

TOWN OF DAVIE

TOWN COUNCIL AGENDA REPORT

TO: Mayor and Council Members

FROM/PHONE: Dan Colabella, Utilities Director, 433-4024
Prepared by: Colleen Ryan, Grants Specialist

SUBJECT: Resolution

AFFECTED DISTRICT: All Districts

TITLE OF AGENDA ITEM: A RESOLUTION OF THE TOWN OF DAVIE, FLORIDA, AUTHORIZING AN APPLICATION TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION FOR WATER PROJECTS FUNDING THROUGH THE 2004 LEGISLATIVE APPROPRIATIONS PROCESS AND AUTHORIZING PARALLEL SUBMISSION OF THE PROJECT AS A COMMUNITY BUDGET ISSUE REQUEST.

REPORT IN BRIEF: The Florida legislature is permitted by Florida Statute to fund water projects through the appropriations process. The 2004 Florida legislature has agreed to consider funding for such projects. Applications for this funding are coordinated by the Florida Department of Environmental Protection. Davie will apply for a \$250,000 appropriation to rehabilitate its ten largest lift stations and implement a telemetry program for data tracking. These projects were included in the Town of Davie Water & Wastewater Facilities Plan that was approved by Town Council at its April 2, 2003 meeting. The Town will allocate \$200,000 in matching funds, which were previously approved toward this project in the five year Capital Projects Program for FY 2004-2008. This funding program requires that the Town requests sponsorship of the project as a Community Budget Issue Request (CBIR) from its State Senators and Representatives. The Town will seek such sponsorship from these individuals.

PREVIOUS ACTIONS: Approval of the Davie Water and Wastewater Facilities Plan, R-2003-89, on April 2, 2003.

CONCURRENCES: N/A

FISCAL IMPACT:

Has request been budgeted? Yes

If yes, expected cost: \$ 200,000

Account Name: Utility Reserves / Renewal and Replacement

RECOMMENDATION(S): Motion to approve this resolution

ATTACHMENT(s): Resolution, Grant Application

RESOLUTION R-2004-

A RESOLUTION OF THE TOWN OF DAVIE, FLORIDA, AUTHORIZING AN APPLICATION TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION FOR WATER PROJECTS FUNDING THROUGH THE 2004 LEGISLATIVE APPROPRIATIONS PROCESS AND AUTHORIZING PARALLEL SUBMISSION OF THE PROJECT AS A COMMUNITY BUDGET ISSUE REQUEST.

WHEREAS, the Florida Legislature will consider funding for water projects in the State Fiscal Year 2004-2005 appropriations process; and

WHEREAS, requests for water project funding must be submitted to the Department of Environmental Protection and be sponsored as a Community Budget Issue Request; and

WHEREAS, the Town adopted the Davie Water and Wastewater Facilities Plan in April 2003, which identified the need to rehabilitate the Town's lift stations and install telemetry for data tracking; and

WHEREAS, the Town adopted the Five Year Capital Projects Program for Fiscal Years 2004-2008 in August 2003, which included the proposed wastewater project activities; and

WHEREAS, the Town wishes to seek a \$250,000 appropriation from the Florida Legislature for this project and to provide \$200,000 in matching funds from utility reserves and/or renewal and replacement funds.

NOW, THEREFORE, BE IT RESOLVED BY THE TOWN COUNCIL OF THE TOWN OF DAVIE, FL.

SECTION 1. The Town Council of the Town of Davie hereby authorizes the Town Administrator and/or appropriate staff to submit an application for water projects funding to the Florida Department of Environmental Protection and the Florida Legislature.

SECTION 2. The Town Council authorizes the Town Administrator to submit the project as a Community Budget Issue Request.

SECTION 3. The Town Council authorizes the Town Administrator and/or appropriate staff to accept and implement the water projects grant, if awarded, and to execute the necessary grant application, contract, and all grant documents.

SECTION 4. The Town Council authorizes the Director of Budget and Finance to recognize grant revenue, permit expenditures, and appropriate matching funds, if awarded the grant.

SECTION 5. This resolution shall take effect immediately upon its passage and adoption.

PASSED AND ADOPTED THIS _____ DAY OF _____, 2004.

MAYOR/COUNCIL MEMBER

ATTEST:

TOWN CLERK

APPROVED THIS _____ DAY OF _____, 2004.

Project Tracking #: _____ **Community Budget Issue Request**

1. Project Title: Davie Wastewater Control Improvements Date: January 12, 2004

2. Member Sponsor(s) Name: Rep. Tim Ryan, Sen. Steven Geller District No.(s): House Distr. 100, Senate Distr. 31

3. What statewide interest does this project address as it relates to Chapter 216.052(1)? The project benefits the environment and public health by reducing& preventing wastewater overflows to area ditches and canals, both of which feed the Everglades and the Biscayne Aquifer.

4. Requester: Name: Thomas J. Willi Organization: Town of Davie

5. Recipient: Name: Town of Davie Street: 6591 Orange Drive

City: Davie Zip Code: 33314

Counties: Broward Gov't Entity or Private Organization (Profit/Not for Profit)

6. Contact: Name: Colleen Ryan Phone #: (954) 797-1024 e-mail: colleen_ryan@davie-fl.gov

7. Project Description: (Include services to be provided) Davie will rehabilitate ten wastewater liftstations & implement a telemetry program. Records of flow/pump activity will be monitored. Excessive infiltration/inflow can be identified, measured & reduced. Wastewater overflows can be prevented.

8. Is this a water project as described in Chapter 2002-291, Laws of Florida? Yes No Unknown

8a. If yes, has the project been submitted to the Department of Environmental Protection? Yes No Unknown

8b. If yes, enter the DEP identifying number: WW20032034

9. Measurable Outcome Anticipated: Significant reduction in infiltration & inflow. Reduced possibility/occurence of sewer overflows during rain events.

10. Amount you are requesting from the State for this project this year? Amount Requested:

11. Total cost of project this year:

12. Is this request being made to fund (check all that apply): Operations Construction

13. What type of match exists for this request? Local Private Federal None

13a. Enter all amounts that apply: Total Cash Amount Total In Kind Amount

14. Was this project previously funded by the State? Yes No Unknown

14a. If yes, most recent Fiscal Year _____ (eg. 2001-2002) Amount:

15. Is future-year funding likely to be requested? Yes No Unknown 15a. If yes, how much?

15b. Purpose for future year funding: Recurring Operations Non-Recurring Construction Other _____

16. Will this be an annual request? Yes No Unknown

17. Was this project included in an Agency Budget Request? Yes No Unknown

17a. If yes, name the Agency: Florida Department of Environmental Protection

18. Was this project included in the Governor's Recommended Budget? Yes No Unknown

19. Is there documented need for this project? Yes No Unknown

19a. If yes, what is the documentation? (eg: LRPP, Agency Needs Assessment, etc.) Town-commissioned needs assessment conducted by private engineering firm, resulting in Davie Water and Wastewater Facilities Plan, April 2003.

20. Was this project request heard before a publicly-noticed meeting of a body of elected officials (municipal, county, or state)?

Yes No Unknown

20a. If yes, name the Body: Town Council of the Town of Davie

Most recent meeting date: (eg 03/31/2004) January 7, 2004 (project originally heard on 3/19/03 and 4/2/03. CBIR rqst to be on 1/21/04.)



Administration: (954) 797-1030
Administrative Services: (954) 797-1020
Budget & Finance: (954) 797-1050
Parks & Recreation: (954) 797-1145
Development Services: (954) 797-1111

Engineering: (954) 797-1113
Fire Department: (954) 797-1090
Police Department: (954) 693-8200
Public Works: (954) 797-1240
Utilities: (954) 433-4000

TOWN OF DAVIE 6591 Orange Drive • Davie, Florida 33314-3399

(954) 797-1000

November 14, 2003

Ms. Mimi Drew
Director
Florida Department of Environmental Protection
Division of Water Resource Management
2600 Blair Stone Road, Mail Station 3500
Tallahassee, FL 32399-2400

Dear Ms. Drew:

The Town of Davie is pleased to submit the enclosed application for water projects funding. The Town is requesting \$250,000 in order to rehabilitate our largest wastewater liftstations and implement a telemetry program.

This project benefits the public health and the environment. In addition, it specifically furthers the Town's ability to implement the *Davie Water and Wastewater Facilities Plan*, which was adopted by the Town Council on April 2, 2003. The Town is committed to this project and will commit \$200,000 to see it completed.

Thank you for this opportunity. Please contact Dan Colabella, Davie Utilities Director, at (954) 797-4000, should you require additional information. We look forward to working with you, and the Division of Water Resource Management, on this project.

Sincerely,


Thomas J. Willi
Town Administrator

An Equal Opportunity Employer

Application for Water Project Funding under s. 403.885, F.S. (House Bill 851)

The following information is **required** for all water projects (wastewater, stormwater, surface water restoration, and other water management projects). **You must complete all fields or your application will be deemed incomplete.** Instructions are available [here](#).

We recommend that you TAB from one field to the next after entering information. Please double-check to ensure that you do not enter text in number or date fields.

1. Applicant (entity) name: Town of Davie

Name of local official authorizing application: Thomas Willi
Street: 6591 Orange Drive
City: Davie
Zip Code: 33314
County: Broward

2. Project Title: Davie Wastewater Control Improvements

3. Contact Person

Name: Dan Colabella, Utilities Director
Phone Number: 954-434-4000
E-mail: dan_colabella@davie-fl.gov

4. Applicant type (select **one**):

- County
- Municipality (city, town, village)
- Water management districts
- Special district that has legal responsibilities for water quality improvement, water management, storm water management, sewer system operations, and lake and river restoration projects

4a. If applicant is a county, is it designated as a Rural Area of Critical Economic Concern under s. 288.0656, Florida Statutes? Yes No

5. Project Type:

- Wastewater
- Stormwater
- Surface Water Restoration
- Flood Control
- Other

5a. Project Description (identify location and specific facilities to be provided):

The Town of Davie has 50 wastewater lift stations serving the Town, some of them major. These lift stations have limited controls, and the average age of the stations is 30+ years. Infiltration and excess inflow are significant concerns for the Town's wastewater system, particularly after large rain events. In this project, the Town proposes to rehabilitate its ten largest lift stations and implement a telemetry program for data tracking.

Rehabilitation and telemetry for tracking data is important for the identification and control of infiltration and prevention of excess inflow. These are of particular concern since the Town purchases bulk wastewater disposal service from the City of Hollywood, so reducing infiltration

and preventing excess inflow is important in determining where the system may overflow due to excessive inflow.

Identifying and tracking problem areas is best accomplished with telemetry. The cost to install telemetry per station is approximately \$25,000 (estimated total \$200,000). Costs may vary some depending on the each station's existing control boxes. Davie proposes to install telemetry at the eight to ten largest stations – these lift stations are regional in nature. If telemetry is not installed and the stations are not refurbished, the Town remains blind to the collection system and the Town will continue to incur periodic large inflow occurrences in the system.

Rehabilitation of the lift stations will be station-specific and may include, but not be limited to, pump replacement, concrete, rail and pipe repairs, and refurbishment/replacement of controls. Areas of the Town's sewer system were flow monitored a number of years ago. In particular, the high usage areas around the South Florida Education Center were found to have significant leakage problems that need attention. This education complex includes Nova Southeastern University, Florida Atlantic University, Broward Community College, McFatter Technical Center, University of Florida, Nova Center for Applied Research & Professional Development, two high schools, one middle school, and two elementary schools. This is an area with high daytime use, and thus, has the potential for significant overflows to road ditches, and ultimately canals, during high rainfall events. A complete study of the system around the campuses needs to be undertaken by the Town. The Town then will repair areas where the measured infiltration in gallons per day per inch-mile of collection sewers results are classified as having "excessive" infiltration according to the EPA criteria. The estimated costs for these rehabilitations and repairs is \$250,000.

*Form field will expand.

6. Applicant population, if Municipality (city, town, village) or County (must be from Census 2000)*:
Population = 75,720

*Census 2000 population data for Florida cities and counties may be obtained at <http://censtats.census.gov/pub/Profiles.shtml>. Select Florida from the drop-down box and enter the specific location in which you are interested.

7. Applicant **per capita** income, if Municipality (city, town, village) or County (must be from Census 2000)*:
Per capita income = \$47,014

*Census 2000 per capita income data for Florida cities and counties may be obtained at <http://censtats.census.gov/pub/Profiles.shtml>. Select Florida from the drop-down box and enter the specific location in which you are interested.

8. Total estimated cost of project (round to nearest \$1,000): \$450,000

9. Amount requested in this application (round to nearest \$1,000): \$250,000

10. Is this request being made to fund (check applicable): Operations? Construction?

11. What type of match exists for this request (check applicable)?
Local Private Federal None

11a. Enter amounts that apply:
Total cash amount: \$200,000
Total in-kind amount: \$0

12. Was this project previously funded by the state? Yes No Unknown

12a. If yes, most recent Fiscal Year: _____ Amount (round to nearest \$1,000): \$ _____

12b. Has the project been funded—or is it on a list for funding consideration—by any Department of Environmental Protection, Department of Community Affairs, or federal funding program (State Revolving Fund, Small Community Wastewater Grant, Florida Forever, Community Development Block Grant, Rural Development Corporation, Economic Development Administration, etc.)?
Yes No Unknown

12c. If yes, provide:

Name of the funding program: _____

Type of funding (loan, grant, combination, etc.): _____

Status or likelihood of funding (awarded, pending, under consideration, etc): _____

Amount awarded, pending, or under consideration: \$ _____

13. Is future funding likely to be requested? Yes No Unknown

13a. If yes, how much: \$ _____

14. Is the project included in a (check applicable):

- Surface Water Improvement and Management Plan under chapter 373, part IV?
- Other water restoration plan required by law?
- Watershed restoration management plan prepared pursuant to s. 403.067, F.S.?
- Wastewater Facility Plan?
- Locally **adopted** wastewater, stormwater, or other water quality improvement or restoration plan?
- Other

14a. Provide the name and date of the plan, the date of its adoption or approval, and cite the page(s) where the project is identified and described.

* Town of Davie Water and Wastewater Facilities Plan
Adopted by Town Council of the Town of Davie on April 2, 2003.
Pages 104-106, & 124-126
Public Hearing: March 19, 2003 & April 2, 2003

*Form field will expand.

- If this plan has not previously been submitted to DEP, you **must** submit it (or a copy of the cover page, dated page, and the pages where your project is identified) to the following address:
Florida Department of Environmental Protection
Division of Water Resource Management
2600 Blair Stone Road, Mail Station 3500
Tallahassee, FL 32399-2400
ATTN: WATER PROJECT APPLICATIONS

15. Will this project protect the environment? Yes No

15a. Describe, specifically, how it will protect the environment:

The proposed project will provide two environmental benefits: 1) It will permit the Town's wastewater operations to better manage the lift station system, which will reduce and prevent sanitary sewer overflows and excessive peak flows to the plant; and 2) It will repair damaged areas of the collection system. This reduces potential overflows to the Town's road ditches, which feed area canals, during high rainfall events.

*Form field will expand.

15b. Will this project reduce pollutant loadings to a surface water body? Yes No

15c. If yes, name the water body:

15d. If yes, describe, specifically, how it will reduce loadings, identify anticipated load reductions for total suspended solids, total nitrogen, total phosphorus, and other contaminants, and specify the practices that will be used to reduce loadings:

*

*Form field will expand.

15e. Will this project reduce pollutant loadings to ground water? Yes No

15f. If yes, describe, specifically, how it will reduce loadings, identify anticipated load reductions for total suspended solids, total nitrogen, total phosphorus, and other contaminants, and specify the practices that will be used to reduce loadings:

*

*Form field will expand.

16. Will this project protect public health? Yes No

16a. If yes, describe, specifically, how it will protect public health: [Field needs to hold 500 words]

*By providing greater control of the collection system and making certain repairs, the project significantly minimizes the likelihood of sanitary sewer overflows (untreated sewage spills). In addition, the project's telemetry installation will provide quantified data that identifies areas of high infiltration rates. This will allow for scheduling of future repair programs.

*Form field will expand.

17. Was this project request heard before a publicly-noticed meeting of a body of elected officials (municipal, county, or state)? Yes No Unknown

17a. If yes, name the body: Town Council of the Town of Davie as part of a public hearing for the Town of Davie Water and Wastewater Facilities Plan approval.

17b. Meeting date: March 19, 2003, and April 2, 2003

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