

6199a

Form 504  
Rev. Dec. 1933  
DEPARTMENT OF COMMERCE  
U.S. COAST AND GEODETIC SURVEY  
R. S. PATTON, DIRECTOR

## DESCRIPTIVE REPORT

Topographic

~~Hydrographic~~

Sheet No. "C" 6199a

State New York

### LOCALITY

South Shore of Long Island

East Rockaway to Hick's Beach

193 4

### CHIEF OF PARTY

M. O. Witherbee

6199a

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

REG. NO.

TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. "C"

REGISTER NO. 6199a

State New York

South Shore of  
General locality A Long Island

Locality East  
Far Rockaway to Hicks Beach

Scale 1:10,000 Date of survey May, 1934

Vessel Shore Party No. 2

Chief of party M. O. Witherbee,

Surveyed by Oscar Mulford

Inked by Oscar Mulford

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated February 23rd., 1933

Remarks:

DESCRIPTIVE REPORT TO ACCOMPANY  
TOPOGRAPHIC SHEET C.

Instructions dated February 23, 1938.

a. The primary purpose of this sheet was for the location of signals and landmarks for use in hydrography.

Shore line within the area of this sheet was obtained by aerial photography.

b. Landmarks are shown on separate report.

c. The control used on this sheet is of second and third order triangulation.

d. One traverse of 1100 meters was run up Macy Channel for location of hydrographic signals traverse checked with no error on base of Windmill-- Station Gray, Windmill has been removed.

A traverse of 500m. was run up Woodmere Channel for location of hydrographic signals and rod readings were double checked.

e. Hydrographic signals and land marks were located by at least three cuts from triangulation stations or from points established by three point fixes, with exception of hydrographic signals located by direct shots along two afore mentioned traverses.

f. No form lines.

g. No revision.

h. No incomplete or unreliable work.

i. No deviation from standard practice.

j. No junctions with adjoining work.


k. No new names.

l. Recoverable positions furnished on form #524.

m. Aerial photographs have been taken of this area.

n. & o. No comments.

Respectfully submitted,

  
Oscar Mulford,  
Topographer.

DESCRIPTION OF BRIDGES WITHIN AREA TYPOGRAPHIC SHEET C.

Long Beach Highway Bridge.

Located	40	35	1360m.
	73	39	615m.

Bascule type draw.

Vertical Clearance. 12 ft.

Horizontal " 100 ft.

Long Beach Rail Road Bridge.

"Single track"

Located	40	35	1420m.
	73	39	929m.

Singletrack pivot draw type.

vertical clearance. 1ft.

horizontal " 40ft.

Vertical clearances refer to Main High Water. ↙

Respectfully submitted,

*Oscar Mulford*

Oscar Mulford,  
Topographer,

Horizontal swinging type, Railroad Bridge

Lat.  $40^{\circ}-35'$  - 1420 m.

Long.  $73^{\circ}-39'$  - 930 m.

Vertical clearance closed, 3 feet M.H.W.

Horizontal clearance 40 feet.

DESCRIPTION OF BRIDGES WITHIN AREA SHEET C.

Island Park Canal Highway Bridge.

Located	40	36	178m.
	73	39	1056m.

Fixed type---- Concrete.  
 Vertical Clearance - at highway 8 ft.  
 Horizontal " " 25 ft.

Island Park Canal Foot Bridge.

Located	40	35	1715 m.
	73	39	1086m.

Fixed type--- Wooden Structure.  
 Vertical Clearance - 8 ft..  
 Horizontal " - 28 ft..

Woodmere Golf Club Foot Bridge.

Located	40	37	121m.
	73	42	500m.

Fixed type---- Wooden Structure.  
 Vertical Clearance - 13 ft.  
 Horizontal " - 35 ft.

} applied to T-5063

Woodmere Golf Club Foot Bridge.

Located	40	37	345m.
	73	42	715m.

Fixed type---- Steel Arch Suspension.  
 Vert. Clear- 10 ft.  
 Hor. " 86 ft.

} applied to T-5063

Vertical clearances refer to Main High Water.

Respectfully Submitted,

*Approved*  
*M. O. Witherbee*  
 Chief of Party.

*Oscar Mulford*  
 Oscar Mulford,  
 Topographer.



REVIEW OF GRAPHIC CONTROL SURVEY T- *6199a*, SCALE *1,10:000*

Date of Review *11-1-35*

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T- *5062*, *5063*, with particular attention to the following details:

- (a) Projection has been checked in the Field.
- (b) Accuracy of location of plane table control points.
- (c) Discrepancies between detail on this survey and the air photo compilations listed above.
- (d) Discrepancies found in descriptions submitted on Form 524 when compared with the air photo compilations listed above.

2. Refer to the reviews and descriptive reports of air photo compilations Nos. T- , , , for a more complete discussion of any errors or discrepancies found.

Any material errors found on this survey are noted in subsequent paragraphs of this review, and these have been reported to the Field Records Section and the Cartographic Section.

Notes and corrections resulting from the review are shown on this survey in green.

*All recoverable © stations were marked with a (d) and appear on T-5062*

*© SPOT and © ROSE appear on T-5062*

*B. J. Jones*  
*11/5/35*

6199b

Form 504  
Rev. Dec. 1933  
DEPARTMENT OF COMMERCE  
U.S. COAST AND GEODETIC SURVEY  
R. S. PATTON, DIRECTOR

## DESCRIPTIVE REPORT

Topographic Sheet No. "D" 6199b  
~~Hydrographic~~

State New York

### LOCALITY

South Shore of Long Island

Far Rockaway and Vicinity.

193 4

CHIEF OF PARTY

M. O. Witherbee



DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

REG. NO.

TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. "D"

REGISTER NO. 6199b

State New York

General locality SOUTH SHORE OF Long Island

Locality Far Rookaway AND VICINITY

Scale 1:10,000 Date of survey June, 1934

Vessel Shore Party No. 2

Chief of party M. O. Witherbee,

Surveyed by Oscar Mulford

Inked by Oscar Mulford

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated February 23rd, 1933.

Remarks:

DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET D.

Instructions dated February, 23, 1933.

A. The primary purpose of this sheet was for the location of signals and landmarks for use in hydrography and also U.S.E.D. Survey Stations.

Shore line within the area of this sheet was obtained by aerial photography, with exception of a new jetty on South side of East Rockaway Inlet, some shore line showing groins on North side of Inlet opposite Jetty and a bulk headed area on Mott and Hook Creeks

A new jetty has been built on the South side of East Rockaway Inlet and extends southerly into the ocean about 800 meters, said jetty is built of heavy stone squared up on top and averages 5 meters in width at top.

The rock groins on North side of Inlet opposite the jetty are heavily constructed of double wood sheet piling bulkhead held in place by a large rock, groins of this type jut out from the North side of the Inlet easterly of those shown on topographic sheet up to within 200 meters of West side of Atlantic Beach Toll Bridge.

The shore line along Ocean and Inlet is of sand.

b. Land marks are shown on separate report.

c. The control used on this sheet is of second and third order triangulation.

d. No traverses were run.

e. Hydrographic signals and land marks were located by at least three cuts from triangulation stations or from positions established by three point fixes.

The shore line groins and jetty were rodded in either <sup>from</sup> triangulation stations or positions established by three point fixes, bridges were located in like manner.

f. No form lines.

g. No revision work.

h. No incomplete or unreliable work.

i. No deviation from standard practice.

j. No junctions with adjacent work.

k. No new names.

l. Recoverable positions furnished on form #524.

m. Aerial photographs have been taken of this area.

n. The position of the seaward end of East Rockaway Inlet Jetty furnished on photostat obtained by aerial photography differs by 7 meters from the position obtained by topography which was carefully checked by M. O. Witherbee, Chief of Party.

DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET D.

(CONTINUED)

n. The East Rockaway Inlet Jetty has been constructed since the last survey and any changes in coast line will be shown by aerial photography.

o. No comments.

Atlantic Beach Toll Bridge.

Located	40	35	1040 m.
	73	44	308 m.

Bascule type draw Highway Bridge.

Vertical Clearance	15 ft.
Horizontal "	100 ft.

Vertical clearances refer to Main High Water.

*approved*  
*M. D. Witherbee*  
*Chief of Party*

Respectfully submitted,  
*Oscar Mulford*  
Oscar Mulford,  
Topographer.

REVIEW OF GRAPHIC CONTROL SURVEY T- 61996, SCALE 1,10,000Date of Review *Oct. 1935*

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T- , *5063* , with particular attention to the following details:

- (a) Projection has been checked in the Field.
- (b) Accuracy of location of plane table control points.
- (c) Discrepancies between detail on this survey and the air photo compilations listed above.
- (d) Discrepancies found in descriptions submitted on Form 524 when compared with the air photo compilations listed above.

2. Refer to the reviews and descriptive reports of air photo compilations Nos. T- *5063* , , for a more complete discussion of any errors or discrepancies found.

Any material errors found on this survey are noted in subsequent paragraphs of this review, and these have been reported to the Field Records Section and the Cartographic Section.

Notes and corrections resulting from the review are shown on this survey in green.

*A note in green has been made on T-61996 regarding the position of stations enclosed in box. See descriptive report and review of T-5063 for discussion and disposition of these stations.*

*La<sup>3</sup>  
10/35*

*B. G. Jones  
11/5/35*