

MANATEE COUNTY GOVERNMENT AGENDA MEMORANDUM

*C.H. - pulled -
3 separate action*

SUBJECT	MANASOTA BASIN BOARD FY 99/00 FUNDING REQUEST	TYPE AGENDA ITEM	CONSENT
DATE REQUESTED	DECEMBER 1, 1998	DATE SUBMITTED/REVISED	NOVEMBER 19, 1998
BRIEFINGS?/WHO?	NONE	CONSEQUENCES IF DEFERRED	UNABLE TO MEET MANASOTA BASIN BOARD'S SUBMISSION DEADLINE
DEPARTMENT/DIVISION	PUBLIC WORKS ADMINISTRATION	AUTHORIZED BY TITLE	LEN BRAMBLE, P. E. <i>David Bramble 12/1/98</i> PUBLIC WORKS DIRECTOR
CONTACT PERSON TELEPHONE/EXTENSION	JOHN ZIMMERMAN/ELAINE APOSTOL 5284/5233	PRESENTER/TITLE TELEPHONE/EXTENSION	LEN BRAMBLE, P. E 5244

ADMINISTRATIVE APPROVAL *[Signature]*

ACTION DESIRED

INDICATE WHETHER "REPORT or "DISCUSSION, "FORM OF MOTION, or "OTHER ACTION REQUIRED:

① *amended* APPROVAL OF PROJECT RANKING FOR THE FY99/00 MANASOTA BASIN BOARD COOPERATIVE FUNDING PROGRAM; ADOPTION OF RESOLUTION R98-296 AUTHORIZING SUBMITTAL OF APPLICATIONS TO SWFWMD; AND AUTHORIZATION FOR THE CHAIRMAN TO SIGN A LETTER TO STEVEN A. MINNIS, SWFWMD, TRANSMITTING THE PRIORITY RANKING AND PROJECT APPLICATIONS SUBMITTED TO SWFWMD. ②

ENABLING/REGULATING AUTHORITY

Federal/State law(s), administrative ruling(s), Manatee County Comp Plan/Land Development Code, ordinances, resolutions, policy.)

OBJECTIVE 11.1.5, EFFLUENT DISPOSAL; OBJECTIVE 11.4.1, STORMWATER MANAGEMENT; OBJECTIVE 13.1.5 COORDINATION.

BACKGROUND/DISCUSSION

- 9/21/98 WORKSHOP WITH SWFWMD REGARDING COOPERATIVE FUNDING APPLICATIONS TO THE MANASOTA BASIN BOARD FOR 99/00.
- APPLICATIONS AND RANKINGS ARE ATTACHED.

HAS COUNTY ATTORNEY REVIEW BEEN REQUESTED? Indicate "NO" or "YES" @ right. (if "NO," proceed to 1) below; and if "YES," proceed to 2) below) N/A

1) IF "NO" TO ABOVE,

A) PLEASE EXPLAIN BELOW: (see also following section 1B) re: contract, agreement, lease, etc.:

LEGAL REVIEW IS NOT REQUIRED BECAUSE THIS IS A STANDARD GRANT

B) IF A CONTRACT, AGREEMENT, LEASE OR OTHER DOCUMENT WAS PREVIOUSLY APPROVED, STATE YEAR OF LAST USE @ RIGHT:

2) IF "YES" TO FIRST QUESTION IN THIS SECTION,

A) HAS ENTIRE MATTER, OR ONLY A PORTION, BEEN REVIEWED? IF ONLY A PORTION, WHICH PORTION?

B) HAVE ALL COMMENTS/SUGGESTIONS RAISED BY COUNTY ATTORNEY BEEN ADDRESSED/INCORPORATED; IF NOT, PLEASE EXPLAIN. A COPY OF FINAL COUNTY ATTORNEY MEMO RE THIS MATTER **MUST BE ATTACHED** (if comments were verbal, so indicate.)

APPROVED IN OPEN SESSION
DEC 01 1998
BOARD OF COUNTY COMMISSIONERS
MANATEE COUNTY, FLORIDA

ATTACHMENTS: (List in order as attached)

- 1 Resolution R98-296
- 2 Transmittal Letter To SWFWMD
- 3 Summary of Project Ranking and Cost
- 4 Applications - MARS Alternative 3A, N W Rec. Water Loop, Manatee Aerial Mapping (SE), Tatum Reservoir Feasibility Study

INSTRUCTIONS TO BOARD RECORDS:

Must be signed on 12/1/98. Advise Elaine Apostol for pick up and submittal to SWFWMD. Copies of each application, and copy of project ranking and cost summary.

David C. Petty, Bob Audick, out of copy for Elaine - P/WKS

COST Applications seek funding for County projects from Manasota Basin Board. Approval will reduce County cost for projects.

SOURCE (ACCT# & NAME) County projects will be funded from FY 99/00 C.P. if approved by Manasota Basin Board

COMMENTS Documents have been reviewed by Grants Coordinator *mam*

AMT./FREQ. OF RECURRING COSTS (ATTACH FISCAL IMPACT STATEMENT) N/A

12/1/98 - Approved, as amended.

47

Amended & replaced

**SUMMARY OF PROJECT RANKING AND COST
FY 99 MANASOTA BASIN COOPERATIVE FUNDING PROGRAM**

PROJECT RANKING	PROJECT TITLE	TOTAL PROJECT COST	PROPOSED FY99 MANASOTA SHARE	CUMULATIVE MANASOTA COST
1	MARS PROJECT - Alternative 3A	\$37,670,000	\$ 1,900,450*	\$5,990,485*
2	Northwest Reclaimed Water Loop	1,584,000	792,000	2,508,583
3	Manatee Aerial Mapping (SE)	504,000	252,000	252,000
4	Tatum Reservoir Feasibility Study	124,000	62,000	62,000

* See 3/26/98 multi-year funding plan attached.

Stamp
Append
open
year

Revised

PROJECT PROPOSAL
FOR THE SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
FY98 BASIN BOARD COOPERATIVE FUNDING PROGRAM

NORTHWEST RECLAIMED WATER LOOP

PHASE 3

AS PART OF

MANATEE COUNTY PUBLIC WORKS DEPARTMENT

URBAN REUSE PROGRAM

FOR THE

SOUTHWEST REGIONAL WASTEWATER TREATMENT PLANT

NOVEMBER 1998

coast and reduced lake levels on the Highlands Ridge. An additional impact of this significant pumping has been the drowning of Flatford swamp and other forested wetland areas along the Myakka River. This tree die off has been associated with increases in dry season or base flow in the river. A significant storage facility in the immediate area provides a diversion site for the capture of excess dry season irrigation flow and also for the capture of excess flood flows during flood events. This stored water is then immediately available for local irrigation use. This minimizes the potential overdraft of the Floridan Aquifer and would ultimately make additional groundwater available for other future uses through the granting of groundwater credits or transfer of permitted quantities.

5. Measurable Benefits

The SBNEP study indicated that the proposed reservoir would potentially store 17,540 acre-feet of water or 5.715 billion gallons. This is approximately 3.8 times the storage capacity of Lake Evers and 3.4 times the Hillsborough River Reservoir capacity. If this capacity would be available on an annual basis, the system could provide approximately 16 million gallons per day of irrigation water.

This feasibility study will evaluate the cost effectiveness of developing such a water resource at this location. The study will provide the estimated construction cost, determine the potential safe (sustainable) yield, the projected unit cost of water and evaluate the potential users of the resource.

6. Deliverables

The project will provide a feasibility report on the development of the Tatum Reservoir.

7. Project Cost

Project cost for the feasibility study was estimated to be \$125,000. The applicant will fund 50% and Manasota Basin will fund the remaining 50% of this project.

\$124,000 - the cost is on 1st pg of 924.

8. Completion Schedule

It is anticipated that the study can be completed within two years following approval of a cooperative funding agreement.

9. Implementation

The applicant proposes to contract with a consultant to perform the proposed study. It is recommended that the applicant and the District could select a consultant from the applicant's list of overflow engineers. They would then be able to negotiate the work assignment directly in order to expedite a notice to proceed following the approval of a funding agreement. Selection of a consultant by a Request for Proposals process would add at least six months to the project schedule.

MANATEE COUNTY GOVERNMENT
PLANNING DEPARTMENT
Interoffice Memorandum

DATE: December 1, 1998

TO: Board of County Commissioners

THROUGH: Ernie Padgett, County Administrator

FROM: Carol B. Clarke, Planning Director *CBC*

RE: **Wares Creek Flood Control Project**
Manasota Basin Board Cooperative Funding Request Justification

- Federal law establishes certain minimum amounts to be paid by a nonfederal, local project sponsor of congressionally authorized flood control projects. The local sponsor (Manatee County/City of Bradenton) must contribute a minimum of 5% of the total construction costs and 100% of all land acquisition/easement costs. The sum of these categories must add up to a minimum 25% of total project costs. (Under these requirements, the local share will rise above 25%, if real estate costs rise above 20% of total costs.)
- The estimated 5% minimum local cost share for construction of the federally authorized Wares Creek Flood Control Project is \$692,000 (1995 Corps estimate).
- The SWFWMD cooperative funding program will contribute up to 50% of construction costs for prioritized flood control projects. Land acquisition/real estate costs are not eligible cooperative funding program elements and, like the federal program, must be fully paid by the local sponsor.

A Manasota Basin cooperative funding grant of \$346,000 is requested, reflecting 5% of the local minimum share of estimated Wares Creek construction costs.

- A suggested local priority for the Wares Creek Project in the County FY 1999-2000 application packet is #2 out of a list totaling five projects. The MARS project would retain its #1 priority on the list to be forwarded to SWFWMD under Resolution R-98-296.





CBC:CH:fl

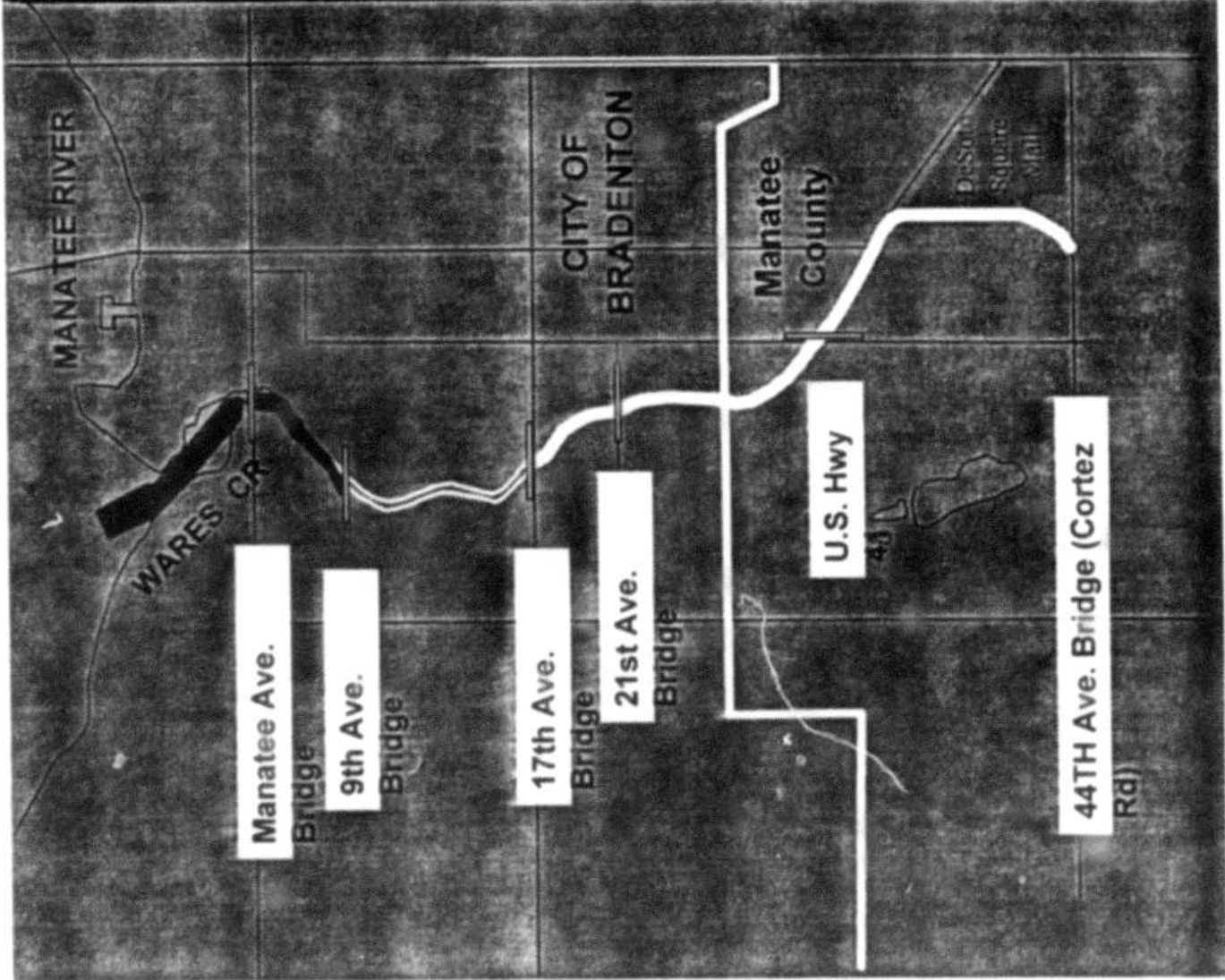


RECOMMENDED PLAN

CEDAR HAMMOCK

(WARES CREEK)

	DREDGING
	CLEARING AND SNAGGING
	VERTICAL SHEET PILE WALL, 40 FT. BOTTOM WIDTH
	TRAPEZOIDAL GRASS- LINED CHANNEL, 26 FT. BOTTOM WIDTH





Southwest Florida Water Management District Cooperative Funding Program Application

Protecting *Your*
Water Resources

District Use Only
Project Number _____ FY _____
Date Submitted _____
Department Director _____

WARES CREEK FLOOD CONTROL PROJECT

Project Name (40 Character Limit):

N O R T H W E S T R E C L A I M E D W A T E R L O O P

Who should we contact for more information regarding your project?

Applicant: MANATEE COUNTY
Contact Name: LARRY MAU, P.E.
Address: P.O. BOX 25010
City, State, Zip: BRADENTON, FL 34206
Phone: (941) 792-8811 Ext: 5400 Fax: (941) 795-3495
County/Countries (Identify counties associated with project): MANATEE

Project Type (Check Only One):

- Communications
- Alternative Source
- Water Conservation
- SWIM
- Groundwater
- Water Quality
- Aerial Mapping/GIS
- Stormwater Management/Flood Control

Cost Information:

Total amount of project cost (all years/phases) \$ 13,846,000 (1995 Estimate)
Total upcoming fiscal year cost (basin cost plus applicant cost) \$ 13,846,000
Indicate amount to be provided by Applicant for upcoming fiscal year \$ 5,063,000
Is this a previously funded project? yes no
If yes, what year funding is being requested? (example 1st, 2nd, etc...) _____
If yes, what is the District Project Number? _____

Provide a brief description of the proposed project. ("See attached" is not acceptable):

This project is developed to control flooding in the urbanized basin of Cedar Hammock Drain (Wares Creek) flowing from unincorporated Manatee County north through the City of Bradenton and discharging into the Manatee River. The Army Corps of Engineers has proposed and Congress has authorized construction of a \$13.8 million project (1995 est.) to improve Wares Creek for the 10-year design storm event, reducing both the frequency and severity of urban flood losses and property damage.

Briefly describe project benefits, regionally and locally ("See attached" is not acceptable):

Wares Creek will rise out of bank for storms exceeding the 1-year storm duration. Estimated average annual flood damages within unincorporated Manatee County and the City of Bradenton without the project are \$6,700,000. Annual flood damages with the project are reduced to \$2,860,000. 2,684 structures are impacted during the 10-year storm event without the project, 1,760 structures are impacted during the 10-year storm event with the project, a 66% reduction. Flood protection benefits of this regional project accrue to unincorporated Manatee County and the City of Bradenton. The project benefit to cost ratio as reported by the Corps in the Final Detailed Project Report and Environmental Assessment are 3.1:1.

Briefly describe any anticipated problems:

A Finding of No Significant Impact (FONSI) has been issued for the project by the District Engineer, Jacksonville District, Army Corps of Engineers. Final design work is nearing completion and is on schedule. While permitting has not yet been initiated, no problems are anticipated.

Funding Information: Please check all basins that apply:

- Alafia River
- Hillsborough River
- Peace River
- Coastal Rivers
- Manasota
- Pinellas-Anclote River
- Green Swamp
- Northwest Hillsborough
- Withlacoochee River

Indicate the basin(s) and how much money is requested from each:

Example: Hillsborough River \$2,000 and Alafia River \$3,000 Manasota Basin Board \$346,000
