

6382

Graphic Contact

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

DESCRIPTIVE REPORT

Topographic } Sheet No. 1
~~Hydrographic~~

State New York

LOCALITY

Long Island

Brookland - Coney Island

193 4

CHIEF OF PARTY

M.O. Witherbee

U. S. GOVERNMENT PRINTING OFFICE: 1934

6382

Graphic Contact

DESCRIPTIVE REPORT OF WORK DONE ON

TOPOGRAPHIC SHEET I. 76382

Instructions dated February 23, 1933 .

a. The primary purpose of this sheet was for the location of shore line, hydrographic signals and land marks.

The Coast Line of Coney Island, Shore Line of Coney Island on Gravesend Bay and Coney Island Creek and all shore line along Gravesend Bay Northwesterly to Fort Hamilton was located by traverse, showing wrecks, docks, bulkheads, groins and basins.

The shore line along the ocean on south side of Coney Island is of sand; and practically all the rest of the shore line shown on this sheet is of bulkhead or seawall.

b. Land marks are shown on separate report.

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

d. Began a traverse at station Parapet to Half Moon Hotel, distance of about 3500 meters, resecting at all set-ups to eliminate errors.

Continued traverse from Half Moon Hotel westerly to Coney Island Light a distance of about 1700 meters, resecting at set-ups.

Traversed from Coney Island Light easterly along Gravesend Bay, checking at Atlantic Yacht Club flag pole thence up Coney Island Creek to end of navigable water, and checked by three point fix.

Ran traverse from mouth of Coney Island Creek northwesterly along the shore of Gravesend Bay checking in at Machree flag pole and continuing to and tying in with Fort Hamilton flag pole, having resected at all set-ups.

Located Fort Hamilton Dock by resecting a line shot from a position near Fort Hamilton flag pole and ran a short traverse north of said dock with no check, locating 800 meters of sea-wall which is also shown on topographic sheet J.

e. Hydrographic signals, land marks, docks were located by the usual procedure along traverses.

f. No form lines.

g. No revision work.

h. No incomplete or unreliable work.

i. No deviation from standard practice.

j. The location of the sea-wall at station Parapet and some bulkhead 500 meters west of station Parapet are also shown on Topographic sheet "G" of work done by G.C. McGlosson.

~~Forwarded approved~~

~~Mrs. G. Witherbee, Chief of Party~~

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DESCRIPTIVE REPORT OF WORK DONE ON
TOPOGRAPHIC SHEET "I".

(continued--)

j. The location of 800 meters of sea-wall at northwest corner of this sheet has also been located on Topographic sheet "J" of work done by my-self.

k. No new names.

l. Recoverable positions furnished on form # 524.

m. Aerial photographs have been taken of this area.

o. No comment.

n. Copies of previous survey sheets not available for comparison of coast line.

The limit of navigation on Coney Island Creek is marked by "Gas Co. Bridge" shown on this sheet, said bridge was at one time a drawbridge but has since been de-commissioned and used for a gas main crossing.
Harway Avenue Highway Bridge.

Located	40	34	1632 m.
	73	59	253 m.
Bascule type draw.			
Vertical	clearance		12 ft.
Horizontal	"		70 ft.

Stillwell Avenue Highway Bridge.

Located.	40	34	1750 m.
	73	58	1380 m.

Swing type draw.
Vertical clearance 6 ft.
Horizontal " South Channel 40 ft.
North Channel not navigable.

B.M.T. Railroad Bridge.
(Double track)

Located	40	34	1612 m.
	73	58	1271 m.

Swing type draw.
Vertical clearance. 4 ft.
Horizontal " South Channel, 38 ft.
North Channel not navigable.

called bascule in
U.S.E. Bridge book
& appears to be bascule
on photos. T.M.P.
137

Vertical clearances refer to Main High Water.

Respectfully submitted,

Oscar Mulford
Oscar Mulford,
Topographer.

Forwarded approved
M. O. Witherbee
M. O. Witherbee, Chief of Party.

50 ft. in
U.S.E. Book.
Seals approx
50 ft. on photos.

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. "I"

REGISTER NO. T6382

State New York

General locality Long Island¹⁰

Locality Brooklyn - Coney Island²⁰

Scale 1:10,000 Date of survey Aug. - Sept., 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:

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT } No. H
PHOTOSTAT OF } No. T I

{ received
registered
verified
reviewed
approved

This is forwarded in order that your attention may be directed to the matters as indicated below. Please initial in column 3 as an acknowledgement that your attention has been thus directed. The complete original records are available if desired. If you cannot give this your immediate attention, please initial, note, and forward to the next section marked, calling for the records at your convenience.

ROUTE		Initial	Attention called to
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22	✓	BB	Very poor drafting
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RETURN TO

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Remarks

Decisions

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GEOGRAPHIC NAMES

Survey No. T6382

GEOGRAPHIC NAMES											
Survey No. T6382											
Name on Survey											
	A	B	C	D	E	F	G	H	K		
<u>Brooklyn</u> ✓	369										1
<u>Gravesend Bay</u> ✓	369										2
<u>Coney Island Creek</u> ✓	369										3
<u>Coney Island</u> ✓	369										4
<u>NORTON PT.</u> ✓	369										5
<u>FORT HAMILTON</u> ✓	369										6
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Names underlined in red approved											9
by <u>O. Egan</u> on 1/24/36											10
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REVIEW OF GRAPHIC CONTROL SURVEY T-~~6382~~ , SCALE 1:10,000

Date of Review 4/27/37
7/9/37

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-~~5462~~ 5463, , 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. *See pages 5 and 9 of Descriptive Report T5462*

2. ✓ Refer to the reviews and descriptive reports of air photo compilations Nos. T-~~5462~~ 5463, , 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. *Some*

L. C. Landy

All (d) are located 2 to 8 m. in error. For area covered use T 5463 for Chart compilation. T.M. Price