly associated with local roads, notably cars, modern housing and other aspect of an expanding suburban environment (Office of New Jersey Heritage Maps and Files; Leo & Rutsch 1978).

#### V. Field Survey

In-field archaeological survey was conducted to the level of a reconnaissance investigation. This level of investigation involved a pedestrian survey of the proposed Wallkill River and Pochuck Creek footbridge sites which allowed for the visual examination of those sites and their associated cultural landscapes and environments. The said sites, landscapes, and environments were photographically recorded as appropriate. Surface collection and stream bank examination was conducted in an effort to identify any possible physical indications of cultural resources (i.e. artifact scatters, architectural feature remains, ground surface anomalies, etc.). Soils and stratigraphic data was acquired through stream bank examination and an analysis of boring records provided by the project engineer and primary environmental consultant. No archaeological subsurface excavations of any type were conducted as part of this survey. No cultural resources were encountered within either of the two segments of the project area.

The Wallkill River bridge footings and elevated walkways would be located on the low flood plain which extends both east and west of the river channel. The flood plain is approximately 1300' wide to the west of the river and nearly a mile wide to the east. There are several small "islands" to the north and south of the bridge site, with the nearest being approximately 1500' to the north in New York State. There is a small late 19th - early 20th century industrial complex approximately 1000' northwest of the bridge site which consists of several brick and concrete block structures. Slag and other waste deposits from this complex (still functioning under the name Carnegie Industries) are apparent to the east of its central core, but none of these deposits is located in proximity to the bridge site. The remains of fence lines along the river and running between the river and the upland reflect the agricultural utilization of the flood plain as either pasture land or farm fields supporting water-tolerant crops. This agricultural utilization was made possible by the draining of the Drowned Lands. No cultural features or

materials were encountered along the bank of the river or on the surface of the adjacent flood plain (presently covered in meadow grass). The topsoil in the area of the proposed bridge site is a layer of brown silt about 2' thick. Below this topsoil strata is a thick (7' - 10') layer of moist dark brown peat, a remnant of the valley's former existence as a marshland. Below the peat are thick layers of silty subsoil which rest upon shale bedrock.

The Pochuck Creek bridge footings and elevated walkways would also be located on a low flood plain similiar to that discussed above. Here the said flood plain is approximately 2000' wide, with the stream channel located generally at its center. There are no "islands" of note within this portion of the former Drowned Lands. The flood plain here was probably utilized agriculturally as both pasture and farm land during the 19th and 20th century after the draining of the marshlands. No cultural features or materials were encountered along the bank of the creek or on the surface of the adjacent flood plain (also now in meadow grass). The topsoil in this area was a thicker (about 6') layer of a slightly clayey silt. Below this was a thicker strata of moist clayey silt with indications of decaying vegetation (again a remnant of a marshland environment). The subsoil in this area was a sand with some gravel inclusions, a reflection of the region's limestone bedrock.

## VI. Conclusion

No cultural resources were encountered in or near the proposed locations of the Wallkill River and Pochuck Creek bridges and associated elevated walkways. All of these proposed locations are located within what was formerly a large marshland known as the Drowned Lands of the Wallkill. This area remained a marshland until the commencement of drainage activities in the 19th century which over time have produced the present flood plain environment. Aboriginal groups, while utilizing the varied resources available within the Drowned Lands area, established their campsites on the first terrace adjacent to the marsh or on the "islands" within it. European settlement also concentrated on the fertile, well-drained upland soils adjacent to the Wallkill Valley, utilizing the Drowned Lands only as seasonal grazing land. The drainage projects of the 19th century allowed for a year-round utilization of the former marshes as pasture land and permitted some farming activities, but the persistence of flooding and other problems in low-lying areas assured that no further development could occur. In-field survey verified the negative findings of the background research phase as no cultural features or materials were encountered. The only such resource identified in association with the said project is the Appalachian Trail, and the sensitive construction of the proposed bridges will allow for the rerouting of the trail from its present course along local roads to a new course through a rural environment more appropriate to the trail as originally designed. The proposed project is therefore viewed as having a beneficial effect on the Appalation Trail, a cultural resource embodying potential National Register significance.



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QUALIFICATIONS

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RICHARD L. PORTER

Education

M.A., American History, Rutgers College, Rutgers University, New Brunswick, N.J., 1981

B.A., History, Muhlenberg College, Allentown, Pa., 1975

Experience

1983-present Vice-President/Historian, Heritage Studies, Inc., Princeton, N.J.

Technical and managerial responsibilities for historical research components of all Heritage Studies projects.

Participation in:

- Archival and cartographic research
- Oral historical research
- Preparation of proposals and cost estimates
- Client negotiation
- Project planning, budgeting, and scheduling
- Recruitment and supervision of personnel
- Report preparation and historical writing
- Office and fiscal management

1981-present Archival Technician, Bureau of Archives and Records Management, Archives Section, Department of State, State of New Jersey.

Supervising weekend services offered by the State Archives and providing professional assistance to members of the public engaged in historical and genealogical research.

1981-1983 Senior Historian, Cultural Resource Group, Louis Berger & Associates, Inc., East Orange, N.J.

Directed all historical research on major cultural resource surveys and mitigation projects in the Mid-Atlantic region. Primary responsibility for all historical sections of reports with additional writing and editing responsibilities for other report components. Participation in most tasks specified under Heritage Studies, Inc.

1979-1981

Historical Consultant, Morristown, N.J.

Worked with various firms and individuals providing full range of historical research and writing for cultural resource surveys, architectural surveys, preservation plans, and National and State Register nominations. Developed detailed knowledge of national, regional, and local repositories containing primary and secondary research materials. Gained further experience in the utilization of public records for historical analysis. Results of research were applied to archaeological and architectural situations, individual sites and regional overviews.

1977-1979

Historian/Archaeologist, Rutgers Archaeological Survey Office, Rutgers University, New Brunswick, N.J.

Conducted historical research and writing and participated in archaeological fieldwork for numerous cultural resource surveys and mitigation projects. Major projects included: the survey and excavation of Raritan Landing, Piscataway Township, Middlesex County, N.J. prior to sewer construction (served as historian and archaeological crew chief; also assisted in the execution and analysis of the ground-penetrating radar survey of this site); cultural resource surveys for the proposed Raritan Confluence Force Main, Pumping Station, and Reservoir in Somerset and Hunterdon Counties, N.J.; the cultural resource survey for Route I-195 in Howell Township, Monmouth County, N.J.

#### Professional Affiliations

National Trust for Historic Preservation  
Society for Historical Archaeology  
Society for Industrial Archaeology  
Council for Northeast Historical Archaeology  
New Jersey Historical Society  
Preservation New Jersey  
Archaeological Society of New Jersey

#### Awards

Phi Alpha Theta

APPENDIX D

March 8, 1985

State of New Jersey  
Department of Environmental Protection  
Division of Water Resources  
P. O. Box CN 029  
Trenton, NJ 08625

Attention: Mr. John H. O'Dowd  
Bureau of Flood Plain Management

Re: Sussex, New Jersey  
Pedestrian Bridges for  
Appalachian Trail  
Wallkill River and Pochuck Creek  
Permit Applications  
DBC File No. P-375  
Our File No. 721

Gentlemen:

Transmitted herewith is the following information for a Stream Encroachment Permit:

1. CP-1 Form - Wallkill River Proposed Bridge Site
2. CP-1 Form - Pochuck Creek Proposed Bridge Site
3. DEP Stream Encroachment Section Letter dated 7/12/82
4. Pre-application meeting of 1/24/85 Minutes prepared by Gar Chew Lai's Office
5. Vicinity Map of Proposed Bridge Locations
6. Form Letter of Notice to Local Agencies, as required by DEP  
Wallkill River Bridge Site  
List of notices sent  
Receipts for Certified Mail numbers
7. Form Letter of Notice to Local Agencies, as required by DEP  
Pochuck Creek Bridge Site  
List of notices sent  
Receipts for Certified Mail numbers

State of New Jersey  
Department of Environmental Protection  
Division of Water Resources

March 8, 1985

8. Proposed Catwalk Dwg. 721-3 (for west approach to Pochuck Creek Bridge)
9. Dept. of Conservation and Economic Development Sheet 22, indicating Proposed Bridge Locations
10. USGS Wawayanda - Quadrangle (portion), indicating location of Proposed Pochuck Creek Bridge Site
11. Location Map, Pedestrian Bridge, Wallkill River, Dwg. 721-1
12. Location Map, Pedestrian Bridge, Pochuck Creek, Dwg. 721-2
13. Plan and Profile - Appalachian Trail Crossing Wallkill River, Dwg. 721-5 (5 copies)
14. Plan and Profile - Appalachian Trail Crossing Pochuck Creek, Dwg. 721-6 (5 copies)
15. Two checks, in the amount of One Hundred Dollars each, for the permit application fees

A Catwalk is proposed for the west approach of the Proposed Pochuck Creek Bridge. This approach is a lowland, has small water channels, and is wet even during dry periods. Boots are necessary to cross this land. This State owned land west of the bridge site is approximately 2200 feet to Route 517. The elevated catwalk will allow grassland growth, surface water flow, and will not inhibit the natural environment of the lowland.

The top of the concrete footings for the proposed bridges are level with the existing grade. Two to three foot columns are proposed on top of the footing to support the bridges in order to raise the bridges above minor flooding of the water channels. These columns are depicted on the Plan and Profile drawings.

Very truly yours,

GAR CHEW LAI ENGINEERS

*Lawrence Edler*

Lawrence Edler, P.E.

LE:mvd  
Enclosures  
cc: Terry D. Pollin, DBC

APPENDIX E



State of New Jersey  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

STANDARD APPLICATION FORM (CP #1)  
CONSTRUCTION AND DISCHARGE PERMITS

READ REQUIREMENTS  
PLEASE TYPE OR PRINT

State of New Jersey  
Department of Environmental Protection  
1. Applicant/Owner Div. of Parks and Forestry Telephone (609) 292-2734  
Russell W. Myers, Director  
Permanent Legal Address CN 404  
City or Town Trenton State NJ Zip Code 08625

2. Location of Work Site Wallkill River  
Name of Facility, if applicable Appalachian Trail  
Street/Road \_\_\_\_\_  
Lot No. 3A Block No. 1  
~~City or~~ Town Wantage State NJ Zip Code 07461  
Municipality \_\_\_\_\_ County Sussex

3. If applicable, give name of: ~~Engineer, Surveyor, Well Driller, Geologist, Soil Scientist~~ (Specify).  
Name Gar Chew Lai N.J. License No. GE 10585  
Name of Firm, if employee \_\_\_\_\_  
Address 10 Evergreen Avenue County Passaic  
Municipality North Haledon State NJ Zip Code 07508  
Telephone (201) 427-7752

4. This is an application for Stream Encroachment Permit  
(Name of permit, certification, approval or exemption. See Item 9. Next Page.)  
Pedestrian bridge over Wallkill River

5. Fee is attached (if applicable). \$ 100.00  
(Provide explanation of how fee was calculated. Read Requirements Section of Standard Application booklet.)

6. Estimated construction cost of project:  
a. \$ 150,000 total cost of the project.  
b. \$ 150,000 portion for which this permit is requested.

7. I have included certifications of any public notifications. Yes  No \_\_\_\_\_

8. If applicable:  
(For Waterfront Development applications, &c. must be completed.)  
a. Source of Water Supply \_\_\_\_\_  
b. For Treatment at (Water Treatment Plant) \_\_\_\_\_  
c. Stream, Waterway, Pond or Lake Wallkill River  
d. Wastewater Treatment Facility \_\_\_\_\_

FOLLOW INSTRUCTIONS CAREFULLY  
READ REQUIREMENTS SECTION



9. Have any other applications for this site/project been submitted, or have any state permits been issued for this project? (If yes, indicate status and project number below.)

No  Yes  Decision

PERMIT TYPE	APPLICATION STATUS (PENDING - APPROVED)	PROJECT #
9.1 CAFRA		
9.2 Waterfront Development (Riparian)		
9.3 Wetlands		
9.4 Purchase Water		
Diversion:		
9.5 Divert Water Supply for Public Use		
9.6 Divert Surface Waters for Private Use		
9.7 Divert Subsurface/Percolating Water for Private Use		
9.8 Well Drilling		
Water Lowering:		
9.9 Permanent Lowering		
9.10 Temporary Lowering		
9.11 Construct/Modify, Operate Public Potable Water Works		
9.12 Connection between an approved water supply and non-approved supply		
9.13 Water Quality Certification		
9.14 Construct/Repair Dam		
9.15 Stream Encroachment		
9.16 Sewer Systems: Collectors, Pump Station, etc.		
9.17 Exemption from Sewer Ban		
9.18 New Jersey Pollutant Discharge Elimination System (Specify)		
9.19 Solid Waste Permits (Specify)		
9.20 Air Quality Permits (Specify)		
9.21 Delaware and Raritan Canal Review Zone "Certificate of Approval"		
9.22 Other State agencies' permits		
9.23 Local Permits		
9.24 Federal Permits		

10. Brief Description of the Proposed Project and Intended Use:

Pedestrian bridge for Appalachian Trail to be constructed over Wallkill River.  
Temporary fill used for construction to be removed.

11. I hereby certify that the information furnished on this application (and the attachments) is true. I am aware that false swearing is a crime in this State and subject to prosecution.

1 February 1985  
Date

Russell W. McGee  
Signature of Applicant

**ENDORSEMENTS**

SOME PERMIT APPLICATIONS REQUIRE SPECIFIC ENDORSEMENTS OF OWNERS, AGENTS, MUNICIPALITIES, ETC. ENDORSEMENTS MAY BE REQUIRED FOR YOUR PERMIT.

VERIFY THE NEED FOR ENDORSEMENTS IN THE "REQUIREMENTS" SECTION OF THE STANDARD APPLICATION FORM CP #1 BOOKLET OR WITH THE APPROPRIATE DEP AGENCY.

\*\*\*\*\*

**A. OWNER'S CERTIFICATIONS \***

I hereby certify that State of New Jersey - Division of Parks and Forestry  
*Property Owner's Name*

is the owner of the property upon which the proposed work is to be done. (Indicate if the work is to be done within an easement.) This endorsement is certification that the owner grants permission for the conduct of the proposed activity.

Certify whether any part of the entire project (~~gas pipeline, roadway, cable, transmission line, etc.~~) will be located within property belonging to the State of New Jersey (Yes X, No     )  
Pedestrian Bridge

\_\_\_\_\_  
\_\_\_\_\_  
*Type: Name of Owner and Date  
Address, if different from Item #1*

Russell W. Myers  
*Signature of Owner*

\* Not required for Sewer System Application

**B. APPLICANT'S AGENT**

I, the applicant (name) State of New Jersey  
Dept. of the Treasury, Div. of Building and Construction  
authorize to act as my agent/representative in all matters pertaining to my application the following person:

Name Gar Chew Lai, P.E. Phone (201) 427-7752  
Address 10 Evergreen Avenue County Passaic  
City or Town North Haledon State NJ Zip Code 07508  
Occupation/Profession Professional Engineer

Russell W. Myers  
*Signature of Applicant*

**AGENT'S CERTIFICATION**

Sworn before me ANGELA T. KUGEL  
NOTARY PUBLIC OF NEW JERSEY  
this 8<sup>th</sup> day of March My Commission Expires Sept. 8, 1986  
19 85

I agree to serve as agent for the above-named applicant

Angela T. Kugel  
*Notary Public*

Gar Chew Lai  
*Applicant's Agent*

**C. ENDORSEMENTS BY THE MUNICIPALITY AND SEWERAGE AUTHORITY**

1. The applicant shall, where applicable, submit a copy of both the municipal and affected sewerage authority's endorsements with the application. The endorsements must be in the form of resolutions by the governing body of the municipality and sewerage authority accepting and approving the project as proposed by the applicant.
2. The sewerage authority endorsements must include a statement that the sum of the committed and actual flows have not exceeded the treatment works design capacity. Included with this statement shall be a second statement that the treatment plant is meeting its New Jersey Pollutant Discharge Elimination System permit and/or its National Pollutant Discharge Elimination System permit requirements and will continue to do so with the additional flow.
3. Lastly, all endorsements must include a statement that the proposal is in conformance with applicable 201 Facilities Plans and 208 Water Quality Management Plans.

**D. STATEMENT OF PREPARER OF PLANS, SPECIFICATIONS AND ENGINEER'S REPORT**

I hereby certify that the engineering plans, specifications and engineer's report applicable to this project comply with the current rules and regulations of the State Department of Environmental Protection with the exceptions as noted.

  
\_\_\_\_\_  
*Signature of Engineer*

Gar Chew Lai, P.E.

3-8-85

\_\_\_\_\_  
*Type: Name and Date*

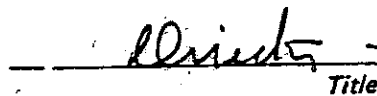
Principal - Gar Chew Lai, Consulting Engineer

\_\_\_\_\_  
*Position, Name of Firm*

**E. OWNER'S COMPLIANCE WARRANT (NJPDES ONLY)**

I, the owner, hereby agree that any treatment works constructed to meet the NPDES/NJPDES permit discharge limits will be properly constructed and operated to meet those limits. I also warrant that the discharge(s) will meet the effluent limitations as described in the NPDES/NJPDES permit, as issued.

  
\_\_\_\_\_  
*Signature of Owner*

  
\_\_\_\_\_  
*Title*

\_\_\_\_\_  
*Date*



**State of New Jersey**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**STANDARD APPLICATION FORM (CP # 1)**  
**CONSTRUCTION AND DISCHARGE PERMITS**

**READ REQUIREMENTS**  
**PLEASE TYPE OR PRINT**

- State of New Jersey  
 Department of Environmental Protection
1. Applicant/Owner Div. of Parks and Forestry Telephone (609) 292-2734  
Russell W. Myers, Director  
 Permanent Legal Address CN 404  
 City or Town Trenton State NJ Zip Code 08625
  
  2. Location of Work Site Pochuck Creek  
 Name of Facility, if applicable Appalachian Trail  
 Street/Road \_\_\_\_\_  
 Lot No. 10 Block No. 31  
~~City or~~ Town Vernon State NJ Zip Code 07462  
 Municipality \_\_\_\_\_ County Sussex
  
  3. If applicable, give name of: Engineer ~~Surveyor/Professional Geologist/Soil Scientist~~ (Specify).  
 Name Gar Chew Lai N.J. License No. GE 10585  
 Name of Firm, if employee \_\_\_\_\_  
 Address 10 Evergreen Avenue County Passaic  
 Municipality North Haledon State NJ Zip Code 07508  
 Telephone ( 201 ) 427-7752
  
  4. This is an application for Stream Encroachment Permit  
 (Name of permit, certification, approval or exemption. See Item 9. Next Page.)  
Pedestrian bridges over Pochuck Creek
  
  5. Fee is attached (if applicable). \$ 100.00  
 (Provide explanation of how fee was calculated. Read Requirements Section of Standard Application booklet.)
  
  6. Estimated construction cost of project:  
 a. \$ 110,000 total cost of the project.  
 b. \$ 110,000 portion for which this permit is requested.
  
  7. I have included certifications of any public notifications. Yes X No \_\_\_\_\_
  
  8. If applicable:  
 (For Waterfront Development applications, &c. must be completed.)  
 a. Source of Water Supply \_\_\_\_\_  
 b. For Treatment at (Water Treatment Plant) \_\_\_\_\_  
 c. Stream, Waterway, Pond or Lake Pochuck Creek  
 d. Wastewater Treatment Facility \_\_\_\_\_

**FOLLOW INSTRUCTIONS CAREFULLY**  
**READ REQUIREMENTS SECTION**

9. Have any other applications for this site/project been submitted, or have any state permits been issued for this project? (If yes, indicate status and project number below.)

No  Yes ..... Decision .....

PERMIT TYPE	APPLICATION STATUS (PENDING - APPROVED)	PROJECT #
9.1 CAFRA .....	_____	_____
9.2 Waterfront Development (Riparian) .....	_____	_____
9.3 Wetlands .....	_____	_____
9.4 Purchase Water .....	_____	_____
Diversions:		
9.5 Divert Water Supply for Public Use .....	_____	_____
9.6 Divert Surface Waters for Private Use .....	_____	_____
9.7 Divert Subsurface/Percolating Water for Private Use .....	_____	_____
9.8 Well Drilling .....	_____	_____
Water Lowering:		
9.9 Permanent Lowering .....	_____	_____
9.10 Temporary Lowering .....	_____	_____
9.11 Construct/Modify, Operate Public Potable Water Works .....	_____	_____
9.12 Connection between an approved water supply and non-approved supply .....	_____	_____
9.13 Water Quality Certification .....	_____	_____
9.14 Construct/Repair Dam .....	_____	_____
9.15 Stream Encroachment .....	_____	_____
9.16 Sewer Systems: Collectors, Pump Station, etc. ....	_____	_____
9.17 Exemption from Sewer Ban .....	_____	_____
9.18 New Jersey Pollutant Discharge Elimination System (Specify) .....	_____	_____
9.19 Solid Waste Permits (Specify) .....	_____	_____
9.20 Air Quality Permits (Specify) .....	_____	_____
9.21 Delaware and Raritan Canal Review Zone "Certificate of Approval" .....	_____	_____
9.22 Other State agencies' permits .....	_____	_____
9.23 Local Permits .....	_____	_____
9.24 Federal Permits .....	_____	_____

10. Brief Description of the Proposed Project and Intended Use:

Pedestrian bridge for Appalachian Trail to be constructed over Pochuck Creek.  
Temporary fill used for construction shall be removed after construction.

11. I hereby certify that the information furnished on this application (and the attachments) is true. I am aware that false swearing is a crime in this State and subject to prosecution.

1 February 1985  
Date

Russell W. McGee  
Signature of Applicant

ENDORSEMENTS

SOME PERMIT APPLICATIONS REQUIRE SPECIFIC ENDORSEMENTS OF OWNERS, AGENTS, MUNICIPALITIES, ETC. ENDORSEMENTS MAY BE REQUIRED FOR YOUR PERMIT.

VERIFY THE NEED FOR ENDORSEMENTS IN THE "REQUIREMENTS" SECTION OF THE STANDARD APPLICATION FORM CP #1 BOOKLET OR WITH THE APPROPRIATE DEP AGENCY.

**A. OWNER'S CERTIFICATIONS \***

I hereby certify that State of New Jersey - Division of Parks and Forestry  
*Property Owner's Name*

is the owner of the property upon which the proposed work is to be done. (Indicate if the work is to be done within an easement.) This endorsement is certification that the owner grants permission for the conduct of the proposed activity.

Pedestrian Bridge

Certify whether any part of the entire project (~~fire hydrants, roadways, cable, transmission line, etc.~~) will be located within property belonging to the State of New Jersey (Yes X, No     )

Type: Name of Owner and Date  
Address, if different from Item #1

Russell W. Myers  
*Signature of Owner*

\* Not required for Sewer System Application

**B. APPLICANT'S AGENT**

State of New Jersey  
I, the applicant (name) Dept. of the Treasury, Division of Building and Construction  
authorize to act as my agent/representative in all matters pertaining to my application the following person:

Name Gar Chew Lai, P.E. Phone (201) 427-7752  
Address 10 Evergreen Avenue County Passaic  
City or Town North Haledon State NJ Zip Code 07508  
Occupation/Profession Professional Engineer

Russell W. Myers  
*Signature of Applicant*

**AGENT'S CERTIFICATION**

Sworn before me ANGELA T. KUGEL  
this 8<sup>th</sup> day of March 1985 My Commission Expires Sept. 8, 1986  
ANGELA T. KUGEL  
*Notary Public*

I agree to serve as agent for the above-named applicant

Gar Chew Lai  
*Signature of Agent*

**C. ENDORSEMENTS BY THE MUNICIPALITY AND SEWERAGE AUTHORITY**

1. The applicant shall, where applicable, submit a copy of both the municipal and affected sewerage authority's endorsements with the application. The endorsements must be in the form of resolutions by the governing body of the municipality and sewerage authority accepting and approving the project as proposed by the applicant.
2. The sewerage authority endorsements must include a statement that the sum of the committed and actual flows have not exceeded the treatment works design capacity. Included with this statement shall be a second statement that the treatment plant is meeting its New Jersey Pollutant Discharge Elimination System permit and/or its National Pollutant Discharge Elimination System permit requirements and will continue to do so with the additional flow.
3. Lastly, all endorsements must include a statement that the proposal is in conformance with applicable 201 Facilities Plans and 208 Water Quality Management Plans.

**D. STATEMENT OF PREPARER OF PLANS, SPECIFICATIONS AND ENGINEER'S REPORT**

I hereby certify that the engineering plans, specifications and engineer's report applicable to this project comply with the current rules and regulations of the State Department of Environmental Protection with the exceptions as noted.

  
\_\_\_\_\_  
*Signature of Engineer*

Gar Chew Lai, P.E.      3-8-85  
\_\_\_\_\_  
*Type: Name and Date*

Principal - Gar Chew Lai, Consulting Engineer  
\_\_\_\_\_  
*Position, Name of Firm*

**E. OWNER'S COMPLIANCE WARRANT (NJPDES ONLY)**

I, the owner, hereby agree that any treatment works constructed to meet the NPDES/NJPDES permit discharge limits will be properly constructed and operated to meet those limits. I also warrant that the discharge(s) will meet the effluent limitations as described in the NPDES/NJPDES permit, as issued.

\_\_\_\_\_  
*Signature of Owner*

\_\_\_\_\_  
*Title*

\_\_\_\_\_  
*Date*



LETTER  
G  
721

State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION

DIVISION OF WATER RESOURCES

P. O. BOX CN 029

TRENTON, NEW JERSEY 08625

ARNOLD SCHIFFMAN  
DIRECTOR

Lawrence Edler, P.E.  
10 Evergreen Avenue  
North Haledon, New Jersey 07508

JUL 12 1982

Re: Stream File No. 1922-82  
Vernon & Wantage Townships

Dear Mr. Edler:

This is with reference to your letter of June 29, 1982 concerning the proposed pedestrian bridge over the Wallkill River, at a location approximately 3500 feet easterly of the intersection of Oil City Road and Route 284, in the Townships of Wantage and Vernon, and the proposed pedestrian bridge over the Pochunck Creek, at a location approximately 4500 feet northerly of the intersection of Canal and Maple Grange Roads, in the Township of Vernon, both within Sussex County, New Jersey.

Please be advised that a review of the submitted material indicates that it will be necessary to obtain a stream encroachment permit from the Bureau of Flood Plain Management for the proposed pedestrian bridges. This proposal is considered a minor project, therefore, it will not be necessary to submit backwater calculations and cross sections of the stream 500 feet upstream and downstream of the project.

It is suggested that you arrange for a pre-application conference with one of the Bureau's engineers before final design.

Enclosed please find a stream encroachment permit application package.

Should you have any further questions, please contact the undersigned at (609) 292-2402.

Very truly yours,

*Susan Hiller*  
Susan Hiller  
Stream Encroachment Section  
Bureau of Flood Plain Management

SH:reb

Enclosure

cc: Wantage Township Engineer & Clerk  
Vernon Township Engineer & Clerk  
Sussex County Engineer



GAR CHEW LAI  
ARCHITECT AND ENGINEERINTER-OFFICE CORRESPONDENCE

TO: Gar Chew Lai  
FROM: Larry Edler  
SUBJECT: Sussex - DBC #P375  
Pedestrian Bridges

DATE: January 24, 1985

PROJECT NO. 721 ✓

SHEET 1 of 2

---

Summary of Larry Edler's pre-application meeting with Bill Jenkins of DEP Stream Encroachment:

1. Pedestrian Bridges are considered minor projects.
2. Applications for each bridge site must be filed.
3. Stream Encroachment will not waive \$100 fee even though another State agency is filing for the permit.
4. Five (5) drawings of Plan and Profile must be submitted.
5. The top of abutments must be at existing grade surface.
6. The bridge structures do not have to be above 100-year flood elevation.
7. No fill shall be placed for approaches to bridges.
8. A note should be on the drawing that all temporary fill used for construction shall be removed.
9. The Pochuck Creek bridge site is in the wetlands. This application will receive an "R" number from DEP Stream Encroachment. Local newspaper notices with DEP Permit Number shall be made inviting comments concerning this project.
10. Mr. Jenkins gave Mr. Edler a list of local agencies which must be notified requesting written comment. Mr. Edler shall present receipts that these notices were sent.
11. It is not necessary to file the DWR-086 for these pedestrian bridge projects.

12. The profiles of the bridges must be at the location of the proposed bridges. The pedestrian bridge structure must appear on the profile.
13. Mr. Jenkins will only be with DEP Stream Encroachment another week and a half.

LE:ak

cc: Mr. Terry D. Pollin, DBC  
Mr. William Jenkins, DEP Stream Encroachment  
Mr. Peter Garnish, DEP Stream Encroachment



State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER RESOURCES

CN 029

TRENTON, NEW JERSEY 08625

JOHN W. GASTON JR., P.E.  
DIRECTOR

DIRK C. HOFMAN, P.E.  
DEPUTY DIRECTOR

7:13-2.2 Notice To Local Agencies

(a) The applicant shall provide proof of notice with an application for a stream encroachment constituting a major project or Project of Special Concern, with a request for a hardship exemption or with an appeal from the decision of the Department. The notice shall include a description of the nature and location of the proposed project data on the application \*and a request for written comment\*. It shall be sent to the following:

1. Municipal Planning Board, Engineer, Environmental Commission, and Clerks Office where the project is located. Also the municipality, if any, across the stream and the municipality next downstream on both sides of the waterway, if within one mile of the project must be notified;
2. All abutting property owners;
3. County Planning Board \*, engineer and Mosquito Control Commission\*;
4. The Soil Conservation District; and
5. Any other agencies or bodies as requested by the Department or the County.

(b) Notice sent pursuant to the 90-day rules or the MLUL to the above listed parties will satisfy the requirement of this section.

(c) For Projects of Special Concern, an advertisement is required as indicated in N.J.A.C 7:13-5.3(b).

March 8, 1985

Re: Sussex County, New Jersey  
Pedestrian Bridge  
Pochuck Creek  
NOTICE  
Our File NO. 721 ✓

Dear Sir:

As required by the State of New Jersey, Department of Environmental Protection (DEP), herewith issue NOTICE of a proposed pedestrian bridge for the Appalachian Trail to be constructed over the Pochuck Creek as depicted by the enclosed drawing number 721-2. The bridge will have a span of approximately 80 feet and a walkway width of 4 feet. The bridge will be constructed by DEP.

The bridge will be located on a section of Pochuck Creek located in Vernon Township approximately 1-1/4 miles south of the New York - New Jersey State border. It is bounded by Canal Road on the east, Maple Grange Road on the south, and Route 517 on the west.

Written comments concerning the proposed pedestrian bridge may be addressed to:

NJ State Dept. of Environmental Protection  
Division of Water Resources  
Bureau of Flood Plain Management  
P.O. Box CN 029  
Trenton, NJ 08625

On behalf of DEP,

Very truly yours,

GAR CHEW LAI ENGINEERS

*Lawrence Edler*

Lawrence Edler, P.E.

LE:teo  
Enclosure

WALLKILL RIVER BRIDGE SITE

1. Harold & Dorothy Ayers, R.D.#1, Box 148, Sussex, NJ 07461
2. Donald & Arlene Lott; R.D.#1, Box 149, Sussex, NJ 07461
3. Douglas & Roy Kenny, Box 142-D, Great Meadows, NJ 07838  
-Township of Wantage, R.D. #1, Box 476, Sussex, NJ 07461
4. Att: Mr. Peter O'Biso - Planning Board Chairman
5. Att: Mr. Harold Fellow - Township Engineer
6. Att: Wantage Environmental Commission
7. Att: Mr. Nelson Struck - Township Clerk
8. Minnisink Township Clerk, Waterloo Road, Westtown, NY 10998  
Att: Mr. John Kessler
9. Sussex County Planning Board, 57 High Street, Newton, NJ 07860
10. Sussex County Engineer, 39 High Street, Newton, NJ 07860
11. Sussex County Soil Conservation District, R.D. #7, Box 13,  
Newton, NJ 07860
12. Sussex County Mosquito Commissioner, R.D. #3, Box 140-A  
Newton, NJ 07860 Att: Mr. Geoff Gunn

P 589 479 153

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

*721 Wallhell*

Sent to	Peter O'Biso Pln. Brd. Chrn.
Street and No.	Township of Wantage
R.D.	1 - Box 476
P.O. State and ZIP Code	Sussex, NJ 07461

P 589 479 157

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

*721 Wallhell*

Sent to	John Kessler Minisink Township Clerk
Street and No.	Waterloo Road
P.O. State and ZIP Code	Westtown, NY 10998

P 589 482 687

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

*721 Wallhell*

Sent to	Sussex County Mosquito Commissioner, Mr. Geoff Gunn
Street and No.	R.D. 3 - Box 140-A
P.O. State and ZIP Code	Newton, NJ 07860

P 589 479 152

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

*721 Wallhell*

Sent to	Messrs. Douglas & Roy Kenny
Street and No.	R.D. 142-D
P.O. State and ZIP Code	Treat Meadows, NJ 07838

P 589 479 156

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

*721 Wallhell*

Sent to	Nelson Struck, Twnsp Cl Township of Wantage
Street and No.	R.D. 1 - Box 476
P.O. State and ZIP Code	Sussex, NJ 07461

P 589 479 160

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

*721 Wallhell*

Sent to	Sussex County Soil Conservation District
Street and No.	R.D. 7 - Box 13
P.O. State and ZIP Code	Newton, NJ 07860

P 589 479 151

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

*721 Wallhell*

Sent to	Donald & Arlene Lott
Street and No.	R.D. 1 - Box 199
P.O. State and ZIP Code	Sussex, NJ 07461

P 589 479 155

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

*721 Wallhell*

Sent to	Wantage Environ. Comm. Township of Wantage
Street and No.	R.D. 1 - Box 476
P.O. State and ZIP Code	Sussex, NJ 07461

P 589 479 159

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

*721 Wallhell*

Sent to	Sussex County Engineer
Street and No.	39 High Street
P.O. State and ZIP Code	Newton, NJ 07860

P 589 479 150

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

*721 Wallhell*

Sent to	Mr. Harold & Dorothy Ayers
Street and No.	R.D. 1 - Box 148
P.O. State and ZIP Code	Sussex, NJ 07461
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

P 589 479 154

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

*721 Wallhell*

Sent to	Harold Fellow Twnsp. Engr Township of Wantage
Street and No.	R.D. 1 - Box 476
P.O. State and ZIP Code	Sussex, NJ 07461
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

P 589 479 158

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

*721 Wallhell*

Sent to	Sussex County Planning Board
Street and No.	57 High Street
P.O. State and ZIP Code	Newton, NJ 07860
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

P 589 479 153

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

721  
Wallhell

Sent to	Peter O'Biso Pln. Brd. Chrn.
Street and No.	Township of Wantage
R.D. 1 - Box 476	
P.O., State and ZIP Code	Sussex, NJ 07461

P 589 479 157

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

721  
Wallhell

Sent to	John Kessler
Street and No.	Minisink Township Clerk
R.D. 1 - Box 476	
P.O., State and ZIP Code	Westtown, NY 10998

P 589 482 687

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

721  
Wallhell

Sent to	Sussex County Mosquito
Street and No.	Commissioner, Mr. Geoff Gunn
R.D. 3 - Box 140-A	
P.O., State and ZIP Code	Newton, NJ 07860

P 589 479 152

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

721  
Wallhell

Sent to	Messrs. Douglas & Roy Kenny
Street and No.	R.D. 1 - Box 142-D
P.O., State and ZIP Code	Great Meadows, NJ 07838

P 589 479 156

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

721  
Wallhell

Sent to	Nelson Struck, Twnsp Cl
Street and No.	Township of Wantage
R.D. 1 - Box 476	
P.O., State and ZIP Code	Sussex, NJ 07461

P 589 479 160

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

721  
Wallhell

Sent to	Sussex County Soil
Street and No.	Conservation District
R.D. 7 - Box 13	
P.O., State and ZIP Code	Newton, NJ 07860

P 589 479 151

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

721  
Wallhell

Sent to	Mr. Donald & Arlene Lott
Street and No.	R.D. 1 - Box 199
P.O., State and ZIP Code	Sussex, NJ 07461

P 589 479 155

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

721  
Wallhell

Sent to	Wantage Environ. Comm.
Street and No.	Township of Wantage
R.D. 1 - Box 476	
P.O., State and ZIP Code	Sussex, NJ 07461

P 589 479 159

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

721  
Wallhell

Sent to	Sussex County Engineer
Street and No.	39 High Street
P.O., State and ZIP Code	Newton, NJ 07860

P 589 479 150

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

721  
Wallhell

Sent to	Mr. Harold & Dorothy Ayers
Street and No.	R.D. 1 - Box 148
P.O., State and ZIP Code	Sussex, NJ 07461
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

P 589 479 154

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

721  
Wallhell

Sent to	Harold Pellow Twnsp. Engr
Street and No.	Township of Wantage
R.D. 1 - Box 476	
P.O., State and ZIP Code	Sussex, NJ 07461
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

P 589 479 158

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

721  
Wallhell

Sent to	Sussex County
Street and No.	Planning Board
R.D. 57 High Street	
P.O., State and ZIP Code	Newton, NJ 07860
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

POCHUCK CREEK BRIDGE SITE

1. Carl H. Schleuter, Rt. 517, Glenwood, NJ 07418
2. Reuben Kadish, Box 143, Vernon, NJ 07462
3. Sussex Associates, 8035 Harbor View Terr., Brooklyn, NY 11209
4. Americana, c/o Lois Rampoge, 532 S. Michigan Avenue  
Chicago, IL 60605  
-Township of Vernon, Municipal Bldg., Church Street, Vernon, NJ 07462
5. Att: Planning Board
6. Att: Township Engineer
7. Att: Township Environmental Commission
8. Att: Township Clerk
9. Sussex County Planning Board, 57 High Street, Newton, NJ 07860
10. Sussex County Soil Conservation District, R.D. #7, Box 13,  
Newton, NJ 07860
11. Sussex County Engineer, 39 High Street, Newton, NJ 07860
12. Sussex County Mosquito Commissioner, R.D. #3, Box 149-A  
Newton, NJ 07860      Att: Mr. Geoff Gunn



P 589 482 688

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

*Poached creek*  
#721

(See Reverse)

Sent to Carl H. Schleuter

Street and No. Rt. 517

P.O., State and ZIP Code  
Glenwood, NJ 07418

P 589 482 692

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

*Poached creek*  
#721

(See Reverse)

Sent to *Carl P. ...*  
Township of Vernon

Street and No. Municipal Bldg.  
Church St.

P.O., State and ZIP Code  
Vernon, NJ 07462

P 589 482 696

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

*Poached creek*  
#721

(See Reverse)

Sent to Sussex County Pl. Bd.

Street and No. 57 High St.

P.O., State and ZIP Code  
Newton, NJ 07860

P 589 482 689

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

*Poached creek*  
#721

(See Reverse)

Sent to Mr. Reuben Kadish

Street and No. Box 143

P.O., State and ZIP Code  
Vernon, NJ 07462

P 589 482 693

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

*Poached creek*  
#721

(See Reverse)

Sent to Township of Vernon

Street and No. *Twp. Engr.*  
Municipal Bldg.

P.O., State and ZIP Code  
Vernon, NJ 07462

P 589 482 697

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

*Poached creek*  
#721

(See Reverse)

Sent to Sussex County Soil Conservati

Street and No. R.D. 7 - Box 13 District

P.O., State and ZIP Code  
Newton, NJ 07860

P 589 482 690

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

*Poached creek*  
#721

(See Reverse)

Sent to Sussex Assoc.

Street and No. 8035 Harbor View Terr.

P.O., State and ZIP Code  
Brooklyn, NY 11209

P 589 482 694

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

*Poached creek*  
#721

(See Reverse)

Sent to *... Engr. Comm.*  
Township of Vernon

Street and No. Municipal Bldg.  
Church St.

P.O., State and ZIP Code  
Vernon, NJ 07462

P 589 482 698

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

*Poached creek*  
#721

(See Reverse)

Sent to Sussex County Engr.

Street and No. 39 High St.

P.O., State and ZIP Code  
Newton, NJ 07860

P 589 482 691

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

*Poached creek*  
#721

(See Reverse)

Sent to Americana (Lois Rampage)

Street and No. 532 So. Michigan Ave.

P.O., State and ZIP Code  
Chicago, IL 60605

P 589 482 695

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

*Poached creek*  
#721

(See Reverse)

Sent to Township of Vernon

Street and No. Township Clerk  
Municipal Bldg. - Church St.

P.O., State and ZIP Code  
Vernon, NJ 07462

P 589 482 699

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

*Poached creek*  
#721

(See Reverse)

Sent to Mr. Geoff Gunn  
Sussex County Mosquito Comm.

Street and No. R.D. 5 - Box 140-A

P.O., State and ZIP Code  
Newton, NJ 07860

Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

P 589 482 688

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

#721

Sent to Carl H. Schleuter

Street and No. Rt. 517

P.O., State and ZIP Code  
Glenwood, NJ 07418

P.O. 1983-403-517

P 589 482 692

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

#721

Sent to *Att. Plan Bd.*  
Township of Vernon

Street and No. Municipal Bldg.  
Church St.

P.O., State and ZIP Code  
Vernon, NJ 07462

P.O. 1983-403-517

P 589 482 696

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

#721

Sent to Sussex County Pl. Bd.

Street and No. 37 High St.

P.O., State and ZIP Code  
Newton, NJ 07860

P.O. 1983-403-517

P 589 482 689

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

#721

Sent to Mr. Reuben Kadish

Street and No. Box 143

P.O., State and ZIP Code  
Vernon, NJ 07462

P.O. 1983-403-517

P 589 482 693

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

#721

Sent to Township of Vernon

Street and No. Twp. Engr.  
Municipal Bldg.

P.O., State and ZIP Code  
Vernon, NJ 07462

P.O. 1983-403-517

P 589 482 697

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

#721

Sent to Sussex County Soil Conservati

Street and No. R.D. 7 - Box 13 Distric

P.O., State and ZIP Code  
Newton, NJ 07860

P.O. 1983-403-517

P 589 482 690

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

#721

Sent to Sussex Assoc.

Street and No. 8035 Harbor View Terr.

P.O., State and ZIP Code  
Brooklyn, NY 11209

P.O. 1983-403-517

P 589 482 694

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

#721

Sent to *Ass. Engr. metal Comm.*  
Township of Vernon

Street and No. Municipal Bldg.  
Church St.

P.O., State and ZIP Code  
Vernon, NJ 07462

P.O. 1983-403-517

P 589 482 698

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

#721

Sent to Sussex County Engr.

Street and No. 39 High St.

P.O., State and ZIP Code  
Newton, NJ 07860

P.O. 1983-403-517

P 589 482 691

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

#721

Sent to Americana (Lois Rampage)

Street and No. 532 So. Michigan Ave.

P.O., State and ZIP Code  
Chicago, IL 60605

P.O. 1983-403-517

P 589 482 695

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

#721

Sent to Township of Vernon

Street and No. Township Clerk  
Municipal Bldg. - Church St.

P.O., State and ZIP Code  
Vernon, NJ 07462

300, Feb. 1982

P 589 482 699

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

#721

Sent to Mr. Geoff Gunn  
Sussex County Mosquito Comm.

Street and No. R.D. 3 - Box 140-A

P.O., State and ZIP Code  
Newton, NJ 07860

P.O. 1983-403-517

Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

**GAR CHEW LAI, A.I.A.**  
**ARCHITECT/ENGINEER**  
10 EVERGREEN AVENUE  
NORTH HALEDON, N.J. 07508

THIS CHECK IS IN PAYMENT OF THE FOLLOWING:

*Stream Encroachment  
Permit - Wallkill River*

6875

NEW JERSEY BANK  
NATIONAL ASSOCIATION  
HALEDON, NEW JERSEY 07508

55-57  
217

PAY *One Hundred and <sup>90</sup>/<sub>100</sub>* \_\_\_\_\_ DOLLARS

TO THE  
ORDER OF

*Treasurer, State of New Jersey  
Environmental Services Fund*

3/12/85	6875	100 00
---------	------	--------

*G. Chew Lai*  
AUTHORIZED SIGNATURE

⑆02⑆700570⑆

4⑈24 ⑆76 2⑈

**GAR CHEW LAI, A.I.A.**  
**ARCHITECT/ENGINEER**  
10 EVERGREEN AVENUE  
NORTH HALEDON, N.J. 07508

THIS CHECK IS IN PAYMENT OF THE FOLLOWING:

*Stream Encroachment  
Permit - Luch Creek*

6876

NEW JERSEY BANK  
NATIONAL ASSOCIATION  
HALEDON, NEW JERSEY 07508

55-57  
217

PAY *One Hundred and <sup>90</sup>/<sub>100</sub>* \_\_\_\_\_ DOLLARS

TO THE  
ORDER OF

*Treasurer, State of New Jersey  
Environmental Services Fund*

3/12/85	6876	100 00
---------	------	--------

*G. Chew Lai*  
AUTHORIZED SIGNATURE

⑆02⑆700570⑆

4⑈24 ⑆76 2⑈

APPENDIX F



NOTICE OF AUTHORIZATION



ISSUANCE DATE

JUN 25 1985

EFFECTIVE DATE

19 JUL 1985

EXPIRATION DATE

19 JUL 1987

FOR ACTIVITY/FACILITY AT

OWNER

Division of Parks and Forestry  
4  
on, N.J. 08625

TYPE OF PERMIT  
Stream Encroachment

STATUTE(S)  
NJSA 58:16A-50  
et. seq.

APPLICATION NO.

DIVISION  
Resources

FTO

construct a pedestrian foot bridge for Appalachian Trail to be constructed  
Pochuck Creek, at a location approximately 4500 feet northerly of the intersection  
anal and Maple Grange Roads, within Lot No. 10 of Block No. 31, in Vernon Township,  
ex County, New Jersey.

*Narinder K. Mehta*  
DEP AUTHORIZATION

Narinder K. Mehta, Section Chief

THIS NOTICE MUST BE CONSPICUOUSLY DISPLAYED AT THE ACTIVITY/FACILITY SITE.

PERMIT



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 stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit.

Permit No. 11887	Issuance Date <i>June 25, 1985</i>	Effective Date <i>July 19, 1985</i>	Expiration Date <i>July 19, 1987</i>
Name and Address of Applicant Division of Parks and Forestry 404 Trenton, N.J. 08625	Location of Activity/Facility		Name and Address of Owner
Issuing Division Water Resources	Type of Permit Stream Encroachment	Statute(s) NJSA 58:16A-50 et. seq.	Application No.

This permit grants permission to: Construct a pedestrian foot bridge for Appalachian Trail to be constructed over Pochuck Creek, at a location approximately 4500 feet northerly of the intersection of Canal and Maple Grange Roads, within Lot No. 10 of Block No. 31, on Ironon Township, Sussex County, New Jersey.

Prepared by: David Ahdout  
David Ahdout

Approved by the Department of Environmental Protection

Narinder K. Ahuja *6/24/85*  
Narinder K. Ahuja, P.E., Section Chief  
Bureau of Flood Plain Management

\* The word permit means "approval, certification, registration, etc."

(GENERAL CONDITIONS ARE ON THE REVERSE SIDE.)

## TERMS AND CONDITIONS

### Recording of Permit

This permit shall be RECORDED in the office of the COUNTY CLERK (the REGISTRAR OF DEEDS AND MORTGAGES in the applicable counties) in the county wherein the lands included in the permit are located within ten (10) days after receipt of the permit by the applicant and verified notice shall be forwarded to the Division of Water Resources immediately thereafter.

### Department Responsibility

The action of the Department in approving this application and issuing this permit shall not relieve the party constructing the works hereby approved from the responsibility for damage caused by such works; nor does the Department accept responsibility for the structural design.

### 3. Time Limit for Work

- a. General - The work shall be COMPLETED WITHIN TWO YEARS of the ISSUANCE DATE of this permit; OTHERWISE, this permit, if not previously revoked or specifically extended upon written application, shall automatically become null and void, and none of the works herein shall be commenced or continued until such time as this permit has been reinstated or until a new application has been submitted to and approved by the Department.
- b. Pipelines, Cables and Similar Work - The time limit for backfilling and/or stabilizing all earth work and the removal of all temporary fill and other construction, in connection with pipelines, cables and other similar projects shall be 30 days after starting excavation or construction for each individual stream crossing and/or section of the project along any stream channel.

### 4. Supervision and Inspection, Change in Plans, Completion Report

- a. Supervision and Inspection - All work shall be done under the supervision and direction of a professional engineer licensed in New Jersey. The work shall be subject to inspection at any time by representatives of the Department. PERMIT and all approved DRAWINGS shall be at project site at all times during construction.
- b. Change in Plans - No changes in plans and specifications as approved shall be made except with the written consent of the Department or its designee.
- c. Completion Report - A completion report on a prescribed form shall be prepared by a professional engineer licensed in New Jersey and submitted to the Division of Water Resources within 30 days after completion of the work.

### 5. Maintenance of Land Within Stream Encroachment Permit

The applicant and its agents shall not cause or permit any unreasonable interference with the free discharge of the stream nor with navigation during construction, by the placing and/or dumping of any materials, equipment, debris or structure, or in any way, in or about the stream or channel in any manner which may cause interference. Upon completion or abandonment of the work, the applicant and its agents shall cause to be removed from lands within the flood plain, all excess materials, equipment, debris and structures, and dispose of same in a lawful manner.

### 6. Erosion Control

ALL FILL and OTHER EARTH WORK on the lands encompassed within this stream encroachment permit shall be STABILIZED in accordance with "Standards for Soil Erosion and Sediment Control in New Jersey" (obtainable from local Soil Conservation District Offices), or equal engineering specifications, so as to prevent eroded soil therefrom from entering the waterway at any time during and after construction.

Channel and Bank Stabilization

Where the stream channel and/or banks are altered in the course of the work approved herein, the channel and/or banks shall be stabilized in such a manner as to prevent erosion and the subsequent silting of the channel. The applicant hereby agrees to maintain the channel and/or banks 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 Certificate of Completion), whichever period of time is longer.

Requirements for Other Permits

This permit DOES NOT GIVE ANY PROPERTY RIGHTS, in either real or personal property, nor any exclusive privileges; neither does it authorize any injury to private property; nor invasion of private rights; nor any infringement of Federal, State or local laws or regulations; nor does it 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 INCLUDING BUT NOT LIMITED TO PERMITS AND APPROVALS FROM THE FOLLOWING:

Reservation of Lands within Stream Encroachment Lines

A strip of land along the waterway and described as follows shall be reserved for the passage of flood waters and no fill or structure, except as shown on the approved drawing(s) shall be placed within the land without prior approval of the Department.

Future Modification Required

- a. All Projects - At any time, if and when indicated in the public interest and after due process, this permit may be reviewed for possible modification thereof.
- b. Pipes and Cables - Any pipeline or cable approved under this permit shall be removed or modified as required by future channel improvements or for other valid reasons upon order of the Department.

The drawing hereby approved is one (1) sheet prepared by Gar Chew Lai Engineers, dated March 6, 1985 and last revised April 16, 1985 entitled:

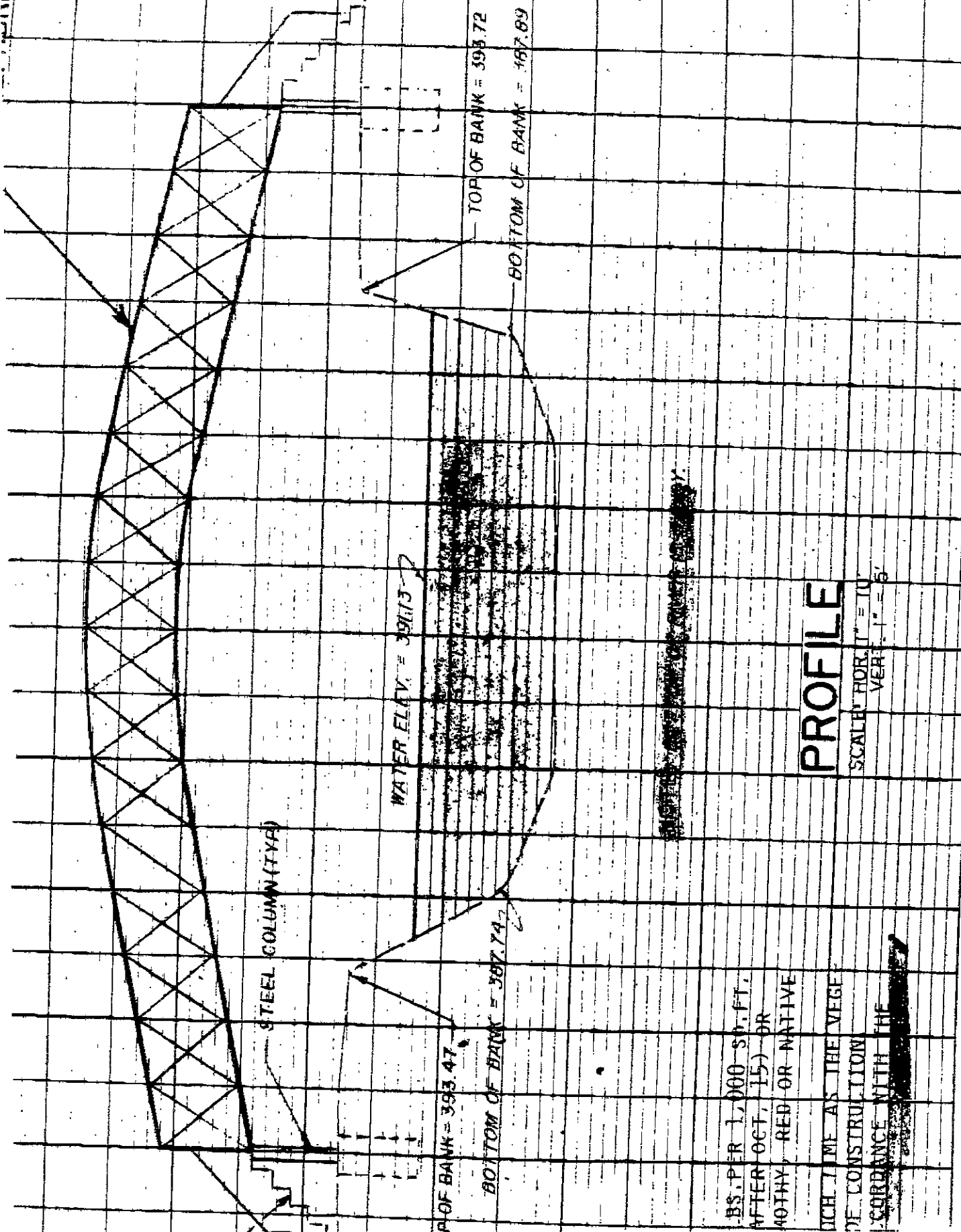
"PLAN & PROFILE APPALACHIAN TRAIL CROSSING POCHUCK CREEK",

"IN THE TOWNSHIP OF VERNON, SUSSEX COUNTY, N.J.", drawing No. 721-6.





TERMINATED WITH W



STEEL COLUMN (TYA)

FLOOR BANK = 393.47

BOTTOM OF BANK = 387.74

WATER ELEV. = 391.13

TOP OF BANK = 393.72

BOTTOM OF BANK = 387.89

BS. PER 1,000 SQ. FT.  
AFTER OCT. 15) OR  
40TH, RED OR NATIVE

EACH TIME AS THE VEGE  
BE CONSTRUCTION  
CONCORDANCE WITH THE

# PROFILE

SCALE: HOR. 1" = 10'  
VERT. 1" = 5'

0\*75

1\*0

1\*25

1\*50



28, 1985

FEBRUARY

ON

ELEV.

WATER

POCHUCK

FLOW

PLAN

SCALE: 1" = 10'

393.60

0+50

393.70

0+75

393.47

TOPOF BANK

388

387.74

385.94

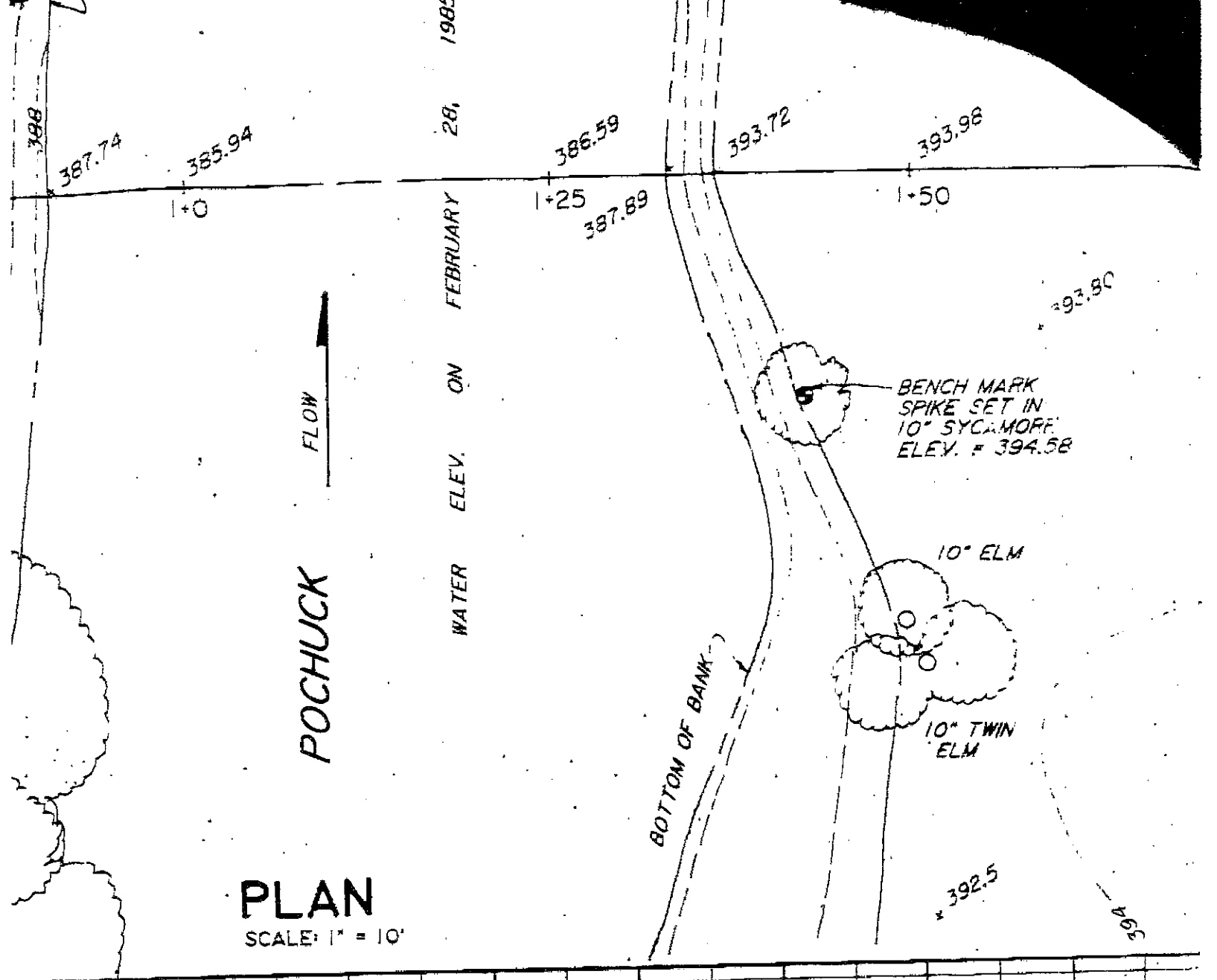
1+0

\* 393.66

54" TWIN  
MAPLE

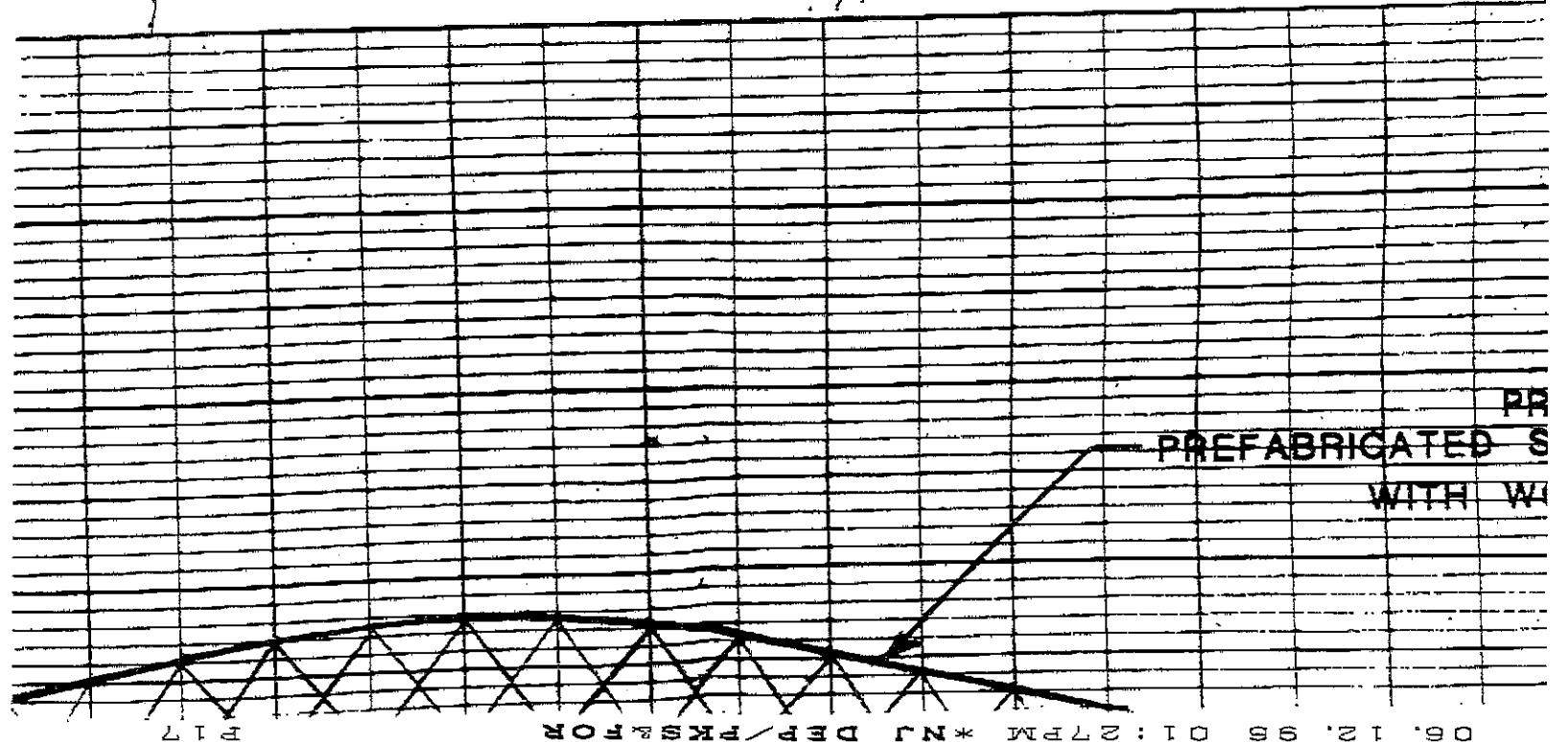
\* 393.60

60" MAPLE



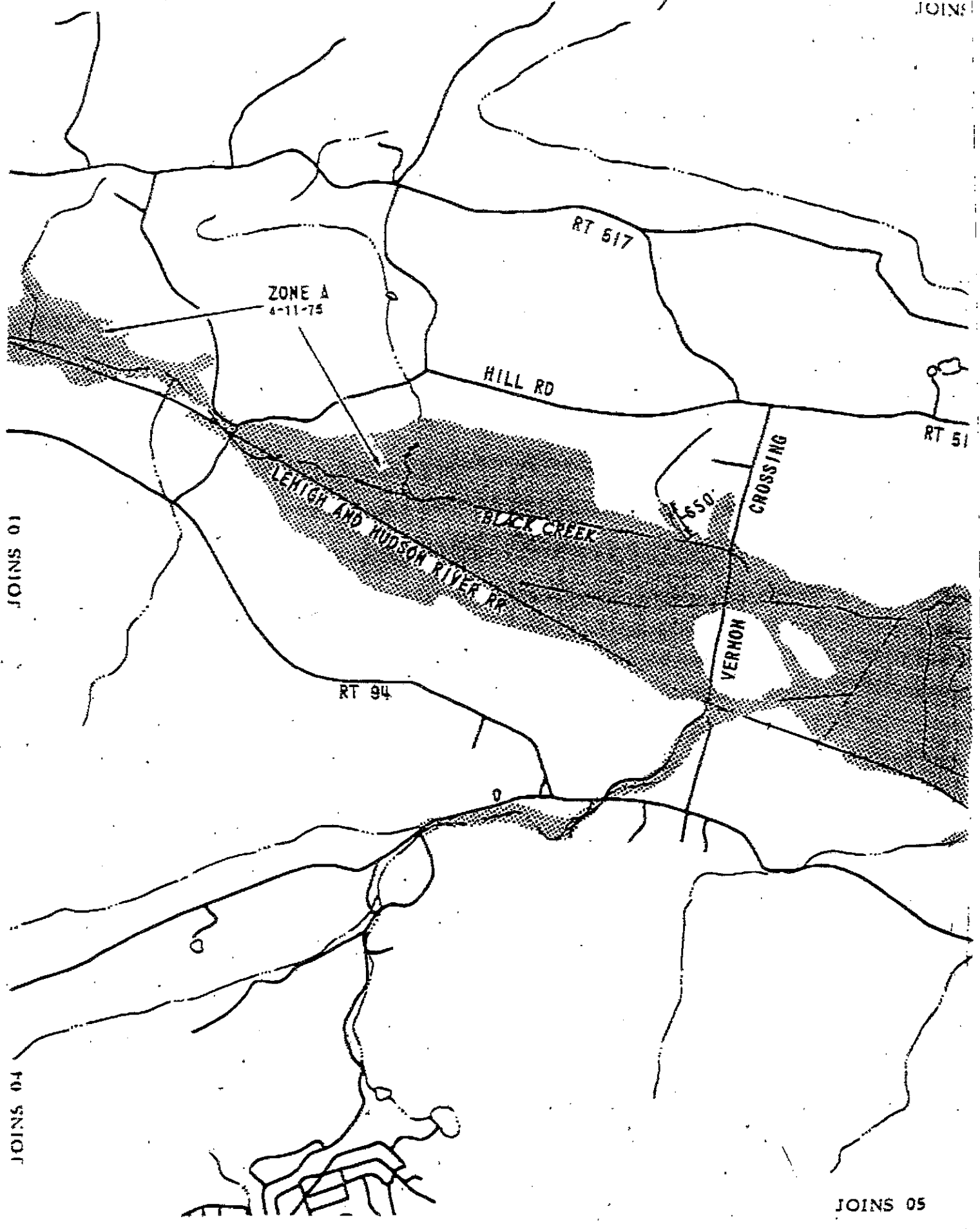
# PLAN

SCALE: 1" = 10'



06.12.96 01:27PM \*NJ DEP/PK&F/P17

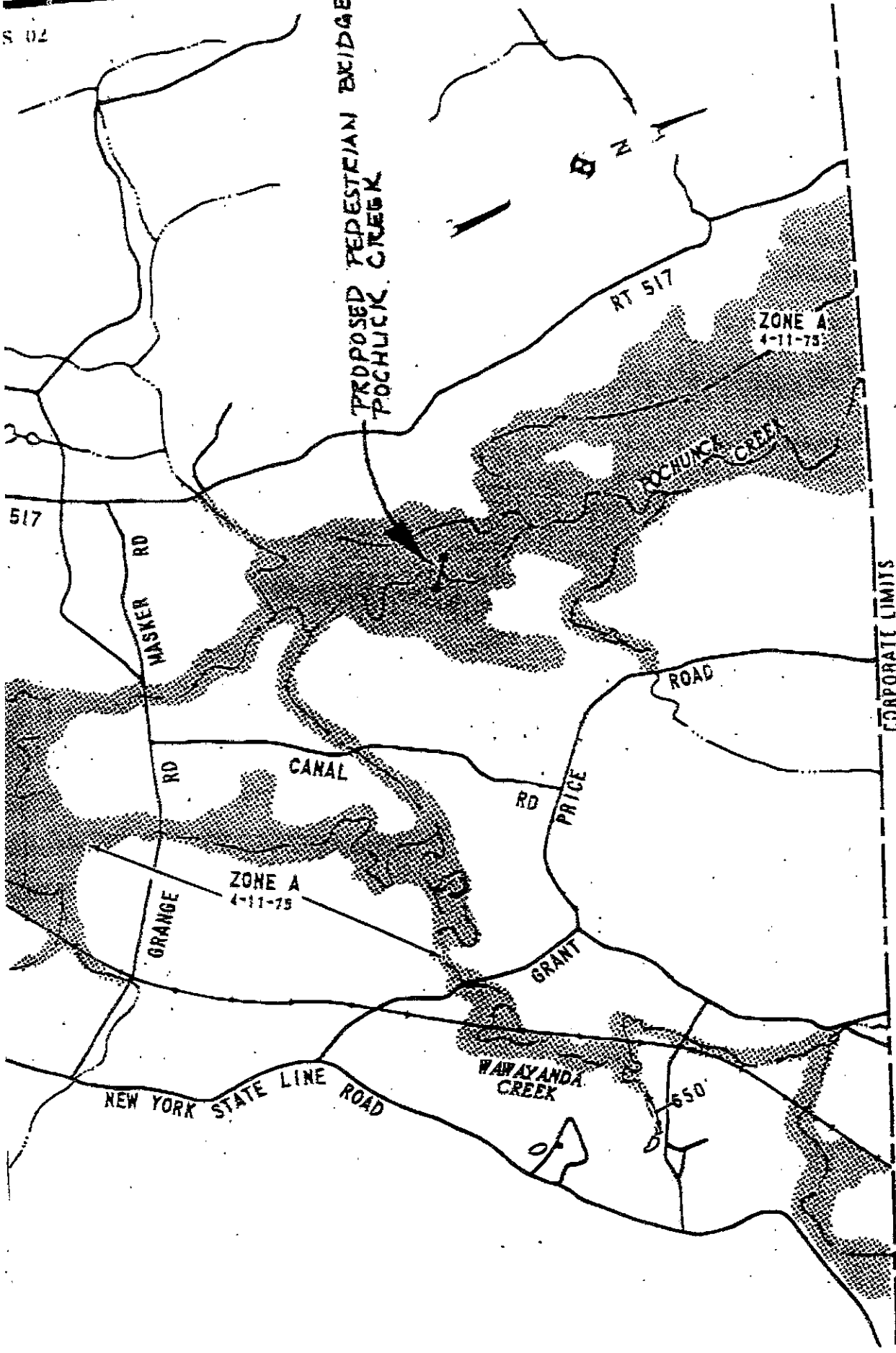
JOINS



JOINS 01

JOINS 01

JOINS 05



Effective Date  
 APRIL 11, 1975

FIA FLOOD HAZARD BOUNDARY MAP  
 No. H 03

DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT  
 Federal Insurance Administration  
 TOWNSHIP OF VERNON, NJ  
 (SUSSEX CO.)

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