

8817

W.O.

Diag'd. on diag. Ch. 1249

Form 504

U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC
(PHOTOGRAMMETRIC)

Field No. T-8817 Office No. _____

LOCALITY

State FLORIDA

General locality DADE COUNTY

Locality HOMESTEAD

1947

CHIEF OF PARTY

Lt. Comdr. George E. Morris, Jr.

LIBRARY & ARCHIVES

DATE June 21, 1948

B-1670-1 (1)

2188

DATA RECORD

T-8817

Quadrangle (II): "Homestead"

Project No. (II): PH-10(46)

Field Office: Stuart, Florida Chief of Party: Ross A. Gilmore
Lieut. Comdr.

Compilation Office: Tampa, Fla. Chief of Party: George E. Morris, Jr.
Lieut. Comdr.

Instructions dated (II III): ^{21 Oct 46} ~~25 May, 1945~~ Copy filed in ^{Office Files of Division of} ~~Descriptive~~ ^{Photogrammetry}
~~Report No. T-~~ (VI)

Completed survey received in office: 20 Jan 48

Reported to Nautical Chart Section:

Reviewed: 27 Apr. 48 Applied to chart No. Date:

Redrafting Completed:

Registered: 25 May 48 Published:

Compilation Scale: 1:20,000 Published Scale: 1:24,000

Scale Factor (III): None

Geographic Datum (III): N.A. 1927 ✓ Datum Plane (III): M.S.L.

Reference Station (III): Homestead, 1935 ✓

Lat.: 25° 27' 43."184 (1328.8m) Long.: 80° 28' 39."968 (1116.5m) Adjusted ✓
~~Unadjusted~~

State Plane Coordinates (VI): FLORIDA EAST ZONE

X = 672,305.24 feet Y = 410,476.57 feet

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
16338	27 April 1946	0937EST	1:20,000	inshore
16337	"	0936EST	"	"
16336	"	0935EST	"	"
16324	"	0911EST	"	"
16325	"	0912EST	"	"
16326	"	0914EST	"	"

Tide from (III): inshore

Mean Range: inshore Spring Range:

Camera: (Kind or source) Nine lens, USC&GS 8.25" focal length

Field Inspection by: James E Hundley

date: Jan-April, 1947

Field Edit by: J.D. Weiler

date: Oct. 1947

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

Projection and Grids ruled by (III) T.L.J. (W.O.)

date: ---

" " " checked by: " "

date: ---

Control plotted by: R.J. Pate

date: 3 Feb. 1947

Control checked by: R. Dossett and M.M. Slavney

date: 5 & 7 Feb. 1947

Radial Plot by: M.M. Slavney

date: 4 April 1947

Detailed by: W.W. Dawsey

date: May-July 1947

Reviewed in compilation office by: J.A. Giles

date: July 1947

Elevations on ^{Map Manuscript} ~~original manuscript~~
checked by: J.A. Giles

date: July 1947

STATISTICS (III)

Land Area (Sq. Statute Miles): 67.2

Shoreline (More than 200 meters to opposite shore): inshore quadrangle

Shoreline (Less than 200 meters to opposite shore): inshore quadrangle

Number of Recoverable Topographic Stations established: 6

Number of Temporary Hydrographic Stations located by radial plot:

Leveling (to control contours) - miles: 49.0 Statute

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:

The C.W.A. Survey covers part of this survey. See Quad #271 sheets 4, 5, 6, and 7.

MAP T. 8817

PROJECT NO. Ph-10(46)

SCALE OF MAP 1:20,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR U-COORDINATE LONGITUDE OR X-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
* DA-115, 1936	Dade Co. N.A. C.W.A. File P.9 1927 Not		413,539.56	3,539.56 (6,460.44)			1078.9 (1969.1)		
* DA-116, 1936	Destroyed	"	410,854.73	854.73 (9,145.27)			1405.6 (1642.4)		
	"	"	704,635.34	4,635.34 (5,364.66)			260.5 (2787.5)		
	"	"	408,178.13	8,178.13 (1,821.87)			1412.9 (1635.1)		
* DA-117, 1936	Page 10	"	704,649.65	4,649.65 (5,350.35)			2492.7 (555.3)		
	"	"	405,470.45	5,470.45 (4,529.55)			1417.2 (1630.8)		
* DA-118, 1936	Foot	"	704,686.93	4,686.93 (5,313.07)			1667.4 (1380.6)		
	"	"	405,420.22	5,420.22 (4,579.78)			1428.6 (1619.4)		
* DA-119, 1936	"	"	696,594.87	6,594.87 (3,405.13)			1652.1 (1395.9)		
	not shown on manuscript	"	405,378.88	5,378.88 (4,621.12)			2010.1 (1037.9)		
* DA-120, 1936	"	"	693,793.92	3,793.92 (6,206.08)			1639.5 (1408.5)		
	"	"	405,375.76	5,375.76 (4,624.24)			1156.4 (1891.6)		
* DA-120A, 1936	"	"	691,050.02	1,050.02 (8,949.98)			1638.5 (1409.5)		
	"	"	405,340.16	5,340.16 (4,659.84)			320.0 (2728.0)		
* DA-120B, 1936	Destroyed	"	688,639.85	8,639.85 (1,360.15)			1627.7 (1420.3)		
	"	"	405,337.31	5,337.31 (4,662.69)			2633.4 (414.6)		
* DA-121, 1936	"	"	685,841.21	5,841.21 (4,158.79)			1626.8 (1421.2)		
	"	"	405,296.28	5,296.28 (4,703.72)			1780.4 (1267.6)		
* DA-122, 1936	"	"	683,305.90	3,305.90 (6,694.10)			1614.3 (1433.7)		
	"	"	405,294.05	5,294.05 (4,705.95)			1007.6 (2040.4)		
* DA-122A, 1936	"	"	680,637.75	637.75 (9,362.25)			1613.6 (1434.4)		
	"	"	405,254.04	5,254.04 (4,745.96)			194.4 (2853.6)		
* DA-122B, 1936	not shown on manuscript	"	677,823.91	7,823.91 (2,176.09)			1601.4 (1446.6)		
	"	"					2384.7 (663.3)		

1 FT. = 3048006
COMPUTED BY:

W.H.M. Slavney

DATE 9 Jan. 1947

CHECKED BY R.J. Pate

DATE 23 Jan. 1947

M-2388-12

MAP T. 8817

PROJECT NO. Ph-10(46)

SCALE OF MAP 1:20,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR U-COORDINATE LONGITUDE OR X-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
<i>back not part of memo</i> DA-123, 1936	Dade Co. N.A. CWA File Page 10	1927	405,241.42	5,241.42 (4,758.58)			1597.6 (1450.4)		
			675,165.85	5,165.85 (4,834.15)			1574.6 (1473.4)		
DA-124, 1936	"	"	405,221.45	5,221.45 (4,778.55)			1591.5 (1456.5)		
			672,446.83	2,446.83 (7,553.17)			745.8 (2302.2)		
DA-124A, 1936	"	"	407,859.00	7,859.00 (2,141.00)			2395.4 (652.6)		
			672,429.88	2,429.88 (7,570.12)			740.6 (2307.4)		
DA-124B, 1936	<i>Look</i>	"	410,526.80	526.80 (9,473.20)			160.6 (2887.4)		
			670,419.61	419.61 (9,580.39)			127.9 (2920.1)		
DA-125, 1936	"	"	410,549.57	549.57 (9,450.43)			167.5 (2880.5)		
			672,361.86	2,361.86 (7,638.14)			719.9 (2328.1)		
DA-146, 1936	Page 12	"	405,135.45	5,135.45 (4,864.55)			1565.3 (1482.7)		
			667,095.19	7,095.19 (2,904.81)			2162.6 (885.4)		
DA-146A, 1936	"	"	405,177.43	5,177.43 (4,822.57)			1578.1 (1469.9)		
			669,693.28	9,693.28 (306.72)			2954.5 (93.5)		
DA-146B, 1936	<i>Look</i> Page 13	"	405,174.49	5,174.49 (4,825.51)			1577.2 (1470.8)		
			671,069.14	1,069.14 (8,930.86)			325.9 (2722.1)		
N-51, 1934	Page 20	"	415,836.00	5,836.00 (4,164.00)			1778.8 (1269.2)		
			672,315.63	2,315.63 (7,684.37)			705.8 (2342.2)		
N-52, 1934	"	"	421,142.30	1,142.30 (8,857.70)			348.2 (2699.8)		
			672,249.17	2,249.17 (7,750.83)			685.5 (2362.5)		
X-47, 1934	"	"	422,633.95	2,633.95 (7,366.05)			802.8 (2245.2)		
	Page 23	"	680,898.12	898.12 (9,101.88)			273.7 (2774.3)		
*			419,895.59	9,895.59 (104.41)			3016.2 (31.8)		
X-48, 1934	<i>Destroyed</i>	"	678,491.99	8,491.99 (1,508.01)			2588.4 (459.6)		

1 FT. = 3048008 METERS
COMPUTED BY: M.M. Slavney

DATE 10 Jan. 1947

CHECKED BY: R.J. Pate

DATE 23 Jan. 1947

M-2388-12

9 of 5

MAP T. 8817

PROJECT NO Ph-10(46)

SCALE OF MAP 1:20,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y-COORDINATE LONGITUDE OR X-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
				FORWARD	(BACK)		FORWARD	(BACK)	FORWARD	(BACK)
X-49, 1934	Dade Co. CWA File Page 23	N.A. 1927	415,841.43	5,841.43 (4,158.57)			1780.5 (1267.5)			
			674,938.02	4,938.02 (5,061.98)			1505.1 (1542.9)			
X-50, 1934	"	"	412,940.60	2,940.60 (7,059.40)			896.3 (2151.7)			
			672,395.05	2,395.05 (7,604.95)			730.0 (2318.0)			
			410,476.57	476.57 (9,523.43)			145.3 (2902.7)			
Homestead, 1935	Page 44	"	672,305.24	2,305.24 (7,694.76)			702.6 (2345.4)			
Homestead 1935	1935	"	410,513.7	513.7 (9,486.3)			156.6 (2891.4)			
			675,202.3	5,202.3 (4,797.7)			1585.7 (1462.3)			
Homestead W.T. 1935	G.P. Page 402 #4	N.A. 1927	25 28 28.723				883.8 (962.4)			
			80 28 12.210				341.1 (1334.9)			
CE-64, 1936	Dade Co. CWA File Page 27	"	423,905.8	3,905.8 (6,094.2)			1190.5 (1857.5)			
			680,350.1	350.1 (9,649.9)			106.7 (2941.3)			
CE-182, 1936	" Page 32	"	389,135.9	9,135.9 (864.1)			2784.6 (263.4)			
			661,904.9	1,904.9 (8,095.1)			580.6 (2467.4)			
CF-9, 1936	" Page 34	"	421, 096.2	1,096.2 (8,903.8)			334.1 (2713.9)			
			666,884.0	6,884.0 (3,116.0)			2098.2 (949.8)			
CF-51, 1936	" Page 36	"	423,523.0	3,523.0 (6,477.0)			1073.8 (1974.2)			
			701, 822.4	1,822.4 (8,177.6)			555.5 (2492.5)			
CF-52, 1936	"	"	421,555.0	1,555.0 (8445.0)			474.0 (2574.0)			
			701,848.0	1,848.0 (8152.0)			563.3 (2484.7)			
CF-53, 1936	"	"	419,102.9	9102.9 (897.1)			2774.6 (273.4)			
			701,887.6	1887.6 (8112.4)			575.3 (2472.7)			
CF-54, 1936	"	"	416,272.2	6272.2 (3727.8)			1911.8 (1136.2)			
			701,929.1	1929.1 (8070.9)			588.0 (2,460.0)			

MAP T. 8817

PROJECT NO. Ph-10(46)

SCALE OF MAP 1:20,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ν -COORDINATE LONGITUDE OR χ -COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
				FORWARD	(BACK)		FORWARD	(BACK)	FORWARD	(BACK)
	Dade Co. CWA File	N.A.	413,462.0	3462.0	(6538.0)		1055.2	(1992.8)		
CF-55, 1936	Page 36	1927	701,957.9	1957.9	(8042.1)		596.8	(2451.2)		
	"	"	413,117.6	3117.6	(6882.4)		950.2	(2097.8)		
CF-6, 1936	Page 34	"	666,990.8	6990.8	(3009.2)		2,130.8	(917.2)		
			415,779.0	5779.0	(4221.0)		1,761.4	(1286.6)		
CF-7, 1936	"	"	666,951.9	6951.9	(3048.1)		2,118.9	(929.1)		
			418,436.5	8436.5	(1563.5)		2571.5	(476.6)		
CF-8, 1936	"	"	666,924.3	6924.3	(3075.7)		2110.5	(937.5)		
CF-38 = CE 13, 1936	"	"	415,909.0	5909.0	(4091.0)		1801.1	(1246.9)		
CF-38, 1936	Page 35	"	677,772.8	7772.8	(2227.2)		2369.2	(678.9)		
			413,403.1	3403.1	(6596.9)		1037.3	(2010.7)		
CF-48, 1936	"	"	693,938.2	3938.2	(6061.8)		1200.4	(1847.6)		
			421,222.6	1222.6	(8777.4)		372.6	(2675.4)		
CF-23, 1936	Page 34	"	677,690.7	7690.7	(2309.3)		2344.1	(703.9)		
			423,736.0	3736.0	(6264.0)		1138.7	(1909.3)		
CF-10, 1936	"	"	666,851.8	6851.8	(3148.2)		2088.4	(959.6)		
			423,837.1	3837.1	(6162.9)		1169.6	(1878.5)		
CE, 63, 1936	Page 27	"	674,926.6	4926.6	(5073.4)		1501.6	(1546.4)		
			424,137.8	4,137.8	(5862.2)		1261.2	(1786.8)		
CE-69, 1936	"	"	696,448.2	6448.2	(3551.8)		1965.4	(1082.6)		
			416,094.9	6094.9	(3905.1)		1857.7	(1190.3)		
CE-77, 1936	" $\frac{1}{2}$	"	688,573.5	8573.5	(1426.5)		2613.2	(434.8)		
CE-80, 1936	Last	"	416,217.9	6217.9	(3782.1)		1895.2	(1152.8)	Field editor to submit Form 526	
			699,345.8	9345.8	(654.2)		2848.6	(199.4)		

1 FT. = 3048006 METERS
COMPUTED BY: W.W. Dawsey

DATE 1 July 1947

CHECKED BY: B.F. Lampton

DATE 3 July, 1947

MAP T. 8817

PROJECT NO. Ph-10(46)

SCALE OF MAP 1:20,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
	Dade Co. CWA File	N.A.	416,291.5	6291.5 (3708.5)			1917.6 (1130.4)		
CE-81, 1936	Page 27	1927	704,597.0	4597.0 (5403.0)			1401.2 (1647.8)		
			410,710.8	710.8 (9289.2)			216.6 (2831.4)		
CE-90, 1936	Page 28	"	685,930.1	5930.1 (4069.9)			1807.5 (1240.5)		
			410,800.0	800.0 (9200.0)			243.8 (2804.2)		
CE-94, 1936	"	"	696,674.1	6674.1 (3325.9)			2034.3 (1013.7)		
			410,699.2	699.2 (9300.8)			213.1 (2834.9)		
CE-89, 1936	"	"	683,260.3	3260.3 (6739.7)			993.7 (2054.3)		
			415,933.2	5933.2 (4066.8)			1808.4 (1239.6)		
CE-74, 1936	Page 27	"	680,470.4	470.4 (9529.6)			143.4 (2904.6)		
			421,135.1	1135.1 (8864.9)			346.0 (2702.0)		
CF-9A, 1936	Page 34	"	669,617.5	9617.5 (382.5)			2931.4 (116.6)		
			399,821.2	9821.2 (178.8)			2993.5 (54.5)		
CE-175, 1936	Page 32	"	667,146.5	7146.5 (2,853.5)			2178.2 (869.7)		
			407,834.5	7834.5 (2165.5)			2388.0 (660.0)		
CF-4, 1936	Page 33	"	667,049.9	7049.9 (2950.1)			2148.8 (899.2)		
			407,859.0	7859.0 (2141.0)			2395.4 (652.6)		
DA 124A, 1936	Page 10	"	672,429.9	2429.9 (7570.1)			740.6 (2307.4)		
			423,809.1	3809.1 (6190.9)			1161.0 (1887.0)		
CE-62, 1936	Page 26	"	672,206.2	2206.2 (7793.8)			672.4 (2375.5)		
			398,407.7	8407.7 (1592.3)			2562.7 (485.3)		
CE-199, 1936	Page 32	"	673,139.0	3139.0 (6861.0)			956.8 (2091.2)		
			399,866.6	9866.6 (133.4)			3007.3 (40.7)		
CE-200, 1936	"	"	672,845.6	2845.6 (7154.4)			867.3 (2180.7)		

COMPUTED BY: W.W. Dawsey

DATE 1 July 1947

CHECKED BY: B. F. Lampton

DATE 3 July 1947

M-2388-12

MAP T. 3817 PROJECT NO. PH-10 SCALE OF MAP SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR N-COORDINATE LONGITUDE OR E-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927-DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
				FORWARD	(BACK)		FORWARD	(BACK)	FORWARD	(BACK)
CE 66, 1936 (F.G.S.)										
CE 67, 1936 (F.G.S.)										
CE 76, "	"									
CE 189, "	"									
CE 191, "	"									
CE 192, "	"									
CE 193, "	"									
CE 194, "	"									
CF 44, "	"									
CF 46, "	"									
CE 65, 1936 (F.G.S.)	Not shown on manuscript									
CE 68, 1936 (F.G.S.)	Not shown on manuscript									

Prepared during review. J.R.

1 FT. = 3048006 METER

COMPUTED BY:

DATE

CHECKED BY:

DATE

M-2388-12

MAP T. 8817.

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y -COORDINATE LONGITUDE OR x -COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
				FORWARD	(BACK)		FORWARD	(BACK)	FORWARD	(BACK)
CE 70, 1936 (F.G.S.)	Not shown on									
CE 72,	"	" "	"							
CE 75,	"	" "	"							
CE 78,	"	" "	"							
CE 88,	"	" "	"							
CE 92,	"	" "	"							
CE 93,	"	" "	"							
CE 95,	"	" "	"							
CE 96,	"	" "	"							
CE 160	"	" "	"							
CE 161	"	" "	"							
CE 160	"	" "	"							

M-2388-12

FIELD INSPECTION REPORT
TO ACCOMPANY QUADRANGLE T-8817

HOMESTEAD

Ph-10(46)

27 Feb. 1947

1 - DESCRIPTION OF THE AREA:

This standard $7\frac{1}{2}$ minute quadrangle, Index No. N2522.5-W8022.5/7.5, lies in the southern part of Dade County, Florida, and is an inland quadrangle having no shoreline.

The Seaboard and Florida East Coast Railroads connect Homestead and Florida City with the northern part of the state. The Seaboard's southern most line terminates at Homestead and the Florida East Coast's southern most line terminates approximately 1.0 mile south of Florida City. U. S. Highway No. 1 runs through Homestead and Florida City from northeast thence to southeast.

The northwestern part of this quadrangle is comparatively high ground and is the site of the City of Homestead and Florida City, the only incorporated towns within its limits. These two towns are essentially packing house and shipping centers for citrus fruit and vegetables grown in this area for export to northern markets. Elevations vary from 5 to 12 feet in a northwesterly direction.

The northeast, southeast and southwestern portions of the quadrangle are low ground, generally sloping southeasterly toward Biscayne Bay and the Keys with elevations ranging from 5.0 to 2.5 feet west to east. The soil varies in composition from marl in the western part to muck in the east. The northeastern portion is devoted exclusively to the growing of vegetables. Three canals and numerous drainage ditches traverse this latter area.

The southeast part of the quadrangle is extremely low ground varying in elevation from 0.1 to 2.5 feet from southeast to northwest. Its soil is muck. South Dade Farms, Inc. is constructing new roads and drainage ditches in this area. Vegetation is marsh grass and scattered brush.

The southwest part of the quadrangle is medium low ground varying in elevation from 2.0 to 5.0 feet. It is gladeland consisting of marsh grass and scattered brush.

2 - COMPLETENESS OF FIELD INSPECTION

Field inspection was done, for the most part, in the course of planetable contouring.

It is believed that enough notes and symbols appear on the photographs to assist the compiler in completing this quadrangle according to instructions.

New roads and drainage ditches proposed by the South Dade Farms, Inc., but not under construction at time of field inspection in the southern half of this area, are being referred to Field Edit.

All field inspection notes are on photographs No. 16324 (prints 1 and 2), 16325 (prints 1 and 2), 16326, 16336, 16337, and 16338, and on the "Homestead Army Airfield, Basic Layout Plan" (Dade Co. Port Authority).

3 - INTERPRETATION OF PHOTOGRAPHS

Interpretation of photographic features is quite apparent.

Extremely white areas are newly cleared with marl or Coral rock composition, dark areas being muck and with exception in glades where dark spots consist of brush in very wet areas. Roads appearing extremely white are topped with coral rock. Gray to light gray areas consist of marsh grass.

4 - HORIZONTAL CONTROL:

All horizontal control of the U.S.C. & G.S. and Florida Geodetic Survey (Fla. Geod. S.) located in this area was searched for.

12 Twelve stations (eleven Fla. Geod. S. and one U.S.C. & G.S.) were identified on the photographs.

11 + 1 Only one of the U.S.C. & G.S. stations was identified due to a sufficient number of other stations in the area meeting the requirements for the project.

The Fla. Geod. S. stations identified are of 2nd and 3rd order accuracy.

It was necessary to prick only one sub-station in the area.

No stations exist in the south central and southeastern parts of this area.

No adjustment for datum is necessary. All control identification is on photographs Nos. 16324 (No. 1), 16325 (No. 1), 16326, 16337 and 16338.

5 - VERTICAL CONTROL:

A first order U.S.C. & G.S. level line running near the FEC railroad from the northern limits of the quadrangle to Florida City was recovered with stations appearing approximately 1.0 mi. apart.

A series of 3rd order bench marks established by the Fla. Geod. S. were recovered in the northern half and extreme western part of this area, with the distribution being such that no new level points were needed.

However, 49.0 statute miles of 4th order levels, with 44 points established, were run in the southwest, southcentral and southeast parts with points appearing on an average of approximately 1.0 mile apart. The largest error of closure of any line was 0.5 foot. All lines, with error of closure of 0.3 ft. or greater, were adjusted. Level notes are recorded in Vo. No. 1, Ph-10(46).

All vertical control is identified on photographs Nos. 16324 (No.1), 16325(No.1), 16326, 16336, 16337 and 16338.

6 - CONTOURS AND DRAINAGE:

Contouring in this area was done by planetable method and consisted mostly of checking contouring done by the Fla. Geod.S. in 1936. See special report "Revision Contouring, *In File Section,* CWA, Dade County, Project CS-312-B" by J. K. Wilson, for *Div. of Photo-grammetry.* analysis of C.W.A.(Fla.Geod.S.) contouring.

Fla.Geod.S. ran contours in this area consistent with the slope of the natural ground, disregarding minute and man-made earthen construction, such as spoil banks and roads. Elevations were established along these spoils and roads to determine the final courses of the contours, if such changes were established.

All drainage in this area consists of man-made canals and ditches.

7 - MEAN HIGH-WATER LINE:

Not Applicable

8 - LOW-WATER LINE:

Not Applicable

9 - WHARVES AND SHORELINE STRUCTURES:

Not Applicable

10 - DETAILS OFFSHORE FROM HIGH-WATER LINE:

Not Applicable

11 - LANDMARKS AND AIDS TO NAVIGATION:

There are no landmarks worthy of note in this quadrangle.

12 - HYDROGRAPHIC CONTROL:

Not Applicable

13 - LANDING FIELDS AND AERONAUTICAL AIDS:

- 2 There are two landing fields within the area:
1. Homestead Municipal Airport located on the eastern boundary of the city limits of Homestead is suitable only for small aircraft.
 2. Homestead Army Airfield located in the extreme northeast corner of this quadrangle is suitable for all types of aircraft. This Airfield has been closed by the Army Air Forces and turned over to the War Assets Administration for disposal. However, the landing strips and hangars are under the jurisdiction of Dade County.

In view of the fact that the disposition of this property is in such a state, it is recommended that final analysis be left to Field Edit Survey.

There are no operative aeronautical aids within the quadrangle. The former Army Radio Range, near the northwest corner of Homestead, has been abandoned and the lease allowed to expire. Its equipment has been declared for disposal. However, the CAA has shown some interest in the Radio Range, and may take over its operation. The Field Edit survey should check for developments on this aid.

14 - ROAD CLASSIFICATION:

All roads have been classified in accordance with instructions dated 30 June 1945.

- 15 - BRIDGES: *Redescribed during field edit according to Instructions No. 10 prior to amendment of 10-24-47.*

There are no bridges over navigable waterways in this area.

16 - BUILDINGS AND STRUCTURES:

All buildings that are obscured have been delineated. All public buildings have been delineated in the built-up sections of Homestead and Florida City; buildings to be deleted have been crossed out in green; all buildings to be shown are apparent on the photographs. In the rural section all buildings to be shown are circled in red, those not to be shown have been deleted in green.

16 - BUILDINGS AND STRUCTURES(con't)

Instructions for the project have been complied with.

17 - BOUNDARY MONUMENTS AND LINES:

This quadrangle lies entirely within Commissioners District 4, Dade County, Florida. The following political and reservation boundary lines fall, wholly or in part, within the quadrangle:

- A. Homestead, City Limits(Photo 16324, No.1)
- B. Florida City, City Limits(Photo 16325, No.1)
- C. Election Precincts Nos. 89, 90, 91, and 92
- D. U.S. Dept. of Agriculture, Redland Agricultural Workers Camp(Photo 16324, No.2)
- E. U.S. Dept. of Agriculture, Homestead Agricultural Workers Camp(Photo 16337)
- F. Homestead Municipal Airport(Photo 16324, No. 1)
- G. Homestead Army Airfield
- H. Seminole Park(Dade County) (Photo 16324, No.2)

The Homestead Army Airfield is at present up for disposal by War Assets Administration; indications are that the reservation will be broken up, with no one group slated to acquire the entire airfield property as a unit. For this reason the airfield reservation boundaries have not been shown, but have been left for the Field Edit, at which time some definite disposal plan may have been made.

The Election Precinct lines have not been shown on the field photographs. A map showing the Precinct Limits, from which the Precincts can be readily plotted on the compilation, will be submitted with the Special Report on Boundaries, Project Ph-10(46), to which reference is also made for complete data on the above boundaries and authorities.

*In File
Section,
Div of Photo-
grammetry.*

18 - GEOGRAPHIC NAMES: 814

Geographic Names will be made the subject of a special report for the project.

*Filed in Geographic Name Section, Div of
Nautical Charts.*

19 - TOPOGRAPHIC STATIONS:

Eight topographic stations were established and described on Form No. 524, including 6 section corners.

20 - SECTION CORNERS: (see page 6)

17 Seventeen section corners were identified in this area,
authority being that of the Fla. Geod. S.

Blueprint copies of Topographical Maps, prepared by Dade Co., showing T57S, R39E and parts of T57S, R38E and T58S, R38, 39E are being submitted with this report. *In File Section, Div. of Photo-grammetry*

According to local information (qualified engineers of Dade Co.) no section corners exist in the southeast portion of this area.

A thorough search was made for all known existing section corners in this quadrangle.

James E. Hundley
James E. Hundley
Photo Aid

Approved and Forwarded:

Ross A. Gilmore
Ross A. Gilmore
Chief of Party

PROJECT FH-10(46)
COMPILATION REPORT
TO
ACCOMPANY QUADRANGLE T-8817
"HOMESTEAD"

26 AND 27 CONTROL AND RADIAL PLOT:

A special report was prepared by Mr. M.M. Slavney, Photogrammetric Engineer, and submitted to the Washington Office 29 May 1947.

*for File Section,
Div. of Photo-
grammetry.*

28 DELINEATION:

The nine lens 1:20,000 scale photographs were used for cutting in all detail points. They were used throughout in the delineation of this map manuscript, except for a portion of the contours which were taken from the Florida Geodetic Survey Sheets. The scale of the nine lens photographs were generally good. The field inspection was thoroughly done, only a few discrepancies have been noted for investigation by the field editor.

29 SUPPLEMENTAL DATA:

a. Map having voting precincts and County Commissioner's District in Dade County, Florida was used for showing precinct lines on manuscript.

*Precinct lines
removed from
manuscript.
J.R. 27 Apr 48*

- b. Homestead Army Air -field, Homestead, Florida sheet No. 7
Homestead Army Air-field, Homestead, Florida sheet No. 5
Homestead Army Air-field, Homestead, Florida sheet No. 1
Homestead Army Air-field, Real Estate basic layout plan.

These maps were used for a small amount of the delineation, but were used mainly for reference.

30 MEAN HIGH WATER:

Not applicable.

31 LOW WATER AND SHOAL LINES:

Not applicable

32 DETAILS OFFSHORE FROM HIGHWATER LINE:

Not applicable

33 WHARVES AND SHORELINE STRUCTURES:

Not applicable

34 LANDMARKS AND AIDS TO NAVIGATION:

Not applicable

35. HYDROGRAPHIC CONTROL:

Not applicable

36. LANDING FIELDS AND AERONAUTICAL AIDS:

There are two landing fields within the limits of this quadrangle, namely: Homestead Municipal Airport and Homestead Army Air Base.

37. BRIDGES:

None

38. GEOGRAPHIC NAMES:

A special report on Geographic names for the project has not been received in the Tampa Office.

39. SECTION CORNERS:

Section lines have been constructed only in the North and West portion of this quadrangle and are shown on the front of the map manuscript in yellow pencil. They will be inked in yellow acetate ink after field edit. *Reinked in red pigment ink during review. See Review Report.*

Reference field inspection report for this quadrangle and a special report on public land lines submitted with quadrangle T-8803 9 July 1947.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

A comparison was made with the CWA sheets of quadrangle No. 271 sheets 4,5,6, and 7. Considerable change has taken place since this survey was made, but all common detail agrees favorably.

45. COMPARISON WITH NAUTICAL CHARTS:

Inshore quadrangle.

Respectfully submitted,

W. W. Dawsey

W. W. Dawsey, Photo. Aid.

Approved and Forwarded:

George E. Morris, Jr.
George E. Morris, Jr.
Chief of Party.

FIELD EDIT REPORT

QUADRANGLE T-8817

"HOMESTEAD"

PROJECT PH-10 (46)

Field Edit of this quadrangle was made during October 1947 by John D. Weiler, Photogrammetrist.

46. METHODS

In ~~the~~ field editing the map manuscript, all roads were traversed by truck. Because of the plethora of roads, walking was necessary in only a few instances. All data added to the map manuscript were plotted from topographic features or cut in by planetable methods.

47. ADEQUACY OF THE MAP MANUSCRIPT

In general, the map manuscript was adequate and correct except for changes made since the date of the original field inspection.

All roads were reclassified according to Instructions No. 10 prior to the amendment of 10-24-47. The new roads constructed in the central portion of the quadrangle were cut in by planetable on a copy of the map manuscript.

The greatest difficulty encountered was with the vegetation classification in the glade farmland areas. The growth of brush is so prolific in this area that cultivated areas reach a brush classification between times of yearly cultivation. A little license has been employed to show cultivated areas as such, even though they were covered with brush at the time of field edit.

Another problem arising is how the cultivated areas at the fringe or the gladeland are to be shown on the published map. Neither will have a woodland tint and both areas are gladeland, since in the wet season the cultivated fringe is in effect part of the gladeland. Some distinction should be made, however, to render a true picture. This information has been delineated on the photographs so that the area affected is clearly defined and can be shown in such manner as may be decided.

The radio range station at the northwest corner of the quadrangle is now operated by the Federal Communications Commission.

Part of the Homestead Army Air Base has been acquired by the Dade County Port Authority. The remainder is still in the hands of the War Assets Administration for disposal, presumably to private interests. The division has been shown on the edit sheet.

The following control stations for which no recovery card was received by the compilation section were searched for but not recovered:

CE 80

DA 124B

DA 146B

Az. Mk. Sta. Homestead, 1935 (See Rec. note for "Homestead 1935".)

48. VERTICAL ACCURACY TEST

The vertical accuracy tests were run as a part of revision contouring of Dade County C.W.A. sheets. See report by Joseph K. Wilson.

49. PUBLIC LAND LINES

No new section corners were recovered. Station CE 77 was not recovered as indicated on the original picking card. It is believed that this station was picked in error. Notes have been made on the section line discrepancy overlay. Although the area south of the Florida City Canal was not surveyed by the G.L.O., part of it has been run out by private surveyors. The new roads constructed by South Dade Farms are on the section lines as shown in blue ink on the section line discrepancy overlay.

The map manuscript was reviewed by Mr. Citili, owner of the South Dade Farms, which corporation owns a considerable amount of the land falling within the quadrangle; he could find no errors.

John D. Weiler
John D. Weiler
Photogrammetrist

Supervised:

Lewis V. Evans, III
Lewis V. Evans, III
Lieut. (jg), USC&GS

APPROVED AND FORWARDED

Ross A. Gilmore
Ross A. Gilmore
Chief of Party

Division of Photogrammetry
Review Report of
Topographic Map Manuscript T-8817

Subject numbers not used in this report have been adequately covered in other parts of the Descriptive Report.

26. Control.--There are 77 Florida Geodetic Survey stations that have not been reported lost or destroyed. To avoid obscuring map detail, only 31 of these stations will be shown on the published map. Twenty three stations have not been plotted on the manuscript because of their proximity to other stations. However, all 77 F. G. S. stations as well as the C. & G. S. stations are listed on Form M-2388-12 included in the Descriptive Report immediately following the Data Record.

39. Section Lines.--Additional information recieved since the completion of the field edit included an additional plat from the General Land Office and a Florida Highway blueprint of U. S. 1 showing section lines. The section lines and numbers have been completed and drafted in red pigment ink. Sections in areas marked "Unsurveyed" on the original G. L. O. plots have not been shown on the manuscript.

42. Junctions.--During the checking of the junction with T-8437 to the north, it was noted that a few minor corrections should be applied to that survey. These corrections have been noted in red on the registered copy of manuscript T-8437. Since that manuscript had been sent to the Geological Survey, a print with the corrections marked in red has been sent to that Bureau.

43. Comparison with Previous Surveys.--There are no previous surveys by the Coast and Geodetic Survey in this area.

48. Accuracy.--This map complies with National Map Accuracy Standards.

49. Overlay.--An overlay has been prepared showing road classifications, control, etc., and the new format for quadrangles. This map will be edited and published by the Geological Survey.

Reviewed by:

Jack L. Rihn
Jack L. Rihn

Approved by:

S. V. Griffith
Chief, Review Section
Div. of Photogrammetry

K. T. Adams
Chief, Div. of Photogrammetry

K. R. [Signature]
Chief, Nautical Chart Branch
Division of Charts

C. K. [Signature]
Chief, Div. of Coastal Surveys

GEOGRAPHIC NAMES

Survey No. T-8817

HOMESTEAD, Fla.

Name on Survey

	A	B	C	D	E	F	G	H	K	
✓ <u>Florida</u>									USGB	1
✓ <u>Dade County</u>										2
✓ <u>Florida East Coast</u>										3
✓ <u>Seaboard</u>										4
✓ <u>U.S. No. 1/State No. 5</u>										5
✓ <u>State No. 27</u>										6
✓ <u>State 905</u>										7
✓ <u>State No. 906</u>										8
										9
✓ <u>Model Land Canal</u>										10
✓ <u>Florida City Canal</u>										11
✓ <u>North Canal</u>										12
✓ <u>North Canal Drive</u>										13
✓ <u>U.S.D.A. Labor Camp</u>										14
✓ <u>Campbell Drive</u>										15
✓ <u>Tallahassee Road</u>										16
✓ <u>Homestead Field (Dade County Port Authority)</u>										17
✓ <u>Biscoayne Drive</u>										18
✓ <u>U.S.D.A. Redland Agricultural Workers Camp</u>										19
✓ <u>Modello</u>										20
✓ <u>Seminole Park</u>										21
✓ <u>Homestead Municipal Airport</u>										22
✓ <u>Avocado Drive</u>										23
✓ <u>Redland Road</u>										24
✓ <u>H. mestead</u>										25
✓ <u>Florida City</u>										26
✓ <u>Farm Life School Road</u>										27

GEOGRAPHIC NAMES

Survey No.

T-8817

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	
Palm Drive									1
									2
Names underlined in red are approved. 4/19/48 L. Heck									3
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