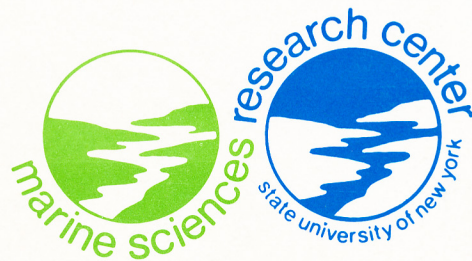


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c.2

COMPLIANCE WITH NEW YORK STATE COASTAL  
STRUCTURES PERMITTING REGULATIONS.  
DEVELOPMENT OF A METHODOLOGY AND APPLICATION  
TO THE TOWN OF EAST HAMPTON, NEW YORK  
FOR THE PERIOD FROM 1974 TO 1976.

J. W. Snow  
P. K. Weyl  
J. R. Schubel  
M. Greges



MARINE SCIENCES RESEARCH CENTER  
STATE UNIVERSITY OF NEW YORK  
STONY BROOK, NEW YORK 11794

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J. R. Schubel, Director

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## I. INTRODUCTION

The purpose of this study is to determine the effectiveness of the present permitting system for controlling shoreline structures and to suggest possible improvements. Utilizing aerial photographs and topographic maps to create a computerized index of the structures, a comparison could be made between the years 1974 and 1976, inclusive, to determine what structures were built during this period. A listing of structures constructed during the interval was then compared with a list of the permits issued to identify those newly built structures for which a permit had or had not been issued according to the Department of Environmental Conservation (DEC) files searched.

## II. PERMIT PROCEDURES

Any physical alterations of the coastal marine zone, whether by construction, dredging or spoil disposal in or near a waterway, freshwater wetland, or tidal wetland, are regulated by an extensive government permit program. These coastal construction regulations, which have been adopted by all levels of government, are designed to protect both the rights of the public and the environment. They are based primarily on two principles: 1) construction and development should not benefit a private owner at the expense of infringing upon the "public interest," and 2) while water resources should be put to the best present use, they must still be preserved for the use of future generations.

The decision as to whether a permit will be issued rests on an examination of the effects of the proposed work on several relevant factors, including navigation, fish and wildlife, conservation, pollution, aesthetics, ecology, and the general public interest. "Protection" and "preservation" are the keywords in the governments' evaluation of an activities possible impact in three major areas:

- 1) the maintenance of water quality
- 2) the conservation of wetlands resources
- 3) the prevention of obstruction and alteration of navigable waters

Different environmental regulations have been created by various government offices to safeguard water and adjacent land resources. Town and city administrations have adopted zoning ordinances and planning procedures designed to insure orderly development of their lands; state agencies manage conceptual plans and are responsible for a variety of zoning and regulatory activities; the federal government has the authority to set standards of quality which must be met nationwide.

In addition to receiving local authorization, permits for all work in New York coastal areas must be obtained from two government agencies: the Army Corps of Engineers (COE) legislates on the Federal level, and the New York State Department of Environmental Conservation (DEC) oversees for the State. Generally, after local permission has been acquired, a permit must be issued by DEC (or be in the process of evaluation) before the Corps will make a decision on a project application.

### COE

The Corps of Engineers is the branch of the Department of Army which handles all civil functions. This includes the execution and management of river, harbor, and flood control improvements, and the administration of certain laws enacted by Congress for the protection and preservation of navigation and navigable waters in the United States.

In order to decentralize their operations and expedite permit procedures, the United States has 10 COE divisions (headed by a Division Engineer) which are divided into 38 districts (each with their own District Engineer). Parts of New York

State are included in each of five districts: Baltimore, Buffalo, New York City, Philadelphia, and Pittsburgh.

The District Engineer (DE) is empowered to grant permits for construction, dredging, fill discharge and transportation of dredged material (spoil) in all navigable waters in his district. The evaluation procedure begins when a full application is submitted to the D.E. This includes a completed ENG form 4345 accompanied by a detailed description of plans for any proposed and completed work.

After all required information has been provided, the petition is circulated to several government advisory agencies and a public notice is issued to inform all interested parties of the proposed activity. During this 30 day period, comments and suggestions are offered on the suitability of the project and its probable impact on the public interest. According to the public notice distributed by the Corps, the following factors are considered relevant in evaluating a project's suitability:

"...conservation, economics, aesthetics, general environmental concerns, historic values, fish and wildlife values, flood damage prevention, land use, navigation, recreation, water supply, water quality, energy needs, safety, food production, and, in general, the needs and welfare of the people."

The government agencies consulted during this period may include: The Environmental Protection Agency, The National Marine Fisheries Service, The U.S. Fish and Wildlife Service, The Coastal Engineering Research Center, The Federal Water Pollution Control Administration, and the Federal Power Commission.

After this period of public comment, an Environmental Assessment, or record of the anticipated environmental impact of the project, is prepared by the District Engineer. If he deem necessary, a public

hearing may also be held to assist him in making a decision on an application. After all these actions have been completed, the D.E.C. will grant or reject a permit on the basis of the assessment record and adherence to applicable regulations. The entire process, from completion of application to permit issuance or denial takes from 75 to 90 days. However, if the Corps is required to hold a public hearing, prepare an Environmental Impact Statement, or if the proposed work is controversial, the processing could take up to one year or more.

#### DEC

DEC Application procedures are similar to those of the Corp. The Uniform Procedures Act adopted by the State Legislature in 1977 simplified procedures for public notice, public comment, permit hearings, and required DEC to act within specified time periods on applications.

Three different types of permits are administered by the Regulatory Affairs Department of DEC for any work which will affect water quality:

- 1) A Water Quality Permit is needed for most proposed activities (dam or dock construction, bulkheading, dredging, fill, etc.); it is issued to "prevent the unreasonable, unnecessary or harmful alteration of stream channels, filling and dredging in navigable waters and the construction or major repair of dams or docks which would benefit a private interest at the expense of the public's rights." DEC upholds the principal that one person's use of water, considered a "mobile resource," should not be detrimental to another person's use and enjoyment.
- 2) A Tidal Wetlands Permit is necessary for work which is carried out in a tidal wetland (any areas which border on or lie beneath tidal waters,



such as banks, bogs, salt marshes, swamps or other low lands subject to tidal action) or adjacent areas averaging 300 ft inland from the wetland boundary. Tidal wetlands, considered one of the most vital and productive areas of the marine zone, are valued as nutrient and nursery grounds, wildlife habitats, flood and storm control buffer zones, pollution cleansing systems, and irreplaceable recreation and aesthetic lands. This permit is meant to prevent their despoilation and destruction through regulations that will preserve, protect and enhance their present and potential values.

- 3) Freshwater Wetlands Permits are needed for those areas defined as being "periodically inundated and normally characterized by the presence of vegetation that requires saturated soil conditions for growth and reproduction." Their usefulness as flood protection areas and wildlife habitats afford them the same protection as tidal wetlands.

As part of the Uniform Procedures Act, one application form may be submitted for several different permits.

After a completed DEC form, location plans, and project proposals have been submitted, DEC will publish a notice of the request in the department's weekly Environmental Notice Bulletin. A period of two weeks is given for public comment on the application. Additionally, the applicant is required to publish notice in a newspaper of general circulation in the area where the project has been proposed.

The application is then reviewed to determine whether the proposal meets applicable environmental standards and whether it is to be carried out in a way that minimizes environmental damage. Within 90 days of receipt of a complete application, a hearing may be held if there is substantial negative public reaction, or if DEC makes

recommendations or changes in the proposal which are not acceptable to the applicant. If there is a hearing, the applicant is required to pay for the preparation of the stenographic record of the proceedings, as well as any hearing room charges.

Offices within DEC which may be consulted on a particular application include the Bureau of Tidal Wetlands, the Bureau of Freshwater Wetlands, Fish and Wildlife, and the Division of Environmental Quality (which includes three branches: Water, Air, and Solid Waste). The Health Department and the State Historical Preservation Office may also offer advice.

#### *Environmental Impact Statements*

Both Federal and State review procedures are concerned with possible long-term environmental effects of construction activity. If either department feels that the proposed activity would have a significant effect on the environment, an Environmental Impact Statement (EIS) may have to be prepared before a decision on a permit application is made. This is a written document which weighs social, economic and environmental issues in making a permit judgement.

The Federal government follows the guidelines outlined by the Council on Environmental Quality (CEQ) in such matters. The Council requires an EIS for any major Federal action which would significantly effect or be detrimental to long range environmental goals or to the present quality of the environment, or which may change patterns of local social activity. Each Federal agency is responsible for defining the term "significant."

Even if the District Engineer concludes that a permit should be issued but that the effects on the environment would be significant, EIS preparation is begun.

In 1978, New York State adopted the State Environmental Quality Review Act (SEQR) which established criteria for determining whether a proposed action



requires an EIS. These indicators include:

- 1) a substantial adverse change in existing air and water quality
- 2) an increase in erosion potential
- 3) the attracting of crowds to places for more than a few days in comparison to the number who would congregate without the proposed action
- 4) a substantial change in the use or the intensity of use of a natural resource.
- 5) cumulative effects of two or more projects.

In both Federal and State situations the applicant is required to furnish the additional information needed for the EIS unless agency staff and resources are available. Guidelines are distributed by both agencies to assist the applicant in preparing an EIS draft.

Neither DEC nor the Corp has final authority in permit licensing. In cases where one agency issues a permit and another will not, a State court will decide the final outcome. Additionally, Congressional approval can override DEC and Corps objections.

### III. DESIGN OF A LINEAR COORDINATE SYSTEM

The town of East Hampton was chosen to demonstrate this system because it contained a relatively significant number of existing structures (261) and of new structures constructed during the period (14). The results indicated that while all five groins constructed during the period were permitted, only one of nine piers built during the period appeared to be permitted. In order to improve the effectiveness of the present system, the linear coordinate system already created should be used to survey future compliance in East Hampton and the system could be extended to other coastal areas.

To compare the coastal structures in place as revealed by aerial photographs of April 1974 and March 1976, a linear coordinate system was designed to provide a simple location index of the existing

structures on the shoreline. The purpose of this comparison was to determine what specific structures were built during the period from 1974 to 1976. The coordinate system was also used to index the locations of structure permits issued between April 1974 and March 1976. To accomplish this goal, aerial photographs and topographic maps were utilized to create the index. The 1974 aerial photographs were taken on April 12 and April 27 and reproduced to a scale of 1:15840, while the 1976 photographs were taken on March 24, and have a scale of 1:12000. The topographic maps, with a scale of 1:2400, are based on the same set of 1974 aerial photographs. Both the photographs and the topographic maps were obtained from the Long Island Regional Planning Board in Hauppauge.

To establish the coordinate system, the actual shoreline on the topographic map was approximated by a series of straight lines. An arbitrary point was chosen as the origin and given a coordinate of zero. In the case of this study, a point on the townline between East Hampton and South Hampton on the Sag Harbor shoreline was chosen as the origin. A reference mark is then placed every 500 feet for convenience in locating a specific coordinate. The resolution with which a coordinate is determined is 10 feet. The coastline and each harbor is given a separate coordinate system with its own unique origin. Therefore each point is identified by a coordinate and two or three capital letters. The letters indicate what body of water is being referred to. The coastline of East Hampton was divided into the following segments:

North Shore Line:	CL
Montauk Harbor:	MH
Napeague Harbor:	NH
Three Mile Harbor:	TMH
Acabomack Harbor:	AH
Hog Creek:	HC
Northwest Creek:	NC

Once the coordinate system has been established, a set of variables descriptive of the coastline can be indexed. There are two types of variables, point variables and line variables. Line variables apply to a segment of the shoreline. The coordinate which identifies a line variable is the point from which this value begins. At the point the line variable changes value, a new coordinate is recorded identifying the new value. To determine the length of the shoreline to which a particular value of the variable applies, the new coordinate is subtracted from the previous coordinate yielding its approximate length in tens of feet. Point variables refer to properties that apply to a particular point or short segment of the shore. Examples are outfall pipes and structures that project into the water. Structures such as piers are classified according to the distance they project into the water.

To create a computer index each value is recorded on a data sheet, as shown in appendix A. The first column of the data sheet gives the coordinate in tens of feet, followed by the source of the information, the resolution with which the coordinate was determined, the variable, and the value of this variable. The value is the specific information being recorded. For example, if the variable is structures, the value may be a jetty of 100 feet in length or a pier of 200 feet. Once this data is coded, it is typed onto the computer and stored on a magnetic diskette. A listing of the symbols used and an example of these files are given in Appendix B.

In order to determine what structures built between the years 1974 and 1976 that were not permitted the following steps were taken. First a listing of all structures on the topographic maps was generated. Then structures identified on the 1974 aerial photographs but not included on the topographic maps are added to the listing. Now a master list of all structures existing at the time of the April 1974 aeriels has been created (Appendix C). Next, the 1976

photographs are examined and structures not on the 1974 master list are listed separately (Appendix D). These structures are compared to a list of the permits issued from April 1974 to March 1976 and another listing is generated (Appendix E) showing those structures permitted with their corresponding permit numbers. Now a listing of those structures which were probably constructed during the period from April 1974 to March 1976 and not permitted is listed (Appendix F) Structures can be on this list for the following reasons:

- 1) A structure could be built after a permit was issued but the permit is not revealed in our search of the permit files.

- 2) A feature in the 1976 photograph could be misidentified as a new structure.

- 3) The structure could predate the 1974 photograph but was not identified on that photograph.

- 4) The structure could have been built between 1974 and 1976 without a permit.

Prior to possible enforcement action, ground inspection should verify the present existence of the structure and evidence for the existence of a permit should be solicited from the owner of the structure. An additional verification of the 1974 photograph may also be advisable.

The structures identified on the 1976 photographs are now included in the computer's inventory file and a 1976 master listing has been created (Appendix G).

#### IV. RECOMMENDATIONS

A linear coordinate system should be utilized to create a computer inventory of all existing structures for more effective management. An earlier phase of this study was done without the use of a coordinate system. That survey proved unreliable and misleading indicating that accurate spatial identification of the structures is essential.

Once this data base is established, periodic sets of aerial photographs should

be taken for the purpose of updating the inventory file. In the process of evaluating a permit application, all agencies involved in the decision should have access to printouts of these computer files

and also the corresponding topographic maps. General knowledge of the existence of an accurate enforcement tool is likely to increase compliance with the regulations.

## APPENDIX A

## THREE MILE HARBOR

Coordinate	Information Source	Resolution	Variable	Value
2203	ACC45	11	GL	N293
2320	"	11	GL	N292
2337	ABB45	11	GL	E498
2356	ABB46	11	ST	PR1
2439	"	11	GL	N291
2553	"	11	GL	N290
2553	"	11	GL	E499
2589	"	11	ST	PRO
2593	SSS20	22	SH	MNE
2619	ABB46	11	GL	E499
2639	"	11	ST	PRO
2657	SSS20	22	SH	MNC
2669	"	22	SH	PIB
2696	"	22	SH	TM
2700	ABB46	11	GL	N289
2730	"	11	GL	E500
2738	SSS20	22	SH	FD
2851	ABB46	11	GL	N290
2866	"	11	GL	N290
3022	SSS10	22	SH	TM
3027	ABB46	11	GL	N289
3031	"	11	SH	BKH
3043	"	11	SH	TM
3077	"	11	ST	JT0
3109	SSS20	11	SH	PIA

APPENDIX B

Coordinate- five digit numerical expression

example: 'coordinate 02203  
value = 22030 feet

Information Source- five character expression

- I. Maps (3 letters, 2 numerics)  
example: ABB42  
A indicates topographic map  
BB42 is the map number
- example: SSS20  
SSS indicates Soil Survey of Suffolk County,  
New York (1975)  
20 is the map number
- II. 1974 Aerial Photographs (2 letters, 3 numerics)  
example: AB219  
AB indicates April 12, 1974 photograph  
219 is the photograph number
- III. 1976 Aerial Photographs (1 letter, 4 numerics)  
example: B2263  
B indicates March 24, 1976 photograph  
2263 is the photograph number

Resolution- two digit numerical expression

form:  $AB = A \times 10^B$   
example: 11 =  $1 \times 10^1 = 10$  feet  
22 =  $2 \times 10^2 = 200$  feet

Variables and corresponding values

Variable- ST (Structures)

Values: PR - Pier  
PRC - Complex Pier  
GR - Groin  
GP - Possible Groin  
JT - Jetty

Variable- GL (Grid Line)\*

example: N290  
N indicates north  
290 = 2,900,000 feet

example: E499  
E indicates east  
499 = 4,990,000 feet

Variable- SH (Shoreline)

Values: BC - Beaches  
BHB- Bridgehampton silt loam, til substratum,  
2 to 6 percent slopes  
CPA- Carver and plymouth sands, 0 to 3 percent slopes  
CUB- Cut and fill land, gently sloping  
DU - Dune land  
FD - Fill land, dredged material  
MA - Made land  
MFB- Montauk fine sandy loam, 3 to 8 percent slopes  
MIB- Montauk soils, graded, 0 to 8 percent slopes  
MNA- Montauk loamy sand, sandy variant, 0 to 3 percent slopes  
MNB- Montauk loamy sand, sandy variant, 3 to 8 percent slopes  
MNE- Montauk loamy sand, sandy variant, 15 to 35 percent slopes  
PIA- Plymouth loamy sand, 0 to 3 percent slopes  
TM - Tidal marsh  
UR - Urban land  
WE - Wareham loamy sand  
BKH- Bulkhead

\*Based on New York Plane Coordinate grid, Long Island Zone

APPENDIX B (continued)

Example of data file. Coordinates are given in fields one to five, resolution in fields six and seven, variable type in fields eight and nine, information source in fields ten to fourteen, and the value is given in the remaining fields.

0	00000115HREE4GBKH
1	0009011GLREE46E505
2	00090225HSS512MNB
3	0009611GLREE46N305
4	0011151STARD60PR0
5	0012511STREE46PRC1
6	0021111GLREE46N304
7	0031511GLADD46N303
8	0037411SHADD46BKH
9	00377225HSS512MNB
10	00397125HSS512FD
11	0040311SHADD46BKH
12	0040711SHSS512FD
13	0041711GLADD46E506
14	0049511GLADD47N302
15	0052211GLADD46E506
16	0059611GLADD46N303
17	0061611GLADD46E506
18	0063111GLADD46E506
19	00676225HSS512MNC
20	00730225HSS512TM
21	0075011GLADD46N304
22	0075611STREE46PRC0
23	0076911STREE46GFB
24	0085711GLREE46N305
25	0089011STREE46GR1
26	0092011GLREE46E506
27	0096811SHREE47BKH
28	0097911SHSS512TM
29	0100511GLREE47N306
30	0101811SHREE47BKH
31	0103411GLREE47N306
32	0107511GLREE47E506
33	0109011STREE47PRC3
34	0122611SHSS512FD
35	END

APPENDIX C

1974 Master List

Montauk Harbor

E HAMPTON MH

LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE PR

LINE #	COORDINATE	RES	IS	VALUE
1	00077	11	AGG54	PIER 100 - 200 FT
2	00083	11	AFF54	COMPLEX PIER 200 - 300 FT
3	00140	11	AFF54	PIER 0 - 100 FT
4	00192	11	AFF54	COMPLEX PIER 100 - 200 FT
5	00195	11	AFF54	COMPLEX PIER 100 - 200 FT
6	00209	51	AB194	PIER 0 - 100 FT
7	00212	51	AB194	PIER 100 - 200 FT
8	00215	51	AB194	PIER 100 - 200 FT
9	00223	51	AB194	PIER 0 - 100 FT
10	00244	51	AB194	PIER 0 - 100 FT
11	00248	51	AB194	PIER 200 - 300 FT
12	00251	51	AB194	PIER 0 - 100 FT
13	00254	51	AB194	PIER 0 - 100 FT
14	00256	51	AB194	PIER 0 - 100 FT
15	00294	51	AB194	PIER 0 - 100 FT
16	00295	11	AFF54	PIER 100 - 200 FT
17	00310	11	AFF54	PIER 100 - 200 FT
18	00313	51	AB194	PIER 0 - 100 FT
19	00332	51	AB194	PIER 0 - 100 FT
20	00350	11	AFF54	COMPLEX PIER 300 - 400 FT
21	00358	11	AFF54	PIER 100 - 200 FT
22	00422	11	AFF54	PIER 100 - 200 FT
23	00483	11	AFF54	COMPLEX PIER 400 - 500 FT
24	00538	11	AFF54	COMPLEX PIER 300 - 400 FT
25	00544	11	AFF54	PIER 100 - 200 FT
26	00588	11	AB194	PIER 0 - 100 FT
27	00591	11	AFF54	PIER 0 - 100 FT
28	00601	11	AFF54	PIER 0 - 100 FT
29	00737	11	AFF54	COMPLEX PIER 400 - 500 FT
30	00750	11	AFF54	COMPLEX PIER 400 - 500 FT
31	00769	11	AFF54	PIER 200 - 300 FT
32	00840	11	AFF54	PIER 100 - 200 FT
33	00860	11	AFF54	COMPLEX PIER 300 - 400 FT
34	00916	11	AFF54	COMPLEX PIER 600 - 700 FT
35	00948	11	AFF54	COMPLEX PIER 900 - 1000 FT
36	01264	11	AFF54	PIER 0 - 100 FT
37	01698	11	AFF55	PIER 0 - 100 FT
38	02508	11	REE55	PIER 0 - 100 FT
39	02792	11	REE55	PIER 100 - 200 FT
40	02822	11	REE55	PIER 100 - 200 FT
41	02998	11	REE55	PIER 100 - 200 FT
42	03006	11	REE55	PIER 100 - 200 FT
43	03670	11	AFF55	COMPLEX PIER 900 - 1000 FT
44	04867	11	AFF55	COMPLEX PIER 700 - 800 FT
45	05043	11	AGG54	PIER 100 - 200 FT
46	05058	11	AGG54	COMPLEX PIER 200 - 300 FT
47	05085	11	AGG54	COMPLEX PIER 200 - 300 FT
48	05185	11	AGG54	PIER 100 - 200 FT
178				END

E HAMPTON MH

LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE GR

LINE #	COORDINATE	RES	IS	VALUE
1	01960	11	REE55	GROIN 0 - 100 FT
2	02285	11	REE55	GROIN 0 - 100 FT
3	03060	11	AFF55	GROIN 0 - 100 FT
178				END

E HAMPTON MH

LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE GP

LINE #	COORDINATE	RES	IS	VALUE
1	00450	11	AFF54	POSSIBLE GROIN 100 - 200 FT
2	01985	11	REE55	POSSIBLE GROIN 0 - 100 FT
3	02320	11	REE55	POSSIBLE GROIN 0 - 100 FT
4	02345	11	REE55	POSSIBLE GROIN 0 - 100 FT
5	02635	11	REE55	POSSIBLE GROIN 0 - 100 FT
6	02887	11	REE55	POSSIBLE GROIN 0 - 100 FT
7	02898	11	REE55	POSSIBLE GROIN 0 - 100 FT
8	02908	11	REE55	POSSIBLE GROIN 0 - 100 FT
9	02935	11	REE55	POSSIBLE GROIN 0 - 100 FT
10	02955	11	REE55	POSSIBLE GROIN 0 - 100 FT
11	02965	11	REE55	POSSIBLE GROIN 0 - 100 FT
12	03480	11	AFF55	POSSIBLE GROIN 0 - 100 FT
13	03556	11	AFF55	POSSIBLE GROIN 0 - 100 FT
14	03564	11	AFF55	POSSIBLE GROIN 0 - 100 FT
15	03590	11	AFF55	POSSIBLE GROIN 0 - 100 FT
16	03700	11	AFF55	POSSIBLE GROIN 0 - 100 FT
17	03810	11	AFF55	POSSIBLE GROIN 0 - 100 FT
178				END

E HAMPTON MH

LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE JT

LINE #	COORDINATE	RES	IS	VALUE
1	03765	11	AFF55	JETTY 0 - 100 FT
2	03776	11	AFF55	JETTY 0 - 100 FT
3	03835	11	AFF55	JETTY 0 - 100 FT
4	03843	11	AFF55	JETTY 0 - 100 FT
5	03868	11	AFF55	JETTY 0 - 100 FT
6	03883	11	AFF55	JETTY 0 - 100 FT
178				END



APPENDIX C (continued)

Three Mile Harbor

E HAMPTON TMH

LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE PR

LINE #	COORDINATE	RES	IS	VALUE
1	02199	11	ACC45	PIER 0 - 100 FT
2	02356	11	ABB46	PIER 100 - 200 FT
3	02589	11	ABB46	PIER 0 - 100 FT
4	02639	11	ABB46	PIER 0 - 100 FT
5	03206	11	ABB46	PIER 0 - 100 FT
6	03516	11	ABB46	PIER 0 - 100 FT
7	03530	11	ABB46	PIER 0 - 100 FT
8	03766	11	ABB46	PIER 0 - 100 FT
9	03786	11	ABB46	PIER 0 - 100 FT
10	03792	11	ABB46	COMPLEX PIER 100 - 200 FT
11	03800	11	ABB46	COMPLEX PIER 100 - 200 FT
12	03806	11	ABB46	COMPLEX PIER 100 - 200 FT
13	03849	11	ABB46	PIER 0 - 100 FT
14	03895	11	ABB46	COMPLEX PIER 200 - 300 FT
15	03908	11	ABB46	COMPLEX PIER 200 - 300 FT
16	03931	11	ABB46	PIER 100 - 200 FT
17	04266	11	ABB46	PIER 0 - 100 FT
18	04272	11	ABB46	PIER 0 - 100 FT
19	04275	11	ABB46	PIER 0 - 100 FT
20	04278	11	ABB46	PIER 0 - 100 FT
21	04295	11	ABB46	COMPLEX PIER 300 - 400 FT
22	04639	11	ABB46	PIER 0 - 100 FT
23	04689	11	ACC46	PIER 0 - 100 FT
24	04712	11	ACC46	PIER 0 - 100 FT
25	04758	11	ACC46	PIER 0 - 100 FT
26	04761	11	ACC46	PIER 0 - 100 FT
27	04765	11	ACC46	PIER 0 - 100 FT
28	04778	11	ACC46	PIER 0 - 100 FT
29	04781	11	ACC46	PIER 0 - 100 FT
30	04785	11	ACC46	PIER 0 - 100 FT
31	04789	11	ACC46	PIER 0 - 100 FT
32	04793	11	ACC46	PIER 0 - 100 FT
33	04972	11	ACC46	COMPLEX PIER 300 - 400 FT
34	04985	11	ACC46	PIER 0 - 100 FT
35	04988	11	ACC46	PIER 0 - 100 FT
36	04990	11	ACC46	PIER 0 - 100 FT
37	04993	11	ACC46	PIER 0 - 100 FT
38	04997	11	ACC46	PIER 0 - 100 FT
39	05002	11	ACC46	PIER 0 - 100 FT
40	05009	11	ACC46	COMPLEX PIER 100 - 200 FT
41	05109	11	ACC46	COMPLEX PIER 400 - 500 FT
42	05131	11	ACC46	PIER 0 - 100 FT
43	05351	11	ACC46	COMPLEX PIER 100 - 200 FT
44	05362	11	ACC46	PIER 0 - 100 FT
45	05544	11	ACC46	COMPLEX PIER 200 - 300 FT
46	05556	11	ACC46	COMPLEX PIER 200 - 300 FT
47	05563	11	ACC46	PIER 100 - 200 FT
48	05565	11	ACC46	PIER 100 - 200 FT
49	05568	11	ACC46	PIER 100 - 200 FT
50	05577	11	ACC46	PIER 100 - 200 FT
51	05585	11	ADD46	COMPLEX PIER 0 - 100 FT
52	05622	51	ACC360	PIER 0 - 100 FT
53	05653	51	ACC360	PIER 0 - 100 FT
214				END

E HAMPTON TMH

LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE GR

LINE #	COORDINATE	RES	IS	VALUE
1	04965	11	ACC46	GROIN 0 - 100 FT
2	05600	11	ADD46	GROIN 0 - 100 FT
214				END

E HAMPTON TMH

LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE GP

LINE #	COORDINATE	RES	IS	VALUE
1	00741	11	ACC45	POSSIBLE GROIN 0 - 100 FT
2	00785	11	ADD45	POSSIBLE GROIN 0 - 100 FT
3	00857	11	ADD45	POSSIBLE GROIN 0 - 100 FT
4	00895	11	ADD45	POSSIBLE GROIN 0 - 100 FT
5	01541	11	ACC45	POSSIBLE GROIN 0 - 100 FT
6	05257	11	ACC46	POSSIBLE GROIN 0 - 100 FT
214				END

E HAMPTON TMH

LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE JT

LINE #	COORDINATE	RES	IS	VALUE
1	01360	11	ACC45	JETTY 0 - 100 FT
2	01382	11	ACC45	JETTY 0 - 100 FT
3	01414	11	ACC45	JETTY 0 - 100 FT
4	01453	11	ACC45	JETTY 0 - 100 FT
5	03077	11	ABB46	JETTY 0 - 100 FT
6	03307	11	ABB46	JETTY 0 - 100 FT
7	03470	11	ABB46	JETTY 0 - 100 FT
214				END

APPENDIX C (continued)

Coast Line

E HAMPTON CL  
LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE PR

LINE #	COORDINATE	RES	IS	VALUE
1	00000	11	ABB42	PIER 500 - 600 FT
2	00015	51	AA391	PIER 100 - 200 FT
3	00194	11	ABB42	COMPLEX PIER 500 - 600 FT
4	00206	11	ABB42	COMPLEX PIER 200 - 300 FT
5	00243	11	ADD42	PIER 100 - 200 FT
6	02070	11	ACC44	COMPLEX PIER 200 - 300 FT
7	06168	11	ADD46	PIER 0 - 100 FT
8	06326	11	ADD46	PIER 0 - 100 FT
9	06330	11	ADD46	PIER 0 - 100 FT
10	06359	11	ADD46	PIER 0 - 100 FT
11	06915	11	REE46	PIER 0 - 100 FT
12	07301	11	REE47	PIER 0 - 100 FT
13	07399	11	REE47	PIER 0 - 100 FT
14	07420	11	REE47	PIER 0 - 100 FT
15	07657	11	ADD47	PIER 0 - 100 FT
16	09993	11	AAA48	PIER 0 - 100 FT
17	10127	11	AAA49	COMPLEX PIER 400 - 500 FT
18	10180	11	AAA49	PIER 100 - 200 FT
19	10266	11	AAA49	PIER 0 - 100 FT
20	10955	11	ABB49	PIER 200 - 300 FT
21	10978	11	ABB49	COMPLEX PIER 300 - 400 FT
22	10980	11	ABB49	PIER 300 - 400 FT
23	11020	11	ABB49	PIER 0 - 100 FT
24	11618	11	ABB50	COMPLEX PIER 200 - 300 FT
25	15213	11	REE53	COMPLEX PIER 500 - 600 FT
26	15428	11	ADD53	PIER 0 - 100 FT
27	15823	11	REE54	PIER 0 - 100 FT
28	15861	11	REE54	COMPLEX PIER 700 - 800 FT
29	16015	11	REE54	COMPLEX PIER 200 - 300 FT
302			END	

E HAMPTON CL  
LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE GR

LINE #	COORDINATE	RES	IS	VALUE
1	00341	11	ABB42	GROIN 300 - 400 FT
2	01790	11	ACC44	GROIN 0 - 100 FT
3	01966	11	ACC44	GROIN 200 - 300 FT
4	05045	11	ADD46	GROIN 400 - 500 FT
5	15402	11	ADD53	GROIN 0 - 100 FT
6	15469	51	ADD37	GROIN 0 - 100 FT
302			END	

E HAMPTON CL  
LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE GP

LINE #	COORDINATE	RES	IS	VALUE
1	02568	11	ADD44	POSSIBLE GROIN 0 - 100 FT
2	03532	11	ADD43	POSSIBLE GROIN 0 - 100 FT
3	03553	11	ADD43	POSSIBLE GROIN 0 - 100 FT
4	07132	11	REE47	POSSIBLE GROIN 0 - 100 FT
5	07289	11	REE47	POSSIBLE GROIN 0 - 100 FT
6	10076	11	ABB49	POSSIBLE GROIN 0 - 100 FT
302			END	

E HAMPTON CL  
LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE JT

LINE #	COORDINATE	RES	IS	VALUE
1	00305	11	ABB42	JETTY 100 - 200 FT
2	05074	11	ADD46	JETTY 500 - 600 FT
3	07475	11	REE47	JETTY 0 - 100 FT
4	07491	11	REE47	JETTY 0 - 100 FT
5	07524	11	REE47	JETTY 0 - 100 FT
6	07553	11	REE47	JETTY 0 - 100 FT
7	07592	11	REE47	JETTY 0 - 100 FT
8	07616	11	REE47	JETTY 0 - 100 FT
9	07688	11	ADD47	JETTY 0 - 100 FT
10	07708	11	ADD47	JETTY 0 - 100 FT
11	07720	11	ADD47	JETTY 0 - 100 FT
12	07727	11	ADD47	JETTY 0 - 100 FT
13	07745	11	ADD47	JETTY 0 - 100 FT
14	07787	11	ADD47	JETTY 0 - 100 FT
15	07814	11	ADD47	JETTY 0 - 100 FT
16	07826	11	ADD47	JETTY 0 - 100 FT
17	07853	11	ADD47	JETTY 0 - 100 FT
18	08972	11	ACC48	JETTY 0 - 100 FT
19	08996	11	ACC48	JETTY 0 - 100 FT
20	09010	11	ACC48	JETTY 0 - 100 FT
21	09023	11	ACC48	JETTY 0 - 100 FT
22	09042	11	ACC48	JETTY 0 - 100 FT
23	09058	11	ACC48	JETTY 0 - 100 FT
24	09071	11	ACC48	JETTY 0 - 100 FT
25	09084	11	ACC48	JETTY 0 - 100 FT
26	09095	11	ACC48	JETTY 0 - 100 FT
27	09643	11	ABB48	JETTY 0 - 100 FT
28	09664	11	ABB48	JETTY 0 - 100 FT
29	09684	11	ABB48	JETTY 0 - 100 FT
30	09727	11	ABB48	JETTY 0 - 100 FT
31	09811	11	ABB48	JETTY 0 - 100 FT
32	09907	11	ABB48	JETTY 0 - 100 FT
33	09943	11	ABB48	JETTY 0 - 100 FT
34	10022	11	AAA49	JETTY 0 - 100 FT
35	10048	11	AAA49	JETTY 0 - 100 FT
36	10077	11	AAA49	JETTY 0 - 100 FT
37	11149	11	ABB49	JETTY 100 - 200 FT
38	11606	11	ABB50	JETTY 0 - 100 FT
39	17409	11	AGG54	JETTY 100 - 200 FT
40	17475	11	AGG54	JETTY 100 - 200 FT

APPENDIX C (continued)

Hog Creek

Napeague Harbor

E HAMPTON HC  
 LIST OF ALL DATA FOR VARIABLE ST  
 WITH VALUE PR

LINE #	COORDINATE	RES	IS	VALUE
1	00111	51	AA360	PIER 0 - 100 FT
2	00125	11	REE46	COMPLEX PIER 100 - 200 FT
3	00756	11	REE46	COMPLEX PIER 0 - 100 FT
4	01090	11	REE47	COMPLEX PIER 300 - 400 FT
36				END

E HAMPTON HC  
 LIST OF ALL DATA FOR VARIABLE ST  
 WITH VALUE GR

LINE #	COORDINATE	RES	IS	VALUE
1	00890	11	REE46	GROIN 100 - 200 FT
36				END

E HAMPTON HC  
 LIST OF ALL DATA FOR VARIABLE ST  
 WITH VALUE GP

LINE #	COORDINATE	RES	IS	VALUE
1	00769	11	REE46	POSSIBLE GROIN 0 - 100 FT
36				END

E HAMPTON HC  
 LIST OF ALL DATA FOR VARIABLE ST  
 WITH VALUE JT

LINE #	COORDINATE	RES	IS	VALUE
36				END

E HAMPTON NH  
 LIST OF ALL DATA FOR VARIABLE ST  
 WITH VALUE PR

LINE #	COORDINATE	RES	IS	VALUE
1	01345	11	ABB51	PIER 0 - 100 FT
51				END

E HAMPTON NH  
 LIST OF ALL DATA FOR VARIABLE ST  
 WITH VALUE GR

LINE #	COORDINATE	RES	IS	VALUE
51				END

E HAMPTON NH  
 LIST OF ALL DATA FOR VARIABLE ST  
 WITH VALUE GP

LINE #	COORDINATE	RES	IS	VALUE
1	00123	11	ABB50	POSSIBLE GROIN 0 - 100 FT
2	00267	11	ABB50	POSSIBLE GROIN 0 - 100 FT
3	00385	11	ABB50	POSSIBLE GROIN 0 - 100 FT
4	00690	11	ABB50	POSSIBLE GROIN 0 - 100 FT
5	00960	11	ABB51	POSSIBLE GROIN 0 - 100 FT
6	01010	11	ABB51	POSSIBLE GROIN 0 - 100 FT
7	01050	11	ABB51	POSSIBLE GROIN 0 - 100 FT
8	01103	11	ABB51	POSSIBLE GROIN 0 - 100 FT
9	01130	11	ABB51	POSSIBLE GROIN 0 - 100 FT
10	01175	11	ABB51	POSSIBLE GROIN 0 - 100 FT
11	01678	11	ACC51	POSSIBLE GROIN 0 - 100 FT
12	02010	11	ACC50	POSSIBLE GROIN 0 - 100 FT
51				END

E HAMPTON NH  
 LIST OF ALL DATA FOR VARIABLE ST  
 WITH VALUE JT

LINE #	COORDINATE	RES	IS	VALUE
1	01351	11	ABB51	JETTY 0 - 100 FT
51				END

APPENDIX C (continued)

Acabomack Harbor

Northwest Creek

E HAMPTON AH  
 LIST OF ALL DATA FOR VARIABLE ST  
 WITH VALUE PR  
 LINE # COORDINATE RES IS VALUE  
 79 END

E HAMPTON AH  
 LIST OF ALL DATA FOR VARIABLE ST  
 WITH VALUE GR  
 LINE # COORDINATE RES IS VALUE  
 79 END

E HAMPTON AH  
 LIST OF ALL DATA FOR VARIABLE ST  
 WITH VALUE GP  
 LINE # COORDINATE RES IS VALUE  
 1 01388 11 ACC47 POSSIBLE GROIN 0 - 100 FT  
 2 01468 11 ACC47 POSSIBLE GROIN 0 - 100 FT  
 3 01744 11 ACC47 POSSIBLE GROIN 0 - 100 FT  
 4 01994 11 ACC47 POSSIBLE GROIN 0 - 100 FT  
 5 02053 11 ACC47 POSSIBLE GROIN 0 - 100 FT  
 79 END

E HAMPTON AH  
 LIST OF ALL DATA FOR VARIABLE ST  
 WITH VALUE JT  
 LINE # COORDINATE RES IS VALUE  
 79 END

E HAMPTON NC  
 LIST OF ALL DATA FOR VARIABLE ST  
 WITH VALUE PR  
 LINE # COORDINATE RES IS VALUE  
 1 02196 11 ABB44 PIER 0 - 100 FT  
 2 02274 11 ABB44 PIER 0 - 100 FT  
 40 END

E HAMPTON NC  
 LIST OF ALL DATA FOR VARIABLE ST  
 WITH VALUE GR  
 LINE # COORDINATE RES IS VALUE  
 40 END

E HAMPTON NC  
 LIST OF ALL DATA FOR VARIABLE ST  
 WITH VALUE GP  
 LINE # COORDINATE RES IS VALUE  
 1 00335 11 ABB43 POSSIBLE GROIN 0 - 100 FT  
 2 00748 11 ABB43 POSSIBLE GROIN 0 - 100 FT  
 40 END

E HAMPTON NC  
 LIST OF ALL DATA FOR VARIABLE ST  
 WITH VALUE JT  
 LINE # COORDINATE RES IS VALUE  
 40 END

APPENDIX D

1976 Additions to Master List

0	COORD	RES	VAR	IS	VALUE
1	CL6344	51	ST	B2266	GROIN 0-100FT
2	CL6369	51	ST	B2266	GROIN 0-100FT
3	CL9031	51	ST	B2276	GROIN 0-100FT
4	CL9058	51	ST	B2276	GROIN 0-100FT
5	HC836	51	ST	B2276	PIER 0-100FT
6	HC908	51	ST	B2276	PIER 0-100FT
7	MH545	51	ST	B2338	PIER 1700-1800FT
8	MH779	51	ST	B2338	PIER 0-100FT
9	MH1013	11	ST	B2338	COMPLEX PIER 500-600FT
10	MH4989	22	ST	B2338	GROIN 0-100FT
11	TMH3920	51	ST	B2266	PIER 0-100FT REPAIR
12	TMH5588	51	ST	B2263	PIER 0-100FT
13	TMH5617	51	ST	B2263	PIER 0-100FT
14	TMH5623	51	ST	B2263	PIER 0-100FT
15					END

APPENDIX E

Permits Issued

0	PERMIT#	-COORDINATE
1	152950056	CL6369
2	152950057	CL6344
3	152960072	CL9031
4	152960076	CL9058
5	152980059	MH1013
6	152980068	MH4989
7		END

APPENDIX F

Structures Probably Not Permitted

0	COORD	RES	VAR	IS	VALUE
1	HC836	51	ST	B2276	PIER 0-100FT
2	HC908	51	ST	B2276	PIER 0-100FT
3	MH545	51	ST	B2338	PIER 1700-1800FT
4	MH779	51	ST	B2338	PIER 0-100FT
5	TMH3920	51	ST	B2266	PIER 0-100FT REPAIR
6	TMH5588	51	ST	B2263	PIER 0-100FT
7	TMH5617	51	ST	B2263	PIER 0-100FT
8	TMH5623	51	ST	B2263	PIER 0-100FT
9					END

APPENDIX G

1976 Master List

Montauk Harbor

E HAMPTON MH

LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE PR

LINE #	COORDINATE	RES	IS	VALUE
1	00077	11	AGG54	PIER 100 - 200 FT
2	00088	11	AFF54	COMPLEX PIER 200 - 300 FT
3	00140	11	AFF54	PIER 0 - 100 FT
4	00192	11	AFF54	COMPLEX PIER 100 - 200 FT
5	00195	11	AFF54	COMPLEX PIER 100 - 200 FT
6	00209	51	AB194	PIER 0 - 100 FT
7	00212	51	AB194	PIER 100 - 200 FT
8	00215	51	AB194	PIER 100 - 200 FT
9	00223	51	AB194	PIER 0 - 100 FT
10	00244	51	AB194	PIER 0 - 100 FT
11	00248	51	AB194	PIER 200 - 300 FT
12	00251	51	AB194	PIER 0 - 100 FT
13	00254	51	AB194	PIER 0 - 100 FT
14	00256	51	AB194	PIER 0 - 100 FT
15	00294	51	AB194	PIER 0 - 100 FT
16	00295	11	AFF54	PIER 100 - 200 FT
17	00310	11	AFF54	PIER 100 - 200 FT
18	00313	51	AB194	PIER 0 - 100 FT
19	00332	51	AB194	PIER 0 - 100 FT
20	00350	11	AFF54	COMPLEX PIER 300 - 400 FT
21	00358	11	AFF54	PIER 100 - 200 FT
22	00422	11	AFF54	PIER 100 - 200 FT
23	00483	11	AFF54	COMPLEX PIER 400 - 500 FT
24	00538	11	AFF54	COMPLEX PIER 300 - 400 FT
25	00544	11	AFF54	PIER 100 - 200 FT
26	00545	51	B2338	PIER 100 - 200 FT
27	00588	11	AB194	PIER 0 - 100 FT
28	00591	11	AFF54	PIER 0 - 100 FT
29	00601	11	AFF54	PIER 0 - 100 FT
30	00737	11	AFF54	COMPLEX PIER 400 - 500 FT
31	00750	11	AFF54	COMPLEX PIER 400 - 500 FT
32	00769	11	AFF54	PIER 200 - 300 FT
33	00779	51	B2338	PIER 0 - 100 FT
34	00840	11	AFF54	PIER 100 - 200 FT
35	00860	11	AFF54	COMPLEX PIER 300 - 400 FT
36	00916	11	AFF54	COMPLEX PIER 600 - 700 FT
37	00948	11	AFF54	COMPLEX PIER 900 - 1000 FT
38	01013	51	B2338	COMPLEX PIER 500 - 600 FT
39	01264	11	AFF54	PIER 0 - 100 FT
40	01698	11	AFF55	PIER 0 - 100 FT
41	02508	11	REE55	PIER 0 - 100 FT
42	02792	11	REE55	PIER 100 - 200 FT
43	02822	11	REE55	PIER 100 - 200 FT
44	02998	11	REE55	PIER 100 - 200 FT
45	03006	11	REE55	PIER 100 - 200 FT
46	03670	11	AFF55	COMPLEX PIER 900 - 1000 FT
47	04867	11	AFF55	COMPLEX PIER 700 - 800 FT
48	05043	11	AGG54	PIER 100 - 200 FT
49	05050	11	AGG54	COMPLEX PIER 200 - 300 FT
50	05085	11	AGG54	COMPLEX PIER 200 - 300 FT
51	05105	11	AGG54	PIER 100 - 200 FT
182				END

E HAMPTON MH

LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE GR

LINE #	COORDINATE	RES	IS	VALUE
1	01960	11	REE55	GROIN 0 - 100 FT
2	02285	11	REE55	GROIN 0 - 100 FT
3	03860	11	AFF55	GROIN 0 - 100 FT
4	04989	51	B2338	GROIN 0 - 100 FT
182				END

E HAMPTON MH

LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE GP

LINE #	COORDINATE	RES	IS	VALUE
1	00450	11	AFF54	POSSIBLE GROIN 100 - 200 FT
2	01985	11	REE55	POSSIBLE GROIN 0 - 100 FT
3	02320	11	REE55	POSSIBLE GROIN 0 - 100 FT
4	02345	11	REE55	POSSIBLE GROIN 0 - 100 FT
5	02635	11	REE55	POSSIBLE GROIN 0 - 100 FT
6	02887	11	REE55	POSSIBLE GROIN 0 - 100 FT
7	02898	11	REE55	POSSIBLE GROIN 0 - 100 FT
8	02908	11	REE55	POSSIBLE GROIN 0 - 100 FT
9	02935	11	REE55	POSSIBLE GROIN 0 - 100 FT
10	02955	11	REE55	POSSIBLE GROIN 0 - 100 FT
11	02965	11	REE55	POSSIBLE GROIN 0 - 100 FT
12	03480	11	AFF55	POSSIBLE GROIN 0 - 100 FT
13	03556	11	AFF55	POSSIBLE GROIN 0 - 100 FT
14	03564	11	AFF55	POSSIBLE GROIN 0 - 100 FT
15	03590	11	AFF55	POSSIBLE GROIN 0 - 100 FT
16	03700	11	AFF55	POSSIBLE GROIN 0 - 100 FT
17	03810	11	AFF55	POSSIBLE GROIN 0 - 100 FT
182				END

E HAMPTON MH

LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE JT

LINE #	COORDINATE	RES	IS	VALUE
1	03765	11	AFF55	JETTY 0 - 100 FT
2	03776	11	AFF55	JETTY 0 - 100 FT
3	03835	11	AFF55	JETTY 0 - 100 FT
4	03843	11	AFF55	JETTY 0 - 100 FT
5	03868	11	AFF55	JETTY 0 - 100 FT
6	03883	11	AFF55	JETTY 0 - 100 FT
182				END

APPENDIX G (continued)

Three Mile Harbor

E HAMPTON TNH

LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE PR

LINE #	COORDINATE	RES	IS	VALUE
1	02199	11	ACC45	PIER 0 - 100 FT
2	02356	11	ABB46	PIER 100 - 200 FT
3	02589	11	ABB46	PIER 0 - 100 FT
4	02639	11	ABB46	PIER 0 - 100 FT
5	03206	11	ABB46	PIER 0 - 100 FT
6	03516	11	ABB46	PIER 0 - 100 FT
7	03530	11	ABB46	PIER 0 - 100 FT
8	03766	11	ABB46	PIER 0 - 100 FT
9	03786	11	ABB46	PIER 0 - 100 FT
10	03792	11	ABB46	COMPLEX PIER 100 - 200 FT
11	03800	11	ABB46	COMPLEX PIER 100 - 200 FT
12	03806	11	ABB46	COMPLEX PIER 100 - 200 FT
13	03849	11	ABB46	PIER 0 - 100 FT
14	03895	11	ABB46	COMPLEX PIER 200 - 300 FT
15	03908	11	ABB46	COMPLEX PIER 200 - 300 FT
16	03920	51	B2266	PIER 100 - 200 FT
17	03931	11	ABB46	PIER 100 - 200 FT
18	04266	11	ABB46	PIER 0 - 100 FT
19	04272	11	ABB46	PIER 0 - 100 FT
20	04275	11	ABB46	PIER 0 - 100 FT
21	04278	11	ABB46	PIER 0 - 100 FT
22	04295	11	ABB46	COMPLEX PIER 300 - 400 FT
23	04639	11	ABB46	PIER 0 - 100 FT
24	04689	11	ACC46	PIER 0 - 100 FT
25	04712	11	ACC46	PIER 0 - 100 FT
26	04758	11	ACC46	PIER 0 - 100 FT
27	04761	11	ACC46	PIER 0 - 100 FT
28	04765	11	ACC46	PIER 0 - 100 FT
29	04778	11	ACC46	PIER 0 - 100 FT
30	04781	11	ACC46	PIER 0 - 100 FT
31	04785	11	ACC46	PIER 0 - 100 FT
32	04789	11	ACC46	PIER 0 - 100 FT
33	04793	11	ACC46	PIER 0 - 100 FT
34	04972	11	ACC46	COMPLEX PIER 300 - 400 FT
35	04985	11	ACC46	PIER 0 - 100 FT
36	04988	11	ACC46	PIER 0 - 100 FT
37	04990	11	ACC46	PIER 0 - 100 FT
38	04993	11	ACC46	PIER 0 - 100 FT
39	04997	11	ACC46	PIER 0 - 100 FT
40	05002	11	ACC46	PIER 0 - 100 FT
41	05009	11	ACC46	COMPLEX PIER 100 - 200 FT
42	05109	11	ACC46	COMPLEX PIER 400 - 500 FT
43	05131	11	ACC46	PIER 0 - 100 FT
44	05351	11	ACC46	COMPLEX PIER 100 - 200 FT
45	05362	11	ACC46	PIER 0 - 100 FT
46	05544	11	ACC46	COMPLEX PIER 200 - 300 FT
47	05556	11	ACC46	COMPLEX PIER 200 - 300 FT
48	05563	11	ACC46	PIER 100 - 200 FT
49	05565	11	ACC46	PIER 100 - 200 FT
50	05568	11	ACC46	PIER 100 - 200 FT
51	05577	11	ACC46	PIER 100 - 200 FT
52	05585	11	ABB46	COMPLEX PIER 0 - 100 FT
53	05588	51	B2263	PIER 0 - 100 FT
54	05617	51	B2263	PIER 0 - 100 FT
55	05622	51	AB360	PIER 0 - 100 FT
56	05623	51	B2263	PIER 0 - 100 FT
57	05653	51	AB360	PIER 0 - 100 FT
218				END

E HAMPTON TNH

LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE GR

LINE #	COORDINATE	RES	IS	VALUE
1	04965	11	ACC46	GROIN 0 - 100 FT
2	05600	11	ADD46	GROIN 0 - 100 FT
218				END

E HAMPTON TNH

LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE GP

LINE #	COORDINATE	RES	IS	VALUE
1	00741	11	ACC45	POSSIBLE GROIN 0 - 100 FT
2	00785	11	ADD45	POSSIBLE GROIN 0 - 100 FT
3	00857	11	ADD45	POSSIBLE GROIN 0 - 100 FT
4	00895	11	ADD45	POSSIBLE GROIN 0 - 100 FT
5	01541	11	ACC45	POSSIBLE GROIN 0 - 100 FT
6	05257	11	ACC46	POSSIBLE GROIN 0 - 100 FT
218				END

E HAMPTON TNH

LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE JT

LINE #	COORDINATE	RES	IS	VALUE
1	01360	11	ACC45	JETTY 0 - 100 FT
2	01382	11	ACC45	JETTY 0 - 100 FT
3	01414	11	ACC45	JETTY 0 - 100 FT
4	01453	11	ACC45	JETTY 0 - 100 FT
5	03077	11	ABB46	JETTY 0 - 100 FT
6	03307	11	ABB46	JETTY 0 - 100 FT
7	03470	11	ABB46	JETTY 0 - 100 FT
218				END



APPENDIX G (continued)

Coast Line

E HAMPTON CL

LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE PR

LINE #	COORDINATE	RES	IS	VALUE
1	00000	11	ABB42	PIER 500 - 600 FT
2	00015	51	ACC91	PIER 100 - 200 FT
3	00194	11	ABB42	COMPLEX PIER 500 - 600 FT
4	00206	11	ABB42	COMPLEX PIER 200 - 300 FT
5	00243	11	ABB42	PIER 100 - 200 FT
6	02070	11	ACC44	COMPLEX PIER 200 - 300 FT
7	06168	11	ADD46	PIER 0 - 100 FT
8	06326	11	ADD46	PIER 0 - 100 FT
9	06330	11	ADD46	PIER 0 - 100 FT
10	06359	11	ADD46	PIER 0 - 100 FT
11	06915	11	REE46	PIER 0 - 100 FT
12	07381	11	REE47	PIER 0 - 100 FT
13	07399	11	REE47	PIER 0 - 100 FT
14	07420	11	REE47	PIER 0 - 100 FT
15	07657	11	ADD47	PIER 0 - 100 FT
16	09993	11	AAA48	PIER 0 - 100 FT
17	10127	11	AAA49	COMPLEX PIER 400 - 500 FT
18	10180	11	AAA49	PIER 100 - 200 FT
19	10266	11	AAA49	PIER 0 - 100 FT
20	10955	11	ABB49	PIER 200 - 300 FT
21	10978	11	ABB49	COMPLEX PIER 300 - 400 FT
22	10980	11	ABB49	PIER 300 - 400 FT
23	11020	11	ABB49	PIER 0 - 100 FT
24	11610	11	ABB50	COMPLEX PIER 200 - 300 FT
25	15213	11	REE53	COMPLEX PIER 500 - 600 FT
26	15428	11	ADD53	PIER 0 - 100 FT
27	15823	11	REE54	PIER 0 - 100 FT
28	15861	11	REE54	COMPLEX PIER 700 - 800 FT
29	16015	11	REE54	COMPLEX PIER 200 - 300 FT
306				END

E HAMPTON CL

LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE GR

LINE #	COORDINATE	RES	IS	VALUE
1	00341	11	ABB42	GROIN 300 - 400 FT
2	01790	11	ACC44	GROIN 0 - 100 FT
3	01966	11	ACC44	GROIN 200 - 300 FT
4	05045	11	ADD46	GROIN 400 - 500 FT
5	06344	51	B2266	GROIN 0 - 100 FT
6	06369	51	B2266	GROIN 0 - 100 FT
7	09031	51	B2276	GROIN 0 - 100 FT
8	09058	51	B2276	GROIN 0 - 100 FT
9	15402	11	ADD53	GROIN 0 - 100 FT
10	15469	51	AB637	GROIN 0 - 100 FT
306				END

E HAMPTON CL

LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE GP

LINE #	COORDINATE	RES	IS	VALUE
1	02568	11	ADD44	POSSIBLE GROIN 0 - 100 FT
2	03532	11	ADD43	POSSIBLE GROIN 0 - 100 FT
3	03553	11	ADD43	POSSIBLE GROIN 0 - 100 FT
4	07132	11	REE47	POSSIBLE GROIN 0 - 100 FT
5	07209	11	REE47	POSSIBLE GROIN 0 - 100 FT
6	10076	11	ABB49	POSSIBLE GROIN 0 - 100 FT
306				END

E HAMPTON CL

LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE JT

LINE #	COORDINATE	RES	IS	VALUE
1	00305	11	ABB42	JETTY 100 - 200 FT
2	05874	11	ADD46	JETTY 500 - 600 FT
3	07475	11	REE47	JETTY 0 - 100 FT
4	07491	11	REE47	JETTY 0 - 100 FT
5	07524	11	REE47	JETTY 0 - 100 FT
6	07553	11	REE47	JETTY 0 - 100 FT
7	07592	11	REE47	JETTY 0 - 100 FT
8	07616	11	REE47	JETTY 0 - 100 FT
9	07688	11	ADD47	JETTY 0 - 100 FT
10	07708	11	ADD47	JETTY 0 - 100 FT
11	07720	11	ADD47	JETTY 0 - 100 FT
12	07727	11	ADD47	JETTY 0 - 100 FT
13	07745	11	ADD47	JETTY 0 - 100 FT
14	07787	11	ADD47	JETTY 0 - 100 FT
15	07814	11	ADD47	JETTY 0 - 100 FT
16	07826	11	ADD47	JETTY 0 - 100 FT
17	07853	11	ADD47	JETTY 0 - 100 FT
18	08972	11	ACC48	JETTY 0 - 100 FT
19	08996	11	ACC48	JETTY 0 - 100 FT
20	09010	11	ACC48	JETTY 0 - 100 FT
21	09023	11	ACC48	JETTY 0 - 100 FT
22	09042	11	ACC48	JETTY 0 - 100 FT
23	09058	11	ACC48	JETTY 0 - 100 FT
24	09071	11	ACC48	JETTY 0 - 100 FT
25	09084	11	ACC48	JETTY 0 - 100 FT
26	09095	11	ACC48	JETTY 0 - 100 FT
27	09643	11	ABB48	JETTY 0 - 100 FT
28	09664	11	ABB48	JETTY 0 - 100 FT
29	09684	11	ABB48	JETTY 0 - 100 FT
30	09727	11	ABB48	JETTY 0 - 100 FT
31	09811	11	ABB48	JETTY 0 - 100 FT
32	09907	11	ABB48	JETTY 0 - 100 FT
33	09943	11	ABB48	JETTY 0 - 100 FT
34	10022	11	AAA48	JETTY 0 - 100 FT
35	10048	11	AAA49	JETTY 0 - 100 FT
36	10077	11	AAA49	JETTY 0 - 100 FT
37	11149	11	ABB49	JETTY 100 - 200 FT
38	11606	11	ABB50	JETTY 0 - 100 FT
39	17409	11	AGG54	JETTY 100 - 200 FT
40	17475	11	AGG54	JETTY 100 - 200 FT
306				END

APPENDIX G (continued)

Napeague Harbor

Hog Creek

E HAMPTON NH

LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE PR

LINE #	COORDINATE	RES	IS	VALUE
1	01345	11	ABB51	PIER 0 - 100 FT
51	END			

E HAMPTON NH

LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE GR

LINE #	COORDINATE	RES	IS	VALUE
51	END			

E HAMPTON NH

LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE GP

LINE #	COORDINATE	RES	IS	VALUE
1	00123	11	ABB50	POSSIBLE GROIN 0 - 100 FT
2	00267	11	ABB50	POSSIBLE GROIN 0 - 100 FT
3	00385	11	ABB50	POSSIBLE GROIN 0 - 100 FT
4	00690	11	ABB50	POSSIBLE GROIN 0 - 100 FT
5	00960	11	ABB51	POSSIBLE GROIN 0 - 100 FT
6	01010	11	ABB51	POSSIBLE GROIN 0 - 100 FT
7	01050	11	ABB51	POSSIBLE GROIN 0 - 100 FT
8	01103	11	ABB51	POSSIBLE GROIN 0 - 100 FT
9	01130	11	ABB51	POSSIBLE GROIN 0 - 100 FT
10	01175	11	ABB51	POSSIBLE GROIN 0 - 100 FT
11	01678	11	ACC51	POSSIBLE GROIN 0 - 100 FT
12	02010	11	ACC50	POSSIBLE GROIN 0 - 100 FT
51	END			

E HAMPTON NH

LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE JT

LINE #	COORDINATE	RES	IS	VALUE
1	01351	11	ABB51	JETTY 0 - 100 FT
51	END			

E HAMPTON HC

LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE PR

LINE #	COORDINATE	RES	IS	VALUE
1	00111	51	AA360	PIER 0 - 100 FT
2	00125	11	REE46	COMPLEX PIER 100 - 200 FT
3	00756	11	REE46	COMPLEX PIER 0 - 100 FT
4	00836	51	B2276	PIER 0 - 100 FT
5	01090	11	REE47	COMPLEX PIER 300 - 400 FT
38	END			

E HAMPTON HC

LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE GR

LINE #	COORDINATE	RES	IS	VALUE
1	00890	11	REE46	GROIN 100 - 200 FT
38	END			

E HAMPTON HC

LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE GP

LINE #	COORDINATE	RES	IS	VALUE
1	00769	11	REE46	POSSIBLE GROIN 0 - 100 FT
38	END			

E HAMPTON HC

LIST OF ALL DATA FOR VARIABLE ST  
WITH VALUE JT

LINE #	COORDINATE	RES	IS	VALUE
38	END			



3 1794 02365492 5

APPENDIX G (Continued)

Acabomack Harbor

Northwest Creek

E HAMPTON AH  
 LIST OF ALL DATA FOR VARIABLE ST  
 WITH VALUE PR  
 LINE # COORDINATE RES IS VALUE  
 79 END

E HAMPTON AH  
 LIST OF ALL DATA FOR VARIABLE ST  
 WITH VALUE GR  
 LINE # COORDINATE RES IS VALUE  
 79 END

E HAMPTON AH  
 LIST OF ALL DATA FOR VARIABLE ST  
 WITH VALUE GP  
 LINE # COORDINATE RES IS VALUE  
 1 01380 11 ACC47 POSSIBLE GROIN 0 - 100 FT  
 2 01468 11 ACC47 POSSIBLE GROIN 0 - 100 FT  
 3 01744 11 ACC47 POSSIBLE GROIN 0 - 100 FT  
 4 01994 11 ACC47 POSSIBLE GROIN 0 - 100 FT  
 5 02053 11 ACC47 POSSIBLE GROIN 0 - 100 FT  
 79 END

E HAMPTON AH  
 LIST OF ALL DATA FOR VARIABLE ST  
 WITH VALUE JT  
 LINE # COORDINATE RES IS VALUE  
 79 END

E HAMPTON NC  
 LIST OF ALL DATA FOR VARIABLE ST  
 WITH VALUE PR  
 LINE # COORDINATE RES IS VALUE  
 1 02196 11 ABB44 PIER 0 - 100 FT  
 2 02274 11 ABB44 PIER 0 - 100 FT  
 40 END

E HAMPTON NC  
 LIST OF ALL DATA FOR VARIABLE ST  
 WITH VALUE GR  
 LINE # COORDINATE RES IS VALUE  
 40 END

E HAMPTON NC  
 LIST OF ALL DATA FOR VARIABLE ST  
 WITH VALUE GP  
 LINE # COORDINATE RES IS VALUE  
 1 00335 11 ABB43 POSSIBLE GROIN 0 - 100 FT  
 2 00740 11 ABB43 POSSIBLE GROIN 0 - 100 FT  
 40 END

E HAMPTON NC  
 LIST OF ALL DATA FOR VARIABLE ST  
 WITH VALUE JT  
 LINE # COORDINATE RES IS VALUE  
 40 END

DUE DATE