

8400

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Diag'd. on diag. ch. No. 1256

Form 504

U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Air Photo Compilation

Field No. _____ Office No. T-8400

Horiz. & Vert. Rec'y Tests

LOCALITY

State Florida
General locality Sarasota & Manatee
Counties
Locality Bradenton

1944

CHIEF OF PARTY

Comdr. Ray L. Schoppe

LIBRARY & ARCHIVES

DATE January 12, 1948

8400

DATA RECORD

T- 8400

Quadrangle (II): Bradenton

Project No. (II): 290

Field Office: Tampa, Fla.

Chief of Party: Ray L. Schoppe

Compilation Office: Tampa, Fla.

Chief of Party: Ray L. Schoppe

Instructions dated (II III): 11/16/42

Copy filed in Descriptive
Report No. T- (VI)
*Div. Photogram. Office Files*Completed survey received in office: *17 May 1944*

Reported to Nautical Chart Section:

Reviewed: *19 June 1944*Applied to chart No. *5-86*Date: *19 May 1947*Redrafting Completed: *29 June 1944*Registered: *X Dec. 1947*Published: *1944*

Compilation Scale: 1:20,000

Published Scale: *1:31680*

Scale Factor (III): 1.00

Geographic Datum (III): N.A. 1927

Datum Plane (III): M.S.L. 1929

Reference Station (III): BRADEN, 1934

Lat.: 27°29'41.889"
(1289.3 M)Long.: 82°34'21.445"
(588.7 M)Adjusted
~~#####~~

State Plane Coordinates (VI):

X =

Y =

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
11476	11/12/42	--	1:20,000	Shore area Compiled previously
11477	"	--	"	
11481	"	--	"	
11483	"	--	"	

Tide from (III): --

Mean Range: --

Spring Range: --

Camera: (Kind or source) U. S. C. & G. S. Nine-Lens

Field Inspection by: L. C. Bonham
~~#####~~

date: March, 1944

Contours by: H. B. Wright

date: March, 1944

Field Edit by: H. B. Wright

date: June, 1944

Date of Mean High Water Line Location (III): --

Projection and Grids ruled by (III) Wash. Office

date:

" " " checked by: " "

date:

Control plotted by: B. L. Wiggs

date: March, 1944

Control checked by: E. C. Andrews

date: March, 1944

Radial Plot, by: Tampa Office Personnel

date: March, 1944

Detailed by: S. C. Jaspán

date: Mar-May, 1944

Reviewed in compilation office by: A. D. Kidwell

date: May, 1944

Elevations on Field Edit Sheet
checked by: *H. B. Wright*

date: June, 1944.

STATISTICS (III)

Land Area (Sq. Statute Miles);

Shoreline (More than 200 meters to opposite shore); Previously reported

Shoreline (Less than 200 meters to opposite shore); " "

Number of Recoverable Topographic Stations established; " "

Number of Temporary Hydrographic Stations located by radial plot;

Leveling (to control contours) - miles;

Roman numerals indicate whether the item is to be entered by,

(II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

When entering names of personnel on this record give the surname
and initials (not initials only).

Remarks:

General Procedure in the Production of Topographic Quadrangles for the War Department

T-8400

This quadrangle, together with similar adjoining maps produced under Project C.S. 2900, was prepared by the Coast and Geodetic Survey for the War Department under "General Specifications for War Department Mapping Program" issued about December 1941, in which is incorporated the "Standard of Accuracy for a National Map Production Program" issued by the Bureau of the Budget under date of June 10, 1941.

The general procedure in the production of this and the adjoining quadrangles was:

PREPARATION OF BASE MAPS

Assembly into quadrangle base sheets by photographic means of previously produced planimetric maps of the area. These maps were compiled by this Bureau from aerial photographs taken in 1939 and were published in 1942 on the scale of 1:100,000. Lithographic prints of the quadrangle base sheets on cloth-mounted paper were furnished to the field parties and similar prints in red ink on celluloid sheets were furnished to the compilation office.

This applies to the work to only of this sheet. The remainder was an original compilation from 1942 photos.

FIELD SURVEYS

Aerial photography with the Coast and Geodetic Survey nine-lens camera, with airplane and flight crew furnished by the U. S. Coast Guard. The photographs were taken to the scale of 1:20,000.

Ground inspection of the photographs for identification of control points, and classification and clarification of planimetric details on the photographs. The field parties were permitted to make field inspection notes either on the photographs or on the planimetric base sheet.

Contouring by planetable, directly on the photographs or on the planimetric base sheet at the option of the field party. The contouring for this quadrangle was done on the

Supplementary vertical control was established by means of an extensive subordinate level net, furnishing unmarked elevations at road intersections, driveways, and numerous other points identifiable on the photographs.

COMPILATION OF MANUSCRIPT

Revision of the planimetric base map from the new photographs and addition of contours and corrections obtained by the field parties. No radial plot was made for this work.

FIELD EDIT

Comparison of a copy of the corrected manuscript with the ground. This included inspection for completeness and accuracy as well as the location by planetable methods of additional details, checking of nautical and aeronautical aids to navigation, etc.

Accuracy Tests - Application of systematic horizontal and vertical accuracy tests to check the maps for conformity with the specifications. These tests consisted of comparison of the map position and elevation of selected random points with the true position and elevation as independently determined by standard survey methods.

PROCESSING IN THE WASHINGTON OFFICE

Review - Examination of the manuscript for accuracy and completeness of compilation and compliance with specifications, correcting where necessary; addition of military and state grids and other special features; and verification of the general adequacy of the manuscript as a basis for the production of a finished map.

Drafting and Reproduction - Preparation of smooth color separation drawings on 1:20,000 scale on metal-mounted "blue-line" copies of the manuscript. From these drawings, negatives and printing plates were prepared for reproduction of the finished map on the scale of 1:31,680 or 1:25,000.

DESCRIPTIVE REPORT TO ACCOMPANY
QUADRANGLE T-8400
Project CS 290 B

Ray L. Schoppe, Comdr., Chief of Party

1. Description of the Area. The area involved is a $7\frac{1}{2}$ minute quadrangle, bounded on the west by $82^{\circ} 37' 30''$ west longitude, on the east by $82^{\circ} 30'$ west longitude, on the south by $27^{\circ} 22' 30''$ north latitude, and on the north by $27^{\circ} 30'$ north latitude; it is located in Manatee and Sarasota Counties, Florida, south of the Manatee River, west of the Braden River, and east of Big Sarasota Bay and Palma Sola Bay. In the north portion of the area lies the city of Bradenton, Florida and Manatee, Florida. The main highway, U. S. 41, runs approximately north and south through the quadrangle; many state and county roads form a network of roads through the area.

The area ranges in elevation from approximately 42 feet above sea level in the central portion to approximately sea level on Big Sarasota Bay. The land slopes in four directions; the north and south portions slope toward the Manatee River and Braden River; the northwest and west portions slope toward Palma Sola Bay and Big Sarasota Bay; and the south-east portion slopes toward the Braden River.

The main contour is the 20 foot contour and is found in most of the area. There are three isolated 40 foot contours in the north-central portion, and throughout the quadrangle there are numerous 20 foot depression contours which are usually found in the ponds, marshes, and swamps. Also 20 foot isolated contours are found around the numerous spoils banks of the larger ditches, located in the east and east-central portions of the quadrangle; these are shown on photograph number 11477 and also along U. S. highway 41. South of Bradenton the highway roadbed is 1 to $1\frac{1}{2}$ foot higher than the general ground elevation, making it an isolated 20 foot contour; this is shown on photograph number 11483. See note on photograph number 11481 for note concerning the contours in the ditches around the airfield.

About 40% of the area in this quadrangle is devoted to truck farming and citrus growing. The remaining 60% is made up of woodland, small deciduous swamps, and numerous ponds. There are small areas of mangrove and marsh along the Braden River in the northeast corner of the quadrangle.

The wooded areas are mainly pine with a ground covering of grass and scattered palmetto. A few cabbage palms are encountered in the moist areas around the ponds. There are small areas of deciduous woods along the eastern edge of the quadrangle which contain some cabbage palms and which have a covering of dense deciduous brush and palmetto.

The swamp areas are composed of deciduous trees with scattered palms around the margins and a dense deciduous undergrowth. The majority of the ponds are shallow and contain water only after rainy periods, and are therefore classified as intermittent. Many of these intermittent ponds

are cultivated during part of the year.

There are some logging operations going on in the area to furnish material for a crate factory in Manatee, and there is a travertine quarry on Sugar House Creek.

2. Completeness of Field Inspection. Field inspection has been completed on photographs numbers 11477, 11478, 11485, 11483, and 11481.

The area enclosed by a green dashed line was inspected by the party of Lt. Comdr. K. G. Crosby on 1:10000 scale photographs numbers 4121, 4122, 4123, 4124, 4125, 4128, 4129, 4166, and 4167 in connection with project Cs 242 F, Florida West Coast, Sarasota Bay, Little Sarasota Bay, Venice Inlet, and Lemon Bay, dated March 1, 1944.

3. Interpretation of the Photographs. The color of the cultural features appearing on these photographs is typical of other areas in Florida, Project CS 290, and should be treated the same.

4. Horizontal Control. Horizontal control has been recovered and identified on the photographs by W. Bever, Jr. Topo. Engr., and J. A. Webb, Sen. Engr. Aid. Proper recover notes, pricking cards, and accuracy of identification on the photographs have been completed, checked, and forwarded to the compilation office, according to the instructions.

5. Vertical Control. Vertical control for the planetable was completed by L. F. Hepburn, Engr. Aid, James M. Grover, Photo Aid, and parties. Herbert W. Burgoyne, Engr. Aid, and party levelled a portion of the hard surface roads in the area. Grover and party levelled the vicinity of the business district of Bradenton. All points selected to carry fly elevations were either on bridges, paved intersections, or other identifiable points.

No level lines were closed over 0.25 feet and those closing between 0.10 and 0.25 were adjusted, distributing the error throughout the loop by progressively lowering or raising each point.

No U. S. C. & G. S. or U. S. G. S. bench marks were searched for or recovered, except those which have been recovered by the recovery party.

All points which were checked by the planetable party were found to be within the limits of accuracy and may be shown on the final map.

6. Contours and Drainage. The contouring was done on 1:20000 scale photographs. Planetable methods were used. Drainage was located by planetable and in some cases by pacing where the growth was too heavy to get through with the planetable. There were no large closures.

7. The Mean High Water Line. The mean high water line appears correctly on the red line sheet, except in one place on the south side of the Manatee River just east of the Seaboard Air Line Railway. Corrections are indicated on photograph number 11476 in red ink.

8. Mean Low Water Line. The low water line appears correctly on the red line sheet, except in an area just west of the Bradenton Municipal Pier and in the area indicated in item 7. The low water line in these areas is shown correctly on photograph 11476.

9. Wharves and Shoreline Structures. Several new piers and docks have been constructed along Ware Creek in Bradenton and some others have deteriorated until they are now groups of broken piling. Corrections are indicated in red ink on photograph 11476.

10. Details Offshore from High Water Line. Several rows of pilings which were omitted from the previous compilation have been indicated on photograph 11476.

11. Landmarks and Aids to Navigation. Aids to navigation have been completed by party which worked on Quadrangle No. T-8399 and a separate report has been submitted. *None falls on T-8400*

12. Hydrographic Control. Refer to descriptive report for original planimetric maps. *5 stations on T-8400*

13. Landing Fields and Aeronautical Aids. There is one marked landing field, namely Sarasota - Bradenton Army Air Base, is located north of Sarasota on U. S. Highway 41 (see photo 11481) This field is used by the U. S. Army Air Forces as a training base. There is an unmarked emergency landing field on the west side of U. S. 41, about 1 mile south of Florida State Highway 18A. It is used mainly by crop dusting planes.

Camp Weatherford, in Bradenton, is at present abandoned and was formerly the Bradenton Municipal Airport, but was recently occupied by the U. S. Army Signal Corps.

14. Road Classification. All roads have been classified, except in the city of Bradenton and the city of Manatee in which only class 3 roads or under have been indicated.

Classification of roads on the photographs should supersede the classification on the previous compilation.

15. Bridges. All bridges have been classified by C. C. Fryer, Jr. Topo. Engr. on photographs numbers 11477 and 11483 and on the compilation for T-8396.

16. Buildings and Structures. All buildings that are to be shown on the map compilation have been circled in red ink. All buildings, except dwellings, have been labeled. In the cities of Bradenton and Manatee a congested area has been outlined by a solid blue line, inside of which only the public buildings have been labeled and circled in red ink.

17. Boundary Monuments and Lines. The political subdivisions as shown on the photographs have been transferred to the photographs from a general highway and transportation map prepared by the Florida State Roads Department. This map is published on a small scale, and an attempt was made to transfer the political subdivision boundaries to the photographs as accurately as possible, but due to the varied scale of the photographs on which they were placed, it is not to be assumed that they are correct. It is recommended that they all be checked in the field by the field edit party on the compilations which are to a true scale of 1:20000.

Each photograph that touches or borders on a quadrangle should be examined to locate these boundaries. In many cases they will appear on the wings of the photographs.

This same rule must be followed in regard to the classification of the bridges.

C. C. Fryer,
Jr. Topo. Engr.

18. Geographic Names. This will be the subject of a special report by Jack Stingley, Jr. Topo. Engr.

Supplementary report by S. E. Varnadoe attached hereto

19. Railroads. The number and position of tracks is indicated by a red ink line on photograph number 11476. The ends of spurs are indicated by ticks.

Near the SAL Railway depot in Bradenton the track shown in the center of the street on the previous compilation should be moved to the south edge of the street. The ²¹lettering "RR track in center of 6 m. street" should be deleted on that section of the SAL Railway track running east and west in Bradenton. The ²spur line from the SAL Railway main line to the Manatee Nocatee Crate Co. should be shown in the center of the street instead of at the south edges.

47. Accuracy of the Compilation. A red line sheet of a portion of this quadrangle reduced from a 1:10000 scale compilation on project 242 F was carried to the field during inspection and some corrections and deletions have been indicated in black ink.

48. Accuracy Tests. A horizontal accuracy test will be run through a portion of the quadrangle by a geodetic traverse party under the

supervision of Lt. Comdr. G. W. Lovesee. A vertical accuracy test will be run over a portion of this quadrangle at a later date.

49. Data. Contours, field inspection, and drainage are shown on photographs 11476, 1477, 11481, 11483, and 1148X⁵. Supplemental fly levels are found on photograph 11476 (second copy). Bridges are shown on photographs 11477 and 11483 and on the red line compilation for T-8396.

Respectfully submitted:

Hiram B. Wright

Hiram B. Wright,
Photo Aid.
March 27, 1944

Approved:

Ray L. Schoppe
Ray L. Schoppe
Chief of Party

Department of St. Clair, W. Lawrence & Vertical Security Test will
be run over a portion of this study area at a later date.

Bradon, 1934

Bradenton, Fla. Pow. Corp. Stack, 1925

Manatee Mun. Silver Tank

Nocatee Crôle Co. MT., 1934

Manat, 1934

Whitfield Estates Tank, 1934

Respectfully submitted:

Walter S. Wright

Walter S. Wright
Photo Eng.
March 27, 1944

Approved:

Ray L. Schoppa
Chief of Party

COMPILATION REPORT
To Accompany
SHEET NO. T-8400

26. CONTROL

Six control stations fall within the limits of the sheet and were sufficient for control. All could be held to in the radial plot.

27. RADIAL PLOT

A discussion of the main radial plot, of which this sheet was a part, is included in the compilation report for Sheet T-8399.

28. DETAILING

Approximately one fourth of the sheet in the vicinity of the town of Bradenton, was previously compiled on a scale of 1:10,000. This area was traced directly from a 1:20,000 reduction but a considerable amount of it had to be revised to agree with the new radial plot. The rest of the quadrangle was compiled directly from the photographs. *1939 photos* ? *1942 photos*

The photographs were clear and of fair scale. Field inspection was adequate for detailing.

29. SUPPLEMENTAL DATA

Buildings and other detail at the Sarasota Army Air Base were pantographed from plans furnished by the War Department. This is the only data by other organizations used to supplement the photographs and field inspection.

34. LANDMARKS AND AIDS TO NAVIGATION

One airway beacon falls on the sheet. A Form 524 is being submitted with this report. *At Sarasota US Army Air Base*

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

There are no standard topographic quadrangle maps with which this sheet can be compared.

45. COMPARISON WITH NAUTICAL CHARTS

In comparing the sheet with U. S. C. & G. S. Chart No. 586, (published June 1942 on a scale of 1:40,000), no outstanding discrepancies could be noted.

Forwarded by:
Ray L. Scheppe
Ray L. Scheppe,
Chief of Party.

Respectfully submitted,
Samuel C. Jassan
Samuel C. Jassan,
Sr. Eng. Draftsman.

FIELD EDIT REPORT
To Accompany
SHEET NO. T-8400

46. METHODS

In editing the map compilation, all roads were traversed by truck, and due to the presence of many roads and streets, a thorough inspection was made. All buildings, roads, streets, ditches, canals, etc., that were added to the map compilation were plotted by measurements from topographic features.

All additions, corrections and deletions are to be found on the ozalid print and lithograph copy of the map compilation.

On the ozalid print, black ink was used for all additions, classifications and corrections; green ink was used for all deletions. On the lithograph copy red ink was used for all additions, classifications and corrections.

All citrus was classified by the field edit party. Where the trees were large and overlapped the ground, they were classified as "A"; where they were small or scattered they were classified as "C". *show only as orchard*

The elevations shown on the map compilation were not checked against those shown on the field photographs, as the photographs were not accessible to the field edit party.

47. ADEQUACY OF THE COMPILATION

The compilation was found to be adequate except for the additions, deletions and corrections noted on the field edit sheet. It should be noted that this quadrangle is the poorest received to field edit on the work accomplished during 1944.

48. ACCURACY TESTS

A horizontal accuracy test was run in this quadrangle by a party under the direction of Lieut. Comdr. George W. Lovesee, and a separate report has been submitted.

A vertical accuracy test was run in this quadrangle by Mr. George E. Varnadoe and a separate report has been submitted.

14. ROAD CLASSIFICATIONS

All road classifications were checked in the field and corrections made where necessary. All roads not previously classified were classified according to instructions.

15. BRIDGES

All bridges not classified were classified according to instructions. The classifications given bridges by the field edit party are to supersede all other classifications.

17. BOUNDARY MONUMENTS AND LINES

All boundary lines were checked and corrections are shown on the discrepancy overlay. The boundary lines are now in agreement as shown on a map in the Tax Assessors office of Manatee County.

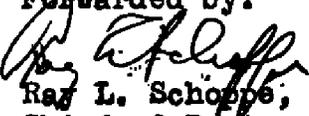
19. DITCHES AND CANALS

The greater part of this quadrangle is drained by man-made canals and ditches. Two of the larger ones, which are known locally as canals, have been labeled canals instead of being classified as ditches.

Respectfully submitted,

Hiram B. Wright,
Photogrammetric Aid.

Forwarded by:


Ray L. Schoppe,
Chief of Party.

FIELD EDIT REPORT
To Accompany
SHEET NO. T-8400

Supplemental Report

The late copy of the Sarasota Army Air Base map is being submitted with this report showing the road system and drainage around the field in detail.

I-II The break in the depression contours shown around the air base is due to under ground drainage located at the end of each runway.

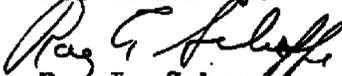
III	Refer to air base map.
IV	" " " " "
V	" " " " "
VI	" " " " "
VII	" " " " "
VIII	" " " " "

The 40' contour in question located in the southeast portion of the quadrangle is to be deleted. The topographer that ran this contour was in error, taking off the wrong elevation. No road one classification in this quadrangle.

Respectfully submitted,

H. B. Wright,
Photo. Aid.

Forwarded by:


Ray L. Schoppe,
Chief of Party.

Japan

VERTICAL ACCURACY TEST

QUADRANGLE 8400

PROJECT CS-290C

A vertical accuracy test in this quadrangle was accomplished by the writer on field photograph 11481.

The test was accomplished by following a single contour and taking shots on the contour at intervals of approximately 150 feet, which are shown by red dots in prick holes.

The test proves the contours are within the limits of accuracy required.

Respectively submitted

George E. Varnadoe
George E. Varnadoe

TESTS FOR HORIZONTAL ACCURACY
 Quadrangles T-8401 & 8400
 Project CS 290 C

This test consists of a second order traverse from triangulation station SCHROEDER to triangulation station MANAT. This traverse was run by the party of Lieut. Comdr. Lovesee, and contains 32 test points, 22 of which were well defined and compiled.

The error of closure was one part in 49,947 meters, 1.19 meter was adjusted throughout the traverse. In the computations P.P. refers to Photograph Point Number, and the scaled distances from the map manuscript are referred to as M.M.

Tabulation of Test Points

Description of point	Test point number	Latitude		Longitude		Difference in mm.
		°	'	°	'	
Inter. of road & fence, 90 degrees	P.P. 1	27	28 941.3	82	22 459.3	.177
	M.M. 1		938.0		458.0	
Inter. of road & road, 90 degrees	P.P. 3	27	28 945.9	82	22 1394.6	.315
	M.M. 3		953.0		1393.0	
Inter. of macadam road & sand road, 90 degrees	P.P. 6.	27	28 963.4	82	23 1227.7	.480
	M.M. 6		973.0		1228.0	
Inter. road & trail, 90 degrees	P.P. 7	27	27 1413.4	82	23 1220.4	.802 X
	M.M. 7		1429.0		1224.0	
Inter. of road & stream.	P.P. 8	27	27 1081.6	82	23 1219.2	1.53 X
	M.M. 8		1112.0		1222.0	
Inter. road & ditch, 90 degrees	P.P. 9	27	26 1552.2	82	23 1213.4	.242
	M.M. 9		1557.0		1214.0	
Inter. road & ditch, 90 degrees	P.P. 10	27	26 701.4	82	23 1208.4	.348
	M.M. 10		708.0		1212.0	
Inter. road & aban.R.R., 75 degrees	P.P. 11	27	26 247.7	82	23 1205.9	.469
	M.M. 11		257.0		1208.0	
Inter. road & road, 90 degrees	P.P. 12	27	25 1657.4	82	23 1203.7	.171
	M.M. 12		1660.0		1204.0	
Inter. road & road, 90 degrees	P.P. 13	27	25 1660.2	82	24 500.7	.117
	M.M. 13		1663.0		502.0	
Inter. road & road, 90 degrees	P.P. 14	27	25 1663.6	82	24 1613.0	.094
	M.M. 14		1662.0		1614.0	
Inter. road & sand road, 90 degrees	P.P. 16	27	26 104.6	82	26 465.3	.342
	M.M. 16		106.0		472.0	
Inter. road & sand road, 80 degrees	P.P. 17	27	26 570.9	82	27 142.0	.224
	M.M. 17		573.0		138.0	

Description of point	Test point number	Latitude	Longitude	Difference in mm.
Inter. of road & sand road, 60 degrees	P.P. 18	27 26 990.2	82 27 1327.9	.915 X
	M.M. 18	1002.0	1342.0	
Inter. of road & ditch, 80 degrees	P.P. 19	27 26 1134.5	82 28 87.9	.501
	M.M. 19	1136.0	78.0	
Inter. of road & sand road, 90 degrees	P.P. 20	27 26 1399.2	82 28 1438.8	.265
	M.M. 20	1394.0	1438.0	
Inter. road & field line.	P.P. 25	27 26 1394.6	82 30 149.1	.002
	M.M. 25	1395.0	140.0	
Inter. road & sand road, 90 degrees	P.P. 26	27 26 1390.9	82 30 567.6	.304
	M.M. 26	1395.0	563.0	
Inter. road & sand road, 75 degrees	P.P. 27	27 26 1391.5	82 30 922.7	.168
	M.M. 27	1393.0	920.0	
Inter. road & canal, 80 degrees	P.P. 28	27 26 1452.8	82 30 1058.9	.060
	M.M. 28	1452.0	1058.0	
Inter. road & sand road, 90 degrees	P.P. 29	27 26 1510.1	82 31 533.9	.110
	M.M. 29	1511.0	532.0	
Inter. road & R.R., 90 degrees	P.P. 30	27 26 1513.4	82 31 1354.0	.378
	M.M. 30	1518.0	1360.0	

All points scaled show a difference of less than .5 mm. with the exception of P.P. 7, P.P. 8, and P.P. 18. 87% of the points listed are within the accuracy required.

Submitted by: 6/20/44

L. W. Swanson
L. W. Swanson,
Lieut. Comdr.

Approved by:

Ray L. Schoppe
Ray L. Schoppe,
Chief of Party.

Remarks

Decisions

	Remarks	Decisions
1		USGB
2		
3		
4		275826
5		Road Maps
6		"
7		Railway Guide
8		"
9		
10		273825
11		"
12		"
13		"
14		"
15		274825
16		"
17		"
18		"
19		"
20		"
21		"
22		"
23		"
24		"
25		"
26		"
27		"

GEOGRAPHIC NAMES

Survey No. _____

BRADENTON quadrangle

1	Name on Survey	On Chart No.		On previous survey No.		On U. S. quadrangle Maps		From local information		On local Maps		P. O. Guide or Map		Rand McNally Atlas		U. S. Light List	
		A	B	C	D	E	F	G	H	K							
	<u>Florida</u> ✓																1
	<u>Manatee County</u> ✓																2
	<u>Sarasota County</u> ✓																3
	<u>Manatee River</u> ✓																4
	<u>U.S. No. 41/ State 5</u> ✓																5
	<u>State Nos. 18, 18A, 161</u> ✓																6
	<u>Seaboard Air Line Ry.</u> ✓																7
	<u>Atlantic Coast Line R.R.</u> ✓																8
																	9
	<u>Sarasota Army Air Base</u> ✓																10
	<u>Pearce Canal</u> ✓																11
	<u>Lockwood Ridge Road</u> ✓																12
	<u>Tallewaat</u> ✓																13
	<u>Matsoka</u> ✓																14
	<u>Bryant Chapel</u> ✓																15
	<u>Mt. Tabor Church</u> ✓																16
	<u>Balentine Manor</u> ✓																17
	<u>Whitfield Estates</u> ✓																18
	<u>Bolsee Creek</u> ✓																19
	<u>John Wesley Camp</u> ✓																20
	<u>Rattlesnake Slough</u> ✓																21
	<u>Prospect School</u> ✓																22
	<u>Oneco</u> ✓																23
	<u>Oneco School</u> ✓																24
	<u>Methodist</u> ✓																25
	<u>Oneco Church</u> ✓																26
	<u>Manasota Cemetery</u> ✓																27
	<u>Church of Christ</u> ✓																28

(a small section along north edge of quad.)

(Tamiami Trail)

(see Sarasota Co. Name Sheet)

~~Matsoka~~

Bryant Chapel ?

Bolsee Creek ???

John Wesley Camp ?

Rattlesnake Slough ✓

Prospect School ✓

Oneco ✓

Oneco School ✓

Methodist ✓

Oneco Church ✓

Manasota Cemetery ✓

Church of Christ ✓

Remarks

Decisions

	Remarks	Decisions
1		274825
2		"
3		"
4		275825 USGB
5		274825 V#AA/
6		"
7		"
8		" USGB
9		"
10		275825 USGB
11		"
12		274825
13		274826
14		273826 USGB
15		"
16		"
17		274824
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		

GEOGRAPHIC NAMES

Survey No. T-8400

2

Name on Survey

On Chart
No.

On previous survey
No.

On U. S. quadrangle
Maps

From local
information

On local Maps

P. O. Guide or Map

Rand McNally Atlas

U. S. Light List

A

B

C

D

E

F

G

H

K

Name on Survey	A	B	C	D	E	F	G	H	K
<u>Elwood Park</u>									1
<u>Jeffs Cowpen Creek</u>									2
<u>Sugar House Creek</u>									3
<u>Braden River</u>									4
<u>Braden Castle</u>									5
<u>Manatee</u>									6
<u>Samoset</u>									7
<u>Bradenton</u>									8
<u>Bradenton High School</u>									9
<u>Wares Creek</u>									10
<u>McLewis Bayou</u>				(a small section here)	name shown	Elletton	Road.		11
<u>Cedar Hammock Drainage Canal</u>									12
<u>Cortez Road</u>				(No. 18A)					13
<u>Longboat Key</u>									14
<u>Sarasota Bay</u>									15
<u>Bishops Point</u>									16
<u>Gap Creek</u>									17
Long Bar Pt									18
									19
									20
									21
									22
									23
									24
									25
									26
									27

Names underlined in red approved
by L. Heck on 6/23/44

SUPPLEMENT TO
SPECIAL REPORT ON INVESTIGATION
OF GEOGRAPHIC NAMES
Dated March 1944

This investigation covers an area including and surrounding Bradenton, Florida.

See instructions, original report, pages 2, 3, 4, 5, and 6.

All names given below fall within the limits of Sheet No. T-8400.

- John Wesley Park-----Established by religious clan and existed for approximately 1 year. Most of the buildings have been razed or moved.
R Name be omitted.
- Prospect school-----Name given by school board. Reason unknown. Local usage.
- Pearce Canal-----Canal named for a Mr. Pearce, who bought the land and dug canal. Local usage.
- Elwood Park-----20Y-R-E-W 1-2-3 IV
1. Perry A. Curry--60 yrs. resident, Manatee, Florida, County commissioner.
2. Robert H. Roesch, Jr.--51 yrs. resident Oneco, Florida, Postmaster.
3. Roy Thompson--55 yrs. resident, Oneco, Florida, Groceryman.
- Matoaka-----A flagstop on the Atlantic Coast Line Railroad. Local Usage.
- Oneco-----30 yrs. R.E.W. 1-2-3 IV
1. James A. Howze--40 yrs. resident, Bradenton, Florida. County Tax Assessor.
2. Roy Thompson--55 yrs. resident, Oneco, Florida, Groceryman.
3. Robert H. Roesch--51 yrs. resident, Oneco, Florida, Postmaster.
- Oneco Cemetery-----
*Manasota Burial Park
*R (Was never known as Oneco Cemetery)
19Y R-E-DGW 1-2-3
1. Roy Thompson--55 yrs. resident, Oneco, Florida, Groceryman.
2. Perry R. Curry--50 yrs. resident, Manatee, Florida, County Commissioner.
3. Robert H. Roesch--51 yrs. resident, Oneco, Florida, Postmaster.

Whitfield Estates---19Y R-E-W 1-2-3 III

1. Mrs. Kathrine D. Frew--15 yrs.
resident, Sarasota, Florida. Frew
Real Estate Company.
2. H. L. Trueblood--16 yrs. resident
Sarasota, Florida, Whitfield Estates.
3. Roy V. Flory--15 yrs. resident,
Sarasota, Florida.

Respectfully submitted,

George E. Varnadoe,
Prin. Photo. Aid.

Forwarded by:

Ray L. Schoppe
Ray L. Schoppe,
Chief of Party.

SUPPLEMENTAL INVESTIGATION OF
GEOGRAPHIC NAMES
SHEET T-8400

Elwood Park-

20Y-R-E-W 1-2-3 IV

1. Perry A. Curry, 60 yrs. resident, Manatee, Fla.
County Commissioner.
2. Robert H. Roesch, Jr., 51 yrs. resident, Oneco, Fla.
Postmaster.
3. Roy Thompson, 55 yrs. resident, Oneco, Fla., Groceryman.

Katoaka-

The name given to a flag stop on the Atlantic Coast Line Railroad by the Railroad. The name is used only in a narrow local sense.

Oneco-

30Y-R-E-W 1-2-3 IV

1. James A. Howze, 40 yrs. resident, Bradenton, Fla.
County Tax Assessor.
2. Roy Thompson, 55 yrs. resident, Oneco, Fla., Groceryman.
3. Robert H. Roesch, Jr. 51 yrs. resident, Oneco, Fla.
Postmaster.

Oneco Cemetary-

*Manasota Burial Park-

*R (Was never known as Oneco Cemetery)

19Y-R-E-D-W 1-2-3

1. Roy Thompson, 51 yrs. resident, Oneco, Fla., Groceryman.
2. Perry R. Curry, 60 yrs. resident, Manatee, Florida.
3. Robert H. Roesch, Jr., 51 yrs. resident, Oneco, Fla.
Postmaster.

Whitfield Estates-

19Y-R-E-W 1-2-3 III

1. Mrs. Kathrine D. Prew, Prew Real Estate Co., Sarasota, Fla., 15 yrs. resident.
2. H. L. Trueblood, 16 yrs. resident, Sarasota, Fla.,
Whitfield Estates.
3. Roger V. Flory, 15 yrs. resident, Sarasota, Fla.

John Wesley Park-

Established by religious clan and existed for approximately 1 year. Most of buildings have been razed or moved. R Name be omitted.

Prospect School-

Name given by School Board--reason unknown. Local usage.

Pearce Canal-

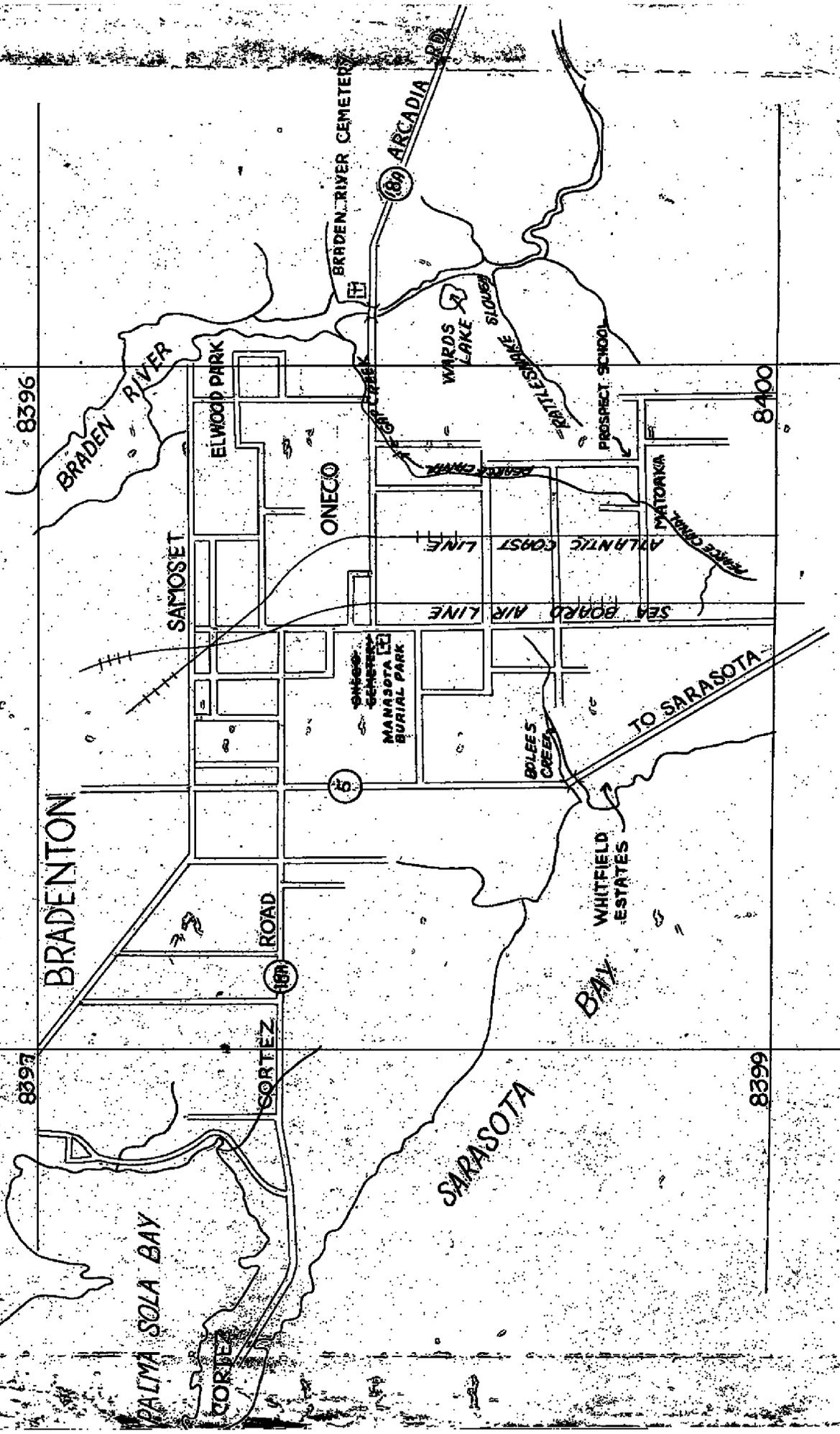
Name given by man named Pearce who bought land and dug canal. Local usage.

Forwarded by:

Ray L. Schoppe
Ray L. Schoppe,
Chief Of Party

Respectfully submitted,

Hiram B. Wright,
Photo. Aid.



8396

8400

8397

8399

BRADENTON

BRADEN RIVER

SAMOSSET

ELWOOD PARK

ONECO

ONCO CEMETERY
MANASOTA BURIAL PARK

5

ATLANTIC COAST LINE

SEA BOARD AIR LINE

BOLEES CREEK

WHITFIELD ESTATES

BAY

SARASOTA

PALMA SOLA BAY

CORTEZ

ROAD

168

CORTEZ

BRADEN RIVER CEMETERY

189

ARCADIA RD

WARDS LAKE

SLOVER

RITTESMOYNE

PROSPECT SCHOOL

MATONKA

TO SARASOTA

RECORDS

Between January, 1942 and July, 1944, this Bureau completed 323 quadrangles. These maps have been published, or are in the process of being published on scales of 1:31,680 or 1:25,000. This series of quadrangles includes a land area of approximately 15,000 square miles. Incident to this work, a considerable volume of survey records and data has accumulated which will be filed for future reference. This material is filed as follows:

Registered and Filed in the Vault.

Cloth-mounted copy of the published quadrangle.

Black and white cloth-mounted copy of the published quadrangle at 1:20,000 scale. This copy is filed to preserve original survey detail shown on the manuscript at 1:20,000 scale which may not have been shown on the published sheet. For woodland, refer to the published quadrangle for the finally adopted outlines.

Descriptive Report.

Filed in the Photogrammetric Division.

Field inspection photographs.

Contoured photographs (on which planetable contouring work was performed.)

Field edit sheet.

Descriptions of recoverable topographic stations (Form 524), filed in Review Section.

Supplementary traverse and level records.

Field notes, computations, lists of positions, and tabulations of results of horizontal and vertical accuracy tests.

Reproduction proof.

Correction sheet (copy of quadrangle showing in red changes to be made when next printed.)

Check lists of work performed on each sheet in the Washington Office during review, drafting, edit, and reproduction.

Copies of specifications and all instructions to field parties and field offices.

Filed in Reproduction Branch.

Glass negatives of the color separation drawings.

Filed in the Library.

Special report on office work by B. G. Jones, 1944.

Season's report on field work by Commander F. L. Gallen, 1944.

Season's report on field work by Commander R. L. Schoppe, 1944.

Delivered to the Army Map Service in accordance with the contract.

Film negatives and film positives of the color separation drawings.

All color separation drawings.

A correction sheet consisting of a copy of the first edition of the quadrangle with notes in red indicating changes desirable at the next printing.

DIVISION OF CHARTS

SURVEYS BRANCH

REVIEW OF AIR PHOTOGRAPHIC SURVEY #-

BRADENTON QUADRANGLE

This quadrangle manuscript has been examined for completeness, accuracy, and conformity with the specifications. It is adequate for smooth drafting, reproduction and publication. Revisions found to be necessary in this office are discussed on the next page.

Horizontal and Vertical Accuracy

Satisfactory. See field edit report

Previous Surveys

This manuscript has been compared with the following previous topographic surveys of this Bureau and other agencies. This map is satisfactory to supersede the previous surveys over the common area.

None

Comparison with Nautical Charts Nos. 586, 1256, 1257

The manuscript has not been applied to the charts at the date of this review. The following comments are pertinent to the compilation and correction of nautical charts:

*Bradenton Lumber Co., Low Silver Water Tank razed, -
shown on all three charts as a landmark.
Reported to Nautical Chart Section, June 13, 1944.*

The following revisions of the map manuscript were found to be necessary and were accomplished as a part of this review:

Reviewed 12 June 1944 By G.B. Willey
under direction of D. H. Benson *per L.T.S.*

Inspected by B. G. Jones *B.G. Jones 12/47*

Examined and approved:

[Signature]
Chief, ~~Surveys Branch~~
Nautical Chart Branch

~~Chief, Topography Section~~

K.T. Adams
Chief, Div. of Charts *Hydrography*

C.K. Green
Chief, Div. of Coastal
Surveys

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Tampa, 5, Florida

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EXPRESS ADDRESS:

826

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

June 20, 1944

JUN 22 PM 4:04

To: The Director
U. S. Coast & Geodetic Survey
Washington, 25, D. C.

From: Comdr. Ray L. Schoppe
Tampa Photogrammetric Office
Tampa, 5, Florida

Subject: Horizontal Accuracy T-8400 and T-8401

There is attached the horizontal accuracy test for the traverse triangulation stations MANAT to SCHROEDER.

It will be noted that only 87% of the points tested fall within the required limit of accuracy. It was found that one of the control stations was plotted in error, thus causing a slight displacement in a couple of points near this station. A small section showing the correction to be made in this area has been previously forwarded to the Washington Office. Allowance for this correction has not been made in this test.

Ray L. Schoppe,
Chief of Party.

Taken care of. Bgg.

