

## FY09-14 CAPITAL IMPROVEMENT PROJECT

**PROJECT TITLE:**  
Street Maintenance

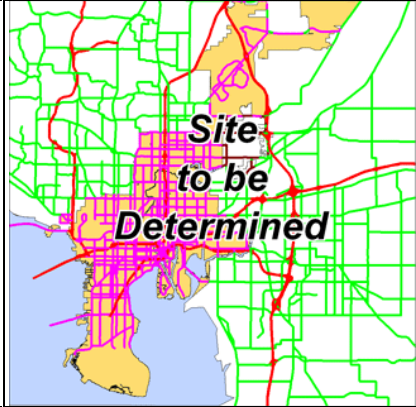
**RESPONSIBLE DEPARTMENT:**  
Public Works

**LOCATION:**  
To Be Determined

**FUNDING SOURCE:**  
Local Option Gas Tax Fund

**PROJECT DESCRIPTION:**

This project provides for resurfacing and maintenance of city-owned streets. It includes pothole repair, microsurfacing, surface treatments, in-place recycling, traditional resurfacing, and the replacement of pavement markings. The type of maintenance is determined by using the city's pavement management system which applies a pavement condition index (PCI) to individual block segments. Streets are scheduled for maintenance when a street segment or area degrades to a low PCI number indicating an unsatisfactory condition.



**INDEX CODE:** PW0536HAA

**PROJECT ID:** PW-06-035

	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
<b>FUNDING:</b>	\$2,361,440	\$2,361,440	\$2,361,440	\$2,361,440	\$2,361,440	\$2,361,440	\$14,168,640

Land Acquisition							
Design							
Bid							
Award							
Construction							

The city's street maintenance section evaluates the condition of the city-owned street network. These evaluations are indexed and streets with low pavement conditions are chosen by feedback from neighborhoods, repair requests, utility clearances, development areas, and other scheduled capital projects. Pothole repair is a customer driven activity and is addressed within seven days. Resurfacing and marking locations for FY09 will be finalized in late 2008.

## FY09-14 CAPITAL IMPROVEMENT PROJECT

**PROJECT TITLE:**  
Major Intersection Improvements

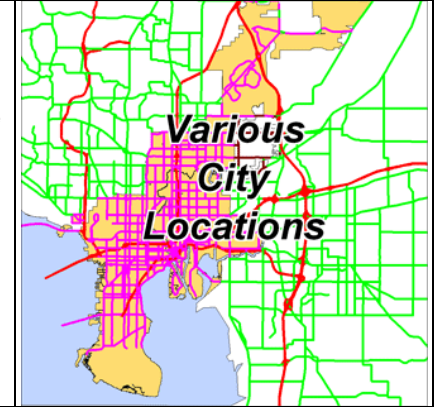
**RESPONSIBLE DEPARTMENT:**  
Public Works

**LOCATION:**  
Various - See Below

**FUNDING SOURCE:**  
Local Option Gas Tax Fund

**PROJECT DESCRIPTION:**

This project provides for the development, design, and construction of intersection improvements that require major rights-of-way acquisition and construction. Projects will provide turn lanes, traffic separators, geometric improvements, and pedestrian facilities. Improvements to the intersections will increase the traffic volume capacity of the roadway and enhance vehicular and pedestrian safety. Projects will be coordinated with the county or state where roadways intersect their jurisdiction. As certain areas develop and improve, some properties needed for intersection improvements may become available through conditions of the development order.



**INDEX CODE:** PW0536HAD

**PROJECT ID:** PW-07-036

	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
<b>FUNDING:</b>	\$1,124,080	\$1,180,284	\$1,239,299	\$1,301,264	\$1,366,327	\$1,434,643	\$7,645,897

Land Acquisition							
Design							
Bid							
Award							
Construction							

**LOCATIONS UNDER CONSIDERATION INCLUDE:**

- Gandy Boulevard at Westshore Boulevard
- Dale Mabry Highway at Dr. Martin Luther King Jr. Boulevard
- Dale Mabry Highway at Spruce Street
- Kennedy Boulevard at MacDill Avenue

## FY09-14 CAPITAL IMPROVEMENT PROJECT

**PROJECT TITLE:**  
Median Maintenance

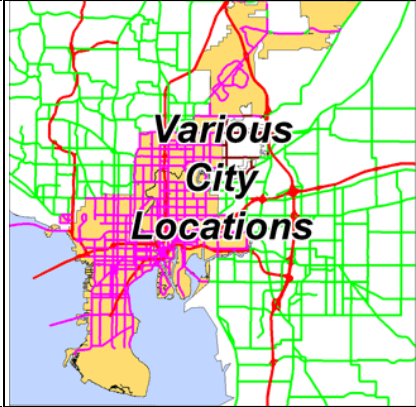
**RESPONSIBLE DEPARTMENT:**  
Public Works

**LOCATION:**  
Various - See Below

**FUNDING SOURCE:**  
Local Option Gas Tax Fund

**PROJECT DESCRIPTION:**

This project provides for maintenance of medians and grass buffers along urban roadways at various locations throughout the city. Median maintenance includes mowing, irrigating and maintaining signage, as well as installing plant material, trees, gravel, topsoil, and sand. This activity also addresses safety concerns caused by overgrown vegetation in the rights-of-way that may cause sight obstructions, but is primarily for the enhancement of the roadway and surrounding neighborhood.



**INDEX CODE:** PW0536HAG

**PROJECT ID:** PW-06-033

FUNDING:	FY09	FY10	FY11	FY12	FY13	FY14	TOTAL
	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$2,700,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

LOCATIONS UNDER CONSIDERATION INCLUDE:

- Kennedy Boulevard
- Bayshore Boulevard
- Himes Avenue
- Dr. Martin Luther King Jr. Boulevard
- Nuccio Parkway
- Westshore Boulevard
- Hillsborough Avenue
- Busch Boulevard

## FY09-14 CAPITAL IMPROVEMENT PROJECT

**PROJECT TITLE:**  
Transportation Studies

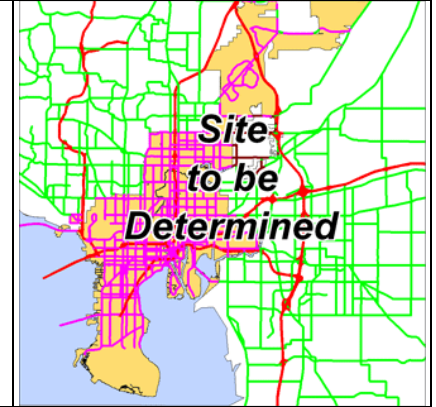
**RESPONSIBLE DEPARTMENT:**  
Public Works

**LOCATION:**  
To Be Determined

**FUNDING SOURCE:**  
Local Option Gas Tax Fund

**PROJECT DESCRIPTION:**

This project provides for traffic engineering studies to determine feasibility of capital improvement projects and engineering solutions to traffic related problems. Traffic studies may include traffic counts, turning movement studies, traffic modeling, temporary closures, and public surveys. Many of these studies are requested by local groups or businesses.



**INDEX CODE:** PW0536HAH

**PROJECT ID:** PW-06-025

FUNDING:	FY09	FY10	FY11	FY12	FY13	FY14	TOTAL
	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

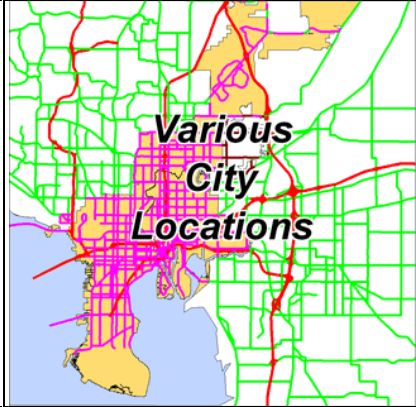
Funding may be used for, but not limited to, various neighborhood traffic studies as requested including the Transportation Code Study.

## FY09-14 CAPITAL IMPROVEMENT PROJECT

**PROJECT TITLE:** Traffic Signal Upgrading  
**RESPONSIBLE DEPARTMENT:** Public Works

**LOCATION:** Various - See Below  
**FUNDING SOURCE:** Local Option Gas Tax Fund

**PROJECT DESCRIPTION:**  
 This includes replacing or upgrading controllers, mast arms, signal heads, flashers, induction loops, pedestrian signals, and detectors at various intersections as equipment becomes obsolete or fails. This may include upgrading entire intersections at an approximate cost of \$130,000 per intersection. Intersections with more than four directions are higher in cost. The Florida department of transportation is also participating in upgrading the traffic signal control system and providing pedestrian count-down signal heads on the state road system within the city. This fund may also be used to upgrade / repair traffic camera system facilities.



**INDEX CODE:** PW0536HAL **PROJECT ID:** PW-06-011

FUNDING:	FY09	FY10	FY11	FY12	FY13	FY14	TOTAL
	\$1,071,600	\$1,071,600	\$1,071,600	\$1,071,600	\$1,071,600	\$1,071,600	\$6,429,600

Land Acquisition							
Design							
Bid							
Award							
Construction							

LOCATIONS UNDER CONSIDERATION INCLUDE:

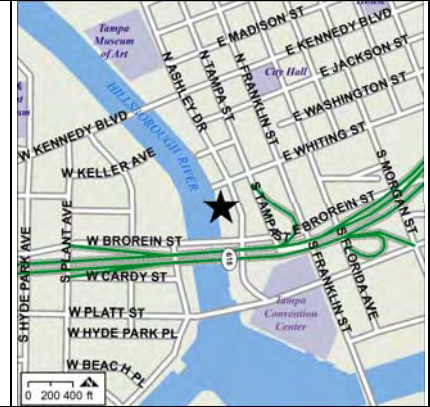
- Lois Avenue and Swann Avenue
- 17th Avenue and 15th Street
- MacDill Avenue and Spruce Street
- 15th Street and 19th Avenue

## FY09-14 CAPITAL IMPROVEMENT PROJECT

**PROJECT TITLE:** Downtown Riverwalk  
**RESPONSIBLE DEPARTMENT:** Public Works

**LOCATION:** Hillsborough Riverfront from Brorein Street to Whiting Street  
**FUNDING SOURCE:** Local Option Gas Tax Fund

**PROJECT DESCRIPTION:**  
 This project provides for a 2.2 mile pedestrian walkway along the water from the Channelside area (north side of Garrison Channel) up the Hillsborough River (east side) to North Boulevard Bridge. Funding for FY09 is needed to design the last remaining segment of the Phase 1 plan. This over water segment connects Brorein Street to Whiting Street. Once construction drawings are completed, the design of 1.4 miles of Riverwalk stretching from Beneficial Drive to Cass Street will be completed. Only 5 segments over this same stretch remain to be constructed.



**INDEX CODE:** PW0536HCR **PROJECT ID:** PW-06-072

FUNDING:	FY09	FY10	FY11	FY12	FY13	FY14	TOTAL
	\$210,000						\$210,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

## FY09-14 CAPITAL IMPROVEMENT PROJECT

**PROJECT TITLE:**  
HARTline Sidewalks Reimbursement for Streetcar Phases V through VI

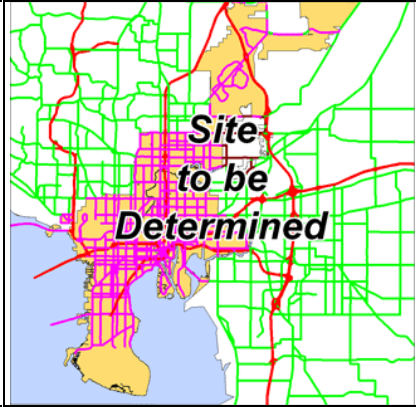
**RESPONSIBLE DEPARTMENT:**  
Public Works

**LOCATION:**  
To Be Determined

**FUNDING SOURCE:**  
Local Option Gas Tax Fund

**PROJECT DESCRIPTION:**

This project provides for the construction of new sidewalks in response to requests from schools, neighborhood organizations, and citizens. These requests are reviewed by the city and HARTline and are high priorities for both. The sidewalks provide pedestrian access to HARTline bus stops and shelters. Funding is provided for year six per an interlocal agreement between the city and HARTline covering a six year period.



**INDEX CODE:** PW0536HGF

**PROJECT ID:** PW-06-004

<b>FUNDING:</b>	<b>FY09</b>	<b>FY10</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>	<b>FY14</b>	<b>TOTAL</b>
	\$250,000						\$250,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

Locations shall be located near HARTline bus routes and identified by HARTline .

## FY09-14 CAPITAL IMPROVEMENT PROJECT

**PROJECT TITLE:**  
Traffic Signal Upgrade to LED's

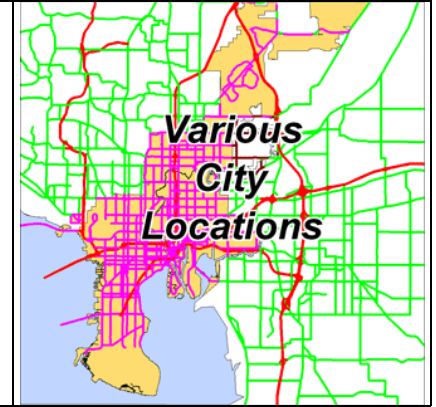
**RESPONSIBLE DEPARTMENT:**  
Public Works

**LOCATION:**  
Various - See Below

**FUNDING SOURCE:**  
Local Option Gas Tax Fund

**PROJECT DESCRIPTION:**

This project provides for the upgrade of traffic signal displays to LED (light-emitting diode) signal heads to allow for the emergency operation of signals on backup power systems. Current signals require too much power to operate on backup systems. LED traffic signals reduce power demand by 70 - 80%, enabling the use of batteries or generators as backup power sources. This project will be directed at the top 80 emergency priority intersections. These upgrades will free up Tampa police officers from traffic duty during emergency situations. The estimated cost for converting an intersection is between \$5,500 to \$7,700. The cost of this project will eventually be recovered in reduced electrical and maintenance costs.



**INDEX CODE:** PW0536HHR

**PROJECT ID:** PW-07-041

<b>FUNDING:</b>	<b>FY09</b>	<b>FY10</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>	<b>FY14</b>	<b>TOTAL</b>
	\$394,800	\$394,800	\$394,800	\$394,800	\$394,800	\$394,800	\$2,368,800

Land Acquisition							
Design							
Bid							
Award							
Construction							

80 intersections will be selected from the city's emergency signal priority list.

## FY09-14 CAPITAL IMPROVEMENT PROJECT

**PROJECT TITLE:**  
Pedestrian Crossings

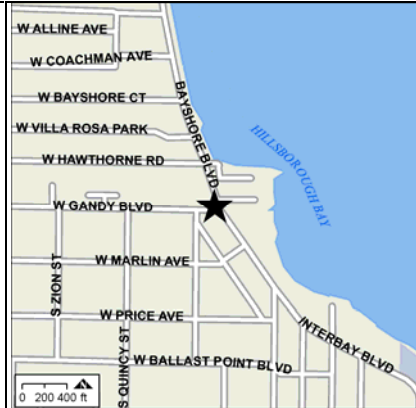
**RESPONSIBLE DEPARTMENT:**  
Public Works

**LOCATION:**  
Gandy Boulevard and Bayshore Boulevard

**FUNDING SOURCE:**  
Local Option Gas Tax Fund

**PROJECT DESCRIPTION:**

This project provides for pedestrian improvements which include countdown pedestrian signal heads, and enhanced crosswalks as well as sidewalk ramps in conformance with the Americans with Disabilities Act. The project will also include some sidewalk construction, roadway construction and signalization revisions. Countdown pedestrian signal heads provide the time remaining to cross the street before the signal changes. The intersection currently has no pedestrian ramps or pedestrian signal indication. These improvements and enhanced crosswalks will provide improved safety for pedestrians that cross this intersection. The project calls for milling/overlaying and restriping of the intersection.



**INDEX CODE:** PW0536HHT

**PROJECT ID:** PW-09-051

FUNDING:	FY09	FY10	FY11	FY12	FY13	FY14	TOTAL
	\$417,360						\$417,360

Land Acquisition							
Design							
Bid							
Award							
Construction							

## FY09-14 CAPITAL IMPROVEMENT PROJECT

**PROJECT TITLE:**  
Cass Street Bridge Deficiencies

**RESPONSIBLE DEPARTMENT:**  
Public Works

**LOCATION:**  
Cass Street and Hillsborough River

**FUNDING SOURCE:**  
Local Option Gas Tax Fund

**PROJECT DESCRIPTION:**

This project provides for rehabilitation of the city-owned Cass Street bridge structure. Included, is the repair of the substructure elements sited by the Florida department of transportation, structural support restoration of the counter balance necessary to raise and lower this movable bascule bridge. Also, included are concrete and steel improvements to the superstructure and cleaning and painting of all structural elements. All movable bridges are inspected by the Florida department of transportation on an annual basis. The Cass Street bridge rehabilitation plans were completed last year in response to notification of structural deficiencies.



**INDEX CODE:** PW0536HZ

**PROJECT ID:** PW-08-034

FUNDING:	FY09	FY10	FY11	FY12	FY13	FY14	TOTAL
	\$2,896,525	\$1,184,400					\$4,080,925

Land Acquisition							
Design							
Bid							
Award							
Construction							

## FY09-14 CAPITAL IMPROVEMENT PROJECT

**PROJECT TITLE:**  
Traffic Signal Computer and Communication Systems Upgrades

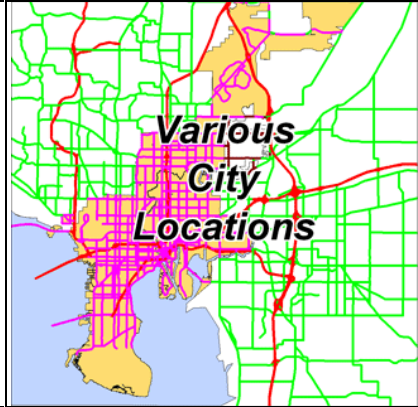
**RESPONSIBLE DEPARTMENT:**  
Public Works

**LOCATION:**  
Various - See Below

**FUNDING SOURCE:**  
Local Option Gas Tax Fund

**PROJECT DESCRIPTION:**

This project provides for upgrading the existing computer system server. The existing servers have been in operation 24 hours a day, seven days a week for nine years. They need to be replaced and the software upgraded. The project will also replace existing copper communications cable with fiber optic cable to enhance communications. Individual controller modems will also be replaced. Efficient system operation reduces delay, reduces vehicle stops and fuel consumption, and air pollution.



**INDEX CODE:** PW0536HJA

**PROJECT ID:** PW-09-021

	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
<b>FUNDING:</b>	\$349,680	\$349,680	\$349,680	\$349,680	\$349,680	\$349,680	\$2,098,080

Land Acquisition							
Design							
Bid							
Award							
Construction							

**LOCATIONS UNDER CONSIDERATION INCLUDE:**

Traffic Management Center - 1104 East Twiggs Street  
City-wide communication cable replacement at various locations

## FY09-14 CAPITAL IMPROVEMENT PROJECT

**PROJECT TITLE:**  
Bermuda Seawall Deficiencies

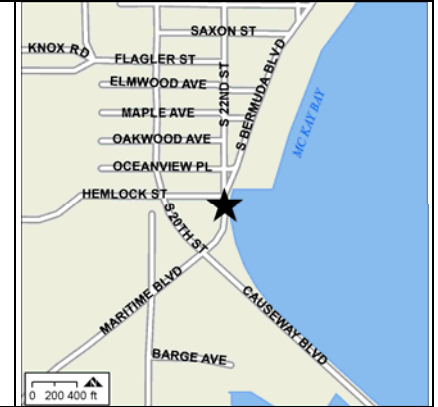
**RESPONSIBLE DEPARTMENT:**  
Public Works

**LOCATION:**  
Bermuda Boulevard

**FUNDING SOURCE:**  
Local Option Gas Tax Fund

**PROJECT DESCRIPTION:**

This project provides for improvements to the Bermuda Boulevard seawalls abutting city rights-of-way. A public involvement program will include the affected property owners along some limits of the seawall. The project may include the addition of rip-rap and / or designated placement of large boulders and erosion control systems. The seawall protects the road and all utilities within the right of way.



**INDEX CODE:** PW0536HJB

**PROJECT ID:** PW-08-043

	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
<b>FUNDING:</b>	\$230,480		\$1,967,600				\$2,198,080

Land Acquisition							
Design							
Bid							
Award							
Construction							

## FY09-14 CAPITAL IMPROVEMENT PROJECT

**PROJECT TITLE:**  
Tampa Palms Resurfacing

**RESPONSIBLE DEPARTMENT:**  
Public Works

**LOCATION:**  
Tampa Palms Neighborhood

**FUNDING SOURCE:**  
Local Option Gas Tax Fund

**PROJECT DESCRIPTION:**

This project provides for street resurfacing in the Tampa Palms area of New Tampa with the lowest pavement condition index. Tampa Palms has approximately 160,000 square yards of pavement. Much of it requires resurfacing or major patching to improve rideability and safety.



**INDEX CODE:**

**PROJECT ID:** PW-08-010

FUNDING:	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
		\$1,692,000					\$1,692,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

## FY09-14 CAPITAL IMPROVEMENT PROJECT

**PROJECT TITLE:**  
Bridge Upgrading

**RESPONSIBLE DEPARTMENT:**  
Public Works

**LOCATION:**  
To Be Determined

**FUNDING SOURCE:**  
Local Option Gas Tax Fund

**PROJECT DESCRIPTION:**

This project provides for rehabilitation of city-owned bridges. There are approximately 40 city-owned bridges. Included is the replacement of navigation lights, brakes, span locks, spill repairs, rip-rap decking, and painting. Bridge closures must be coordinated with the Coast Guard and the Army corps of engineers. The Florida department of transportation inspects non-movable bridges every two years while movable bridges and structurally deficient bridges are inspected annually. The selection of bridges to be upgraded is made after a complete inspection of all city-owned bridges, both movable and non-movable.



**INDEX CODE:**

**PROJECT ID:** PW-07-010

FUNDING:	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
		\$1,285,920	\$1,285,920	\$1,285,920	\$1,285,920	\$1,285,920	\$6,429,600

Land Acquisition							
Design							
Bid							
Award							
Construction							

## FY09-14 CAPITAL IMPROVEMENT PROJECT

**PROJECT TITLE:**  
Bayshore Boulevard Enhancement

**RESPONSIBLE DEPARTMENT:**  
Public Works

**LOCATION:**  
Bayshore Boulevard: Platt Street to Gandy Boulevard

**FUNDING SOURCE:**  
Local Option Gas Tax Fund

**PROJECT DESCRIPTION:**

This project provides for ongoing improvements on Bayshore Boulevard stemming from recommendations made by a mayor-appointed task force to improve bicycle and pedestrian safety. Funding may be used to create a bike lane, install speed indicators, change traffic and pedestrian signal and crossing configurations, provide signage to indicate routes to the Crosstown, install medians, and install additional sidewalks. Future enhancements will be provided by additional task force requests and may include bike paths and trails on segments south to Gandy Boulevard. The city plans to enter into a Local Agency Project Agreement with FDOT for the design and construction of some segments of the bike paths and sidewalks.



**INDEX CODE:**

**PROJECT ID:** PW-06-040

FUNDING:	FY09	FY10	FY11	FY12	FY13	FY14	TOTAL
	\$1,250,000	\$1,250,000	\$1,250,000				\$3,750,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

## FY09-14 CAPITAL IMPROVEMENT PROJECT

**PROJECT TITLE:**  
Street Resurfacing

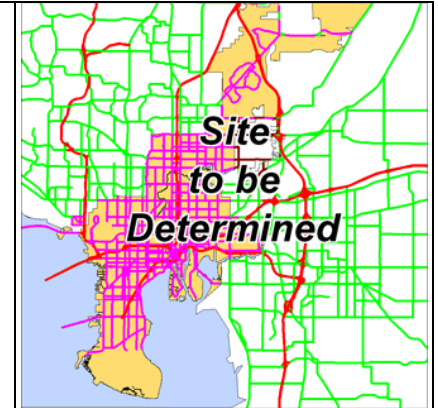
**RESPONSIBLE DEPARTMENT:**  
Public Works

**LOCATION:**  
To Be Determined

**FUNDING SOURCE:**  
Local Option Gas Tax Fund

**PROJECT DESCRIPTION:**

This project provides for proper pavement management of the 16,000 street segments in the road network of the City of Tampa. All locations are studied by field inspection and a Pavement Condition Index (PCI) is determined for each street segment. Locations are prioritized to effectively utilize funding resources and minimize citizen complaints. Local, collector and arterial streets are balanced and design of the proper maintenance strategy is based on the infrastructure condition and will vary from minor surface treatments to major reconstruction. The goal is to maintain the overall network condition above the acceptable level and there-by reduce overall costs.



**INDEX CODE:**

**PROJECT ID:** PW-09-018

FUNDING:	FY09	FY10	FY11	FY12	FY13	FY14	TOTAL
	\$1,000,000	\$1,050,000	\$1,050,000	\$1,102,500	\$1,157,625	\$1,215,506	\$5,525,631

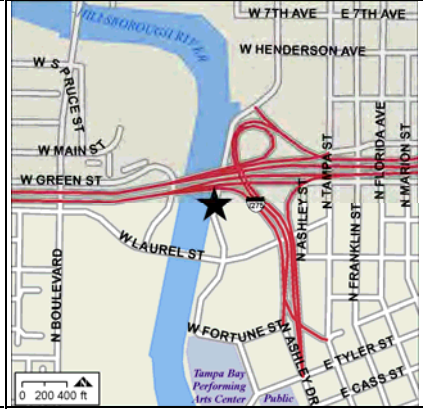
Land Acquisition							
Design							
Bid							
Award							
Construction							

## FY09-14 CAPITAL IMPROVEMENT PROJECT

**PROJECT TITLE:** Seawall Improvement from Cass Street Bridge to the North Boulevard Bridge  
**RESPONSIBLE DEPARTMENT:** Public Works

**LOCATION:** Hillsborough River from Cass Street Bridge to the North of Boulevard Bridge  
**FUNDING SOURCE:** Local Option Gas Tax Fund

**PROJECT DESCRIPTION:**  
 This project provides for improvements of sections of the Hillsborough River seawall abutting city rights-of-way. The project may include repair of the sheet pile, pile cap, the addition of rip-rap, spalling repair, or erosion control systems. The seawall protects the roads and all utilities within the right of way.



**INDEX CODE:** **PROJECT ID:** PW-09-056

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

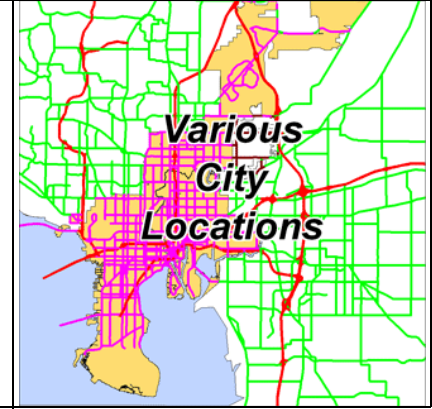
Land Acquisition							
Design							
Bid							
Award							
Construction							

## FY09-14 CAPITAL IMPROVEMENT PROJECT

**PROJECT TITLE:** Video Detection Installation  
**RESPONSIBLE DEPARTMENT:** Public Works

**LOCATION:** Various - See Below  
**FUNDING SOURCE:** Local Option Gas Tax Fund

**PROJECT DESCRIPTION:**  
 This project provides for the installation of vehicle detection devices at the city's busiest intersections to replace the detection loops embedded in pavement at each leg of the intersection. When there is construction at an intersection or a pothole occurs over a loop, it will destroy the detection loops in the pavement thus affecting the operation of the traffic signal. The replacement of these loops is very labor intensive. Although initial installation cost is higher, installing video detection systems at intersections with detector loop damage, would be more cost effective over time and would provide better traffic signal functionality.



**INDEX CODE:** **PROJECT ID:** PW-09-020

FUNDING:	FY09	FY10	FY11	FY12	FY13	FY14	TOTAL
		\$394,800	\$394,800	\$394,800	\$394,800	\$394,800	\$1,974,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

25 intersections will be selected from the city's emergency priority list.

## FY09-14 CAPITAL IMPROVEMENT PROJECT

**PROJECT TITLE:**  
Minor Intersection Improvements

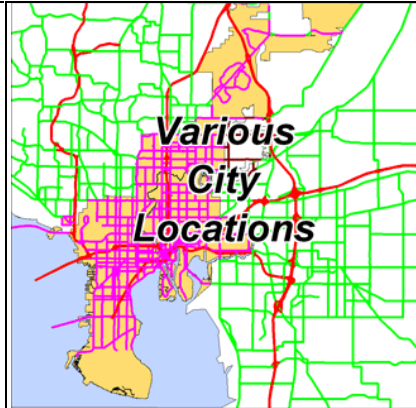
**RESPONSIBLE DEPARTMENT:**  
Public Works

**LOCATION:**  
Various - See Below

**FUNDING SOURCE:**  
Local Option Gas Tax Fund

**PROJECT DESCRIPTION:**

This project provides for minor intersection improvements such as turn lanes, lane dividers, corner clips, loading lanes, and other geometric improvements that require minor amounts of right-of-way acquisition at intersections needing capacity or safety-related improvements. Full investigation and analysis of each intersection is performed to determine the improvements required and the adjoining right-of-way needed. Some minor intersection improvements can be designed and built within a single fiscal year while others may be multi-year projects.



**INDEX CODE:** PROJECT ID: PW-07-030

FUNDING:	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
	\$324,080	\$1,046,000	\$1,046,000	\$1,046,000	\$1,046,000	\$1,046,000	\$4,508,080

Land Acquisition							
Design							
Bid							
Award							
Construction							

LOCATIONS UNDER CONSIDERATION INCLUDE:

- Euclid Avenue and MacDill Avenue
- Other locations throughout the city on an as-needed basis (not involving right-of-way procurement)

## FY09-14 CAPITAL IMPROVEMENT PROJECT

**PROJECT TITLE:**  
New Signal Installation

**RESPONSIBLE DEPARTMENT:**  
Public Works

**LOCATION:**  
Linebaugh Avenue and 22nd Street

**FUNDING SOURCE:**  
Local Option Gas Tax Fund

**PROJECT DESCRIPTION:**

This project provides for the installation of signal controllers, mast arms, signal heads, flashers, induction loops, and detectors at previously unsignalized intersections. These locations are determined by review of accident history, traffic volume, and proximity to schools, work and recreation areas that create high volume traffic at peak times. Before new traffic signals can be installed they must meet the conditions outlined in Manual on Uniform Traffic Control Devices. These are national guidelines for signal installations. They are established by the Federal Highway Administration and are endorsed by the Florida department of transportation. These funds may also be used for new traffic camera installation.



**INDEX CODE:** PROJECT ID: PW-06-015

FUNDING:	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
	\$253,800	\$253,800	\$253,800	\$253,800	\$253,800	\$253,800	\$1,269,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

## FY09-14 CAPITAL IMPROVEMENT PROJECT

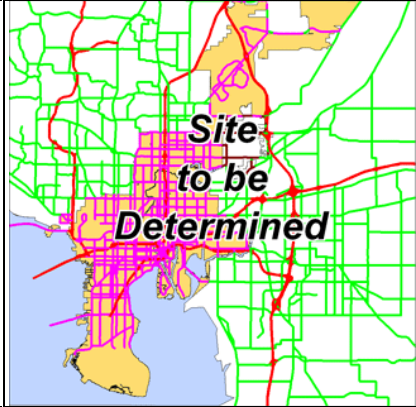
**PROJECT TITLE:**  
Thermoplastic Pavement Markings

**RESPONSIBLE DEPARTMENT:**  
Public Works

**LOCATION:**  
To Be Determined

**FUNDING SOURCE:**  
Local Option Gas Tax Fund

**PROJECT DESCRIPTION:**  
This project provides for the installation of long-line striping, raised pavement markings, and internal island crosshatching. The goal of this project is to maintain traffic markings so that they will be clearly visible to motorists during all driving conditions. These markings will be installed on city-maintained arterial and collector roads. Work will be performed by a contractor with city employee assistance and inspection. Markings will be maintained in accordance with the Manual on Uniform Traffic Control Devices.



**INDEX CODE:** PROJECT ID: PW-09-012

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

Land Acquisition							
Design							
Bid							
Award							
Construction							

## FY09-14 CAPITAL IMPROVEMENT PROJECT

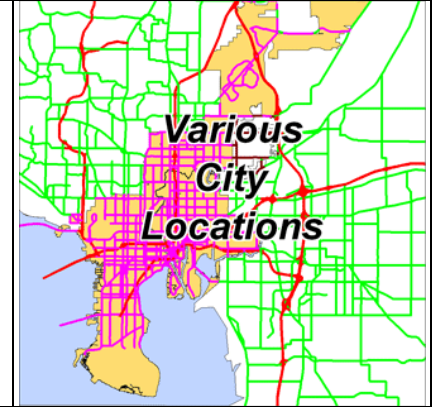
**PROJECT TITLE:**  
Seawall Improvements

**RESPONSIBLE DEPARTMENT:**  
Public Works

**LOCATION:**  
Various - See Below

**FUNDING SOURCE:**  
Local Option Gas Tax Fund

**PROJECT DESCRIPTION:**  
This project provides for improvements of various seawalls abutting city rights-of-way. A public involvement program will include the affected property owners along some limits of the seawall. A project may include repair of the sheet pile, pile cap or the addition of rip-rap. There are some segments of seawall that are in such bad state of repair that there is an expectation that sections of wall will fail with the next severe storm and storm surge. The seawall protects the road and all utilities within the right of way.



**INDEX CODE:** PROJECT ID: PW-07-009

FUNDING:	FY09	FY10	FY11	FY12	FY13	FY14	TOTAL
		\$236,880	\$236,880	\$236,880	\$236,880	\$236,880	\$1,184,400

Land Acquisition							
Design							
Bid							
Award							
Construction							

LOCATIONS UNDER CONSIDERATION INCLUDE:

- Channel Drive
- Davis Boulevard
- Bayshore Boulevard seawall segments along the Hillsborough River
- segments west of Westshore Boulevard

## FY09-14 CAPITAL IMPROVEMENT PROJECT

**PROJECT TITLE:**  
Intelligent Transportation Systems

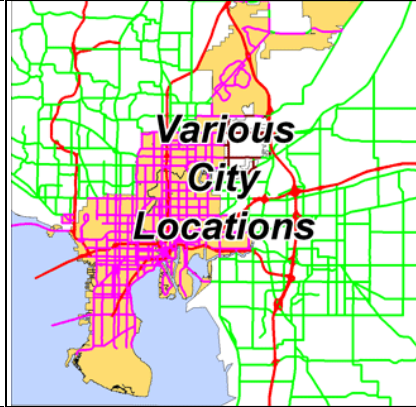
**RESPONSIBLE DEPARTMENT:**  
Public Works

**LOCATION:**  
Various - See Below

**FUNDING SOURCE:**  
Local Option Gas Tax Fund

**PROJECT DESCRIPTION:**

This project provides for installation of cameras, variable message signs, and fiber optic cable with software that will enable the city to optimize signal timing. It will also allow the city to manage traffic during peak traffic periods and traffic incidents at constrained roadways where physical and geometric improvements may not be feasible. Commercial districts will be linked to the Florida department of transportation's fiber optic system when it is completed.



**INDEX CODE:**

**PROJECT ID:** PW-07-022

FUNDING:	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
	\$69,200	\$69,200	\$69,200	\$69,200	\$69,200	\$69,200	\$346,000

Land Acquisition							
Design							
Bid							
Award							
Construction							

LOCATIONS UNDER CONSIDERATION INCLUDE:

- Armenia Avenue and Dr. Martin Luther King Jr. Boulevard
- Howard Avenue and Swann Avenue
- Ashley Drive and Polk Street
- Fowler Avenue and 30th Street
- New Tampa area

## FY09-14 CAPITAL IMPROVEMENT PROJECT

**PROJECT TITLE:**  
Brorain Street Bridge Deficiencies

**RESPONSIBLE DEPARTMENT:**  
Public Works

**LOCATION:**  
Brorain Street Bridge

**FUNDING SOURCE:**  
Local Option Gas Tax Fund

**PROJECT DESCRIPTION:**

This project provides for the rehabilitation of city owned bridge structures. Included is the replacement of navigation lights, brakes, span locks, spall repairs, riprap, decking, and cleaning and painting all structural steels. The selection of bridges to be upgraded is made after a complete inspection of all city owned bridges, both movable and non-movable. Bridge closures must be coordinated with the Coast Guard and the United States Army corps of engineers. Movable bridges are inspected by the Florida department of transportation annually.



**INDEX CODE:**

**PROJECT ID:** PW-08-003

FUNDING:	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
				\$4,026,960			\$4,026,960

Land Acquisition							
Design							
Bid							
Award							
Construction							



## FY09-14 CAPITAL IMPROVEMENT PROJECT

**PROJECT TITLE:**  
22nd Street: Lake Avenue to Dr. Martin Luther King Jr. Boulevard Enhancements

**RESPONSIBLE DEPARTMENT:**  
Public Works

**LOCATION:**  
22nd Street: Lake Avenue to Dr. Martin Luther King Jr. Boulevard

**FUNDING SOURCE:**  
Local Option Gas Tax Fund

**PROJECT DESCRIPTION:**  
This project provides for the enhancement of North 22nd Street, from to East Lake Avenue to Dr. Martin Luther King Jr. Boulevard. The section is striped as a predominantly two-lane undivided highway with turn lanes at signalized intersections. The improvements will be accomplished within the right-of-way. Continuity of sidewalks is very important because of high pedestrian traffic. Due to the surrounding uses of the corridor which includes several schools, the addition of wide outside-lanes for bicycles is also recommended. The city's concept plan for the corridor includes adding landscaping, curbs and sidewalks on the east right-of-way, significantly beautifying the roadway. The project improvements would also include lighting improvements and the landscaping of community icons. Landscaping improvements include sod, small trees, shrubbery, and decorative beds of attractive ground cover.



**INDEX CODE:** PROJECT ID: PW-08-040

FUNDING:	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
			\$1,780,929				\$1,780,929

Land Acquisition							
Design							
Bid							
Award							
Construction							

## FY09-14 CAPITAL IMPROVEMENT PROJECT

**PROJECT TITLE:**  
40th Street Roadway Improvements

**RESPONSIBLE DEPARTMENT:**  
Public Works

**LOCATION:**  
40th Street: Hillsborough Avenue to Busch Boulevard Roadway Improvements

**FUNDING SOURCE:**  
Local Option Gas Tax FY99 Bond Construction Fund

**PROJECT DESCRIPTION:**  
This project provides for the continued widening of 40th Street which expands 40th Street from two to four lanes from Hillsborough Avenue to Fowler Avenue and has been broken into five segments. The third segment, from Hanna Avenue to Hanlon Street, includes the construction of a new four lane bridge to replace the aging two lane existing bridge over the Hillsborough River which is expected in to be complete in fall 2008. The fourth segment which runs from River Pines Apartments to Humphrey Street, is expected to commence in late 2008. Right-of-way for segment the fifth is being acquired.



**INDEX CODE:** PROJECT ID: PW-09-062

FUNDING:	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>TOTAL</u>
	\$1,750,000						\$1,750,000

Land Acquisition							
Design							
Bid							
Award							
Construction							