

TOWN OF CINCO BAYOU
SPECIAL MEETING
NOVEMBER 12, 1984

The Special Meeting of the Town of Cinco Bayou Town Council was called to order at 7:00 P.M.

SILENT PRAYER

PLEDGE OF ALLEGIANCE TO THE FLAG

Mayor Usrey requested the Secretary call the roll.

ROLL CALL

Present: Mayor Usrey
Councilwoman Balsley
Councilman Davis
Councilman Gage
Councilman Laginess
Councilman Perry

Also Present: Attorney Gontarek Secretary Knox
Sadie Robblee

1. Payment to Quatre - Glenwood Park Construction - Mayor Usrey advised the Council that a Certificate for Payment has been received from Quatre in the amount of \$8,788.00 for work on the Glenwood Park Nature Walk for the period from September 10, 1984 to October 26, 1984. The work has been inspected and accepted by the Engineer. Councilman Gage made a motion that the payment be made to Quatre, seconded by Councilwoman Balsley. The motion was unanimously approved.

There being no further business, the Special Meeting adjourned at 7:08 P.M.

COUNCIL AS COMMITTEE MEETING

MINUTES - Mayor Usrey asked the Council to review the minutes of the October 8, and October 15, 1984 Town Council Meetings for approval at the next council meeting.

FINANCIAL REPORT - Mayor Usrey asked the Council to review the financial report for October, 1984 for approval at the next council meeting.

REGULAR BUSINESS

1. Building Permit - Larry Patrick - Mr. Patrick was not present to present the plans for the proposed construction. Mayor Usrey advised that a special exception had been granted to Mr. Patrick to allow him to use a trailer for his office while a new office complex is being constructed on his property. Mayor Usrey advised that the special exception was granted for a six month period July 1 thru December 31, 1984.

2. Request to Use Dead End Street - Baughn Alignment - Prior to the meeting, Mr. Childers advised that he could not attend the Council as Committee Meeting but would attend next week's meeting. After some discussion concerning the requirements for Mr. Childers' use of the dead-end street (Luverne), Mayor Usrey advised that the matter would be brought up at next week's meeting.

3. Cinco Bayou Code of Ordinances - Mayor Usrey advised that each Councilmember had been asked to read the letter from Municipal Code Corporation and make any recommendations to the Council concerning the revising of the Code of Ordinances. Councilman Gage and Councilman Laginess were asked to meet with the Clerk to work on the revisions and present their recommendations to the Council for approval.

4. Fire Protection - Fort Walton Beach - Mayor Usrey advised the Council that the City of Fort Walton Beach has indicated fire protection costs would be 3.668 mills times the Town's current year adjusted taxable value. This results in a total cost of \$40,553.98. If paid in November, a 4% discount is allowed reducing the cost to \$38,931.83. Mayor Usrey advised that this matter would be decided at next week's meeting.

5. Membership Dues - West Florida Regional Planning Council - Mayor Usrey advised that the West Florida Regional Planning Council membership is due for renewal. The Town's share of their budget for the coming year is \$254.00. The Mayor advised that the Council will act on this item at next week's meeting.

6. Flood Insurance Study - Mayor Usrey advised that a representative from the Federal Emergency Management Agency will meet with him on December 4th to discuss and finalize the study that will establish the flood plain elevations for the Town. Time and place of the meeting will be published to insure proper notification to our citizens.

PUBLIC REQUESTS WILL BE HEARD AT THIS TIME. None

COMMITTEE REPORTS

Standing Committees

1. Streets & Sidewalks - Councilman Davis. No report
2. Parks - No report
3. Finance & Budget - No report
4. Waterfront - Councilman Perry. No report
5. Civil Defense - Councilman Perry. No report
6. Neighborhood Watch - Councilman Laginess. No report

Special Committees

- 1. Building Codes - Councilman Laginess. No report
- 2. Comprehensive Plan Review - Councilman Perry. No report
- 3. Glenwood Park - No report

ATTORNEY'S REPORT. None

CORRESPONDENCE

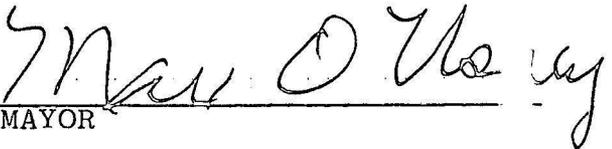
- 1. Letter - University of Florida - Census/Population - Mayor Usrey advised that a letter had been received from the University of Florida advising that a special census will be conducted in Cinco Bayou in the near future.
- 2. Letter - Mental Health Association - Mayor Usrey advised the Council that the Mental Health Association is asking for contributions for Project Cheer-Christmas. This item will be brought before the Council at next's regular meeting.
- 3. Letter - Chevron USA - Mayor Usrey advised that Chevron USA, Inc. has requested to enlarge the building at the Chevron Mini-Mart from 10 feet by 24 feet to 12 feet by 32 feet. The revised plot plan has been received. This matter will be acted upon at next week's meeting.

MAYOR'S ANNOUNCEMENTS

- 1. Mayor Usrey reminded everyone about the Town Thanksgiving pot-luck dinner tomorrow night at 6:30 in the Town Hall.

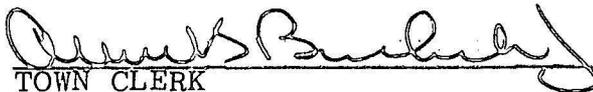
At this time, the question of having a zip code assigned to Cinco Bayou was brought up. After some discussion, Councilman Perry was asked to talk to the postmaster concerning the zip code and report back to the Council.

There being no further business, the meeting was adjourned at 7:35 P.M.



 MAYOR

Attest:



 TOWN CLERK

NOTE: A mechanical recording has been made of the foregoing proceedings of which these minutes are a part, and is on file in the office of the Town Clerk.

AIA Document G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing Contractor's signed Certification is attached.

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NUMBER: 1

APPLICATION DATE: 10/31/84

PERIOD FROM: 09/10/84

TO: 10/26/84

ARCHITECT'S PROJECT NO:

A ITEM No.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED			G TOTAL COMPLETED AND STORED TO DATE D-E-F		H BALANCE TO FINISH (C-G)	I RETAINAGE
			Previous Application	This Application		% (G-C)			
				Work in Place	Stored Materials (not in D or E)				
1	GENERAL CONDITIONS	7,114.84	-0-	2,015.00		2,015.00		5,099.84	
2	HEAVY TIMBERS/PILES	7,800.00	-0-	5,075.00		5,075.00		2,725.00	
3	CARPENTRY/LUMBER	8,025.00	-0-		2,675.00	2,675.00		5,350.00	
TOTALS		22,939.84	-0-	7,090.00	2,675.00				

Original document is too light to get a good image

APPLICATION AND CERTIFICATE FOR PAYMENT

AIA DOCUMENT G702

TO (Owner):
 Town of Cinco Bayou
 35 Kelly Avenue
 Fort Walton Beach, FL 32548

PROJECT:
 Glenwood Park
 Elevated Nature Walk

APPLICATION NO: 1
 PERIOD FROM: 09/10/84
 TO: 10/26/84

Distribution to:
 OWNER
 ARCHITECT
 CONTRACTOR

ATTENTION: Albert Borchik, Sr.

CONTRACT FOR: General Construction

ARCHITECT'S
 PROJECT NO:

CONTRACT DATE: 09/06/84

CONTRACTOR'S APPLICATION FOR PAYMENT

CHANGE ORDER SUMMARY		
Change Orders approved or previous months by Owner	ADDITIONS	DEDUCTIONS
TOTAL:		
Approved this Month		
Number	Date Approved	
TOTALS		
Net change by Change Orders		-0-

Original document is too light to get a good image

The undersigned Contractor certifies that to the best of his knowledge and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by him for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR:

By: *Dennis S. Hardy* Date: 10/31/84

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on my observations and the data comprising the above application, I, the Architect, certify to the Owner that the Work has progressed to the point indicated; that to the best of my knowledge, information and belief, the quality of the Work is in accordance with the Contract Documents; and that the Contractor is entitled to payment of the AMOUNT CERTIFIED.

Application is made for Payment, as shown below, in connection with the Contract Continuation Sheet, AIA Document G703, is attached.

The present status of the account for this Contract is as follows:

ORIGINAL CONTRACT SUM	\$ 22,939.84
Net change by Change Orders	\$ -0-
CONTRACT SUM TO DATE	\$ 22,939.84
TOTAL COMPLETED & STORED TO DATE Column G on G703	\$ 9,765.00
RETAINAGE <u>10</u> % or total in Column I on G703	\$ 977.00
TOTAL EARNED LESS RETAINAGE	\$ 8,788.00
LESS PREVIOUS CERTIFICATES FOR PAYMENT	\$ -0-
CURRENT PAYMENT DUE	\$ 8,788.00

State of: FLORIDA County of: CRESCENT
 Subscribed and sworn to before me this 31 day of OCTOBER 1984
 Notary Public: *Quinn's Building*
 My Commission expires: SEPT 7 1986

AMOUNT CERTIFIED \$ 8,788.00

(Attach explanation if amount certified differs from the amount applied for.)

By: *W. E. Dub* Date: 12/1/84

This Certificate is not negotiable. The AMOUNT CERTIFIED and acceptance of payment are without prejudice to the rights of the Owner or Contractor under this Contract.

Municipal Code Corporation

RECEIVED
10/22/84
MB

POST OFFICE BOX 2235
TALLAHASSEE, FLORIDA 32316

GLORIA P. JACOBS
Corporate Secretary

TELEPHONE (804) 576 71

October 18, 1984

Mr. Albert S. Borchik, Jr.
Town Clerk
Town of Cinco Bayou
35 Kelly Avenue
Fort Walton Beach, Florida 32548

Dear Mr. Borchik:

It was a pleasure talking with you on the telephone yesterday, concerning our proposal for republication of the Code of the Town of Cinco Bayou.

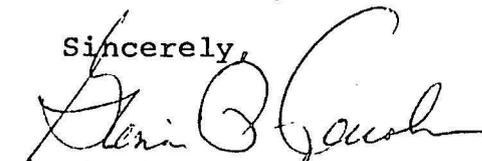
As discussed, we recommend the Code Revision Committee review the analysis forwarded to you and submit a memorandum to us, outlining the Committee's recommended changes. During the republication process, we can incorporate the changes authorized from the Corporation's analyzation and from the Code Revision Committee, which would include rewriting of sections where necessary.

Upon completion of the editorial work, we would submit a draft of a suggested adopting ordinance so the republished Code may be readopted in its entirety.

If you have any questions concerning the services available to the City or desire additional information, please do not hesitate to call us on our toll free number: 1-800-342-CODE.

We sincerely appreciate your interest and support and trust we will have the opportunity to be of further service to the Town of Cinco Bayou.

Sincerely,



Gloria P. Jacobs

GPJ/js

City of Fort Walton Beach

RECEIVED
10/16/84
MSB

P. O. Box 4009 ◦ Fort Walton Beach, Florida 32549

Telephone (904) 243-1411

October 15, 1984

Albert Borchik, Jr., CMC
Town Clerk
Town of Cinco Bayou
35 Kelly Avenue
Fort Walton Beach, FL 32548

Dear Al:

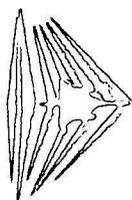
Based upon City cost of fire protection, the millage for the current fiscal year is 3.668. This millage rate is based upon City cost of operating the Fire Department for the fiscal year which will end September 30, 1985. In order to compute the amount due the City, multiply your tax base times 3.668 mills.

Sincerely,

Charles H. Evans
CHARLES H. EVANS
Director of Finance

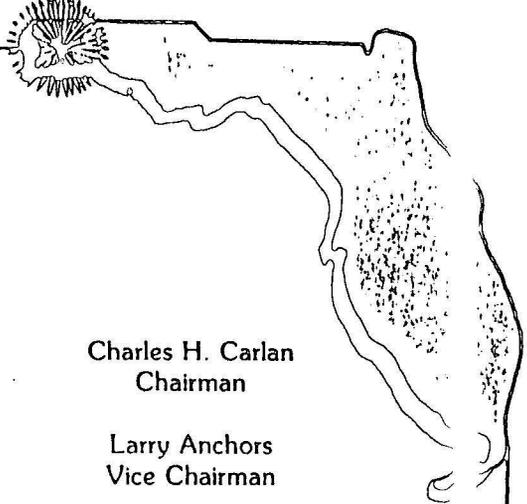
/sa

TAX BASE	\$ 11,056.156. —
MILLAGE	<u>.003668</u>
TOTAL COST OF FIRE PROTECTION	\$ 40,553.98
40% IF PAID IN NOV	<u>-1,622.15</u>
AMT DUE PRIOR TO DEC 1 ST	<u><u>\$ 38,931.83</u></u>



HOME OF THE

Janie Boon



WEST FLORIDA REGIONAL PLANNING COUNCIL

1190 WEST LEONARD STREET, SUITE 6 • POST OFFICE BOX 486
PENSACOLA, FLORIDA 32593-0486 • PHONE (904) 433-1459

Daniel F. Krumel
Executive Director

Charles H. Carlan
Chairman

Larry Anchors
Vice Chairman

RECEIVED
10/19/84

ACCOUNT NAME: Town of Cinco Bayou
35 Kelly Ave.
Fort Walton Beach, FL 32548

ATT: Mr. Albert S. Borchik, Jr.

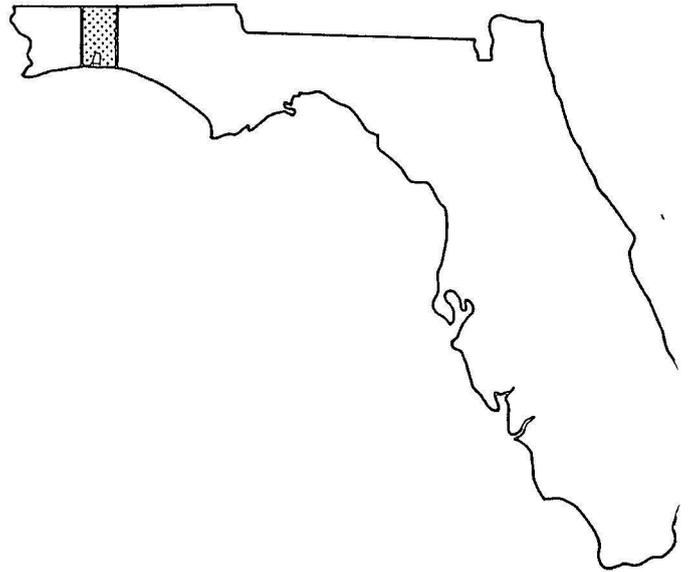
DATE	APPROPRIATION	AMOUNT PAID TO DATE	AMOUNT REQUESTED
10/16/84	\$254.00	-0-	\$254.00

Please make check payable to the West Florida Regional Planning Council.
For dues through September 30, 1985

FLOOD INSURANCE STUDY



TOWN OF CINCO BAYOU,
FLORIDA
OKALOOSA COUNTY



PRELIMINARY



Federal Emergency Management Agency

COMMUNITY NUMBER -

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Flood Insurance Rate Map

FLOOD INSURANCE STUDY

TOWN OF CINCO BAYOU, OKALOOSA COUNTY, FLORIDA

1.0 INTRODUCTION

1.1 Purpose of Study

This Flood Insurance Study investigates the existence and severity of flood hazards in the Town of Cinco Bayou, Okaloosa County, Florida, and aids in the administration of the National Flood Insurance Act of 1968 and the Flood Disaster Protection Act of 1973. This study has developed flood risk data for various areas of the community that will be used to establish actuarial flood insurance rates and assist the community in its efforts to promote sound flood plain management. Minimum flood plain management requirements for participation in the National Flood Insurance Program are set forth in the Code of Federal Regulations at 44 CFR, 60.3.

In some states or communities, flood plain management criteria or regulations may exist that are more restrictive or comprehensive than the minimum Federal requirements. In such cases, the more restrictive criteria take precedence and the state (or other jurisdictional agency) will be able to explain them.

1.2 Authority and Acknowledgments

The sources of authority for this Flood Insurance Study are the National Flood Insurance Act of 1968 and the Flood Disaster Protection Act of 1973.

Portions of the hydrologic and hydraulic analyses for this study were performed by GKY & Associates, Inc. (the Study Contractor) for the Federal Emergency Management Agency (FEMA), under Contract No. EMW-C-0969. The remainder of the hydrologic and hydraulic analyses were performed by FEMA. This study was completed in July 1984.

1.3 Coordination

On _____, the results of this Flood Insurance Study were reviewed and accepted at a final coordination meeting attended by representatives of the Study Contractor, FEMA, and the community.

2.0 AREA STUDIED

2.1 Scope of Study

This Flood Insurance Study covers the incorporated area of the Town of Cinco Bayou, Okaloosa County, Florida. The area of the study is shown on the Vicinity Map (Figure 1).

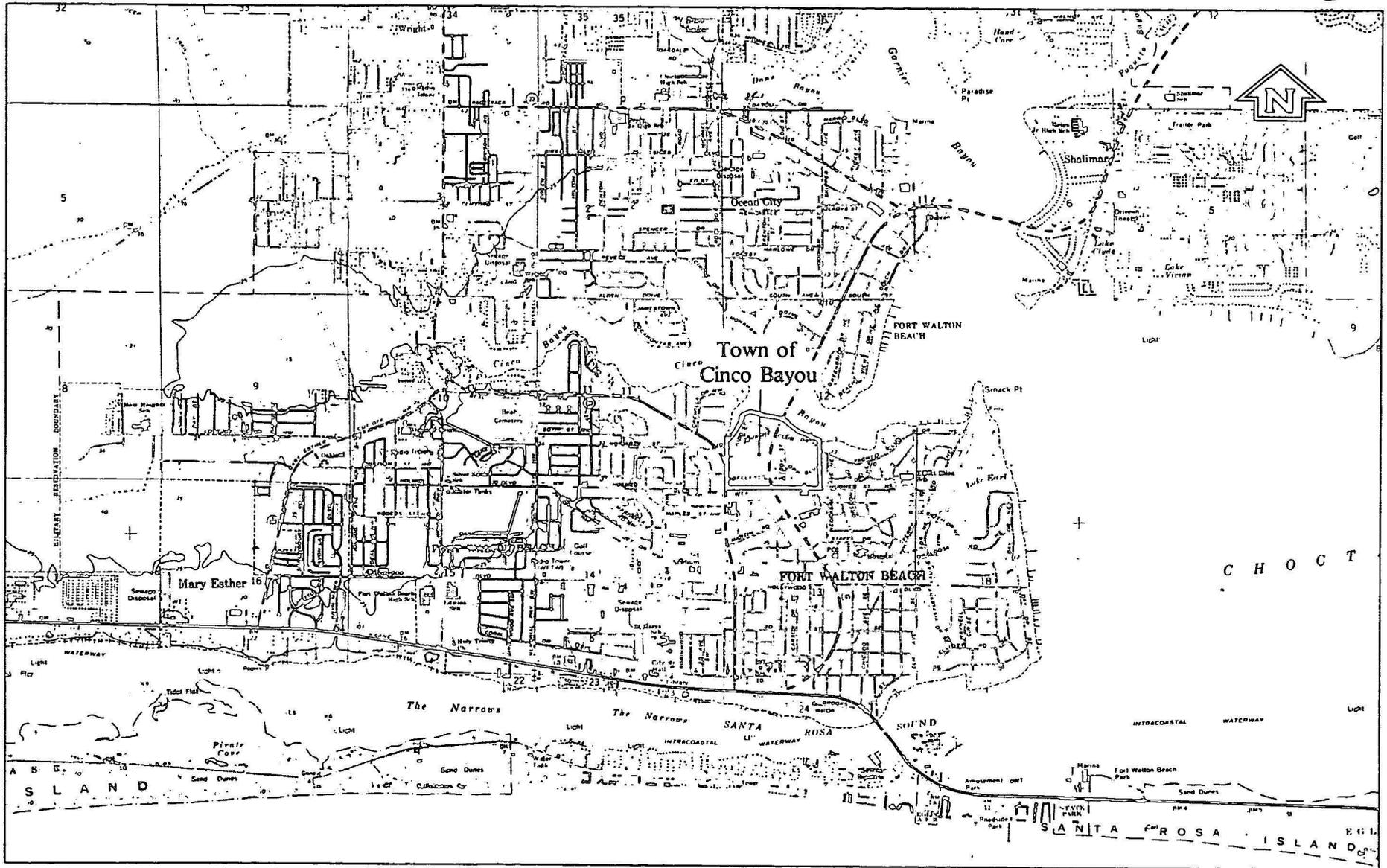
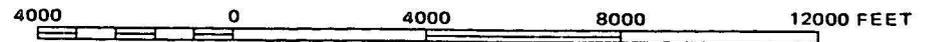


FIGURE 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

TOWN OF CINCO BAYOU, FL
(OKALOOSA COUNTY)

APPROXIMATE SCALE



VICINITY MAP

A detailed coastal flooding analysis was performed on the complete coastline of the the Town of Cinco Bayou, where the flooding source is Choctawhatchee Bay.

Approximate analyses were used to study those areas having a low development potential or minimal flood hazards.

The areas studied were selected with priority given to all known flood hazard areas and areas of projected development or proposed construction through July 1989. The scope and methods of study were proposed to, and agreed upon by, FEMA and the Town of Cinco Bayou.

2.2 Community Description

The Town of Cinco Bayou is located on the western end of Choctawhatchee Bay in southern Okaloosa County in the Florida panhandle region. Incorporated in 1951, Cinco Bayou occupies an area of about one-fourth of a square mile along State Highway 85. It is bordered on the north by the unincorporated areas of Okaloosa County and on the east, south, and west by the City of Fort Walton Beach. The 1980 population of Cinco Bayou was estimated at 202 (Reference 1).

Eglin Air Force Base, located just west of Cinco Bayou, provides employment for much of the population of the city. Summer tourism ranks second in importance to the local economy, with fishing and water sports being very popular.

The terrain is typical of the coastal lowlands, having low elevations and deep sandy soils.

The climate is subtropical, with a moderating influence from the Gulf of Mexico. The average daily temperature varies from 55 degrees Fahrenheit (F.) in January to 82 degrees F. in August. The average annual precipitation is approximately 58 inches.

2.3 Principal Flood Problems

Cinco Bayou is subject to floods from storm surges associated with hurricanes and tropical storms. It is afforded some protection by Santa Rosa Island, but storm surges can and do overtop this barrier. In addition, surges can also enter Choctawhatchee Bay through East Pass. Due to the fact that much of the community lies in close proximity to the shoreline of Fivemile Bayou, storm surges pose a significant flood hazard to the Town of Cinco Bayou.

The Fort Walton Beach region, which includes Cinco Bayou, has experienced flooding from several hurricanes since 1870. The hurricane of 1936 produced a high water mark of 8.4 feet mean sea level at Fort Walton Beach, and 7 to 8 feet mean sea level at Destin. High water marks of the September 1926 hurricane varied between 10 and 12 feet mean sea level along Destin Beach. Hurricane Eloise in 1975 registered surges of 5.8 feet National Geodetic Vertical Datum of 1929 (NGVD) at Fort Walton Beach and 9.3 to 10.6 feet NGVD in the Destin area along the coast.

There are no extensive constructions for flood protection. A few individuals have built private bulkheads, and some of the new homes are being built with a first floor elevation above the base flood elevation.

3.0 ENGINEERING METHODS

For the flooding sources studied in detail in the community, standard hydrologic and hydraulic study methods were used to determine the flood hazard data required for this study. Flood events of a magnitude that are expected to be equaled or exceeded once on the average during any 10-, 50-, 100-, or 500-year period (recurrence interval) have been selected as having special significance for flood plain management and for flood insurance rates. These events, commonly termed the 10-, 50-, 100-, and 500-year floods, have a 10, 2, 1, and 0.2 percent chance, respectively, of being equaled or exceeded during any year. Although the recurrence interval represents the long term, average period between floods of a specific magnitude, rare floods could occur at short intervals or even within the same year. The risk of experiencing a rare flood increases when periods greater than 1 year are considered. For example, the risk of having a flood that equals or exceeds the 100-year flood (1 percent chance of annual exceedence) in any 50-year period is approximately 40 percent (4 in 10), and, for any 90-year period, the risk increases to approximately 60 percent (6 in 10). The analyses reported herein reflect flooding potentials based on conditions existing in the community at the time of completion of this study. Maps and flood elevations will be amended periodically to reflect future changes.

3.1 Hydrologic Analyses

Analyses were carried out to establish the peak elevation-frequency relationships for each flooding source studied in detail.

Inundation from Choctawhatchee Bay caused by passage of storms (storm surge) was determined by the joint probability method (Reference 3). The storm populations were described by probability distributions of 5 parameters that influence surge heights. These were central pressure depression (which measures the intensity of the storm), radius to maximum winds, forward speed of the storm, shoreline crossing point, and crossing angle. These characteristics were described statistically based on an analysis of observed storms in the vicinity of the Town of Cinco Bayou. A summary of the parameters used for the area is presented in Table 1, Parameter Values for Surge Elevations.

CENTRAL PRESSURE DEPRESSION (MILLIBARS)	15.2	24.2	33.2	38.2	49.2	60.2	75.2	79.2
AVERAGE ASSIGNED PROBABILITIES	0.32	0.27	0.06	0.11	0.09	0.08	0.05	0.02
STORM RADIUS TO MAXIMUM WINDS (NAUTICAL MILES)	12			24			36	
PROBABILITY	0.23			0.50			0.27	
FORWARD SPEED (KNOTS)	7			13			19	
PROBABILITIES: ENTERING	0.46			0.36			0.18	
DIRECTION OF STORM PATH (DEGREES FROM TRUE NORTH)		138		ENTERING 167		196		225
PROBABILITY		0.25		0.23		0.27		0.25
FREQUENCY OF STORM OCCURENCE (STORM/NAUTICAL MILE/YEAR)				0.002213				

TABLE 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

TOWN OF CINCO BAYOU, FL
CORAL GABLES, FL

PARAMETER VALUES FOR SURGE ELEVATION

For areas subject to flooding directly from Choctawhatchee Bay, the FEMA standard storm surge model was used to simulate the coastal surge generated by any chosen storm (that is, any combination of the 5 storm parameters defined previously). By performing such simulations for a large number of storms, each of known total probability, the frequency distribution of surge height can be established as a function of coastal location. These distributions incorporate the large-scale surge behavior, but do not include an analysis of the added effects associated with much finer scale wave phenomena, such as wave height or runup. As the final step in the calculations, the astronomic tide for the region is then statistically combined with the computed storm surge to yield recurrence intervals of total water level (Reference 4).

The storm-surge elevations for the 10-, 50-, 100-, and 500-year floods have been determined for Choctawhatchee Bay and are shown in Table 2, Summary of Stillwater Elevations. The analyses reported herein reflect the stillwater elevations due to tidal and wind setup effects, but do not include the contributions from wave action effects.

3.2 Hydraulic Analyses

Hydraulic analyses, considering storm characteristics and the shoreline and bathymetric characteristics of the flooding sources studied, were carried out to provide estimates of the elevations of floods of the selected recurrence intervals along each of the shorelines.

The FEMA storm surge model was utilized to simulate the hydrodynamic behavior of the surge generated by the various synthetic storms. This model utilizes a grid pattern approximating the geographical features of the study area and the adjoining areas. Surges were computed utilizing grids of 5 statute miles and 1 statute mile, depending on the resolution required.

Underwater depths and land heights for the model grid systems were obtained from U.S. Geological Survey (USGS) topographic maps and National Oceanic and Atmospheric Administration charts (References 5 and 6).

Wave height analyses were not considered for the Town of Cinco Bayou due to the limited fetch.

All elevations are referenced to the NGVD. Elevation reference marks used in this study are shown on the maps.

4.0 FLOOD PLAIN MANAGEMENT APPLICATIONS

The National Flood Insurance Program encourages state and local governments to adopt sound flood plain management programs. Therefore, each Flood Insurance Study produces flood boundary maps designed to assist communities in developing flood plain management measures.

FLOODING SOURCE AND LOCATION	TRANSECT	STILLWATER ELEVATIONS (FEET ABOVE)			
		10% (10-YEAR)	2% (50-YEAR)	1% (100-YEAR)	0.2% (500-YEAR)
CHOCTAWHATCHEE BAY/ CINCO BAYOU	N/A	2.5	4.8	5.6	6.9

TABLE 2

FEDERAL EMERGENCY MANAGEMENT AGENCY
TOWN OF CINCO BAYOU, FL
(OKALOOSA CO.)

SUMMARY OF STILLWATER ELEVATIONS

CHOCTAWHATCHEE BAY / CINCO BAYOU

4.1 Flood Boundaries

To provide a national standard without regional discrimination, the 1 percent annual chance (100-year) flood has been adopted by FEMA as the base flood for flood plain management purposes. The 0.2 percent annual chance (500-year) flood is employed to indicate additional areas of flood risk in the community. For each flooding source studied in detail, the 100- and 500-year flood boundaries have been delineated using USGS topographic maps (Reference 5).

Flood plain boundaries are indicated on the Flood Insurance Rate Map. On this map, the 100-year flood plain boundary corresponds to the boundary of the areas of special flood hazards (numbered A zones and numbered V zones) and the 500-year flood plain boundary corresponds to the boundary of areas of moderate flood hazards (Zone B). In cases where the 100- and 500-year flood plain boundaries are close together, only the 100-year flood plain boundary has been shown. Small areas within the flood plain boundaries may lie above the flood elevations but cannot be shown due to limitations of the map scale and/or lack of detailed topographic data.

5.0 INSURANCE APPLICATION

To establish actuarial insurance rates, data from the engineering study must be transformed into flood insurance criteria. This process includes the determination of reaches, Flood Hazard Factors, and flood insurance zone designations for each flooding source studied in detail affecting the Town of Cinco Bayou.

5.1 Reach Determinations

In coastal areas, reaches are limited to the distance for which the 100-year flood elevation does not vary more than 1.0 foot. The locations of these reaches are shown on the Flood Insurance Rate Map.

5.2 Flood Hazard Factors

The Flood Hazard Factor (FHF) is used to establish relationships between depth and frequency of flooding in any reach. This relationship is then used with depth-damage relationships for various classes of structures to establish actuarial insurance rate tables.

The FHF for areas subject only to storm surge flooding is the difference between the 10- and 100-year stillwater elevations rounded to the nearest 0.5 foot, multiplied by 10, and shown as a 3-digit code. For areas with wave heights less than 3 feet, the FHF is the weighted average difference between the 100-year wave crest elevation and the 10-year stillwater elevation. For areas with wave heights greater than 3 feet, the FHF is determined using the difference between the 10- and 100-year stillwater elevations multiplied by 1.55, then rounded to the nearest 0.5 foot, multiplied by 10, and shown as a 3-digit code.

For example, if the difference between elevations is 0.7 foot, the FHF is 005; if the difference is 1.4 feet, the FHF is 015; if the difference is 5.0 feet, the FHF is 050. When the difference is greater than 10.0 feet, it is rounded to the nearest whole foot.

5.3 Flood Insurance Zones

Flood insurance zones and zone numbers are assigned based on the type of flood hazard and the FHF, respectively. A unique zone number is associated with each possible FHF, and varies from 1 for a FHF of 005 to a maximum of 30 for a FHF of 200 or greater.

Zone A6: Special Flood Hazard Areas inundated by the 100-year flood; with base flood elevations shown, and zones subdivided according to FHFs.

Zone B: Areas between Special Flood Hazard Areas and the limits of the 500-year flood; areas that are protected from the 100- or 500-year floods by dike, levee, or other water control structure; areas subject to certain types of 100-year shallow flooding where depths are less than 1.0 foot; and areas subject to 100-year flooding from sources with drainage areas of less than 1 square mile. Zone B is not subdivided.

Zone C: Areas of minimal flooding; not subdivided.

Flood elevation differences, FHFs, flood insurance zones, and base flood elevations for the flooding sources studied in detail in the community are shown in Table 3, Coastal Flood Insurance Zone Data.

5.4 Flood Insurance Rate Map Description

The Flood Insurance Rate Map for the Town of Cinco Bayou is, for insurance purposes, the principal product of the Flood Insurance Study. This map contains the official delineation of flood insurance zones and base flood elevations. For each flooding source, the expected water-surface elevations of the base (100-year) flood are shown as a weighted average within zones. Each whole-foot elevation is delineated except where cartographic considerations require the combination of two or more elevation zones. The base flood elevations and zone numbers are used by insurance agents, in conjunction with structure elevations and characteristics, to assign actuarial insurance rates to structures and contents insured under the National Flood Insurance Program.

6.0 OTHER STUDIES

Type 19 Flood Insurance Studies are in progress for the City of Fort Walton Beach and the Unincorporated Areas of Okaloosa County (References 7 and 8). Those studies are in agreement with this Flood Insurance Study.

FLOODING SOURCE	TRANSECT	PANEL ¹	WEIGHTED AVERAGE ² ELEVATION FOR 100-YEAR FLOOD AND FOR 100-YEAR	FLOOD HAZARD FACTOR	ZONE	BASE FLOOD ELEVATION ³ (FEET MVD)
CHOCTAWHATCHEE BAY/ CINCO BAYOU	N/A	0001	3.1	030	A6	6

¹FLOOD INSURANCE RATE MAP PANEL

²WEIGHTED AVERAGE IN FEET

³ROUNDED TO NEAREST FOOT

⁴DUE TO MAP SCALE LIMITATIONS, BASE FLOOD ELEVATIONS SHOWN ON MAP MAY REPRESENT AVERAGE ELEVATIONS FOR THE ZONES DEPICTED

TABLE 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

TOWN OF CINCO BAYOU, FL
(OKALOOSA CO.)

COASTAL FLOOD INSURANCE ZONE DATA

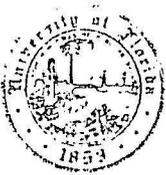
CHOCTAWHATCHEE BAY / CINCO BAYOU

7.0 LOCATION OF DATA

Information concerning the pertinent data used in the preparation of this study can be obtained by contacting the Natural and Technological Hazards Division, Federal Emergency Management Agency, 1375 Peachtree Street, N.E., Gulf Oil Building, Suite 664, Atlanta, Georgia 30309.

8.0 REFERENCES AND BIBLIOGRAPHY

1. U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population, Number of Inhabitants, Florida, Washington, D.C., February 1982.
2. GKY & Associates, Inc., Hurricane Surge Model, Florida Panhandle Communities, Federal Emergency Management Agency, December 1982.
3. U.S. Department of Commerce, Environmental Science Services Administration, Technical Memorandum WBTM, Hydro 11, Joint Probability Method of Tide Frequency Analysis, V.A. Meyers, April 1970.
4. Tetra Tech, Inc., Coastal Flooding Handbook, Parts I and II, May 1977.
5. U.S. Geological Survey, 7.5 Minute Series Topographic Maps, Scale 1:24000, Contour Interval 5 Feet: Fort Walton Beach.
6. U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Ocean Survey, Nautical Charts, Scale 1:80000.
7. Federal Emergency Management Agency, Type 19 Flood Insurance Study, Fort Walton Beach, Okaloosa County, Florida (in progress).
8. _____, Type 19 Flood Insurance Study, Okaloosa County, Unincorporated Areas, Florida (in progress).



RECEIVED
11/7/84

COLLEGE OF BUSINESS ADMINISTRATION • UNIVERSITY OF FLORIDA • GAINESVILLE 32611

Bureau of Economic and Business Research • 221 Matherly Hall

904 • 392-0171

November 1, 1984

Mr. Albert S. Borchik, Jr.
Town Clerk
Town of Cinco Bayou
35 Kelly Avenue
Ft. Walton Beach, FL 32548

Dear Mr. Borchik:

This letter is to follow up our conversation regarding a special census for Cinco Bayou. We are currently awaiting some information from the Census Bureau to clarify procedures and definitions for a local area to take its own special census. We are also revising some of our forms to make it easier for local personnel to fill them out when residents are interviewed.

I will send you instructions and all necessary materials as soon as possible. Any changes in your revenue sharing status due to this census can be processed beyond the December 1 date when our estimates are finalized.

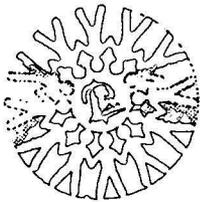
Please contact me if you have any questions.

Sincerely,

Jane Bucca
Assistant in Research

JB/pym

RECEIVED
10/29/84



Mental Health Association in Okaloosa County

POST OFFICE BOX 505

FORT WALTON BEACH, FLORIDA 32549

The holiday season is coming! and the Mental Health Association in Okaloosa County is again asking the community to join in our annual PROJECT CHEER-CHRISTMAS.

We are planning a Christmas party for the patients in Unit I, Florida State Hospital in Chattahoochee, on Saturday, December 15th. These patients are among Florida's most unfortunate citizens. Human warmth and the feeling of not being forgotten, especially during the holiday season, can do so much to improve the chances of recovery for all these people who so badly need the spark of love and concern.

There are approximately 150 patients in the Unit (which houses those from our local area), ranging in age from upper teens to the sixties. Entertainment, ice cream, cake, fresh fruit and favors, plus individual gifts, will all be a part of PROJECT CHEER-CHRISTMAS.

Many of you have generously helped in the past. This year we need your help more than ever. Any contributions that you or your group can make will be greatly appreciated. A list is attached to give you an idea of what is needed.

Please drop us a note or call and say you will be a part of PROJECT CHEER.

Sincerely,

Carol McRobb, Chairman
PROJECT CHEER-CHRISTMAS



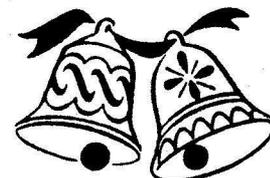
A United Way Agency

SUGGESTED GIFTS FOR PROJECT CHEER 1984

(Gifts should not be wrapped and should be new)

Cash Contributions

Make checks payable to Mental Health Association in Okaloosa County (MHA/OC) Project Cheer, P. O. Box 505 Fort Walton Beach, Florida 32549.



For the Christmas Party

Christmas stockings or bags to be filled with candy
Home-made Christmas cards (ideal for young children to make)
Home-baked cakes and cookies; Fresh fruit
Cans of Hawaiian punch and fruit juices (to be used for punch)
Soft drinks (in plastic containers or cans)

Gifts for Men

Warm caps; hair cream, shaving cream and lotion (in plastic bottles)
Socks, undershorts, T-shirts, pajamas, robes
Sport shirts, dress shirts, slacks

Gifts for Women

Jewelry; make-up kits; compacts, powder, perfume, cosmetics (no glass)
Purses, gloves, warm caps
Slips, panties, warm nightgowns, pajamas, dresses, blouses
Skirts, slacks, scarves, panty hose, bed socks, stockings
Dress materials; permanent waves (such as Toni, etc.)

For Men or Women

Newspaper subscriptions from our area; magazine subscriptions
Electric razors; wallets; plastic raingear
Books (with pictures); stationery and stamps
Patterns and material for costumes

For the Unit (these items do not have to be new)

Bicycle exercise machine; regular bicycles
Weights (for exercise, weight-trimming); man-sized punching bag
Small suitcases; Holiday decorations; artificial flower arrangements
Bedspreads (twin, washable); pictures (for hanging on walls)
Assorted games and puzzles; record players and tape recorders
Records and 8-track tapes; drum set, hand bell set; television sets
Any musical instruments; portable microphone, stand and speakers

For more information call:

Clay Freeman 243-4920
Carol McRobb (after 5)
Nell Hutchins 862-2685
Jane Strickland 862-7695 (after 5)



Chevron U.S.A. Inc.

P.O. Box 189000, Plantation, FL 33318-9000 • Phone (305) 474-3880



November 2, 1984

Mr. Albert S. Borchik, Jr.
Town Clerk
Town of Cinco Bayou, FL. 32548

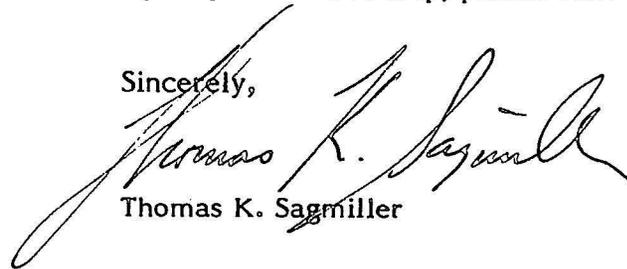
CHEVRON FACILITY NO. 47095
245 N. EGLIN PARKWAY
FT. WALTON BEACH, FLORIDA

Dear Mr. Borchik:

In response to the City Council meeting regarding subject facility and in response to recommendations made by the City Council, please find enclosed a Memorandum that was circulated in our Office regarding the two points that were brought up during the City Council meeting. Secondly, please be informed that we are requesting to enlarge the building at the subject site and find enclosed a revised plot plan describing the new dimensions of the building.

If you have any questions, or if there is any way that I can help, please feel free to call me.

Sincerely,



Thomas K. Sagmiller

TKS/gm

Memorandum

Plantation, Florida
October 30, 1984

RECEIVED
11/7/84
MS

FACILITY #47095
CINCO BAYOU, FLORIDA

MR. J. E. GLENN:

At the request of the City Council of Cinco Bayou, Florida, I am writing this memo to inform you of two requests the City Council has made in regards to subject facility.

The first request pertains to our naming of the facility. Insofar as Cinco Bayou is the City that our facility is located in, the City Council has requested that we change the name on all of our plans from Ft. Walton Beach to Cinco Bayou. Secondly, I am requesting that you send me a letter that I can forward to the City Council indicating whether Chevron has ever entered into an agreement to establish an easement between our subject facility and the adjacent property to the north. Please advise.

E. A. BYERS/IJB

TKSagmiller/jsr

