

R E S O L U T I O N

Regional Water Resources Assistance Program, 1983-84

Request for Mapping

WHEREAS, the Board of County Commissioners recognizes the need for detailed contour mapping of the major drainage basins in Orange County and,

WHEREAS, the Little Econlockhatchee Drainage Basin is located within the boundaries of the St. Johns River Water Management District and

WHEREAS, Chapter 373 of the Florida Statutes known as the Florida Resources Act of 1972 identifies the St. Johns River Water Management District and delegates certain authority and responsibility to that district concerning water resources in the State of Florida and

WHEREAS, Orange County has initiated a study in this sub-basin which is currently ongoing and

WHEREAS, the study encompasses water quality and water quantity and is generally in conformance with the objectives and goals of the St. Johns River Water Management District and

WHEREAS, detailed photogrammetric mapping would greatly enhance the ongoing effort the Orange County for a detailed study of the drainage basin.

NOW, THEREFORE, BE IT RESOLVED THAT the Board of County Commissioners requests the St. Johns River Water Management District provide funds in the amount of \$90,000 for mapping of the Little Econlockhatchee Drainage Basin.

APPROVED BY THE BOARD OF COUNTY

JAN 1984



**ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
REGIONAL WATER RESOURCE ASSISTANCE PROGRAM**

PROPOSAL SUMMARY

A **APPLICANT** Orange County Government (Engineering Department)
ADDRESS 2450 33rd Street **CITY** Orlando
COUNTY Orange **STATE** Florida **ZIP** 32805 **TELEPHONE** 305 / 420-3532

B **TITLE OF PROJECT**
Aerial mapping with 1' contours of Little Econlockhatchee Drainage Subbasin **DATE** 1/17/83

PROJECT DESCRIPTION

WHAT IS THE NATURE AND SCOPE OF THE PROBLEM? Orange County has initiated a water quality/quantity study of the Little Econlockhatchee Drainage Subbasin. Our existing funding capability was insufficient to include aerial mapping of the subbasin.

WHAT ARE THE PRINCIPAL OBJECTIVES TO BE ACCOMPLISHED? To provide a plan for capital improvements to enhance water quality while addressing flood control needs.

HOW WILL THE RESULTS BE UTILIZED IN THE STATED PROBLEM? The aerial mapping requested will better identify flood prone areas and a more accurate quantitative analysis will be accomplished. Additionally, areas outside of the original study survey limits will be enabled to be studied in detail.

SOURCES OF FUNDING

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT	\$ <u>90,000.00</u>
LOCAL <u>field checking of maps</u>	\$ <u>20,000.00</u>
D STATE (AGENCY) _____	\$ _____
FEDERAL (AGENCY) _____	\$ _____
OTHER (SPECIFY) _____	\$ _____
TOTAL	\$ <u>110,000.00</u>

E **AUTHORIZING LOCAL UNIT** Board of County Commissioners, Orange County **MAILING ADDRESS** Post Office Box 1393 Orlando, Florida 32802
AUTHORIZED BY Lou Treadway, Chairman **TELEPHONE** 305 / 420-3291
SIGNATURE _____

PERFORMING LOCAL UNIT Orange County Engineering Department
MAILING ADDRESS 2450 33rd Street Orlando, Florida 32805
CONTACT William J. Masi
TELEPHONE 305/420-3532
SIGNATURE _____

PROJECT PERFORMANCE

SPECIFY THE METHODOLOGY THAT WILL BE EMPLOYED. Orange County Engineering Department has previously supplied staff of the St. Johns River Water Management District with the scope of work currently ongoing. The mapping effort will greatly enhance the quality of the study and will enable us to study areas within the subbasin currently outside of the surveyed areas. Orange County Survey staff will field check maps upon completion.

WHAT WILL BE THE PROPOSED TIME FRAMES FOR EACH SEGMENT, BY WHOM COMPLETED, INCLUDING THE FINAL COMPLETION DATE? Propose mapping contract award by January 1, 1984 by the St. Johns River Water Management District. We estimate 9 months would be required to complete the mapping and an additional 3 months for county survey staff to check the mapping.

FOR DISTRICT USE ONLY

RECOMMENDATION SUMMARY (details attached)

		RECOMMENDED	NOT RECOMMENDED
EXECUTIVE DIRECTOR _____	DATE _____		
EXECUTIVE PLANNING AND COORDINATION _____	DATE _____		
WATER RESOURCES _____	DATE _____		