

**TOWN OF LOVETTSVILLE
FY '13 - FY '17 FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT TITLE: Broad Way Streetscape Improvements: Phase 1 - Park Place to Community Center

PROJECT NUMBER: 1

STAFF RESPONSIBILITY:

Town Manager
Project Manager
Zoning Administrator / Planner

CONSULTING/ENG. SUPPORT: PHR+A, KDR, Utility Professionals

PROJECT DESCRIPTION:

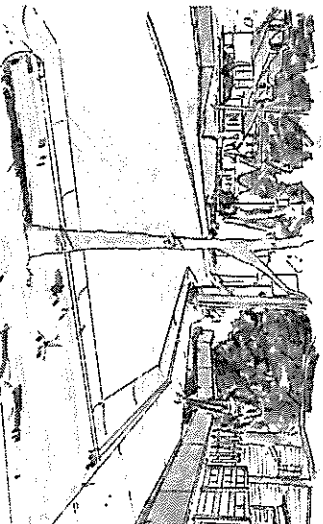
To provide pedestrian accessibility and enhance overall aesthetics, streetscape improvements are needed along East Broad Way. The Streetscape Master Plan for E. Broad Way and S. Loudoun Street was completed in 2009. Phase I will involve streetscape improvements for East Broad Way between Park Place and the Lovettsville Community Center. Phase I improvements will include curb, gutter and underground storm sewers, sidewalk on the north side of the road, and street trees, lighting and limited on-street parking. The project will also include replacement of the Transit waterline at time of construction. This cost is reflected in the separate Water Line Replacement Project. The project will require easements and/or right of way from properties along the road way. Some of the utility poles will also require relocation. In December of 2010 the Town Council borrowed money through the VML/VACO bond pool to fund this project.

TOTAL COST SUMMARY:

SOURCE OF FUNDING:

CDBG Grant \$ 80,000
Debt Financing \$ 1,620,000

FY13 COST (\$): \$ 350,000
TOTAL PROJECT COST (\$): \$ 1,750,000



<u>Total Expenses</u>	<u>Total Spent thru</u>		<u>Total 5 Year Budget</u>	<u>Year 1 Budget (FY 13)</u>	<u>Year 2 Budget (FY 14)</u>	<u>Year 3 Budget (FY 15)</u>	<u>Year 4 Budget (FY 16)</u>	<u>Year 5 Budget (FY 17)</u>
	<u>FY 12</u>	<u>FY 13</u>						
\$ 215,000	\$ 175,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -
\$ 360,000	\$ 50,000	\$ 310,000	\$ 310,000	\$ 310,000	\$ 575,000	\$ 600,000	\$ -	\$ -
<u>\$ 1,175,000</u>	<u>\$ -</u>	<u>\$ 1,175,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 575,000</u>	<u>\$ 600,000</u>	<u>\$ -</u>	<u>\$ -</u>
Total Project Cost	\$ 1,750,000	\$ 225,000	\$ 1,525,000	\$ 350,000	\$ 575,000	\$ 600,000	\$ -	\$ -

*Design and Engineering
ROW/Utility Planning
Construction (incl utility relocate & insps)*

**TOWN OF LOVETTSVILLE
FY '13 - FY '17 FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT TITLE: Broad Way Streetscape Improvements: Phase II - Park Place to the Town Square

PROJECT NUMBER: 2

STAFF RESPONSIBILITY: Town Manager
Project Manager

CONSULTING/ENG. SUPPORT: TBD

PROJECT DESCRIPTION:
To provide pedestrian accessibility and enhance overall aesthetics, streetscape improvements are needed along East Broad Way. The Streetscape Master Plan for E. Broad Way and S. Loudoun Street was completed in 2009. Phase II will involve streetscape improvements for East Broad Way between Park Place and the Town Square. Phase II improvements will include curb, gutter and underground storm sewers, sidewalk on the north side of the road, and street trees, lighting and limited on-street parking. The project will also include replacement of the Transite waterline but cost is shown under Water Line Replacement Project. The project will require easements and/or right of way from properties along the road way. Some of the utility poles will also require relocation.

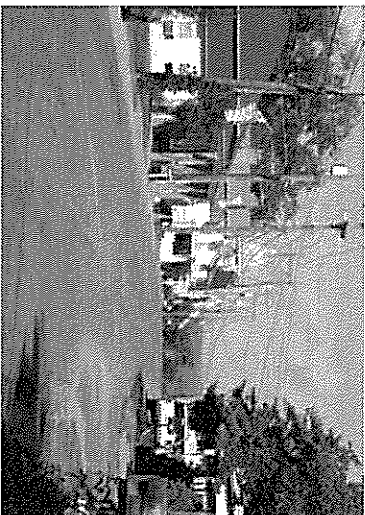
***Please note that the cost estimate was developed without detailed information about utility relocation and currently assumes that the utility companies will be required to relocate at their cost.*

TOTAL COST SUMMARY:

SOURCE OF FUNDING: General Fund Reserves
Debt Financing

FY13 COST (\$): -
TOTAL PROJECT COST (\$): \$ 1,250,000

Note: cost estimate based on cost estimate for Phase I adjusted for mileage and the fact that part of the sidewalk is already installed.



	Total Spent thru FY 12	Total 5 Year Budget	Year 1 Budget (FY 13)	Year 2 Budget (FY 14)	Year 3 Budget (FY 15)	Year 4 Budget (FY 16)	Year 5 Budget (FY 17)
Total Expenses	\$ 150,000	\$ 1,100,000	\$ -	\$ 100,000	\$ -	\$ 150,000	\$ -
<i>Design and Engineering</i>	\$ 100,000	\$ 100,000	\$ -	\$ 100,000	\$ -	\$ -	\$ -
<i>ROW/Utility Planning</i>	\$ 50,000	\$ 300,000	\$ -	\$ -	\$ 150,000	\$ 150,000	\$ -
<i>Construction (incl utility relocate & inspd)</i>	\$ -	\$ 700,000	\$ -	\$ -	\$ -	\$ 700,000	\$ -
Total Project Cost	\$ 1,250,000	\$ 1,100,000	\$ -	\$ 100,000	\$ 150,000	\$ 850,000	\$ -

**TOWN OF LOVETTSVILLE
FY '13 - FY '17 FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT TITLE: Streetscape Improvements - South Loudoun Street

PROJECT NUMBER: 3

STAFF RESPONSIBILITY: Town Manager
Project Manager
Zoning Administrator / Comprehensive Planner

CONSULTING/ENG. SUPPORT: TBD

PROJECT DESCRIPTION: To enhance pedestrian accessibility and overall aesthetics, improvements are needed along South Loudoun Street. Storm water drainage, sidewalks, and lighting are all items that will be included in this streetscape improvement project. In 2008, the Town funded preliminary planning and design work for the South Loudoun Street corridor. The Streetscape Plan was endorsed in 2009. This plan will serve as the platform to develop engineered construction drawings to be put out for bid. Limited funding for sidewalk construction is available through developer proffers. Total project cost is estimated in the Streetscape Master Plan in year 2009 at \$1,780,000 but does not show up because the project is not slated to begin until after the East Broad Way streetscape improvements are completed. An updated cost estimate will be needed.



TOTAL COST SUMMARY:

SOURCE OF FUNDING: Sidewalk Fund Reserves
Debt Financing
Outside Funding Source

FY13 COST (\$): \$ -
TOTAL PROJECT COST (\$): \$ 125,000 through FY17

	<u>Total Expenses</u>	<u>Total Spent thru FY 12</u>	<u>Total 5 Year Budget</u>	<u>Year 1 Budget (FY 13)</u>	<u>Year 2 Budget (FY 14)</u>	<u>Year 3 Budget (FY 15)</u>	<u>Year 4 Budget (FY 16)</u>	<u>Year 5 Budget (FY 17)</u>
<u>Planning</u>	\$ 10,000	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<u>Design and Engineering</u>	\$ 175,000	\$ 50,000	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ 125,000
<u>Construction</u>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<u>Total Project Cost</u>	\$ 185,000	\$ 60,000	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ 125,000

**TOWN OF LOVETTSVILLE
FY '13 - FY '17 FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT TITLE: Bicycle/Pedestrian Path

PROJECT NUMBER: 4

STAFF RESPONSIBILITY: Town Manager
Project Manager

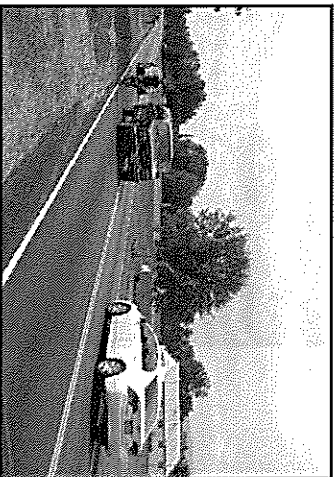
CONSULTING/ENG. SUPPORT: VDOT

PROJECT DESCRIPTION: To construct a multi-purpose, 8 foot wide bicycle path, curb and gutter and underground storm management along the west side of Route 287 from the south end to the north end of Town. To date \$762,000 in funding has been acquired from matching grants from the Federal Highway Administration / Virginia Department of Transportation (VDOT), and Loudoun County Gas Tax Revenue allocation to the Town. The project will go through Public Hearing in April and then will be considered "shovel ready". Because of increases in costs associated with design requirements, sufficient funds are not available to complete Phase I. An additional \$427,000 has been requested and Land Acquisition for Phase I can begin once that funding is awarded.

TOTAL COST SUMMARY:

SOURCE OF FUNDING:

<i>Source</i>	
Transportation Grant(TEA-21)	\$762,000
Gas Tax	\$281,970
General Fund Reserves	\$55,000
Extra funds needed for Phase I	\$427,000
FY13 COST (\$):	\$ 331,000
TOTAL PROJECT COST (\$):	\$ 2,764,000



<u>Total Expenses</u>	<u>Total Spent thru FY 12</u>	<u>Total 5 Year Budget</u>	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4</u>	<u>Year 5</u>
			<u>Budget (FY 13)</u>	<u>Budget (FY 14)</u>	<u>Budget (FY 15)</u>	<u>Budget (FY 16)</u>	<u>Budget (FY 17)</u>
\$ 600,000	\$ 343,000	\$ 176,000	\$ 36,000	\$ -	\$ 140,000	\$ -	\$ -
\$ 400,000	\$ 50,000	\$ 730,000	\$ 295,000	\$ -	\$ -	\$ 435,000	\$ -
\$ 2,000,000	\$ -	\$ 1,465,000	\$ -	\$ 825,000	\$ -	\$ -	\$ 640,000
Total Project Cost	\$ 393,000	\$ 2,371,000	\$ 331,000	\$ 825,000	\$ 140,000	\$ 435,000	\$ 640,000

**Design and Engineering
ROW/Utility Relocation
Construction**

**TOWN OF LOVETTSVILLE
FY '13 - FY '17 FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT TITLE: South Church Street Improvements Between East Broad Way and Town Center Drive

PROJECT NUMBER: 5

STAFF RESPONSIBILITY: Project Manager

CONSULTING/ENG. SUPPORT: TBD

PROJECT DESCRIPTION:

South Church Street, between East Broad Way and East Town Center Drive is in need of improvements to match the previous work performed by the Town Center development to the south and by the United States Post Office's extension of Church Street to the north, across East Broad Way. With new businesses and the extension of North Church Street, it is anticipated that this section of road will continue to see increased traffic volumes. This project would design sidewalk, storm water drainage, a possible turn lane at the intersection of South Church Street and East Broad Way, and limited road widening to accommodate increased pedestrian and vehicular demands.

TOTAL COST SUMMARY:

SOURCE OF FUNDING: General Fund Reserves

FY13 COST (\$): \$ -
TOTAL PROJECT COST (\$): \$ 250,000



	Total Spent thru		Total 5 Year Budget	Year 1 Budget (FY 13)	Year 2 Budget (FY 14)	Year 3 Budget (FY 15)	Year 4 Budget (FY 16)	Year 5 Budget (FY 17)
	Total Expense	FY 12						
Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design and Engineering	\$ 100,000	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000	\$ -
Construction	\$ 200,000	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000
Total Project Cost	\$ 300,000	\$ 50,000	\$ 250,000	\$ -	\$ -	\$ -	\$ 50,000	\$ 200,000

**TOWN OF LOVETTSVILLE
FY '13 - FY '17 FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT TITLE: Lovettsville Town Hall

PROJECT NUMBER: 6

STAFF RESPONSIBILITY: Town Manager
Project Manager

CONSULTING/ENG. SUPPORT: TBD

PROJECT DESCRIPTION: With the acquisition of 8 Pennsylvania Avenue next to the Town Office, the Town is proposing to expand the existing Town Hall to include offices for Town Staff, Council Chambers and community meeting space, museum space, and possible satellite offices for the County Commissioner of Revenue and other County services along with office space for County Sheriff's deputies. The estimated size of the expanded Town Hall could range between 3,000 - 4,000 square feet. The next step will be to demolish the existing home at 8 Pennsylvania Avenue and begin the architectural programming to explore options available to the Town. If possible the parking lot should be constructed first to provide additional parking for Town use during meetings, etc. Construction is estimated at \$150 to \$200 per square foot.

TOTAL COST SUMMARY:

SOURCE OF FUNDING: General Fund Reserves
Debt Financing

FY13 COST (\$): \$ 40,000
TOTAL PROJECT COST (\$): \$ 445,000



	<u>Total Expended</u>	<u>Total Spent thru</u>	<u>Total 5 Year</u>	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4</u>	<u>Year 5</u>
		<u>FY 12</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>
				<u>(FY 13)</u>	<u>(FY 14)</u>	<u>(FY 15)</u>	<u>(FY 16)</u>	<u>(FY 17)</u>
<i>Planning</i>	\$ 15,000	\$ -	\$ 15,000	\$ 15,000	\$ -	\$ -	\$ -	\$ -
<i>Design, Engineering</i>	\$ 100,000	\$ 50,000	\$ 50,000	\$ 5,000	\$ 45,000	\$ -	\$ -	\$ -
<i>Construction</i>	\$ 380,000	\$ -	\$ 380,000	\$ 20,000	\$ -	\$ 360,000	\$ -	\$ -
Total Project Cost	\$ 495,000	\$ 50,000	\$ 445,000	\$ 40,000	\$ 45,000	\$ 360,000	\$ -	\$ -

**TOWN OF LOVETTSVILLE
FY '13 - FY '17 FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT TITLE: Quarter Branch Park and Support Facility

PROJECT NUMBER: 7

STAFF RESPONSIBILITY: Town Manager
Project Manager
Zoning Administrator / Planner

CONSULTING/ENG. SUPPORT: TBD

PROJECT DESCRIPTION: Almost 7 acres of land were gifted to the Town as part of the New Town Meadows Development. A Concept Plan is under development in Spring 2012. The site will also house the Town's Maintenance Facility which may also be used for Park facilities like restrooms and storage for park equipment and tools. The Park will be passive in nature and elements being considered include dog park, informal ball field, walking trails, community garden, play area, apiary and more.

TOTAL COST SUMMARY:

SOURCE OF FUNDING: General Fund Reserves

FY13 COST (\$): \$ 100,000
TOTAL PROJECT COST (\$): \$ 150,000



	<u>Total Expenses</u>	<u>Total Spent thru FY 12</u>	<u>Total 5 Year Budget</u>	<u>Year 1 Budget (FY 13)</u>	<u>Year 2 Budget (FY 14)</u>	<u>Year 3 Budget (FY 15)</u>	<u>Year 4 Budget (FY 16)</u>	<u>Year 5 Budget (FY 17)</u>
<u>Planning</u>	\$ 3,000	\$ 3,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<u>Design and Engineering</u>	\$ 15,000	\$ -	\$ 15,000	\$ 15,000	\$ -	\$ -	\$ -	\$ -
<u>Construction</u>	\$ 135,000	\$ -	\$ 135,000	\$ 85,000	\$ 20,000	\$ 20,000	\$ 5,000	\$ 5,000
<u>Total Project Cost</u>	\$ 153,000	\$ 3,000	\$ 150,000	\$ 100,000	\$ 20,000	\$ 20,000	\$ 5,000	\$ 5,000

**TOWN OF LOVETTSTVILLE
FY 13 - FY 17 FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT TITLE: Town Square Development

PROJECT NUMBER: 8

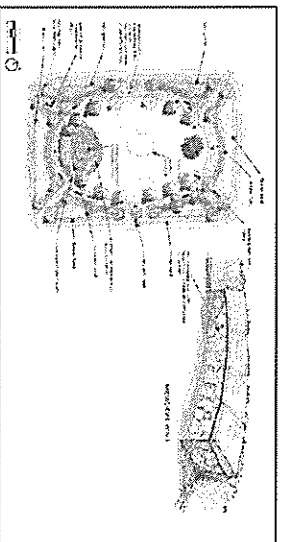
STAFF RESPONSIBILITY:
Town Manager
Project Manager
Zoning Administrator / Planner

CONSULTING/ENG. SUPPORT: TBD

PROJECT DESCRIPTION: In February, 2009 the Town completed a Concept Plan for the development of this park which ultimately includes a water feature, memorial wall and patio area, shade trees, benches, and rain garden area. Four benches were added in FY 2011. The Veterans Memorial was constructed in FY12. Engraved pavers will be added as suitable numbers are sold. Sale of pavers will help offset some of the cost of the Memorial. Additional planned improvements will be phased period depending on need and funding. Funding in Year 3 will allow the Town to evaluate water feature options.

TOTAL COST SUMMARY:
SOURCE OF FUNDING: General Fund Reserves

FY13 COST (\$): \$ -
TOTAL PROJECT COST (\$): \$ 100,000



	<u>Total Expenses</u>	<u>Total Spent thru FY 12</u>	<u>Total 5 Year Budget</u>	<u>Year 1 Budget (FY 13)</u>	<u>Year 2 Budget (FY 14)</u>	<u>Year 3 Budget (FY 15)</u>	<u>Year 4 Budget (FY 16)</u>	<u>Year 5 Budget (FY 17)</u>
<u>Planning</u>	\$ 2,450	\$ 2,450	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<u>Design and Engineering</u>	\$ 5,000	\$ -	\$ 5,000	\$ -	\$ -	\$ 5,000	\$ -	\$ -
<u>Construction</u>	\$ 92,550	\$ 52,550	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000	\$ -
<u>Total Project Cost</u>	\$ 100,000	\$ 55,000	\$ 45,000	\$ -	\$ -	\$ 5,000	\$ 40,000	\$ -

**TOWN OF LOVETTSMILLE
FY '13 - FY '17 FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT TITLE: Town Green Development

PROJECT NUMBER: 9

STAFF RESPONSIBILITY: Town Manager
Project Manager
Zoning Administrator / Planner

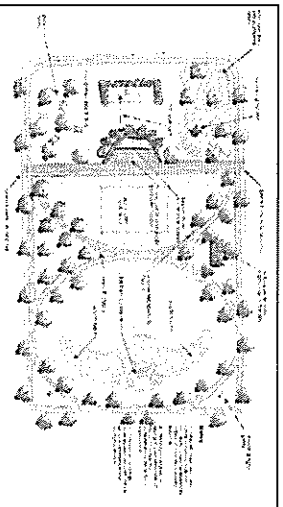
CONSULTING/ENG. SUPPORT: TBD

PROJECT DESCRIPTION: In February, 2009 the Town completed a Concept Plan for the development of this park which ultimately includes a band stand, picnic area, shade trees, berming, child play area, restroom/refreshment stand and rain garden area. Power was brought to the Park and conduit laid around the perimeter of the park for later power supply in FY 10. In FY 11 benches, picnic tables and waste cans were added. In FY 12, architectural programming should be completed for the Bandstand/Gazebo. FY13 proposes construction of the bandstand as well as addition of power to the perimeter conduit for use during future festivals. Future year activities include installation of the remaining proposed trails and berming and architectural programming for the restroom/refreshment facility.

TOTAL COST SUMMARY:

SOURCE OF FUNDING: General Fund Reserves

FY13 COST (\$): \$ 150,000 *includes cost to add power to perimeter
TOTAL PROJECT COST (\$): \$ 262,750



<u>Total Expenses</u>	<u>Total Spent thru</u>		<u>Total 5 Year Budget</u>	<u>Year Budget</u>				
	<u>FY 12</u>	<u>FY 13</u>		<u>(FY 13)</u>	<u>(FY 14)</u>	<u>(FY 15)</u>	<u>(FY 16)</u>	<u>(FY 17)</u>
\$ 10,450	\$ 10,450	\$ -	\$ -	\$ 20,000	\$ 15,000	\$ -	\$ -	\$ 8,000
\$ 35,000	\$ -	\$ 35,000	\$ 35,000	\$ 130,000	\$ 40,000	\$ 10,000	\$ 10,000	\$ -
\$ 217,300	\$ 27,300	\$ 190,000	\$ 190,000	\$ 150,000	\$ 55,000	\$ 10,000	\$ 10,000	\$ -
\$ 262,750	\$ 37,750	\$ 225,000	\$ 225,000					\$ 8,000

**TOWN OF LOVETTSVILLE
FY 13 - FY 17 FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT TITLE: Lovettsville Community Park - Courty Parkland Development

PROJECT NUMBER: 10

STAFF RESPONSIBILITY: Town Manager
Project Manager
Zoning Administrator / Planner

CONSULTING/ENG. SUPPORT: TBD

PROJECT DESCRIPTION: In 2004, Loudoun County, with a \$200,000 financial contribution from the Town, purchased over 90 acres of land, partially located within the eastern Town limits, for the purpose of creating a community park to serve the residents of the Town and surrounding area. In July of 2010 the Loudoun County Board of Supervisors approved the Special Exception Permit to allow active recreational uses on the site. To date, no County funds have been allocated for park development. The Town is committed to seeing this park developed and is currently working with the County to support the planning for limited improvements that will hopefully lead to full County funding over the course of the next few years. Because the timeline for any County funding approval is unclear, no money has been allocated in first year of the FY 13 CIP for park development.

TOTAL COST SUMMARY:

SOURCE OF FUNDING: General Fund Reserves

FY13 COST (\$): \$ -
TOTAL PROJECT COST (\$): \$ 300,000



<u>Total Expenses</u>	<u>Total Spent thru</u>		<u>Total 5 Year Budget</u>	<u>Year 1 Budget (FY 13)</u>	<u>Year 2 Budget (FY 14)</u>	<u>Year 3 Budget (FY 15)</u>	<u>Year 4 Budget (FY 16)</u>	<u>Year 5 Budget (FY 17)</u>
	<u>FY 12</u>	<u>FY 13</u>						
\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -
\$ 50,000	\$ -	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ 25,000	\$ -	\$ -
\$ 50,000	\$ -	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ 25,000	\$ 25,000	\$ -
<u>Total Project Cost</u>	\$ 300,000	\$ 200,000	\$ 100,000	\$ -	\$ 50,000	\$ 25,000	\$ 25,000	\$ -

Planning/Acquisition
Design and Engineering
Construction

**TOWN OF LOVETTSVILLE
FY '13 - FY '17 FIVE YEAR CAPITAL IMPROVEMENT PLAN**

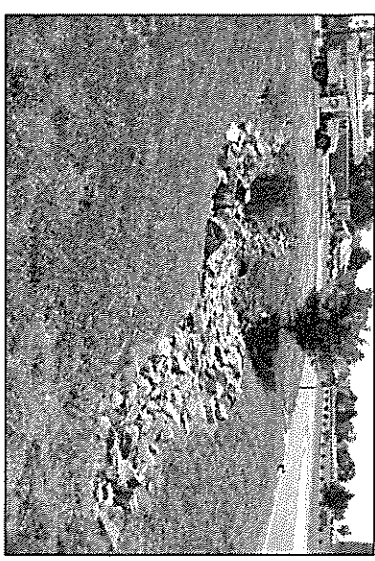
PROJECT TITLE: Storm Ditch Improvements North of Town Square

PROJECT NUMBER: 11

STAFF RESPONSIBILITY: Town Manager
Project Manager

CONSULTING/ENG. SUPPORT: TBD

PROJECT DESCRIPTION: Across from the north end of the Town Square, several storm water pipes converge in a large deep ditch area before crossing underneath Berlin Pike. This project will design the appropriate underground storm vault to transition the open pipes to the discharge line under Berlin Pike, allowing the ditch area to be filled in. The project will include a sidewalk connection to link the businesses along North Berlin Pike with the existing sidewalk along East Broad Way, and possibly landscaping for beautification. This project will improve the safety for vehicles as well as pedestrians while also making the area more attractive.



TOTAL COST SUMMARY:
SOURCE OF FUNDING: General Fund Reserves

FY13 COST (\$): \$ 60,000
TOTAL PROJECT COST (\$): \$ 60,000

	<u>Total Expenses</u>	<u>Total Spent thru FY 12</u>	<u>Total 5 Year Budget</u>	<u>Year 1 Budget (FY 13)</u>	<u>Year 2 Budget (FY 14)</u>	<u>Year 3 Budget (FY 15)</u>	<u>Year 4 Budget (FY 16)</u>	<u>Year 5 Budget (FY 17)</u>
<u>Planning</u>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<u>Design and Engineering</u>	\$ 15,000	\$ -	\$ 15,000	\$ 15,000	\$ -	\$ -	\$ -	\$ -
<u>Construction</u>	\$ 45,000	\$ -	\$ 45,000	\$ 45,000	\$ -	\$ -	\$ -	\$ -
<u>Total Project Cost</u>	\$ 60,000	\$ -	\$ 60,000	\$ 60,000	\$ -	\$ -	\$ -	\$ -

**TOWN OF LOVETTSVILLE
FY '13 - FY '17 FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT TITLE: Storm Water Management Plan

PROJECT NUMBER: 12

STAFF RESPONSIBILITY: Town Manager
Project Manager

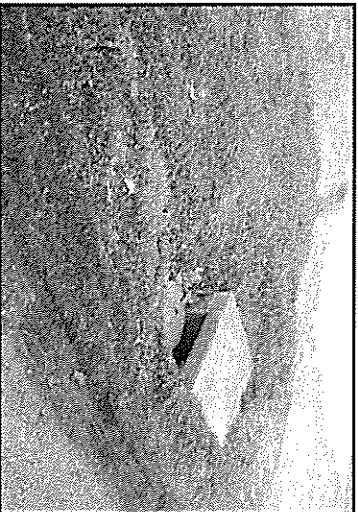
CONSULTING/ENG. SUPPORT: TBD

PROJECT DESCRIPTION: The Town has a number of storm sewer and drainage issues that have not been addressed adequately in the past and these issues should receive attention over the next few years. Many of these issues become apparent after severe weather related events. In anticipation of undergoing long term storm sewer and drainage improvements in the Town, a Storm Sewer Plan is proposed to be undertaken that will map the current storm sewer network and drainage areas and develop a long range plan for managing storm water runoff for the Town. This Plan will include locations for future storm sewer piping and locations for storm water management areas.

TOTAL COST SUMMARY:

SOURCE OF FUNDING: General Fund Reserves

FY13 COST (\$): -
TOTAL PROJECT COST (\$): \$ 160,000



<u>Total Expenses</u>	<u>Total Spent thru</u>		<u>Total 5 Year</u>		<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4</u>	<u>Year 5</u>
	<u>FY 12</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>
\$ 20,000	\$ -	\$ 20,000	\$ -	\$ 20,000	\$ -	\$ 20,000	\$ -	\$ -	\$ -
\$ 100,000	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -
\$ 40,000	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 20,000
Total Project Cost	\$ 50,000	\$ 110,000	\$ -	\$ 20,000	\$ 50,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000

Planning
Design and Engineering
Construction

**TOWN OF LOVETTSVILLE
FY '13 - FY '17 FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT TITLE: Upgrades to Existing Water Tower

PROJECT NUMBER: 13

STAFF RESPONSIBILITY: Project Manager

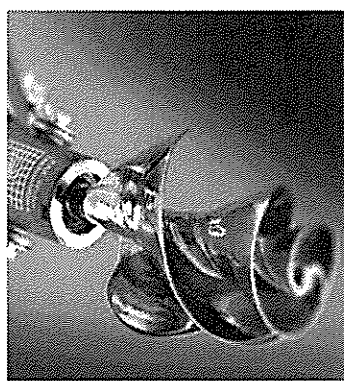
CONSULTING/ENG. SUPPORT: KCI

PROJECT DESCRIPTION: The Town has contracted with Utility Services to complete the needed tank maintenance to include repairs and maintenance for the next 12 years. The Town will pay a set annual fee and will receive repairs and painting in year 1, inspections and cleanings at various intervals and painting again in year 12. The fees will be paid as an operational expense. While the tank is out of service for repairs, Utility Services will install a water mixer in the tank to provide constant water circulation. Moving the water around while it is being stored will improve water quality. The \$18,000 will be paid to Utility Services in three, annual, installments of \$6,000.

TOTAL COST SUMMARY:

SOURCE OF FUNDING: Water Tower Reserve Fund

FY13 COST (\$): \$ 6,000
TOTAL PROJECT COST (\$): \$ 18,000



	<u>Total Expenses</u>	<u>Total Spent thru FY 12</u>	<u>Total 5 Year Budget</u>	<u>Year 1 Budget (FY 13)</u>	<u>Year 2 Budget (FY 14)</u>	<u>Year 3 Budget (FY 15)</u>	<u>Year 4 Budget (FY 16)</u>	<u>Year 5 Budget (FY 17)</u>
<i>Planning</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Design and Engineering</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Construction</i>	\$ 18,000	\$ -	\$ 18,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ -	\$ -
Total Project Cost	\$ 18,000	\$ -	\$ 18,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ -	\$ -

**TOWN OF LOVETTSVILLE
FY '13 - FY '17 FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT TITLE: Water Line Replacement

PROJECT NUMBER: 14

STAFF RESPONSIBILITY: Project Manager

CONSULTING/ENG. SUPPORT: TBD

PROJECT DESCRIPTION: The older original parts of the Town's Water Distribution system contains 40 year old Transite pipe. Transite pipe becomes brittle with age, increasing the likelihood of leaks and breaks in the pipe. In order to maintain the reliability and quality of the water supply, the Transite pipe should be replaced. This project can be completed over a series of years. The first phases shown in year 2 and year 4 are the water line replacement needed for Phase I and Phase II of the Broad Way Sidewalk Project.



TOTAL COST SUMMARY:

SOURCE OF FUNDING: Debt Financing

FY13 COST (\$): \$ -
TOTAL PROJECT COST (\$): \$ 4,000,000

	<u>Total Expenses</u>	<u>Total Spent thru FY 12</u>	<u>Total 5 Year Budget</u>	<u>Year 1 Budget (FY 13)</u>	<u>Year 2 Budget (FY 14)</u>	<u>Year 3 Budget (FY 15)</u>	<u>Year 4 Budget (FY 16)</u>	<u>Year 5 Budget (FY 17)</u>
<i>Planning</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Design and Engineering</i>	\$ 300,000	\$ -	\$ 50,000	\$ -	\$ 10,000	\$ 30,000	\$ 10,000	\$ -
<i>Construction</i>	\$ -	\$ -	\$ -	\$ -	\$ 225,000	\$ -	\$ 225,000	\$ -
Total Project Cost	\$ 300,000	\$ -	\$ 50,000	\$ -	\$ 235,000	\$ 30,000	\$ 235,000	\$ -

**TOWN OF LOVETTSVILLE
FY '13 - FY '17 FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT TITLE: New Elevated Water Tower

PROJECT NUMBER: 15

STAFF RESPONSIBILITY: Project Manager

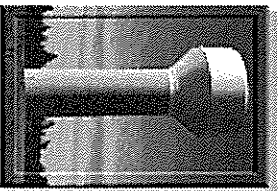
CONSULTING/ENG. SUPPORT: TBD

PROJECT DESCRIPTION:
The Town currently has only has one elevated storage tank to provide pressure and flow to the Town system. Without this tank, the Town does not have sufficient pressure to serve its customers. The addition of a second tank would provide more consistent pressure throughout the Town, additional storage capacity and duplicity in the system when maintenance and repairs require taking a tank offline. A 125 foot high tank holding 150,000 gallons is estimated to cost \$700,000. If the Water Facility Improvements are completed, the need for this project becomes less immediate.

TOTAL COST SUMMARY:

SOURCE OF FUNDING: Water Tower Reserve Fund

FY13 COST (\$): \$ 10,000
TOTAL PROJECT COST (\$): \$ 700,000



	<u>Total Spent thru</u>		<u>Total 5 Year Budget</u>				
	<u>Total Expenses</u>	<u>FY 12</u>	<u>Year 1 Budget (FY 13)</u>	<u>Year 2 Budget (FY 14)</u>	<u>Year 3 Budget (FY 15)</u>	<u>Year 4 Budget (FY 16)</u>	<u>Year 5 Budget (FY 17)</u>
<i>Planning</i>	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000
<i>Design and Engineering</i>	\$ 130,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Construction</i>	\$ 550,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Project Cost	\$ 60,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 10,000

**TOWN OF LOVETTSVILLE
FY '13 - FY '17 FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT TITLE: Water Facility Improvements

PROJECT NUMBER: 16

STAFF RESPONSIBILITY: Project Manager

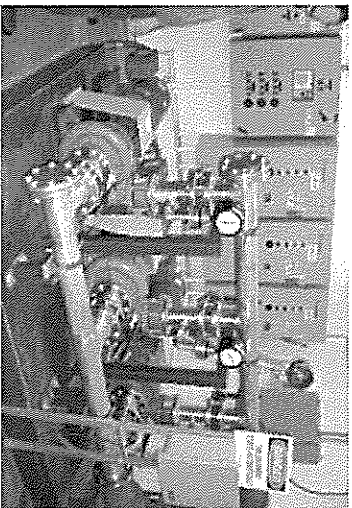
CONSULTING/ENG. SUPPORT: TBD

PROJECT DESCRIPTION: The two major water filtration sites in Town utilize high pressure pumps to introduce new water into the distribution system when the elevated tank drops to a preset level. The pumps were sized to provide a rapid introduction of water into the system and to provide high volumes of water in the event of a high demand such as a major fire. The pressures produced by these pumps are very high and do not provide consistent pressures in the system when the tank must be taken offline. Improvements to the two newest well/filtration systems, including installation of Variable Frequency Drives (VFDs) on two of the pumps, a new tank level transducer will be finished in FY12 and will allow the elevated tank to be taken offline for painting, and will improve water operations and efficiencies. Year 1 work includes design and installation of an upgraded SCADA system which will improve the systems ability to automatically respond to a high water demand such as a fire or water leak.

TOTAL COST SUMMARY:

SOURCE OF FUNDING: TBD

FY13 COST (\$): \$ 85,000
TOTAL PROJECT COST (\$): \$ 206,035



	Total Spent thru		Total 5 Year					
	Total Expenses	FY 12	Budget	Year 1 Budget (FY 13)	Year 2 Budget (FY 14)	Year 3 Budget (FY 15)	Year 4 Budget (FY 16)	Year 5 Budget (FY 17)
Planning	\$ 13,035	\$ 13,035	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design and Engineering	\$ 55,000	\$ 30,000	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 138,000	\$ 78,000	\$ 60,000	\$ 60,000	\$ -	\$ -	\$ -	\$ -
Total Project Cost	\$ 206,035	\$ 121,035	\$ 85,000	\$ -	\$ -	\$ -	\$ -	\$ -

TOWN OF LOVETTSVILLE
FY '13 - FY '17 FIVE YEAR CAPITAL IMPROVEMENT PLAN

Table 1 - FY 2013 -2017 Five Year CIP Projects By Year

	<i>FY 2013-2017 Total 5 Year Budget</i>	<i>Year 1 Budget (FY 13)</i>	<i>Year 2 Budget (FY 14)</i>	<i>Year 3 Budget (FY 15)</i>	<i>Year 4 Budget (FY 16)</i>	<i>Year 5 Budget (FY 17)</i>
<u>General Fund Projects</u>						
1. Broad Way Streetscape Improvements - Phase I Park Place to Community Center	\$ 1,525,000	\$ 350,000	\$ 575,000	\$ 600,000	\$ -	\$ -
2. Broad Way Streetscape Improvements - Phase II Town Center to Park Place	\$ 1,100,000	\$ -	\$ -	\$ 100,000	\$ 150,000	\$ 850,000
3. Streetscape Improvements (South Loudoun)	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ 125,000
4. Bicycle/Pedestrian Path	\$ 2,371,000	\$ 331,000	\$ 825,000	\$ 140,000	\$ 435,000	\$ 640,000
5. South Church Street Improvements	\$ 250,000	\$ -	\$ -	\$ -	\$ 50,000	\$ 200,000
6. Lovettsville Town Hall	\$ 405,000	\$ 40,000	\$ 45,000	\$ 360,000	\$ -	\$ -
7. Quarter Branch Park and Support Facility	\$ 150,000	\$ 100,000	\$ 20,000	\$ 20,000	\$ 5,000	\$ 5,000
8. Town Square Development	\$ 45,000	\$ -	\$ -	\$ 5,000	\$ 40,000	\$ -
9. Town Green Development	\$ 233,000	\$ 150,000	\$ 55,000	\$ 10,000	\$ 10,000	\$ 8,000
10. Lovettsville Community Park	\$ 100,000	\$ -	\$ 50,000	\$ 25,000	\$ 25,000	\$ -
11. Storm Ditch Improvements north of Town Square	\$ 60,000	\$ 60,000	\$ -	\$ -	\$ -	\$ -
12. Storm Water Management Plan	\$ 110,000	\$ -	\$ 20,000	\$ 50,000	\$ 20,000	\$ 20,000
<u>Utility Fund Projects</u>						
13. Upgrades to Existing Water Tower	\$ 18,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ -	\$ -
14. Water Line Replacement	\$ 500,000	\$ -	\$ 235,000	\$ 30,000	\$ 235,000	\$ -
15. New Water Tower	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ 10,000
16. Water Facility Improvement	\$ 85,000	\$ 85,000	\$ -	\$ -	\$ -	\$ -
Total 5 Year CIP Costs - FY 2013-2017	\$ 7,087,000	\$ 1,122,000	\$ 1,831,000	\$ 1,346,000	\$ 970,000	\$ 1,858,000

TOWN OF LOVETTSVILLE
FY '13 - FY '17 FIVE YEAR CAPITAL IMPROVEMENT PLAN

Table 2 - Funds Available for Capital Projects

(As of December 31, 2011)

Total General Fund Reserve	\$	1,871,245
Total Bike Path Fund - County Gas Tax	\$	136,476
Total General Fund Savings Account	\$	20,371
TEA-21 Grant (Bike Path)	\$	762,000
Loudoun Street Improvement Fund (sidewalk contributions)	\$	80,743
Total General Fund Reserves	\$	2,870,835
Total Sewer Fund Reserve	\$	2,711,943
Total Water Fund Reserve	\$	233,346
Total Water Tower Reserve	\$	154,141
Total Utility Fund Reserves	\$	3,099,430
Total Developer Proffers in Reserves	\$	50,105
Total Funds Available for Capital Projects	\$	6,020,370

NOTE:

1. Total outstanding Sewer Fund Debt as of December 31, 2011 is \$ 5,094,025
2. Total outstanding Water Fund Debt as of December 31, 2011 is \$270,000
3. Total outstanding General Fund Debt as of December 31, 2011 is \$1,916,282.
4. Total FY 13 annual debt service payment for Sewer Fund Debt is \$479,019
5. Total FY 13 annual debt service payment for Water Fund Debt is \$44,129
6. Total FY 13 annual debt service payment for General Fund Debt is \$164,880