

The Broward County Mitigation Task Force

Proposed Mitigation Project

Proposal Identification number (issued by task force):

Proposing jurisdiction/organization: City of Oakland Park

Contact Individual Name: Harvey Rambarath, Engineering & Construction Manager

Agency or Organization: City of Oakland Park

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Date of Submittal of Original Proposal to Task Force: January 4, 2006

The Proposal – Provide a narrative describing the proposed initiative:

Project Title: Cherry Creek Stormwater Dredging Project

Project Description: This project will in accordance with SFWMD, remove pollution bound sediment from existing Coral Lakes to the C-13 Canal. It will provide for improved stormwater outfall conditions in the residential areas and associated roadway systems, assisting in reducing frequency and duration of flooding for residents and visitors.

Project Location:



Cherry Creek Dredging Project Limits

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The Benefits of the Proposal – this section is to be used for providing detailed information regarding the benefits of the proposed initiative, or to quantify, to the extent possible, the value of the costs avoided or minimized if the proposal were not to be implemented.

- 1) If the proposed initiative is specifically intended for protection of designated critical facilities, is a designated "critical facility" to be benefited? No ___ Yes If yes, provide type, name and address of designated critical facility:

Type	Owner	Written Concurrence by Owner	Street Address	Lat/Long
N/A				

- 2) For all types of projects, including those for protection of designated critical facilities:

Number of people directly benefited: 3818

Percentage of jurisdiction's population directly benefited: 9%

Does the project address populations outside the applicant's jurisdiction? Yes.

How? The Project provides drainage for the area bounded by Oakland Park Blvd to the South, Federal Highway on the East, Commercial Blvd. on the North and the FEC railroad on the West. Federal Highway, Oakland Park Blvd and Commercial Boulevard are State Principal Arterials. By dredging this channel we will expedite the drawdown of stormwater runoff from all of these streets.

Number of structures to be benefited: 1,899

Total taxable value of structures: \$ 271,931,830. Fair market value would be much higher.

Number of businesses to be benefited: 177

Total estimated number of employees benefited: 531

- 3) Is avoidance of evacuation to be an outcome of the proposal? No ___ Yes If yes, explain how: .

Is protection of the ability to evacuate to be an outcome? No ___ Yes If yes, explain how:

Estimate number of evacuees benefited by proposal: _____

Estimated number of businesses avoiding evacuation by proposal: _____

Valuable environmental resource to be protected: No ___ Yes If yes, give name, location acreage and type of resource:

6) Valuable cultural, historic, or civic resource to protected: No ___ Yes If yes, give name, location acreage, type of resource:

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The cost of the Proposal – Provide the cost to implement the proposal: \$810,000

Briefly explain the components considered in estimating the cost to implement:

Planning and Zoning considerations, N/A

Permitting fees; \$5,000

Site preparation; N/A

Labor and building materials; \$750,000

Administrative costs: \$55,000

Provide the additional annual costs of maintaining the project: N/A

Estimated life of the project: 30 years

Define the audience most likely to bear the cost impact:

The general public

Educational/Institutions/Programs

Health care facilities/services

Buyers of property

Retail businesses

Local/regional governments

Developers/builders

Service businesses

Public safety agencies/orgs

Property owners

Manufacturers

Other:

Transient/tourists

Tourism related businesses

Comparison of the Benefit to Cost of the Proposal

1) Give the total dollar cost of the "worst case" outcome:

Using the taxable value of the structures located in the vicinity and assuming a conservative 5% loss in the event of severe flooding for a worst case scenario, we have a cost of
 $\$271,931,830 * 5\% = \$13,596,592$

2) Divide the \$/yr in "1]" by the cost to implement the proposal to derive the benefit to cost ratio:

$\$13,596,592 / \$810,000 = 16.79$

Timing of Implementation

It is anticipated that the City will issue a work Authorization to Craig A Smith and Associates in FY 2006 to begin design and permitting work for the dredging of this canal. We hope to have the project under construction in FY 2007.

Consistency with Other Plans and Programs

List the supporting documents, if any, in which this proposal is described (Give date, edition and section of the documents):

- A) SFWMD Assessments and Stormwater Master Plan
- B) City of Oakland Park, Stormwater Master Plan pages 18 & 24
- C) Broward County Local Mitigation Strategy

Feasibility of Implementation

- 1) Has the proposed project been used elsewhere for the same purpose? No Yes. Dredging projects have been done in many canals to increase their retention and carrying capacity. Each project is unique however because the different existing conditions.
Where: In what time frame? In March 2000 the West Palm Beach Canal Project used a Mud Cat MC-2000 to dredge this canal.

2) Has the proposed project obtained local legislative approval? No Yes N/A

Name: Harris Hamid

Title: Engineering & Construction Management Director

Agency: City of Oakland Park

Signature:

Submit completed form to Broward County Mitigation Task force, c/o Broward County Emergency Management, 201 NW 84th Avenue, Plantation, FL 33324









