

FY05-10 CAPITAL IMPROVEMENT PROJECT

TITLE:

STORMWATER IMPROVEMENTS

LOCATION:

VARIOUS - SEE BELOW

RESPONSIBLE DEPARTMENT:

STORMWATER

DESCRIPTION:

THIS PROJECT PROVIDES FOR PLANNING, DESIGN AND CONSTRUCTION OF CAPITAL IMPROVEMENT PROJECTS TO REHABILITATE AND RETROFIT STORM SEWERS. FUNDING ALSO PROVIDES FOR CONSULTING AND TESTING SERVICES, LEGAL SERVICES, CONCRETE STRUCTURES, CURBING, AND LAND/EASEMENT ACQUISITION. ALSO INCLUDES RELOCATION OF PIPES UNDER STRUCTURES AND MINOR EMERGENCY SYSTEM IMPROVEMENTS.

FUNDING SOURCE:

STORMWATER FUND

INDEX CODE:

ST50172AV

| FY05 | FY06 | FY07 | FY08 | FY09 | FY10 | TOTAL |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| \$1,340,000 | \$1,325,000 | \$1,325,000 | \$1,325,000 | \$1,325,000 | \$1,325,000 | \$7,965,000 |

LOCATIONS UNDER CONSIDERATION INCLUDE:

LOCATIONS FOR FY05 WILL BE DETERMINED ON AN AS NEEDED BASIS.

PIPE RELOCATIONS AND OTHER REQUIREMENTS ARE DETERMINED AS CONFLICTS ARE IDENTIFIED.

FY05-10 CAPITAL IMPROVEMENT PROJECT

TITLE:

SEDIMENT FILTRATION DEVICES

LOCATION:

VARIOUS - SEE BELOW

RESPONSIBLE DEPARTMENT:

STORMWATER

DESCRIPTION:

THIS PROJECT PROVIDES FOR THE INSTALLATION OF TWO OR MORE SEDIMENT TRAPS. THESE TRAPS WILL BE DESIGNED TO REMOVE BETWEEN SIXTY AND EIGHTY PERCENT OF THE TOTAL SUSPENDED SOLIDS (TSS) FROM THE STORMWATER ENTERING THEM. THE TRAPS ARE PLACED AS RETROFITS TO EXISTING 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.

FUNDING SOURCE:

STORMWATER FUND

INDEX CODE:

ST50172DC

| <u>FY05</u> | <u>FY06</u> | <u>FY07</u> | <u>FY08</u> | <u>FY09</u> | <u>FY10</u> | <u>TOTAL</u> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| \$160,000 | | | | | | \$160,000 |

LOCATIONS UNDER CONSIDERATION INCLUDE:

THE EXISTING STORMWATER PIPE SYSTEMS WILL BE EVALUATED FOR POTENTIAL RETROFIT WITH SPECIFIC LOCATIONS TO BE DETERMINED BASED ON THE EVALUATIONS.

FY05-10 CAPITAL IMPROVEMENT PROJECT

TITLE:

SOUTH COURT DRIVE DRAINAGE SYSTEM

LOCATION:

6708-6734 SOUTH COURT DRIVE

RESPONSIBLE DEPARTMENT:

STORMWATER

DESCRIPTION:

THIS PROJECT PROVIDES FOR A DRAINAGE SYSTEM TO A NEIGHBORHOOD, WHICH WAS PLATTED MANY YEARS AGO WITHOUT THE BENEFIT OF INFRASTRUCTURE. RESIDENCES HAVE BEEN CONSTRUCTED IN THIS AREA, BUT LACK CITY FACILITIES. NEW INLETS AND PIPE WILL DRAIN THIS AREA TO AN EXISTING DITCH SYSTEM ON DAUPHIN AVENUE. THIS PROJECT ALSO PROVIDES AN OPPORTUNITY FOR OTHER INFRASTRUCTURE IMPROVEMENTS SUCH AS STREET PAVING AND WASTEWATER SERVICE.

FUNDING SOURCE:
STORMWATER FUND

INDEX CODE:
ST50172DE

| <u>FY05</u> | <u>FY06</u> | <u>FY07</u> | <u>FY08</u> | <u>FY09</u> | <u>FY10</u> | <u>TOTAL</u> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| \$130,000 | | | | | | \$130,000 |

MAP LOCATION:



FY05-10 CAPITAL IMPROVEMENT PROJECT

TITLE:

FLOODING RELIEF PROJECTS

LOCATION:

VARIOUS - SEE BELOW

RESPONSIBLE DEPARTMENT:

STORMWATER

DESCRIPTION:

THIS PROJECT ADDRESSES FLOODING AT VARIOUS LOCATIONS THROUGHOUT THE CITY. THE PROJECT COMBINES SEVERAL OF THE LESS COSTLY SOLUTIONS FOR ISOLATED FLOODING INTO ONE CONTRACT, THUS BENEFITING FROM ECONOMY OF SCALE. PLANS WILL BE DEVELOPED AND BID TO A CONTRACTOR, WHO WILL SCHEDULE CONSTRUCTION BY PRIORITY. ALL OF THE PROBLEMS TO BE ADDRESSED BY THIS PROJECT ARE HIGH ON THE STORMWATER DEPARTMENT'S LIST OF PRIORITY FLOODING RELIEF LOCATIONS.

FUNDING SOURCE:

STORMWATER FUND

INDEX CODE:

ST50172DG

| <u>FY05</u> | <u>FY06</u> | <u>FY07</u> | <u>FY08</u> | <u>FY09</u> | <u>FY10</u> | <u>TOTAL</u> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| \$400,000 | | | | | | \$400,000 |

LOCATIONS UNDER CONSIDERATION INCLUDE:

BAYSHORE BOULEVARD AND CARDY STREET
 HIGHLAND AVENUE NORTH OF FLORIDA AVENUE
 1417 EAST HOLLAND STREET
 NORTH STREET EAST OF PACKWOOD AVENUE
 ANNETTE AVENUE NORTH OF FLORA DRIVE
 ROLAND STREET AT HUBERT STREET

FY05-10 CAPITAL IMPROVEMENT PROJECT

TITLE:

21ST AVENUE: 42ND STREET TO 46TH STREET PIPE REHABILITATION

LOCATION:

4200-4600 21ST AVENUE

RESPONSIBLE DEPARTMENT:

STORMWATER

DESCRIPTION:

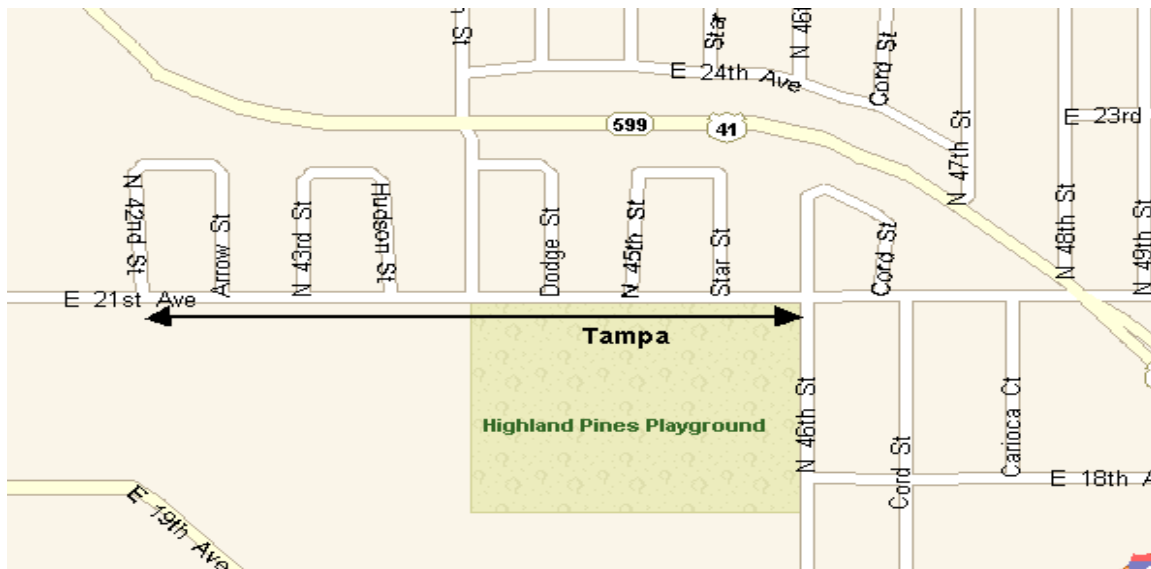
THIS PROJECT PROVIDES FOR THE REHABILITATION OF 650 LINEAR FEET OF 18-INCH REINFORCED CONCRETE PIPE, 780 LINEAR FEET OF 19X30-INCH ELLIPTICAL REINFORCED CONCRETE PIPE AND 600 LINEAR FEET OF 24X38-INCH ELLIPTICAL REINFORCED CONCRETE PIPE. THESE PIPES REQUIRE FREQUENT MAINTENANCE DUE TO SOIL INTRUSION INTO LEAKING PIPE JOINTS. THE UTILIZATION OF NO-DIG METHODS ELIMINATES THE NEED TO DIG UP THE ENTIRE ROADWAY, GREATLY REDUCING RESTORATION COSTS AND MINIMIZING DISRUPTION TO THE NEIGHBORHOOD.

FUNDING SOURCE:
STORMWATER FUND

INDEX CODE:
ST50172DK

| <u>FY05</u> | <u>FY06</u> | <u>FY07</u> | <u>FY08</u> | <u>FY09</u> | <u>FY10</u> | <u>TOTAL</u> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| \$315,000 | | | | | | \$315,000 |

MAP LOCATION:



FY05-10 CAPITAL IMPROVEMENT PROJECT

TITLE:

WEST TAMPA ELEMENTARY SCHOOL DRAINAGE IMPROVEMENTS

LOCATION:

2200-2404 NORTH HABANA AVENUE

RESPONSIBLE DEPARTMENT:

STORMWATER

DESCRIPTION:

THIS PROJECT PROVIDES FOR THE CONSTRUCTION OF A STORMWATER SYSTEM PIPE LATERAL ON HABANA AVENUE FROM BEACH STREET TO WALNUT STREET. INLETS ALONG THIS SYSTEM WILL MORE EFFICIENTLY DRAIN STORMWATER OFF THE STREET AND WILL IMPROVE TRAFFIC AND PEDESTRIAN SAFETY. A PRE-APPLICATION CONFERENCE WITH THE SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWMD) HAS BEEN HELD, AND PERMIT REQUIREMENTS WILL BE MET BY THE PROPOSED PROJECT. THIS PROJECT IS THE SECOND PHASE OF A MULTI-PHASE EFFORT TO IMPROVE DRAINAGE IN THIS NEIGHBORHOOD.

FUNDING SOURCE:

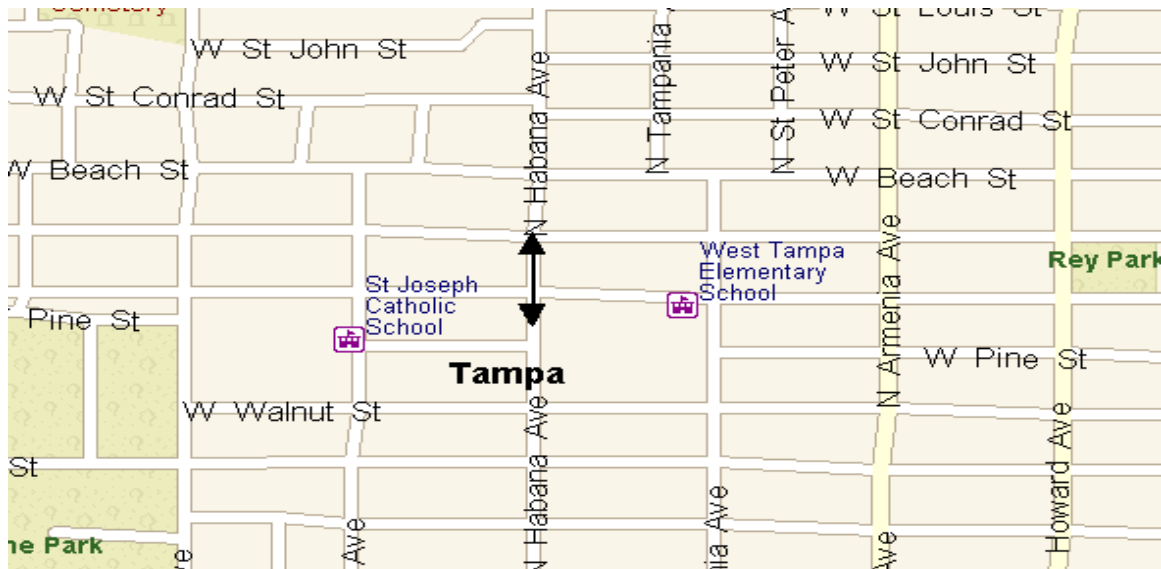
STORMWATER FUND

INDEX CODE:

ST50172DM

| <u>FY05</u> | <u>FY06</u> | <u>FY07</u> | <u>FY08</u> | <u>FY09</u> | <u>FY10</u> | <u>TOTAL</u> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| \$575,000 | \$225,000 | \$350,000 | | | | \$1,150,000 |

MAP LOCATION:



FY05-10 CAPITAL IMPROVEMENT PROJECT

TITLE:

EASEMENT ACQUISITION

LOCATION:

3517 SOUTH SAN MIGUEL STREET

RESPONSIBLE DEPARTMENT:

STORMWATER

DESCRIPTION:

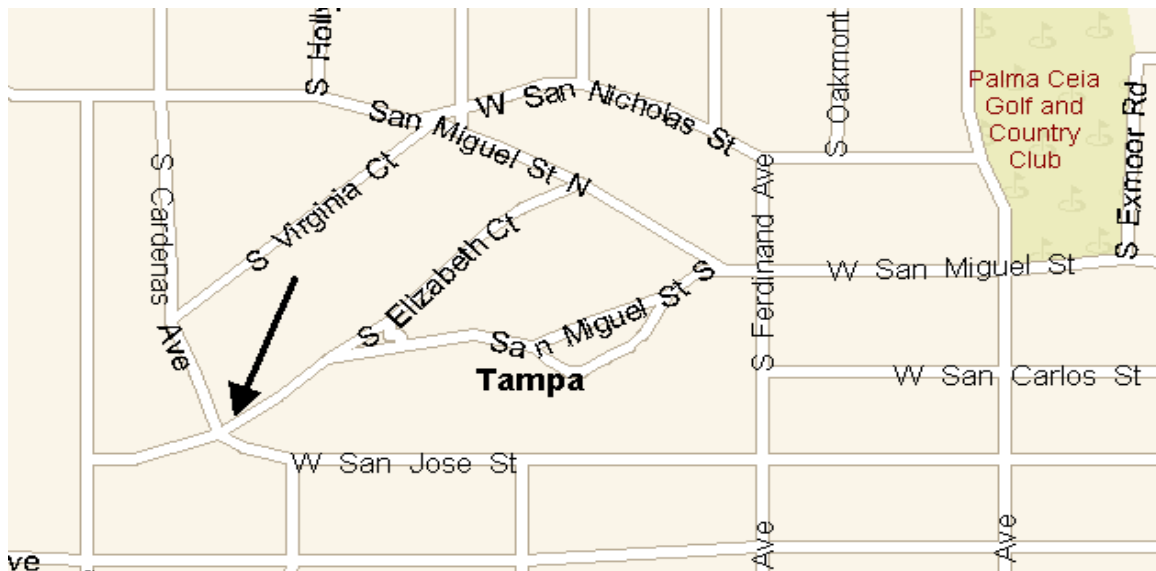
THIS PROJECT PROVIDES FOR THE ACQUISITION OF A DRAINAGE EASEMENT FOR AN EXISTING 36-INCH STORMWATER CONVEYANCE, AND A WATER DEPARTMENT LINE RUNNING PARALLEL THROUGH THE PROPERTY AT THIS LOCATION.

FUNDING SOURCE:
STORMWATER FUND

INDEX CODE:
ST50172DP

| <u>FY05</u> | <u>FY06</u> | <u>FY07</u> | <u>FY08</u> | <u>FY09</u> | <u>FY10</u> | <u>TOTAL</u> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| \$150,000 | | | | | | \$150,000 |

MAP LOCATION:



FY05-10 CAPITAL IMPROVEMENT PROJECT

TITLE:

LAKE EDNA IMPROVEMENTS

LOCATION:

1712 BEDINGFIELD DRIVE

RESPONSIBLE DEPARTMENT:

STORMWATER

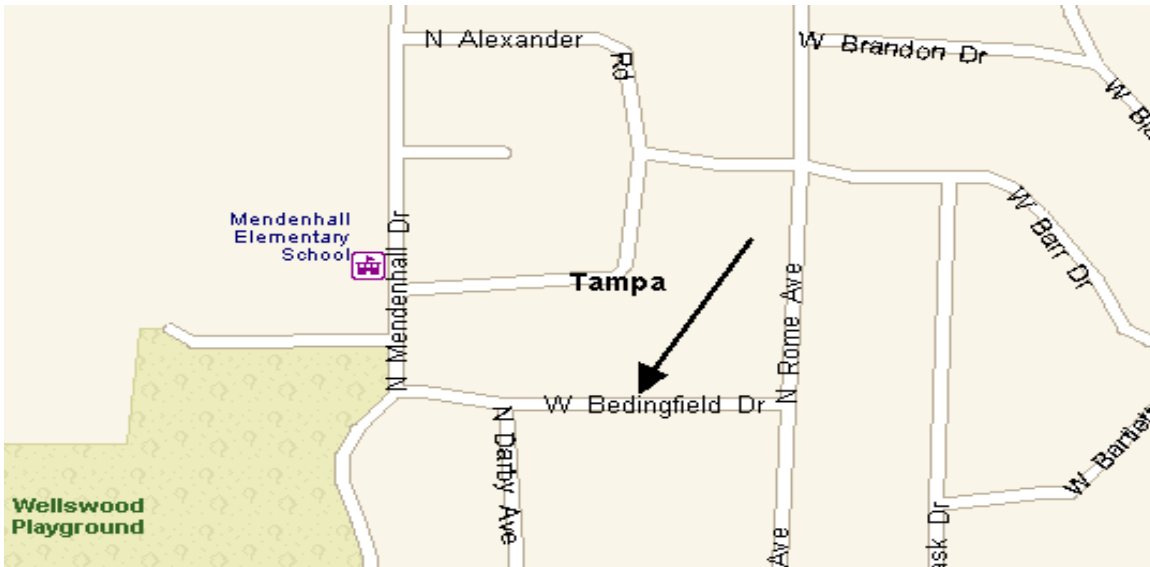
DESCRIPTION:

THIS PROJECT PROVIDES FOR IMPROVEMENTS TO LAKE EDNA, LOCATED WITHIN THE WELLSWOOD NEIGHBORHOOD. IMPROVEMENTS INCLUDE THE REMOVAL OF AQUATIC VEGETATION AND SEDIMENTS FROM THE LAKE BOTTOM. THE CITY HAS BEEN WORKING WITH RESIDENTIAL PROPERTY OWNERS ON THE LAKE TO ACQUIRE EASEMENTS. THESE EASEMENTS WILL ALLOW THE CITY TO MAKE THE PROPOSED IMPROVEMENTS AND PROVIDE THE NECESSARY ACCESS FOR FUTURE MAINTENANCE.

| | |
|---|---------------------------------|
| FUNDING SOURCE: STORMWATER FUND | INDEX CODE: ST50172DR |
|---|---------------------------------|

| <u>FY05</u> | <u>FY06</u> | <u>FY07</u> | <u>FY08</u> | <u>FY09</u> | <u>FY10</u> | <u>TOTAL</u> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| \$420,000 | | | | | | \$420,000 |

MAP LOCATION:



FY05-10 CAPITAL IMPROVEMENT PROJECT

TITLE:

NEPTUNE STREET: GRADY AVENUE TO MANHATTAN AVENUE BOX CULVERT REPLACEMENT

LOCATION:

4001-4406 NEPTUNE STREET

RESPONSIBLE DEPARTMENT:

STORMWATER

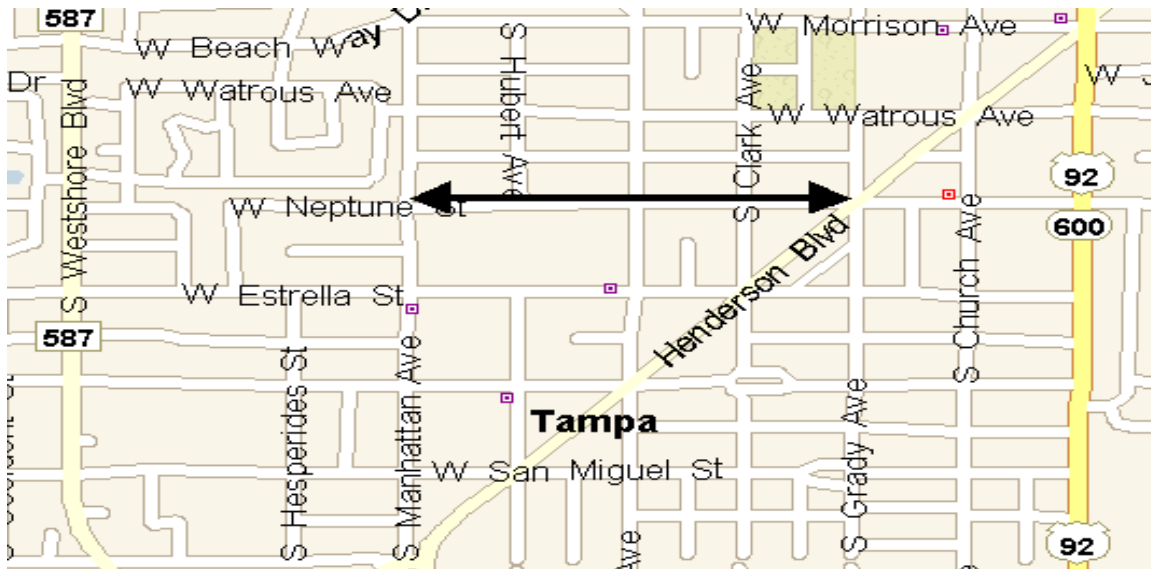
DESCRIPTION:

THIS PROJECT PROVIDES FOR THE REPLACEMENT OF 2,600 LINEAR FEET OF FAILING COVERED CONCRETE FLUME ON NEPTUNE STREET FROM GRADY AVENUE TO MANHATTAN AVENUE. THE INTEGRITY OF THE EXISTING FLUME/CULVERT IS SEVERELY COMPROMISED BY INTRUSIONS OF TREE ROOTS AND CRACKS DUE TO THE AGE OF THE STRUCTURE. RELOCATION OF THE SYSTEM TO THE STREET WILL AVOID IMPACTS TO MANY OAK TREES AND WILL REQUIRE REPLACEMENT OF A GRAVITY WASTEWATER LINE.

| | |
|---|---------------------------------|
| FUNDING SOURCE: STORMWATER FUND | INDEX CODE: ST50172DS |
|---|---------------------------------|

| <u>FY05</u> | <u>FY06</u> | <u>FY07</u> | <u>FY08</u> | <u>FY09</u> | <u>FY10</u> | <u>TOTAL</u> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| \$400,000 | \$400,000 | \$350,000 | | | | \$1,150,000 |

MAP LOCATION:



FY05-10 CAPITAL IMPROVEMENT PROJECT

TITLE:

STORMWATER CULVERT REHABILITATION

LOCATION:

VARIOUS

RESPONSIBLE DEPARTMENT:

STORMWATER

DESCRIPTION:

THIS PROJECT PROVIDES FOR THE REHABILITATION OF MINOR DITCH AND CULVERT CONVEYANCES. PERIODIC IMPROVEMENTS TO THESE SYSTEMS ARE NECESSARY TO ENSURE PROPER NEIGHBORHOOD DRAINAGE. MINOR DITCHES AND CULVERTS ARE AN INTEGRAL PART OF THE CITY'S DRAINAGE SYSTEM.

FUNDING SOURCE:

STORMWATER FUND

INDEX CODE:

| <u>FY05</u> | <u>FY06</u> | <u>FY07</u> | <u>FY08</u> | <u>FY09</u> | <u>FY10</u> | <u>TOTAL</u> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| | \$1,085,000 | \$1,478,750 | \$1,478,750 | \$1,478,750 | \$1,478,750 | \$7,000,000 |

FY05-10 CAPITAL IMPROVEMENT PROJECT

TITLE:

STORMWATER SYSTEM REHABILITATION

LOCATION:

VARIOUS

RESPONSIBLE DEPARTMENT:

STORMWATER

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.

FUNDING SOURCE:

STORMWATER FUND

INDEX CODE:

| <u>FY05</u> | <u>FY06</u> | <u>FY07</u> | <u>FY08</u> | <u>FY09</u> | <u>FY10</u> | <u>TOTAL</u> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| | \$855,000 | \$911,250 | \$911,250 | \$911,250 | \$911,250 | \$4,500,000 |