

FY09-14 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Pipeline Repairs and Replacement

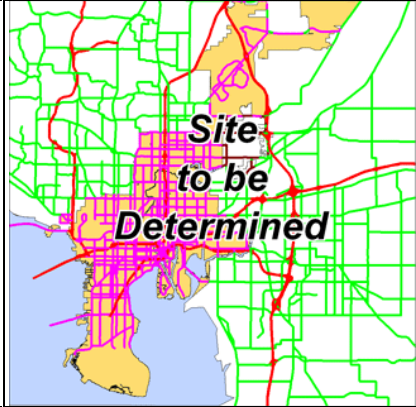
RESPONSIBLE DEPARTMENT:
Water

LOCATION:
To Be Determined

FUNDING SOURCE:
2007 Water Bond

PROJECT DESCRIPTION:

This project provides for rehabilitation and / or repairs of water pipelines at various locations throughout the Tampa water department's service area. The replacement value of the water pipeline system is in excess of \$2 billion. Approximately 15% of the system is at or beyond its useful life. Identification and prioritization of these assets has resulted in a list totaling \$400 million.



INDEX CODE: PROJECT ID: WT-09-032

FUNDING:	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
	\$34,446,143						\$34,446,143

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY09-14 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
High Service Pumps 9 and 10

RESPONSIBLE DEPARTMENT:
Water

LOCATION:
7125 North 30th Street

FUNDING SOURCE:
2007 Water Bond

PROJECT DESCRIPTION:

This project provides for the replacement of two high service pumps. There are currently two 600 horsepower horizontal high service pumps that deliver 12 million gallons per day each. These pumps, installed in the 1950's, are high power users, and inefficient. The fact that they are horizontal pumps means they must pull a suction lift from the clearwell, which only allows pumping down to a five foot level in the clearwell before the pumps stop working. Replacing them with two 1,000 horsepower vertical pumps will double the pumping rate and utilize the entire capacity of the clearwell.



INDEX CODE: PROJECT ID: WT-08-004

FUNDING:	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
	\$2,500,000						\$2,500,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY09-14 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Basin 5 - 8 Clearwell Rehabilitation

RESPONSIBLE DEPARTMENT:
Water

LOCATION:
7125 North 30th Street

FUNDING SOURCE:
2007 Water Bond

PROJECT DESCRIPTION:

This project provides for the rehabilitation of settling basins and finished water clearwells / storage tanks. Rehabilitation of this infrastructure will involve the removal of deteriorated coating systems, repair and / or replacement of exposed reinforcing steel, repair of significant cracking, replacement of inoperable control valves, restoration of concrete surfaces, and installation of new coating systems.



INDEX CODE:

PROJECT ID: WT-09-034

FUNDING:	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
	\$2,479,602						\$2,479,602

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY09-14 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Valve Replacement

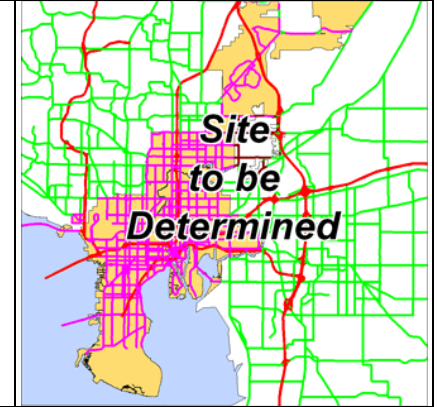
RESPONSIBLE DEPARTMENT:
Water

LOCATION:
To Be Determined

FUNDING SOURCE:
2007 Water Bond

PROJECT DESCRIPTION:

The project provides for the repair and / or replacement of water valves that have failed. Failing valves are a source of water loss and can prevent repair crews from shutting water off at the nearest location to the work site.



INDEX CODE:

PROJECT ID: WT-09-036

FUNDING:	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
	\$2,000,000						\$2,000,000

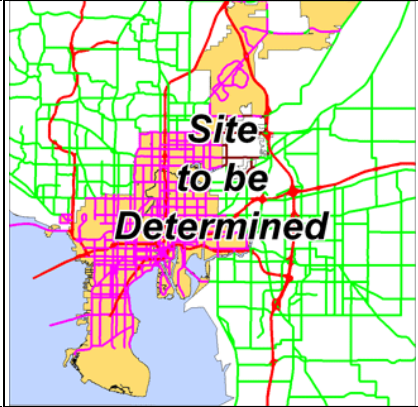
Land Acquisition							
Design							
Bid							
Award							
Construction							

FY09-14 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE: Distribution Upgrade and Relocation with Hillsborough County Water
RESPONSIBLE DEPARTMENT: Water

LOCATION: To Be Determined
FUNDING SOURCE: 2007 Water Bond

PROJECT DESCRIPTION:
 This project provides for the upgrade and relocation of water facilities located in the right-of-way of Hillsborough County roads. These utility coordination projects are comprised of capital improvements within Hillsborough County's right-of-way. When these improvements are in conflict with existing water infrastructure, the Tampa water department is required to relocate and / or replace the infrastructure.



INDEX CODE: PROJECT ID: WT-08-015

FUNDING:	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
	\$930,000						\$930,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY09-14 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE: Treatment Improvements
RESPONSIBLE DEPARTMENT: Water

LOCATION: 7125 North 30th Street
FUNDING SOURCE: 2007 Water Bond

PROJECT DESCRIPTION:
 This project provides for various minor capital projects for the David L. Tippin Water Treatment Facility. The treatment plant is over 80 years old and provides approximately 85 million gallons of water per day. As a result, the plant has processes that are in need of upgrading or rehabilitation.



INDEX CODE: PROJECT ID: WT-09-031

FUNDING:	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
	\$883,247						\$883,247

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY09-14 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Hillsborough River Dam Rehabilitation

RESPONSIBLE DEPARTMENT:
Water

LOCATION:
7125 North 30th Street

FUNDING SOURCE:
2007 Water Bond

PROJECT DESCRIPTION:

This project provides for rehabilitation at the Hillsborough River Dam. There are areas around the spillways that require concrete rehabilitation / upgrade and the support beams under the walkways that need to be sandblasted and repainted to prevent them from corrosion. Since these metal beams were last painted in 1961, they will require lead abatement before they are repainted again. There is also a need for a re-inspection of the drains at the base of the dam to access any damage due to leakage.



INDEX CODE:

PROJECT ID: WT-08-014

FUNDING:	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
	\$800,000						\$800,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY09-14 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Security Improvements

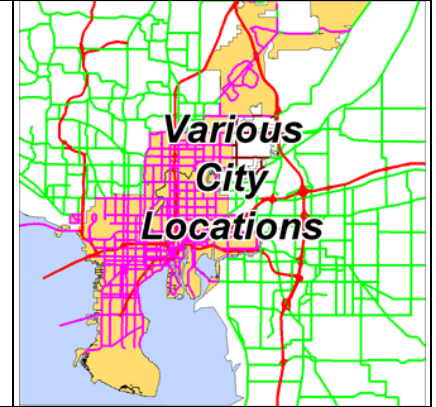
RESPONSIBLE DEPARTMENT:
Water

LOCATION:
Various - See Below

FUNDING SOURCE:
2007 Water Bond

PROJECT DESCRIPTION:

This project provides for installing security improvements at various locations throughout the Tampa water department service area. Securing the water production and distribution system is vital to ensuring safe drinking water. Security improvements will decrease potential contaminate threats to the potable water system.



INDEX CODE:

PROJECT ID: WT-09-035

FUNDING:	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
	\$679,833						\$679,833

Land Acquisition							
Design							
Bid							
Award							
Construction							

LOCATIONS UNDER CONSIDERATION INCLUDE:

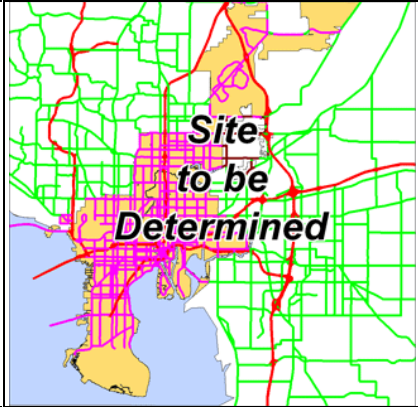
- Morris Bridge Treatment Plant
- David L. Tippin Water Treatment Plant
- West Tampa tank
- Rome Avenue service yard

FY09-14 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE: Distribution Upgrade and Relocation with the Department of Public Works
RESPONSIBLE DEPARTMENT: Water

LOCATION: To Be Determined
FUNDING SOURCE: 2007 Water Bond

PROJECT DESCRIPTION:
 This project provides for the upgrade and relocation of water mains in conjunction with the public works department. These utility coordination projects developed by the departments are comprised of capital improvements within the city's rights-of-way. When these improvements are in conflict with existing services and mains, the Tampa water department is impacted and subsequent relocation and / or replacement of water mains is required.



INDEX CODE: _____ **PROJECT ID:** WT-06-005

FUNDING:	FY09	FY10	FY11	FY12	FY13	FY14	TOTAL
	\$440,000						\$440,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

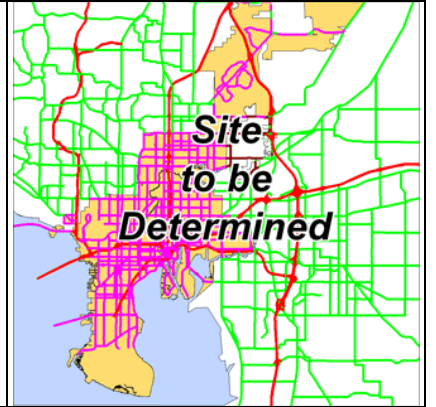
This project consists of JPA agreements with design by the Tampa water department. Design and construction schedules are dictated by the controlling agency and therefore, cannot be determined in advance. Bid / advertise / award will be managed by other departments.

FY09-14 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE: Distribution Upgrade and Relocation with the Florida Department of Transportation
RESPONSIBLE DEPARTMENT: Water

LOCATION: To Be Determined
FUNDING SOURCE: 2007 Water Bond

PROJECT DESCRIPTION:
 This project provides for the mandated upgrade and relocation of water mains in conjunction with Florida department of transportation (FDOT) projects. Utilities within the right-of-way controlled by FDOT are required to be relocated outside of the roadway pavement by the water department. The design and construction schedules are dictated by FDOT. These funds provide for surveys, designs and construction activities.



INDEX CODE: _____ **PROJECT ID:** WT-09-037

FUNDING:	FY09	FY10	FY11	FY12	FY13	FY14	TOTAL
	\$425,000						\$425,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY09-14 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
On-Line Monitoring Distribution

RESPONSIBLE DEPARTMENT:
Water

LOCATION:
7125 North 30th Street

FUNDING SOURCE:
2007 Water Bond

PROJECT DESCRIPTION:

This project provides for the installation of on-line, real-time monitoring of the drinking water distribution system for possible contamination due to outside intervention. The Environmental Protection Agency requires cities to undergo vulnerability assessments. This project allows for additional full on-line monitoring to enhance the monitoring already in place.



INDEX CODE:

PROJECT ID: WT-08-019

FUNDING:	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
	\$388,950						\$388,950

Land Acquisition							
Design							
Bid							
Award							
Construction							

FY09-14 CAPITAL IMPROVEMENT PROJECT

PROJECT TITLE:
Neighborhood Drop-Off Site Facility

RESPONSIBLE DEPARTMENT:
Solid Waste

LOCATION:
114 South 34th Street

FUNDING SOURCE:
Solid Waste Fund

PROJECT DESCRIPTION:

This project provides for the construction of a neighborhood drop-off site for the use of the citizens adjacent to the McKay Bay facility. This facility will accept bulky trash, yard waste, appliances and other items that are not collected along with the regular bi-weekly residential garbage. The facility will be secured and staffed during operating hours to alleviate potential illegal dumping activities in the area and along the surrounding road side and community.



INDEX CODE: SN0544BAE

PROJECT ID: SN-09-002

FUNDING:	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
	\$298,715						\$298,715

Land Acquisition							
Design							
Bid							
Award							
Construction							