

5487

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

JUN 10 1935

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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. T-5487

~~Hydrographic~~

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

APR 25 1936

Acc. No. _____

State Florida

LOCALITY

VICINITY OF Pensacola

~~Bellview to Brentwood~~

BRENTWOOD AND VICINITY

1934
Date of Photographs July 1934

CHIEF OF PARTY

M. H. Reese

U. S. GOVERNMENT PRINTING OFFICE: 1934

5487

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. 16

REGISTER NO. T-5487

State Florida

General locality ~~Pensacola~~ VICINITY OF PENSACOLA

Locality ~~Bellview to~~ Brentwood AND VICINITY

Scale 1:10,638 Date of photos July 11, 19 34
~~Survey~~

~~Vassar~~ Air Photo Compilation Party No. 24, Pensacola, Fla.

Chief of party M. H. Reese

Surveyed by See data sheet in descriptive report.

Inked by H. A. Butters, Jr.

Heights in feet above ----- to ground to tops of trees

Contour, Approximate contour, Form line interval ---- feet

Instructions dated June 7, 19 34

Remarks: Compiled on 1:10,638 scale. Enlarged and printed
by photolithography to 1:10,000 scale. Scale factor 0.94.

...

- STATISTICS -

on

SHEET, FIELD NO. 16, REG. NO. T-5487

PHOTOS, NO. 208 TO NO. 228

DATE OF PHOTOGRAPHS 7/11/34 TIME 3:15 p.m.

	BY	DATE FROM TO
ROUGH RADIAL PLOT	-----	-----
SCALE FACTOR <u>(0.94)</u>	-----	-----
SCALE FACTOR CHECKED	-----	-----
PROJECTION	<u>E. P. Hernandez, Jr.</u>	<u>1/10/35</u>
PROJECTION CHECKED	<u>R. E. Wagner</u>	<u>1/10/35</u>
Transit pos. by	<u>H. C. Smith</u>	<u>1/22/35</u>
CONTROL PLOTTED	<u>H. C. Moore</u>	<u>1/11/35</u>
CONTROL CHECKED	<u>S. S. Gill</u>	<u>1/11 & 1/22/35</u>
TOPOGRAPHY TRANSFERRED	-----	-----
TOPOGRAPHY CHECKED	-----	-----
SMOOTH RADIAL LINE PLOT	<u>H. C. Smith</u>	<u>1/24 to 1/26/35</u>
RADIAL LINE PLOT CHECKED	<u>E. P. Hernandez, Jr.</u>	<u>1/26/35</u>
DETAIL INKED	<u>H. A. Butters, Jr.</u>	<u>2/4 to 2/23/35</u>
PRELIMINARY REVIEW OF SHEET	<u>E. L. Fitch</u>	<u>6/3/35</u>

TOTAL AREA OF SHEET 9.16 sq. Statute Miles
 AREA OF DETAIL INKED 9.16 sq. Statute Miles (Land Area)
 AREA OF DETAIL INKED _____ sq. Statute Miles (Shoals in Water Area)

LENGTH OF SHORELINE (more than 200 m. from nearest opposite shore) _____ Statute Miles
 LENGTH OF SHORELINE (rivers and sloughs less than 200 m. wide) 4.83 Statute Miles

VICINITY OF
 GENERAL LOCATION Pensacola

LOCATION Bellview to Brentwood AND VICINITY

DATUM North American 1927

Latitude 30°27'02.910" (89.6 m.)

STATION Pensacola, American
Agric. Chem Co.,
Silver Tank. (Adjusted)

Longitude 87°13'35.757" (954.0 m.)

COMPILER'S REPORT

FOR

PHOTO TOPOGRAPHIC SHEET NO. T-5487

I. GENERAL INFORMATION:

Instructions dated June 7, 1934.

The information used in the compilation of this sheet was obtained from notes and sketches on field photographs and from members of the field inspection party in areas in which the draftsman could not determine the exact nature of detail from the photographs.

All names appearing on this sheet were taken from the U.S.A. Fire Control Maps of this area or from field inspection notes.

The area covered by this sheet includes the settlements of Bellview and Brentwood and lies about five miles northwest of the city of Pensacola.

The section in the extreme western part of the sheet (Latitude $30^{\circ}27.5'$ - Longitude $87^{\circ}19.5'$) is a settlement known as Bellview. The area is generally cultivated.

Another and somewhat larger settlement, Brentwood, is found in the eastern part of the sheet (Latitude $30^{\circ}28.0'$ - Longitude $87^{\circ}14.2'$). The locality is mostly residential and includes a real estate subdivision known as Brentwood Park. It is on the Flomaton highway about four miles from Pensacola.

Between Bellview and Brentwood the area is generally wooded with pine, scrub oak and brush. This area is drained by Bayou Marcus which is shown near the middle of the sheet. It is characterized by heavily wooded swampland adjacent to both banks.

There are cultivated areas in the northeastern and southern part of the sheet.

All the area covered by this sheet was traced from photographs taken with the Aero Service Corporation's H.U.I.-33 five-lens camera. Photos Nos. 208-228 were used in tracing.

As no triangulation station falls within the limits of tracing of this sheet, the Station "Pensacola, American Agric. Chem. Co., Silver Tank" has been used as a reference station. It lies about 600 meters south of the lower and eastern tracing limit of the sheet and should be included when the sheet is photographed.

The radial line plot established on this compilation was controlled largely by the control and radial line plots on adjacent compilations, and a traverse run approximately north and south along the tracks of the Louisville & Nashville Railroad.

II. CONTROL:

(A) Sources.

The following sources of control were used in the compilation of this sheet:

(a) Triangulation by M. H. Reese, 1934.

(b) A three-point fix (Lat. $30^{\circ}25'52.740''$ - Long. $87^{\circ}16'24.434''$) by M. H. Reese, 1935.

(c) A traverse (north and south along the tracks of the L. & N. R.R. in the area shown on this sheet) by M. H. Reese, 1935.

The geographic positions of these stations were computed from the North American 1927 Datum (Adjusted).

The control for this sheet is good, except in its western portion.

(B) Errors.

There were no errors in control used on this sheet.

III. COMPILATION:

(A) Method.

The usual five-lens radial method of plotting was used in the compilation of this sheet.

(B) Adjustment of plot.

Most of the photos used in the tracing of this sheet were free from excessive tilt and their scale did not differ greatly from that of the projection. The scales of the different photos were reasonably uniform throughout the area.

(C) Interpretation.

The graphic symbols used were those approved by the Board of Surveys and Maps (1932) except the symbol (§) that was used to denote brush.

(D) Information from other sources.

No information other than that mentioned under "General Information" was used in compiling this sheet.

(E) Conflicting names.

No conflicting names were found on the different charts and maps of this area.

(F) New names.

The name "Brentwood" is the name of a settlement in which the real estate subdivision known as "Brentwood Park" is located, and is approximately at Lat. 30°28.0' and Long. 87°14.2'. A school known as Brentwood School is located within this area. The name Brentwood is in general use in this vicinity.

The name "Bellview" is the name of the settlement located approximately at Lat. 30°27.5' and Long. 87°19.5'. There are a church and school known locally as Bellview Church and Bellview School in the vicinity. The name Bellview is accepted generally as the name of the settlement.

IV. COMPARISON WITH OTHER SURVEYS:

The junctions of this sheet with sheets T-5486 on the east, T-5488 and T-5491 on the south, and T-5491 and T-5492 on the west, are satisfactory.

A comparison of the topography of this sheet with that shown on the U.S.A. Fire Control Maps of the area showed a good agreement. Detail could not be checked as the latter map is very much out of date. For example, existing roads and cultivated patches do not appear on this map, while on it are shown roads, etc., which cannot be found on the current photographs.

V. LANDMARKS:

There are no landmarks of value to navigation on this sheet.

VI. RECOMMENDATIONS FOR FURTHER SURVEYS:

To the best of my knowledge this sheet is complete in all detail necessary for charting purposes, and no further surveys are recommended at this time.

H. A. Butters, Jr.

Submitted by: H. A. Butters, Jr.
Draftsman.

Approved by: *M. H. Reese*
M. H. Reese,
Chief of Party.

This compilation is considered correct within 0.3 to 0.8 m.m. for intersected points and 0.3 to 1.5 m.m. for other detail, the most accurate portion being the eastern third. See page 3.

F. G. E.

Date, June 20, 1935^G

GEOGRAPHIC NAMES

Survey No. T-5487

Chart No. 1265

FLORIDA

Diagram No. _____

Approved by the Division of Geographic Names, Department of Interior. ✕

Referred to the Division of Geographic Names, Department of Interior. R

Under investigation. Q .

[illegible]

REVIEW OF AIR PHOTO COMPILATION NO. T-5487

Chief of Party: M. H. Reese

Compiled by: H.A. Butters, Jr.

Project: Florida Compilation

Instructions dated: June 7, 1934

1. The charts of this area have been examined and topographic information necessary to bring the charts up to date is shown on this compilation. (Par. 16a, *b, c, d, e, g and i; 26; and 64)
Yes. No detail on chart 1265 in this area. This survey is the first made by the U.S.C.G.S. in this area.
2. Change in position, or non-existence of wharfs, lights, and other topographic detail of particular importance to navigation which affect the chart, is discussed in the descriptive report. (Par. 26; and 66 g, n)
~~None.~~
3. Ground surveys by plane table, sextant, or theodolite have been used to supplement the photographic plot where necessary to obtain complete information, and all such surveys are discussed in the descriptive report. (Par. 65; and 66 d, e) *None*
~~Mentioned in descriptive report.~~
4. Blue-prints and maps from other sources which were transmitted by the field party contain sufficient control for their application to the charts. (Par. 28) *none*
~~None submitted.~~
5. Differences between this compilation and contemporary plane table and hydrographic surveys have been examined and rectified in the field before forwarding the compilations to the office and are discussed in the descriptive report.
~~No such surveys.~~
6. The control and adjustment of the photo plot are discussed in the descriptive report. Unusual or large adjustments are discussed in detail and limits of the area affected are stated. (Par. 12b; 44; and 66 c, h, i)
~~Yes.~~
7. High water line on marshy and mangrove coast is clear and adequate for chart compilation. (Par. 16a, 43, and 44)
~~No shore line.~~

NOTE: Strike out paragraphs, words or phrases not applicable and modify those requiring it. Paragraph numbers refer to those in the Topographic Manual. Refer also to the pamphlet "Notes on the Compilation of Planimetric Line Maps from Five Lens Air Photographs."

- ✓8. The representation of low water lines, reefs, coral reefs and rocks, and legends pertaining to them is satisfactory. (Par. 36, 37, 38, 39, 40, 41)

None shown.

- ✓9. Recoverable objects have been located and described on Form 524 in accordance with circular 30, 1933, circular letter of March 3, 1933, and circular 31, 1934. (Par. 29, 30, and 57)

None.

- ✓10. A list of landmarks was furnished on Form 567 and instructions in the Director's letter of July 16, 1934, Landmarks for Charts, complied with. (Par. 16d, e; and 60)

None.

- ✓11. All bridges shown on the compilation are accompanied by a note stating whether fixed or draw, clearance, and width of draw if a draw bridge. Additional information of importance to navigation is given in the descriptive report. (Par. 16c)

No bridges.

- ✓12. Geographic names are shown on the overlay tracing. The accepted local usage of new names has been determined and they are listed in the report, together with a general statement as to source of information and a specific statement when advisable. Complete discussion of place names differing from the charts and from the U. S. G. S. Quadrangles is given in the descriptive report, together with reasons for recommendations made. (Par. 64, and 66k)

All available names are shown on overlay tracing.

- ✓13. The geographic datum of the compilation is N. A. 1927 and the reference station is correctly noted. (Unadjusted)

See "General Information" in descriptive report for note on reference station.

- ✓14. Junctions with adjoining compilations have been examined and are in agreement. (Par. 66j)

Yes.

- ✓15. The drafting is satisfactory and particular attention has been given the following:

Yes.

- ✓1. Standard symbols authorized by the Board of Surveys and Maps have been used throughout except as noted in the report.
- ✓2. The degrees and minutes of Latitude and Longitude are correctly marked.

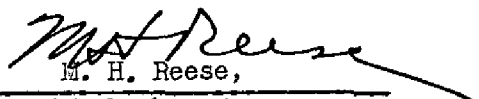
- ✓3. All station points are exactly marked by fine black dots.
- ✓4. Closely spaced lines are drawn sharp and clear for printing.
- ✓5. Topographic symbols for similar features are of uniform weight.
- ✓6. All drawing has been retouched where partially rubbed off.
- ✓7. Buildings are drawn with clear straight lines and square corners where such is the case on the ground.

(Par. 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 48)


✓16. No additional surveying is recommended at this time.

✓17. Remarks:

18. Examined and approved;

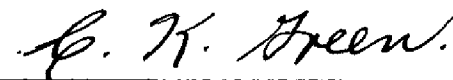
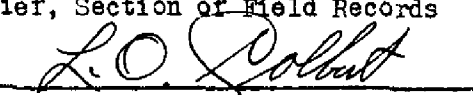

M. H. Reese,
Chief of Party


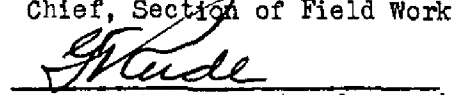
19. Remarks after review in office:

Reviewed in office by: 

4/23/86

Examined and approved:


Chief, Section of Field Records

Chief, Division of Charts


Chief, Section of Field Work

Chief, Division of Hydrography
and Topography.