

FY08-13 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Stormwater Improvements

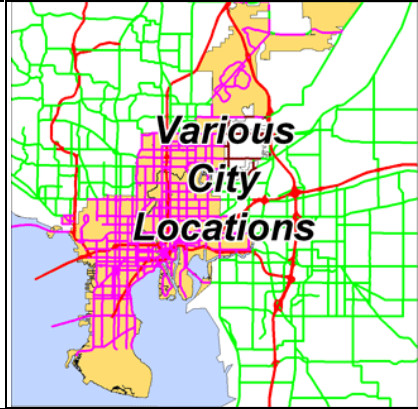
RESPONSIBLE DEPARTMENT:
Stormwater

LOCATION:
Various - See Below

FUNDING SOURCE:
Stormwater Fund

PROJECT DESCRIPTION:

This project provides for planning, design and major support activities associated with major and minor capital improvement projects. The activities include rehabilitation and retrofit of storm sewers, minor capital construction, consulting engineering and testing services, concrete structures, curbing, easements and land acquisition required for the relocation of pipes under structures. The project also provides for minor emergency system improvements.



INDEX CODE: ST50172AV

PROJECT ID: ST-06-013

	<u>FY08</u>	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>TOTAL</u>
FUNDING:	\$2,224,000	\$2,362,000	\$2,260,000	\$2,260,000	\$2,260,000	\$2,260,000	\$13,626,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

Projects supported by this activity include flooding relief, rehabilitation and environmental projects identified under Stormwater's 5-Year capital improvement plan, and emergency system repairs as needed.

FY08-13 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
West Tampa Elementary School Drainage Improvements - Final Phase

RESPONSIBLE DEPARTMENT:
Stormwater

LOCATION:
2700 Cherry Street

FUNDING SOURCE:
Stormwater Fund

PROJECT DESCRIPTION:

This project provides for the construction of a new stormwater system along Habana Avenue and Tampania Avenue south of the West Tampa Elementary School site. These improvements will finalize the drainage system extensions and brick street restorations begun in fiscal years 2004, 2005 and 2006. On Habana Avenue, the segment from Union Street to Walnut Street will be constructed, while on Tampania Avenue the new pipe will run from Chestnut Street to Walnut Street. (The difference of one block is due to different drainage patterns on the two streets.) Approximately 1,400 linear feet of mainline pipe will be constructed, along with stormwater inlets and laterals.



INDEX CODE: ST50172DM

PROJECT ID: ST-08-001

	<u>FY08</u>	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>TOTAL</u>
FUNDING:	\$103,000						\$103,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY08-13 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Major Pipe Replacement

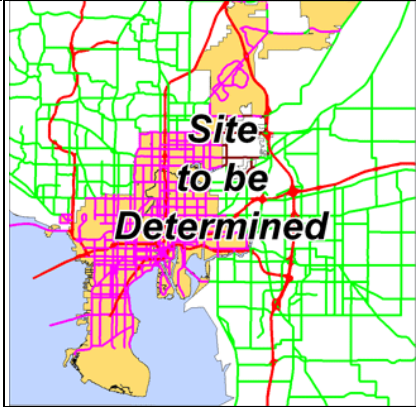
RESPONSIBLE DEPARTMENT:
Stormwater

LOCATION:
To Be Determined

FUNDING SOURCE:
Stormwater Fund

PROJECT DESCRIPTION:

This project provides for major pipe replacement, in locations that have been identified through the use of new video camera equipment, visual inspection and structural testing. Those pipes and box culverts not meeting criteria for no-dig rehabilitation will be slated for replacement. An inventory of pipe conditions has been initiated and will ultimately be tracked through the use of a Geographical Information System (GIS). Locations flagged by frequent cave-in incidents, will also be investigated under this program and evaluated for potential replacement.



INDEX CODE: ST50172EJ

PROJECT ID: ST-06-009

FUNDING:	FY08	FY09	FY10	FY11	FY12	FY13	TOTAL
	\$1,338,000	\$675,000	\$500,000	\$500,000	\$500,000	\$500,000	\$4,013,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY2008 locations are under development.

FY08-13 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Computerized Maintenance Management System (CMMS)

RESPONSIBLE DEPARTMENT:
Stormwater

LOCATION:
3804 East 26th Avenue

FUNDING SOURCE:
Stormwater Fund

PROJECT DESCRIPTION:

This project provides for the implementation of a Computerized Maintenance Management System (CMMS) over a phased, multi-year period, based on the demonstrated performance of system modules subsequent to installation and testing. This project represents a joint effort between the stormwater, wastewater and water departments towards an enterprise solution that will ultimately benefit all city departments. Stormwater's system component will serve all areas of the department. Funds identified for FY08 are estimated and module installation schedules and costs have not been determined.



INDEX CODE: ST50172EK

PROJECT ID: ST-07-001

FUNDING:	FY08	FY09	FY10	FY11	FY12	FY13	TOTAL
	\$300,000	\$300,000					\$600,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY08-13 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Drainage Improvements (Match)

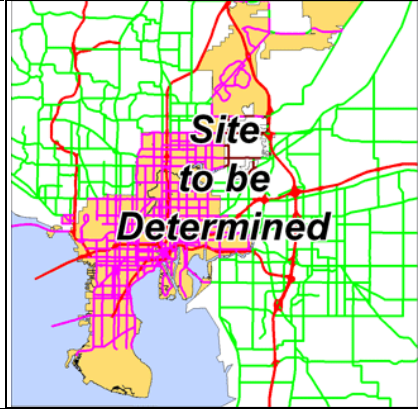
RESPONSIBLE DEPARTMENT:
Stormwater

LOCATION:
To Be Determined

FUNDING SOURCE:
Stormwater Fund

PROJECT DESCRIPTION:

This project provides for the identification of city match funding required for grant opportunities as they arise. Grants will allow the city to effect more stormwater improvements and/or a greater level of improvement than under the current capital improvement program. Due to the size and age of major conveyances, a significant number of needed stormwater improvements are too large in scope and costs to address any one project within a given fiscal year. This annual allocation will permit the city to take advantage of potential funding sources from the environmental protection commission, Florida department of environmental protection, Southwest Florida Water Management District, and the Florida department of transportation.



INDEX CODE: ST50172EL

PROJECT ID: ST-06-031

FUNDING:	FY08	FY09	FY10	FY11	FY12	FY13	TOTAL
	\$564,000	\$564,000	\$500,000	\$500,000	\$500,000	\$500,000	\$3,128,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY08-13 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Urban Lake Rescue - Lake Edna

RESPONSIBLE DEPARTMENT:
Stormwater

LOCATION:
1708 Bedingfield Drive

FUNDING SOURCE:
Stormwater Fund

PROJECT DESCRIPTION:

This project provides for the deepening of the lake to maximize the stormwater residence time and minimize the growth of deep rooted vegetation. Desirable species of vegetation will be planted. This project is one of three Urban Lake Rescue locations cooperatively funded by the Southwest Florida Water Management District (SWFWMD). Lake Edna will be enhanced to function as a stormwater quality-improvement pond. The control structure will be modified to bleed water down in accordance with current stormwater treatment standards, invasive vegetation will be removed and replaced with beneficial native species, and the lake will be partially re-contoured to support a littoral zone. Neighborhood meetings will inform residents of all aspects of the project.



INDEX CODE: ST50172ER

PROJECT ID: ST-08-006

FUNDING:	FY08	FY09	FY10	FY11	FY12	FY13	TOTAL
	\$113,000						\$113,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY08-13 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Water Quality Restoration

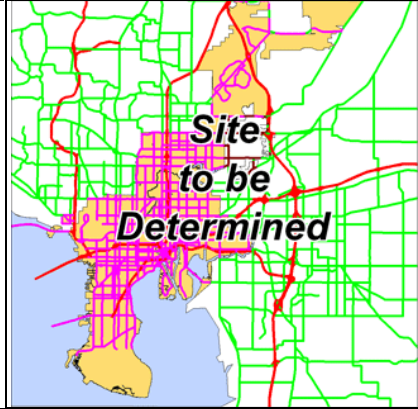
RESPONSIBLE DEPARTMENT:
Stormwater

LOCATION:
To Be Determined

FUNDING SOURCE:
Stormwater Fund

PROJECT DESCRIPTION:

This project provides for the development and monitoring of water quality restoration efforts. This work may be undertaken in areas that have been identified on a list of impaired waters by either the state or federal governments. Projects will be implemented that treat stormwater runoff and/or the impacted receiving water. Treatment devices, public education, storm and receiving water monitoring, removal of contamination, and the enhancement of natural treatment systems are all potential components of this project. Projects and programs will be identified by Basin Management Action Plans, National Pollutant Discharge Emission Standards permit, Nitrogen Management Consortium, or other methods.



INDEX CODE: ST50172ET

PROJECT ID: ST-07-003

FUNDING:	FY08	FY09	FY10	FY11	FY12	FY13	TOTAL
	\$113,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$613,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY08-13 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Flooding Relief - Genessee & 39th Street

RESPONSIBLE DEPARTMENT:
Stormwater

LOCATION:
3915 East Genessee Street

FUNDING SOURCE:
Stormwater Fund

PROJECT DESCRIPTION:

This project provides for the completion of the construction phase. Phase I of the project was budgeted for FY07, and consisted of land acquisition at 3915 E. Genessee Street. Phase 2 will consist of a proposed retention pond, installation of approximately 301 linear feet of 24-inch diameter stormwater pipe laterals, inlets and manholes to more efficiently drain Genessee Street at the dead-end just east of 39th Street.



INDEX CODE: ST50172EW

PROJECT ID: ST-08-007

FUNDING:	FY08	FY09	FY10	FY11	FY12	FY13	TOTAL
	\$79,000						\$79,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY08-13 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Flooding Relief - Hamilton Avenue East

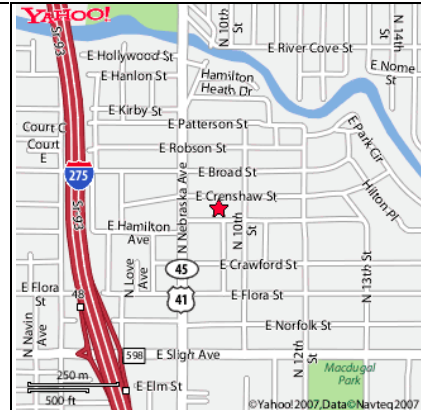
RESPONSIBLE DEPARTMENT:
Stormwater

LOCATION:
914 East Hamilton Avenue

FUNDING SOURCE:
Stormwater Fund

PROJECT DESCRIPTION:

This project provides for the construction of a new lateral and inlets to facilitate draining stormwater at the intersection of Hamilton Avenue and 9th Street. Water ponding at this location builds up to the point where it enters the driveway and garage at 914 East Hamilton. This project will alleviate this condition.



INDEX CODE: ST50172FD

PROJECT ID: ST-07-020

FUNDING:	FY08	FY09	FY10	FY11	FY12	FY13	TOTAL
	\$105,000						\$105,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY08-13 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Flooding Relief - Tampa Bay and Gomez

RESPONSIBLE DEPARTMENT:
Stormwater

LOCATION:
3001 West Tampa Bay Boulevard

FUNDING SOURCE:
Stormwater Fund

PROJECT DESCRIPTION:

This project provides for the construction of a stormwater lateral to drain a low area in the right-of-way adjacent to 3006 Tampa Bay Boulevard which is the cause of major street and yard flooding.



INDEX CODE: ST50172FE

PROJECT ID: ST-07-021

FUNDING:	FY08	FY09	FY10	FY11	FY12	FY13	TOTAL
	\$511,000						\$511,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY08-13 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Flooding Relief - Temple Heights Road

RESPONSIBLE DEPARTMENT:
Stormwater

LOCATION:
4822 Temple Heights Road

FUNDING SOURCE:
Stormwater Fund

PROJECT DESCRIPTION:

This project provides for the construction of inlets and a gravity pipe at a low point at 4822 Temple Heights Road. Connection will be made to the Takomah Trail system approximately 700 feet to the west of the flooded area. Street and yard flooding will be alleviated and future damage to the roadway base will be averted.



INDEX CODE: ST50172FF

PROJECT ID: ST-07-022

FUNDING:	FY08	FY09	FY10	FY11	FY12	FY13	TOTAL
	\$565,000						\$565,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY08-13 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Flooding Relief - Interbay Avenue

RESPONSIBLE DEPARTMENT:
Stormwater

LOCATION:
6203 Interbay Avenue

FUNDING SOURCE:
Stormwater Fund

PROJECT DESCRIPTION:

This project provides for new swales at 6203 Interbay Avenue to approximately 250 feet west (at Himes Avenue). Both sides of Interbay Avenue will be improved thus alleviating street and yard flooding.



INDEX CODE: ST50172FG

PROJECT ID: ST-07-023

FUNDING:	FY08	FY09	FY10	FY11	FY12	FY13	TOTAL
	\$56,000						\$56,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY08-13 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Flooding Relief - Norfolk Street West

RESPONSIBLE DEPARTMENT:
Stormwater

LOCATION:
1808 West Norfolk Street

FUNDING SOURCE:
Stormwater Fund

PROJECT DESCRIPTION:

This project provides for improvements to extend a roadside swale system approximately 200 feet east to Packwood Avenue, thus alleviating street, yard and structural flooding. The system on Packwood will also be evaluated and improved as necessary, completing a connection to the closed system on Sligh Avenue.



INDEX CODE: ST50172FH

PROJECT ID: ST-07-024

FUNDING:	FY08	FY09	FY10	FY11	FY12	FY13	TOTAL
	\$440,000						\$440,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY08-13 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Flooding Relief - Alfred / Woodrow

RESPONSIBLE DEPARTMENT:
Stormwater

LOCATION:
400 West Alfred Street

FUNDING SOURCE:
Stormwater Fund

PROJECT DESCRIPTION:

This project provides for the construction of 250 linear feet of 18-inch diameter stormwater pipe, along with the associated manholes and inlets. This new pipe will connect to the 54-inch diameter pipe system located at the intersection of Braddock Street and Woodrow Avenue.



INDEX CODE: ST50172FR

PROJECT ID: ST-08-004

FUNDING:	FY08	FY09	FY10	FY11	FY12	FY13	TOTAL
	\$79,000						\$79,000

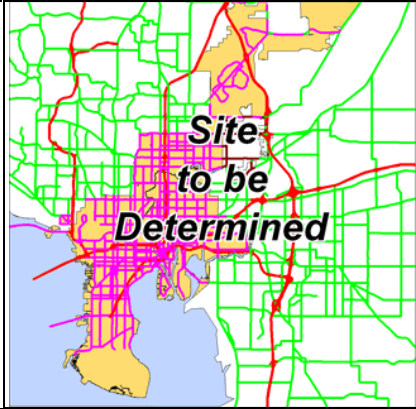
Land Acquisition							
Design							
Bid							
Award							
Construction							

FY08-13 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE: Sediment Filtration Devices
RESPONSIBLE DEPARTMENT: Stormwater

LOCATION: To Be Determined
FUNDING SOURCE: Stormwater Fund

PROJECT DESCRIPTION:
 This project provides for the installation of sediment filtration devices. These devices will be designed to remove between 60% and 80% of total suspended solids from stormwater. The devices are placed as retrofits to stormwater pipe systems and will be maintained by the stormwater operations division. Sediments will be processed at the Sweeper Debris Facility on Hookers Point in Tampa.



INDEX CODE: _____ **PROJECT ID:** ST-08-011

FUNDING:	<u>FY08</u>	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>TOTAL</u>
		\$778,000	\$730,000	\$730,000	\$730,000	\$730,000	\$3,698,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

Existing stormwater pipe systems are being evaluated for potential retrofit with specific locations to be determined based on those evaluations.

FY08-13 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE: Westshore Boulevard to Spring Lake Stormwater Improvements
RESPONSIBLE DEPARTMENT: Stormwater

LOCATION: 3343 Westshore Boulevard
FUNDING SOURCE: Stormwater Fund

PROJECT DESCRIPTION:
 This project provides for improvements to the system that runs along the eastern portion of Westshore Boulevard in the parking lots of businesses. The pipeline segments include replacement of 12, 15 and 18-inch diameter pipes which have had a high frequency of repairs. This project provides for the construction of 1900 linear feet of 24-inch diameter mainline pipe, manholes and inlets within the same location.



INDEX CODE: _____ **PROJECT ID:** ST-08-015

FUNDING:	<u>FY08</u>	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>TOTAL</u>
		\$750,000					\$750,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY08-13 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Pipe Rehabilitation - CIPP Contract

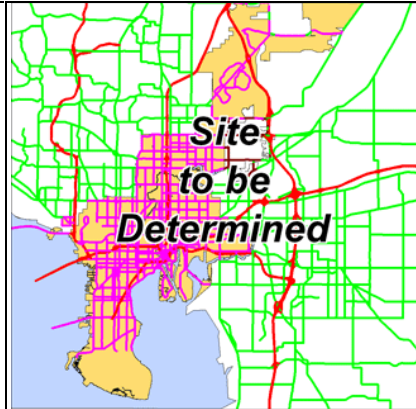
RESPONSIBLE DEPARTMENT:
Stormwater

LOCATION:
To Be Determined

FUNDING SOURCE:
Stormwater Fund

PROJECT DESCRIPTION:

This project provides for existing pipe systems receiving frequent service calls to be targeted for video inspection and prioritized according to condition. Pipes meeting rehabilitation criteria will be scheduled for lining in order of need. Cured-In-Place-Pipe (CIPP) or other trenchless technologies will be used to rehabilitate pipes and box culverts of various sizes at various locations city-wide.



INDEX CODE: PROJECT ID: ST-08-008

FUNDING:	<u>FY08</u>	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>TOTAL</u>
		\$587,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,587,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY08-13 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Flooding Relief - Bird Street

RESPONSIBLE DEPARTMENT:
Stormwater

LOCATION:
2135 West Bird Street

FUNDING SOURCE:
Stormwater Fund

PROJECT DESCRIPTION:

This project provides for the construction of a drainage system to a low area that floods, where no drainage system exists. The only feasible solution is to construct a pond. There is vacant property and the stormwater department is pursuing acquisition. Feasibility of providing an outfall will be evaluated. If property acquisition is achieved, the project will enter the design process with construction targeted to begin in late FY09.



INDEX CODE: PROJECT ID: ST-07-018

FUNDING:	<u>FY08</u>	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>TOTAL</u>
		\$150,000					\$150,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY08-13 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Bay Vista Stormwater Improvements

RESPONSIBLE DEPARTMENT:
Stormwater

LOCATION:
3210 Bay Vista Avenue

FUNDING SOURCE:
Stormwater Fund

PROJECT DESCRIPTION:

This project provides for construction of 600 linear feet of 30-inch diameter mainline pipe, manholes and inlets along Bay Vista Avenue. Construction of this pipeline in the right-of-way will allow for the abandonment of the pipeline on private property. Drainage system improvements are included within the scope of this relocation work.



INDEX CODE: PROJECT ID: ST-08-013

FUNDING:	FY08	FY09	FY10	FY11	FY12	FY13	TOTAL
		\$113,000					\$113,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY08-13 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
El Prado at Hesperides Stormwater Improvements

RESPONSIBLE DEPARTMENT:
Stormwater

LOCATION:
4419 West El Prado Boulevard

FUNDING SOURCE:
Stormwater Fund

PROJECT DESCRIPTION:

This project provides for the construction of 200 linear feet of 18-inch diameter mainline pipe, manholes and inlets along El Prado Boulevard and Hesperides Street. Construction of this pipeline in the right-of-way will allow for the abandonment of the pipeline on private property. Drainage system improvements are included within the scope of this relocation work.



INDEX CODE: PROJECT ID: ST-08-012

FUNDING:	FY08	FY09	FY10	FY11	FY12	FY13	TOTAL
		\$113,000					\$113,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY08-13 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
West Dale Avenue Stormwater Improvements

RESPONSIBLE DEPARTMENT:
Stormwater

LOCATION:
4010 West Dale Avenue

FUNDING SOURCE:
Stormwater Fund

PROJECT DESCRIPTION:
This project provides for the construction of 350 linear feet of 18-inch diameter mainline pipe, manholes and inlets along West Dale Avenue from Grady Avenue 350 feet west. Construction of this pipeline within the right-of-way will allow for the abandonment of the pipeline on private property. Drainage system improvements are included within the scope of this relocation work.



INDEX CODE: PROJECT ID: ST-08-014

FUNDING:	FY08	FY09	FY10	FY11	FY12	FY13	TOTAL
		\$98,000					\$98,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY08-13 CAPITAL IMPROVEMENT PROJECT

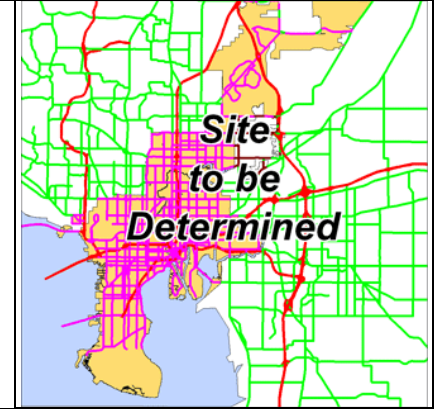
PROJECT TITLE:
Flooding Relief Projects

RESPONSIBLE DEPARTMENT:
Stormwater

LOCATION:
To Be Determined

FUNDING SOURCE:
Stormwater Fund

PROJECT DESCRIPTION:
This project provides for the construction of planned future stormwater flooding relief projects under the stormwater department's five-year plan. Several of the less costly solutions for isolated flooding may be combined into one contract. The priority listing is subject to change annually, with the addition of new flooding issues, system failures or other corrective infrastructure work that must occur simultaneously with other utility improvements in a given area.



INDEX CODE: PROJECT ID: ST-08-009

FUNDING:	FY08	FY09	FY10	FY11	FY12	FY13	TOTAL
			\$1,800,000	\$2,000,000	\$2,000,000	\$2,000,000	\$7,800,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

Planned future projects for FY10-FY13 are under development.

FY08-13 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Stormwater System Rehabilitation

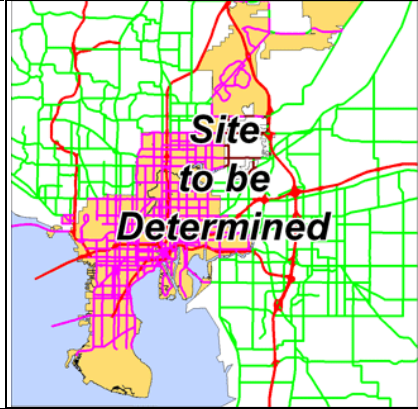
RESPONSIBLE DEPARTMENT:
Stormwater

LOCATION:
To Be Determined

FUNDING SOURCE:
Stormwater Fund

PROJECT DESCRIPTION:

This project provides for the rehabilitation of major storm sewer and ditch conveyances. Large systems require rehabilitation to improve drainage and to reduce periodic maintenance costs. Major conveyance systems are an integral part of the city's drainage system.



INDEX CODE: PROJECT ID: ST-08-010

FUNDING:	FY08	FY09	FY10	FY11	FY12	FY13	TOTAL
			\$200,000				\$200,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY08-13 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Vehicle Wash Facility

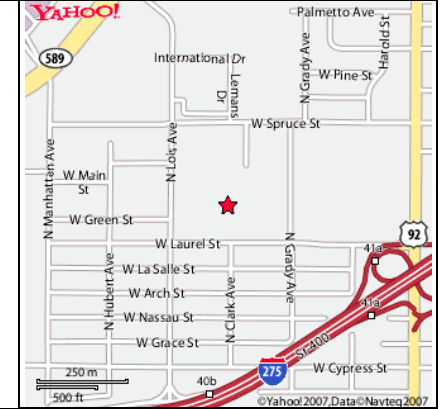
RESPONSIBLE DEPARTMENT:
Fleet Maintenance

LOCATION:
1508 North Clark Avenue

FUNDING SOURCE:
Fleet Maintenance Fund

PROJECT DESCRIPTION:

This project provides for construction of a vehicle wash for the use of all city departments. Placement in the solid waste yard is logical due to the need for regular cleaning of refuse vehicles. Proximity to fleet will make it convenient for other users. The design will allow use by all vehicles and will incorporate environmentally sound use of recycled or reclaimed water.



INDEX CODE: FM50593AV PROJECT ID: FM-07-001

FUNDING:	FY08	FY09	FY10	FY11	FY12	FY13	TOTAL
	\$616,924						\$616,924

Land Acquisition							
Design							
Bid							
Award							
Construction							