

FY09-14 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Solid Waste / Fleet Maintenance Parking Garage

RESPONSIBLE DEPARTMENT:
Solid Waste

LOCATION:
4010 West Spruce Street

FUNDING SOURCE:
Solid Waste Fund

PROJECT DESCRIPTION:

This project provides for the construction of a four-level parking garage that will support approximately 500 spaces including required handicapped spaces. Located parallel to North Clark Avenue and south of the solid waste department administration building. The parking garage will allow for future expansion if needed. This is a shared project with the fleet maintenance division of the public works department.



INDEX CODE: PROJECT ID: SN-08-003

FUNDING:	FY09	FY10	FY11	FY12	FY13	FY14	TOTAL
			\$401,768	\$4,266,322			\$4,668,090

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY09-14 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Stormwater Improvements

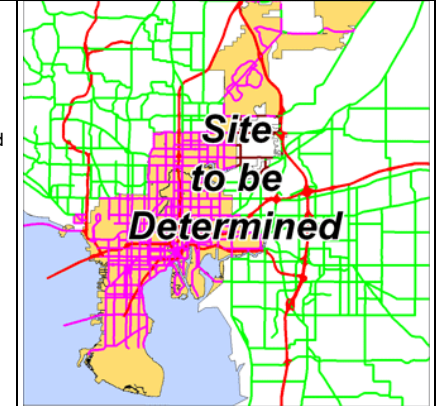
RESPONSIBLE DEPARTMENT:
Stormwater

LOCATION:
To Be Determined

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

FUNDING:	FY09	FY10	FY11	FY12	FY13	FY14	TOTAL
	\$2,224,000	\$2,274,000	\$2,356,000	\$2,438,000	\$2,523,000	\$2,611,000	\$14,426,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

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

FY09-14 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Sediment Filtration Devices

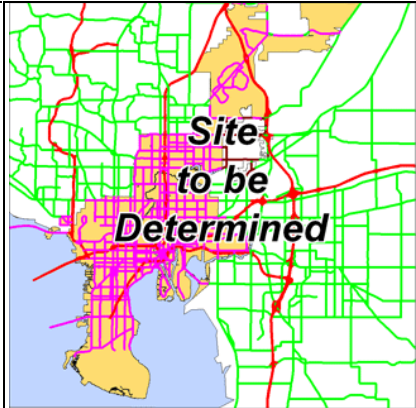
RESPONSIBLE DEPARTMENT:
Stormwater

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: ST50172DC

PROJECT ID: ST-08-011

FUNDING:	FY09	FY10	FY11	FY12	FY13	FY14	TOTAL
	\$275,000	\$275,000	\$275,000	\$275,000	\$275,000	\$275,000	\$1,650,000

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.

FY09-14 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Major Pipe Replacement

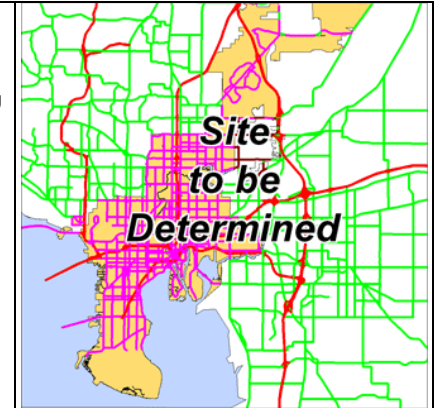
RESPONSIBLE DEPARTMENT:
Stormwater

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. Pipes and box culverts that do not meet the 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:	FY09	FY10	FY11	FY12	FY13	FY14	TOTAL
	\$1,700,000	\$1,973,000	\$1,711,000	\$1,644,000	\$1,564,000	\$1,476,000	\$10,068,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY2009 locations are under development.

FY09-14 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Drainage Improvements (Match)

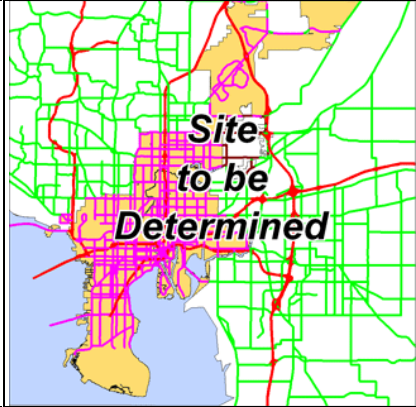
RESPONSIBLE DEPARTMENT:
Stormwater

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:	FY09	FY10	FY11	FY12	FY13	FY14	TOTAL
	\$564,000	\$564,000	\$564,000	\$564,000	\$564,000	\$564,000	\$3,384,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY09-14 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Pipe Rehabilitation - CIPP Contract

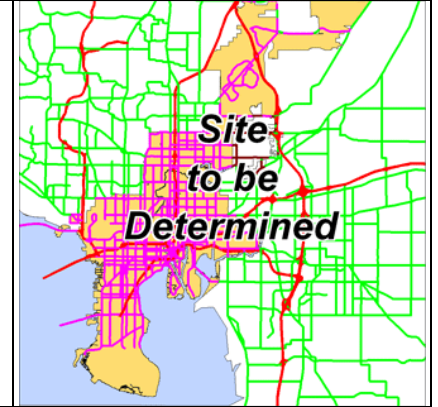
RESPONSIBLE DEPARTMENT:
Stormwater

LOCATION:
To Be Determined

FUNDING SOURCE:
Stormwater Fund

PROJECT DESCRIPTION:

This project provides for existing pipe systems that receive 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: ST50172ES

PROJECT ID: ST-08-008

FUNDING:	FY09	FY10	FY11	FY12	FY13	FY14	TOTAL
	\$264,000	\$264,000	\$264,000	\$264,000	\$264,000	\$264,000	\$1,584,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY09 locations are under development.

FY09-14 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Water Quality Restoration

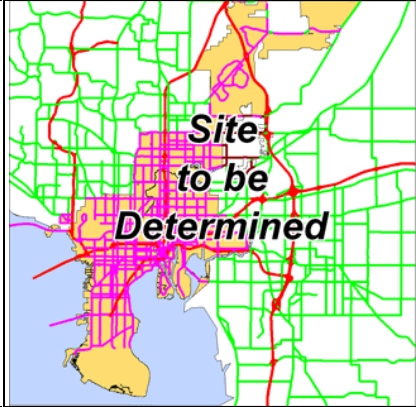
RESPONSIBLE DEPARTMENT:
Stormwater

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 government. 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 Elimination System permit, Nitrogen Management Consortium, or other methods.



INDEX CODE: ST50172ET

PROJECT ID: ST-07-003

FUNDING:	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
	\$100,000	\$100,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,400,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY09-14 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 in FY08 and consisted of land acquisition at 3915 East Genessee Street. Phase II, budgeted for FY09, will consist of a proposed retention pond and the 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, which is just east of 39th Street.



INDEX CODE: ST50172EW

PROJECT ID: ST-09-001

FUNDING:	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
	\$68,000						\$68,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY09-14 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Flooding Relief - Tampa Bay Boulevard and Gomez Avenue

RESPONSIBLE DEPARTMENT:
Stormwater

LOCATION:
3006 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 West Tampa Bay Boulevard, which is the cause of major street and yard flooding. FY09 budgeted funds cover the completion of work initiated in FY08.



INDEX CODE: ST50172FE **PROJECT ID:** ST-09-004

FUNDING:	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
	\$52,000						\$52,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY09-14 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Flooding Relief - West Norfolk Street

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 Avenue will also be evaluated and improved as necessary, completing a connection to the closed system on Sligh Avenue. FY09 budgeted funds cover the completion of work initiated in FY08.



INDEX CODE: ST50172FH **PROJECT ID:** ST-09-005

FUNDING:	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
	\$52,000						\$52,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY09-14 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: ST50172FV **PROJECT ID:** ST-08-012

FUNDING:	FY09	FY10	FY11	FY12	FY13	FY14	TOTAL
	\$70,000						\$70,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY09-14 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE: Habana Avenue: Dr. Martin Luther King Jr. Boulevard to West Lake Avenue Conveyance Improvements
RESPONSIBLE DEPARTMENT: Stormwater

LOCATION: Habana Avenue: Dr. Martin Luther King Jr. Boulevard to West Lake Avenue
FUNDING SOURCE: Stormwater Fund

PROJECT DESCRIPTION:
 This project provides for a joint effort with the department of public works to pipe in the existing ditch system along the east side of Habana Avenue and construct a new drainage system to capture flow through several inlets and pipes. The public works department will provide the sidewalk and pedestrian ramp improvements, and some utility relocation will be required. This is the first phase of similar improvements along Habana Avenue, between West Lake Avenue and Tampa Bay Boulevard, that are planned for construction in FY10.



INDEX CODE: ST50172FW **PROJECT ID:** ST-09-006

FUNDING:	FY09	FY10	FY11	FY12	FY13	FY14	TOTAL
	\$68,000						\$68,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY09-14 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 within the Bird Street right-of-way that floods, where no drainage system exists. Construction will consist of pavement improvements on Bird Street, 700 linear feet of new ditch system, one inlet and 16 linear feet of 18-inch reinforced concrete pipe. An easement will be donated by TECO for connection of the new conveyance to the existing system.



INDEX CODE: ST50172FX **PROJECT ID:** ST-07-018

FUNDING:	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
	\$68,000						\$68,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY09-14 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: ST50172FY **PROJECT ID:** ST-08-014

FUNDING:	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
	\$85,000						\$85,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY09-14 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE: Curiosity Creek Pump Station Controls Upgrade
RESPONSIBLE DEPARTMENT: Stormwater

LOCATION: 215 West 109th Avenue
FUNDING SOURCE: Stormwater Fund

PROJECT DESCRIPTION:
 This project provides for the replacement of three existing variable speed drives, one for each pump, subsequent to the failure of two computer control boards. Existing manual transfer switches will also be replaced with automatic switches, to facilitate the transfer to a backup power generator during power outages.



INDEX CODE: ST50172FZ **PROJECT ID:** ST-09-007

FUNDING:	FY09	FY10	FY11	FY12	FY13	FY14	TOTAL
	\$250,000						\$250,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY09-14 CAPITAL IMPROVEMENT PROJECT

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

LOCATION: 3343 South 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 various 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 1,900 linear feet of 24-inch diameter mainline pipe, manholes and inlets within the same location.



INDEX CODE: ST50172GA **PROJECT ID:** ST-08-015

FUNDING:	FY09	FY10	FY11	FY12	FY13	FY14	TOTAL
	\$750,000						\$750,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY09-14 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE: Habana Avenue: West Lake Avenue to Tampa Bay Boulevard Stormwater Conveyance Improvements
RESPONSIBLE DEPARTMENT: Stormwater

LOCATION: Habana Avenue: West Lake Avenue to Tampa Bay Boulevard Stormwater Fund
FUNDING SOURCE: Stormwater Fund

PROJECT DESCRIPTION:
 This project provides for a joint effort with the department of public works to pipe in the existing ditch system along the east side of Habana Avenue and construct a new drainage system to capture flow through several inlets and pipes. The public works department will provide the sidewalk and pedestrian ramp improvements, and some utility relocation will be required. This is the second phase of similar improvements along Habana Avenue, between Dr. Martin Luther King, Jr. Boulevard and West Lake Avenue, that are planned for construction in FY09.



INDEX CODE: PROJECT ID: ST-09-011

FUNDING:	FY09	FY10	FY11	FY12	FY13	FY14	TOTAL
		\$200,000					\$200,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY09-14 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE: Flooding Relief - Holland Avenue
RESPONSIBLE DEPARTMENT: Stormwater

LOCATION: 1013 East Holland Avenue
FUNDING SOURCE: Stormwater Fund

PROJECT DESCRIPTION:
 This project provides for the modification of existing inlets along Holland Avenue to redirect flow. A couple of inlets will capture the runoff from Bougainvillea Avenue and reroute it to the existing system on Holland Avenue. The proposed route was selected due to maintenance of traffic issues along Bougainvillea Avenue. Improvements will include 742 linear feet of 18-inch reinforced concrete pipe, two inlets, two manholes, and approximately 1,000 linear feet of pavement restoration.



INDEX CODE: PROJECT ID: ST-09-008

FUNDING:	FY09	FY10	FY11	FY12	FY13	FY14	TOTAL
		\$160,000					\$160,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY09-14 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Flooding Relief - Fern Street

RESPONSIBLE DEPARTMENT:
Stormwater

LOCATION:
3006 East Fern Street

FUNDING SOURCE:
Stormwater Fund

PROJECT DESCRIPTION:

This project will involve the construction of storm pipe and stormwater inlets to alleviate flooding. This will entail upsizing the existing pipe on 30th Street from 15-inch to 36-inch, tying into an existing system and adding inlets at the intersection of East Fern Street and 30th Street. Improvements will include 70 linear feet of 24-inch reinforced concrete pipe, 250 linear feet of 36-inch reinforced concrete pipe, two inlets, two manholes, and pavement restoration.



INDEX CODE: PROJECT ID: ST-09-009

FUNDING:	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
		\$140,000					\$140,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY09-14 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Flooding Relief - Woodlynn Avenue

RESPONSIBLE DEPARTMENT:
Stormwater

LOCATION:
North Woodlynn Avenue and West Gray Street

FUNDING SOURCE:
Stormwater Fund

PROJECT DESCRIPTION:

This project will reconfigure an existing ditch system and improve a connection to the stormwater system at the intersection of North Woodlynn Avenue and West Gray Street. Improvements will include 272 linear feet of 15-inch reinforced concrete pipe, two inlets, 70 linear feet of driveway culvert restoration, three water line offsets, and approximately 331 linear feet of pavement restoration.



INDEX CODE: PROJECT ID: ST-09-010

FUNDING:	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
		\$140,000					\$140,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY09-14 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:	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
			\$420,000	\$605,000	\$600,000	\$600,000	\$2,225,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

Potential future projects for FY11-FY14 are under development.

FY09-14 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Stormwater System Rehabilitation

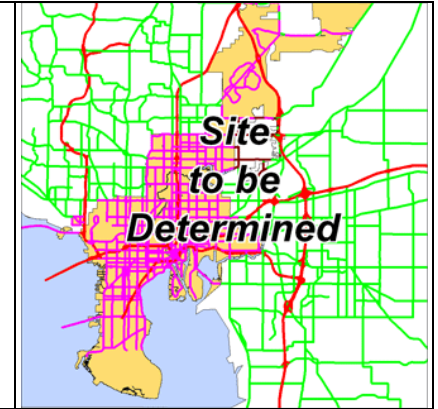
RESPONSIBLE DEPARTMENT:
Stormwater

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 and probabilities of failure. These major conveyance systems are an integral part of the city's drainage system, and all are being visually inspected and evaluated for deficiencies using modern remote TV camera techniques.



INDEX CODE:

PROJECT ID: ST-08-010

FUNDING:	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
			\$200,000				\$200,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

Potential locations for FY11 are under review.