

***INDIVIDUAL PROJECT DESCRIPTIONS***  
***PROJECT DESCRIPTIONS AND EXPENDITURE SCHEDULE***

# Street Resurfacing

## Project Description

The Town recognizes the importance of maintaining streets and appropriates an annual allocation for street resurfacing. The schedule for street resurfacing is based on a pavement condition survey performed every 3 years. The last study was completed in February of 2011. The Average Pavement Conditions Rating (PCR) for the entire maintained road system in 2011 was 89.0% which is higher than the 2008 Average PCR value of 85.7% and is an indication that our program is being effective in the short term. Both ratings fall within the Good Category range of 81%-90%.

## Define Problem

Resurfacing each street every 15 years prevents critical surface deterioration and avoids expensive roadway replacement or reconstruction. To maintain the 15 year cycle, approximately four to five miles of streets need to be resurfaced every 2 years. The Town currently maintains approximately 42 miles of paved roads. A two-year bid cycle reduces administrative time and construction cost.

## Project Alternatives

Lower cost surface treatments are available but the extended service life resulting from these

treatments is much less than resurfacing.

## Recommended Solution

Continue annual allocation from the General Fund to the Capital Reserve Fund in order to cover the cost of the resurfacing project every other year.

## Operating Impact

Not applicable.

PROJECT COST ESTIMATES									
Expenditures	PREVIOUS YEARS EXPENSES	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Planning/Arch/Eng		\$ 1,300		\$ 1,400		\$ 1,500		\$ 1,600	\$ 5,800
Land/ROW									\$ -
Construction		\$ 450,190		\$ 600,000		\$ 662,000		\$ 730,000	\$ 2,442,190
Equip/Furnishing									\$ -
Other									\$ -
Contingencies									\$ -
<b>TOTAL</b>	\$ -	\$ 451,490	\$ -	\$ 601,400	\$ -	\$ 663,500	\$ -	\$ 731,600	\$ 2,447,990

FUNDING SOURCES									
Revenue Source	PREVIOUS YEARS REVENUE	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Installment Financing									\$ -
GO Bond									\$ -
Capital Reserves		\$ 451,490	\$ -	\$ 601,400	\$ -	\$ 663,500	\$ -	\$ 731,600	\$ 2,447,990
Intergovernmental Revenues									\$ -
General Fund Operating Revenues									\$ -
Miscellaneous - Payment in Lieu									\$ -
<b>Total Funding</b>	\$ -	\$ 451,490	\$ -	\$ 601,400	\$ -	\$ 663,500	\$ -	\$ 731,600	\$ 2,447,990

OPERATING BUDGET EFFECTS									
Elements	PREVIOUS YEARS EXPENSES	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Personnel Costs									\$ -
Operating and Maintenance									\$ -
Capital Outlays									\$ -
<b>Total Operating Costs</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Minus New Revenues*</i>									\$ -
<b>Net Operating Effect</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>New Personnel (FTE)</b>									0.0

# Sidewalks

## Project Description

The purpose of this project is to increase the safety and convenience of walking throughout the Town's neighborhoods and to major facilities such as schools, bus stops, shopping areas and recreational facilities. Included in the sidewalk projects are state road improvements that serve the arterial needs of the community.

The Town has recommended all state road improvements include bike lanes on both sides of the road and, where feasible, side-

walks.

In 2003 the citizens approved \$4.6 million of general obligation bonds to finance a comprehensive sidewalk construction program. The Town has used Bond Anticipation Notes to finance construction activities until the bonds are actually issued. The Town anticipates issuing these general obligation bonds in Fall 2013, and no sidewalk projects are planned beyond FY 13-14.

The list of sidewalks funded is reviewed on

occasion by the Board. The Town continues to work on Phase I Bond projects, which consists of twenty projects divided into Phase IA and Phase IB. All ten Phase IA projects are complete and five Phase IB projects are complete. Safe Routes to School funds (SRTS) have been secured to help fund the sidewalk on Elm St. which is another Phase IB project. Construction on Elm St. and 3 other Phase IB projects is anticipated to start in FY 11-12.

PROJECT COST ESTIMATES									
Expenditures	PREVIOUS YEARS EXPENSES	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Planning/Arch/Eng	\$ 611,719	\$ 160,600	\$ 176,600						\$ 948,919
Land/ROW			\$ 2,000						\$ 2,000
Construction	\$ 1,966,365	\$ 170,500	\$ 2,380,500						\$ 4,517,365
Equip/Furnishing									\$ -
Other	\$ 1,812	\$ 30,000	\$ 30,000	\$ 30,000					\$ 91,812
Contingencies	\$ -								\$ -
<b>TOTAL</b>	<b>\$ 2,579,896</b>	<b>\$ 361,100</b>	<b>\$ 2,589,100</b>	<b>\$ 30,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 5,560,096</b>

FUNDING SOURCES									
Revenue Source	PREVIOUS YEARS REVENUE	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Installment Financing									\$ -
GO Bond	\$ 2,029,730	\$ 62,000	\$ 1,808,417	\$ 30,000	\$ -				\$ 3,930,147
Capital Reserves			\$ 350,823						\$ 350,823
Intergovernmental Revenues	\$ 335,708	\$ 299,100	\$ 429,860						\$ 1,064,668
General Fund Operating Revenues	\$ 11,700								\$ 11,700
Miscellaneous - Payment in Lieu	\$ 202,758								\$ 202,758
<b>Total Funding</b>	<b>\$ 2,579,896</b>	<b>\$ 361,100</b>	<b>\$ 2,589,100</b>	<b>\$ 30,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 5,560,096</b>

OPERATING BUDGET EFFECTS									
Elements	PREVIOUS YEARS EXPENSES	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Personnel Costs									\$ -
Operating and Maintenance									\$ -
Capital Outlays									\$ -
<b>Total Operating Costs</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<i>Minus New Revenues*</i>									\$ -
<b>Net Operating Effect</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
New Personnel (FTE)									0.0

A proposed sidewalk project for Rogers Road is included in the CIP with construction planned to start in FY 12-13. This project will be funded with a combination of bond funds and STP-DA funds.

Sidewalk installation is to be part of the NCDOT Smith Level Rd. improvements and the Town will be required to provide a 30 % local match, currently estimated at \$207,000. Construction is planned for FY 12-13.

Bond funds were used to fund the Town's share of three Enhancement Projects (Jones Ferry Rd., Old Fayetteville Rd. and Brewer Lane) that were completed in 2008.

Since the inception of the sidewalk bond program, the Town has undertaken and completed seventeen projects for approximately 3.6 miles of sidewalk which also includes significant storm sewer, curb, gutter and retaining wall improvements. Based on current construction estimates, the total expenses for these completed sidewalk projects and those planned for FY 11-12 and FY12-13 will commit the entire estimated \$4.6 million bond amount.

### **Define Problem**

The Town's sidewalk system has not expanded to a point where sidewalks are available along the major streets that connect neighborhoods with each other as well as Town commercial centers, parks, schools and similar activity centers. Suitable roadways are needed to handle and sustain the development of the Town as well as the demand for public transit, bikeway, and pedestrian systems. Currently, the North Carolina Department of Transportation, when making improvements to the state roads that cross the Town's jurisdiction, allows the Town to provide a local match to obtain sidewalks, if desired.

### **Project Alternatives**

Alternatives to this project include the status quo and the provision of temporary gravel or asphalt paths.

### **Recommended Solutions**

Arterials or state roads, local collector and sub-collector roads should have five-foot wide sidewalks constructed along both sides whereas local roads serving from 10 to 25 units should have five-foot wide sidewalks only along one side.

The S. Greensboro Sidewalk (between Old Pittsboro Rd. and the eastbound ramp from NC 54 Bypass) remains unfunded at this time. Estes Drive is also unfunded due to high construction costs, the need to obtain right-of-way along a state-maintained highway and a future NCDOT road project along the same corridor.

### **Operating Impact**

The construction of new sidewalks will impact the town's operating budget in proportion to the amount of sidewalks constructed. Additional sidewalk facilities will produce an increase in sidewalk maintenance costs. In FY 13-14, there will be additional debt costs when the Town issues general obligation bonds for sidewalk and greenway projects.

# Park Maintenance and Replacement Fund

## Project Description

Providing an annual source of funds for park maintenance and replacement will provide for much needed maintenance requirements on a consistent ongoing basis. This concept, modeled after the Town's street resurfacing funding program, will offset costs such as field maintenance, court resurfacing, and refurbishment of park facilities. A list of projects by fiscal year are included on the following page.

## Define Problem

In the past, park maintenance needs have been

deferred and then funded without support of a long-range schedule or plan to ensure the orderly upkeep of the Town's parks. This approach can pose liability risks and time constraints in managing park infrastructure that is in a state of disrepair. Park infrastructures need to be renovated or replaced on a fixed schedule to minimize liability and conform to current safety standards.

## Project Alternatives

Continue to budget when needed and pursue funding for needs when resources are identified.

## Recommended Solutions

Set aside an annual allocation to provide funding for ongoing park maintenance and replacement needs.

## Operating Impact

The orderly replacement and maintenance of facilities and associated equipment minimizes the additional maintenance costs incurred compared to when facilities are in a state of disrepair. Included in FY12-13 are three new projects. The drapes at the Century Center have reached their lifespan and are in need of replacement. Also, adding lights at Anderson

Park tennis courts give citizens more access to lighted tennis courts thereby cutting down on the high usage at Wilson Park tennis courts. Finally, adding three 50" LCD TV's in the meeting rooms at the Century Center will enable us to use computer equipment in more than one room and be competitive with other rental facilities in the area.

### PROJECT COST ESTIMATES

Expenditures	PREVIOUS YEARS EXPENSES	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Planning/Arch/Eng	\$ 13,500								\$ 13,500
Land/ROW									\$ -
Construction	\$ 292,590		\$ 40,000	\$ 229,961				\$ 177,870	\$ 740,421
Equip/Furnishing									\$ -
Other			\$ 77,804	\$ 20,212	\$ 195,784	\$ 80,711	\$ 132,000	\$ 69,300	\$ 575,811
Contingencies				\$ 10,000					\$ 10,000
<b>TOTAL</b>	<b>\$ 306,090</b>	<b>\$ -</b>	<b>\$ 117,804</b>	<b>\$ 260,173</b>	<b>\$ 195,784</b>	<b>\$ 80,711</b>	<b>\$ 132,000</b>	<b>\$ 247,170</b>	<b>\$ 1,339,732</b>

### FUNDING SOURCES

Revenue Source	PREVIOUS YEARS REVENUE	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Installment Financing					\$ -	\$ -	\$ -		\$ -
GO Bond									\$ -
Capital Reserves									\$ -
Intergovernmental Revenues									\$ -
General Fund Operating Revenues	\$ 306,090	\$ -	\$ 117,804	\$ 260,173	\$ 195,784	\$ 80,711	\$ 132,000	\$ 247,170	\$ 1,339,732
Miscellaneous - Payment in Lieu									\$ -
<b>Total Funding</b>	<b>\$ 306,090</b>	<b>\$ -</b>	<b>\$ 117,804</b>	<b>\$ 260,173</b>	<b>\$ 195,784</b>	<b>\$ 80,711</b>	<b>\$ 132,000</b>	<b>\$ 247,170</b>	<b>\$ 1,339,732</b>

### OPERATING BUDGET EFFECTS

Elements	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Personnel Costs								\$ -
Operating and Maintenance								\$ -
Capital Outlays								\$ -
Total Operating Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Minus New Revenues*								\$ -
Net Operating Effect	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
New Personnel (FTE)								0.0

## ***Park Maintenance and Replacement Fund, continued***

Summary of the park maintenance projects and related costs:

SUMMARY OF PARK MAINTENANCE PROJECTS	PREVIOUS YEARS EXPENSES	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL
Wilson Park Bathroom	\$ 306,090							\$ 306,090
Century Center Drape Replacement		\$ 25,115						\$ 25,115
Town Commons Play Equipment		\$ 42,689						\$ 42,689
Century Center LCD TV Installation		\$ 10,000						\$ 10,000
Anderson Park Tennis Court Lights		\$ 40,000						\$ 40,000
Anderson Park Basketball Court Resurfacing			\$ 11,550					\$ 11,550
Anderson Park Tennis Court Resurfacing			\$ 8,662					\$ 8,662
Anderson Park Bathroom Facility			\$ 239,961					\$ 239,961
Baldwin Basketball Court Renovation				\$ 43,324				\$ 43,324
Wilson Park Tennis Court Replacement				\$ 152,460				\$ 152,460
Anderson Fitness Stations					\$ 39,131			\$ 39,131
Anderson Park Pavillion Replacement					\$ 41,580			\$ 41,580
Anderson and Wilson Playground Renovation						\$ 132,000		\$ 132,000
Brewer's Lane Basketball Court Renovation							\$ 69,300	\$ 69,300
Century Center Renovation (New Elevator)							\$ 177,870	\$ 177,870
<b>Total</b>	\$ 306,090	\$ 117,804	\$ 260,173	\$ 195,784	\$ 80,711	\$ 132,000	\$ 247,170	\$ 1,339,732

### PROJECTS IN DESIGNATED FUND BALANCE

Wilson Park Playground Replacement	\$ 31,500
Dog Park Fence Renovation	\$ 11,025
<b>Total</b>	\$ 42,525

### PROJECTS ON HOLD

Field # 4 Renovation	\$ 56,028
Anderson Multi-purpose Field Renovation	\$ 48,659
Anderson Lights at Multi-purpose Field	\$ 99,907
<b>Total</b>	\$ 204,594

# Town Parking Lots

## Project Description

This project will maintain public parking in the downtown area to support the commercial business district and maintain the current number of parking spaces in the central business district. In the 1999 CIP, three parking lots were identified in the downtown area as suitable for public parking. One parking lot at the corner of Rosemary Street and Sunset Drive was purchased in FY03-04 at a cost of \$114,000. The Town is experiencing difficulty in finding affordable land space in the downtown area. The recent Regional Technology Strategies (RTS) report that assesses Carrboro's eco-

nomie development needs, recommends providing more adequate parking downtown and that a more comprehensive study of downtown parking be done to find the most cost-effective, environmentally appropriate, and business friendly parking structure. Other alternatives including parking decks have been considered and may be reviewed in the future.

## Define Problem

Parking in the downtown has always been limited to private parking facilities associated with businesses until the Town developed the parking lots

currently under its control. As vacant properties in downtown are developed for commercial use, the lots that are currently leased by the Town as parking lots become more attractive to developers for building purposes. The current lots are leased with a 90-day clause that allows either the lessee or the lessor to terminate the contract without penalty.

Over time, the available properties will only become more expensive to buy and develop.

## Project Alternative

An alternative to buying the properties would be to change the ordinance so that the properties in the downtown could be developed to mitigate parking needs. Another option would be to develop a parking facility that could be financed via a public-private partnership. The parking facility might be in the form of a parking deck. Parking deck space costs approximately \$20,000 per space to develop.

## Recommended Solution

Continue to pursue parking options for the downtown area and perform a comprehensive study to determine best options.

## Operating Impact

The operating budget impact is unknown at this time due to the fact that no specific decisions have been made regarding the parking arrangements in the downtown area. Maintenance and upkeep would vary depending on whether the lots would be paved or gravel.

PROJECT COST ESTIMATES									
Expenditures	PREVIOUS YEARS EXPENSES	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Planning/Arch/Eng	\$ -							\$ 500,000	\$ 500,000
Land/ROW	\$ -								\$ -
Construction									\$ -
Equip/Furnishing									\$ -
Other									\$ -
Contingencies									\$ -
<b>TOTAL</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 500,000</b>	<b>\$ 500,000</b>

FUNDING SOURCES									
Revenue Source	PREVIOUS YEARS REVENUE	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Installment Financing	\$ -			\$ -		\$ -		\$ 500,000	\$ 500,000
GO Bond									\$ -
Capital Reserves	\$ -								\$ -
Intergovernmental Revenues									\$ -
General Fund Operating Revenues									\$ -
Miscellaneous - Payment in Lieu									\$ -
<b>Total Funding</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 500,000</b>	<b>\$ 500,000</b>

OPERATING BUDGET EFFECTS									
Elements	PREVIOUS YEARS EXPENSES	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Personnel Costs									\$ -
Operating and Maintenance									\$ -
Capital Outlays									\$ -
<b>Total Operating Costs</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<i>Minus New Revenues*</i>									\$ -
<b>Net Operating Effect</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
New Personnel (FTE)									<b>0.0</b>

# Public Works Facility

## Project Description

A new facility is needed to move the Public Works Department from its current location on Smith Level Rd. to a more modern structure to improve operations and provide adequate storage. The project budget was updated in 2005 with the help of MHAworks Architects with a number inflated out six years to FY 11-12. Those numbers have now been inflated out six more years to FY 17-18.

## Define Problem

Located on 2.5 acres, approximately 40 per-

cent of the current public works facility is located within a designated flood plain. The department has outgrown the current facility with respect to storage and office space. Most materials are stored in separate sheds away from the main building; some are exposed to the elements. Vehicles and equipment are also stored outside, many left out in the open. The fleet maintenance garage area is cramped for space and does not have any floor drains which can restrict vehicle preparation and clean-up. Bathroom and locker room facilities are woefully inadequate. Supervisors work in

poorly lit, cramped offices that do not have adequate electrical outlets. The conference room serves as an office for crew leaders and is also used for filing.

## Project Alternatives

Remain in current facility.

## Recommended Solution

The Town has purchased approximately 23 acres off of Old NC 86 to construct a public works facility in the future. Construction of the facility is planned for FY17-18 and beyond.

## Operating Budget

Daily and annual operating costs would increase in correlation with the increase in facility size. Estimated increase is approximately \$7,000 to \$8,000 annually.

### PROJECT COST ESTIMATES

Expenditures	PREVIOUS YEARS EXPENSES	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Planning/Arch/Eng	\$ 4,355							\$ 2,058,000	\$ 2,062,355
Land/ROW	\$ 751,881								\$ 751,881
Construction	\$ -							\$ 8,788,000	\$ 8,788,000
Equip/Furnishing								\$ 1,990,000	\$ 1,990,000
Other	\$ 250							\$ -	\$ 250
Contingencies								\$ 220,000	\$ 220,000
<b>TOTAL</b>	<b>\$ 756,486</b>	<b>\$ -</b>	<b>\$ 13,056,000</b>	<b>\$ 13,812,486</b>					

### FUNDING SOURCES

Revenue Source	PREVIOUS YEARS REVENUE	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Installment Financing	\$ 756,486						\$ -	\$ 13,056,000	\$ 13,812,486
GO Bond									\$ -
Capital Reserves									\$ -
Intergovernmental Revenues									\$ -
General Fund Operating Revenues									\$ -
Miscellaneous - Payment in Lieu									\$ -
<b>Total Funding</b>	<b>\$ 756,486</b>	<b>\$ -</b>	<b>\$ 13,056,000</b>	<b>\$ 13,812,486</b>					

### OPERATING BUDGET EFFECTS

Elements	PREVIOUS YEARS EXPENSES	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Personnel Costs									\$ -
Operating and Maintenance								\$ 7,500	\$ 7,500
Capital Outlays									\$ -
<b>Total Operating Costs</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 7,500</b>	<b>\$ 7,500</b>
Minus New Revenues*									\$ -
<b>Net Operating Effect</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 7,500</b>	<b>\$ 7,500</b>
New Personnel (FTE)									0.0

# Greenway Trails

## Project Description

This project will provide a system of multi-use greenways in Carrboro's Planning Area, link with existing and planned trails in Chapel Hill and Orange County, and link neighborhoods and park facilities. The development of these greenways is proposed by the Carrboro Recreation and Parks Comprehensive Master Plan and supported by the Carrboro Vision 2020 and Carrboro Comprehensive Bicycle Transportation Plan. Through the Metropolitan Planning Organization project funding process, the Town has secured financing for

construction of Morgan Creek Greenway from University Lake to Smith Level Road; and, Bolin Creek Greenway from Estes Drive to Homestead Road.

## Define Problem

The Town has acquired a number of properties or public access easements along major creek corridors and has adopted as an element of the Parks and Recreation Master Plan a plan for greenways.

## Project Alternatives

An alternative to creating a system of greenways is to create selected linear parks or to simply continue without greenway facilities.

## Recommended Solutions

Two separate trail systems are proposed by the Carrboro Recreation and Parks Comprehensive Master Plan: the Morgan Creek Greenway and the Bolin Creek Greenway. The Morgan Creek Greenway connects with Chapel Hill's system at Smith Level Road and continues west to link with the University Lake Property. The Bolin Creek Greenway system also has the potential to link with Chapel Hill's system and will eventually stretch seven miles throughout Carrboro's northern planning area. The design and construction planning for Phase 1A Bolin Creek Greenway (Wilson Park Multi-Use Path) is complete. Planning for Bolin Creek Phase 1B and Morgan Creek will begin in 2011.

New trails being considered in this CIP are the Downtown Multi-Use Path, which will connect Greensboro and Lloyd streets, Jones Creek Greenway which will extend the Town's greenway network north of Homestead Road connecting with the Twin Creeks Greenway and Bolin Creek Greenway Phase 1B, and the Carrboro High School Multi-Use Path which will connect the future Morgan Creek Greenway to BPW Club Road. Other phases of greenway trails (Bel Arbor Multi-Use Path, Sunset Creek Branch, Bolin Creek from Hogan Farm to Union Grove Church Road, BPW/Westbrook and Tripp Farm to Seawell School Road) have been proposed but are currently unfunded.

## Operating Impact

Additional personnel and equipment for maintenance as well as the possibility of police personnel for added security may be needed.

PROJECT COST ESTIMATES									
Expenditures	PREVIOUS YEARS EXPENSES	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Planning/Arch/Eng	\$ 162,849	\$ 230,614	\$ 97,624	\$ 97,814	\$ 94,481	\$ 131,745			\$ 815,127
Land/ROW						\$ 11,923			\$ 11,923
Construction		\$ 240,253	\$ 780,995		\$ 755,850		\$ 871,538		\$ 2,648,636
Equip/Furnishing									\$ -
Other									\$ -
Contingencies		\$ 40,543	\$ 131,793	\$ 14,674					\$ 187,010
<b>TOTAL</b>	<b>\$ 162,849</b>	<b>\$ 511,410</b>	<b>\$ 1,010,412</b>	<b>\$ 112,488</b>	<b>\$ 850,331</b>	<b>\$ 143,668</b>	<b>\$ 871,538</b>	<b>\$ -</b>	<b>\$ 3,662,696</b>

FUNDING SOURCES									
Revenue Source	PREVIOUS YEARS REVENUE	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Installment Financing									\$ -
GO Bond		\$ 196,416	\$ 11,722					\$ -	\$ 208,138
Capital Reserves	\$ 5,000			\$ 22,498	\$ 170,066	\$ 53,486	\$ 149,555		\$ 400,605
Intergovernmental Revenues	\$ 95,232	\$ 314,994	\$ 998,690	\$ 89,990	\$ 680,265	\$ 90,182	\$ 721,983		\$ 2,991,336
General Fund Operating Revenues	\$ 39,646					\$ -			\$ 39,646
Miscellaneous - Payment in Lieu	\$ 22,971								\$ 22,971
<b>Total Funding</b>	<b>\$ 162,849</b>	<b>\$ 511,410</b>	<b>\$ 1,010,412</b>	<b>\$ 112,488</b>	<b>\$ 850,331</b>	<b>\$ 143,668</b>	<b>\$ 871,538</b>	<b>\$ -</b>	<b>\$ 3,662,696</b>

OPERATING BUDGET EFFECTS									
Elements	PREVIOUS YEARS EXPENSES	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Personnel Costs			\$ 36,000			\$ 3,000	\$ 4,000	\$ 4,000	\$ 47,000
Operating and Maintenance			\$ 18,000				\$ 1,000	\$ 1,000	\$ 20,000
Capital Outlays			\$ 18,000						\$ 18,000
<b>Total Operating Costs</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 72,000</b>		<b>\$ -</b>	<b>\$ 3,000</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>	<b>\$ 85,000</b>
Minus New Revenues*									\$ -
<b>Net Operating Effect</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 72,000</b>		<b>\$ -</b>	<b>\$ 3,000</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>	<b>\$ 85,000</b>
New Personnel (FTE)			0.7			0.1	0.2	0.2	1.1

# Stormwater Management

## Project Description

The Town has evaluated sites available in the municipal limits to pursue the construction of stormwater retrofits to satisfy the requirements of the Jordan Lake rules for nutrient reduction from existing development. The review process, including conceptual planning, field visits, and coordination with Chapel Hill-Carrboro City Schools staff has identified two recommended sites - one adjacent to Carrboro Elementary School and the Frances Shetley bike path; and a second site adjacent to Morgan Creek, the Public Works facility and land owned by the Canterbury Town Homes Home Owners Association.

## Define Problem

Local governments must develop a program to identify opportunities for retrofits and other projects to reduce nutrient loading from existing developed lands in the Jordan Lake watershed based on regulatory requirements from the State. These requirements are designed to improve water quality in Jordan Lake. Under the Jordan Lake rules, the Town is required by 2023 to reduce nitrogen loading from existing development by 8%. The Town is required to install two retrofits per year beginning in 2014.

## Project Alternatives

There are other potential sites in Town but they would not be as cost effective as the two sites identified.

## Recommended Solution

Proceed with the engineering/design study to address hydrology, geotechnical considerations, utilities and development of construction drawings.

## Operating Impact

The stormwater wetlands will have to be maintained after installation, but there is lower maintenance costs than other types of stormwater management devices.

PROJECT COST ESTIMATES									
Expenditures	PREVIOUS YEARS EXPENSES	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Planning/Arch/Eng				\$ 25,000	\$ 80,000				\$ 105,000
Land/ROW									\$ -
Construction					\$ 232,000	\$ 257,200			\$ 489,200
Equip/Furnishing									\$ -
Other									\$ -
Contingencies				\$ 2,500	\$ 23,000	\$ 77,200			\$ 102,700
<b>TOTAL</b>	\$ -	\$ -	\$ -	\$ 27,500	\$ 335,000	\$ 334,400	\$ -	\$ -	\$ 696,900

FUNDING SOURCES									
Revenue Source	PREVIOUS YEARS REVENUE	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Installment Financing									\$ -
GO Bond									\$ -
Capital Reserves	\$ -			\$ 27,500	\$ 335,000	\$ 334,400			\$ 696,900
Intergovernmental Revenues									\$ -
General Fund Operating Revenues									\$ -
Miscellaneous - <i>Payment in Lieu</i>									\$ -
<b>Total Funding</b>	\$ -	\$ -	\$ -	\$ 27,500	\$ 335,000	\$ 334,400	\$ -	\$ -	\$ 696,900

OPERATING BUDGET EFFECTS									
Elements	PREVIOUS YEARS EXPENSES	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Personnel Costs									\$ -
Operating and Maintenance						\$ 1,000	\$ 1,500	\$ 1,000	\$ 3,500
Capital Outlays									\$ -
<b>Total Operating Costs</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000	\$ 1,500	\$ 1,000	\$ 3,500
<i>Minus New Revenues*</i>									\$ -
<b>Net Operating Effect</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000	\$ 1,500	\$ 1,000	\$ 3,500
New Personnel (FTE)									0.0

# Martin Luther King, Jr. Park

## Project Description

In December 1999, the Town purchased 9.5 acres of land in the Hillsborough Road/Pathway Drive area and designated it as a neighborhood park. In October 2003, the Board approved a road alignment concept and requested the design committee work with the consultant to complete the park design. On June 15, 2004, the Board of Aldermen approved the park design and officially named the park Martin Luther King, Jr. Park.

## Define Problem

A neighborhood park is recommended for the Hillsborough Road area to accommodate the surrounding neighborhoods. Wilson Park is the closest neighborhood park in this area; however, the service radius neither serves the neighborhoods that the proposed park project is intended to serve nor accommodates the ultimate growth north of Hillsborough Road from the Old Fayetteville to Calvander inter-

section. Currently, there is not a neighborhood park available for the northern area of Town, making this site a suitable project.

## Project Alternatives

The park can continue to be used in its current state with no major improvements.

## Recommended Solution

Revise the Master Plan with a target date of FY 2017-18 to begin construction.

## Operating Impact

Additional personnel and equipment will be required to maintain the park grounds.

PROJECT COST ESTIMATES									
Expenditures	PREVIOUS YEARS EXPENSES	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Planning/Arch/Eng	\$ 42,533						\$ 186,746	\$ 73,435	\$ 302,714
Land/ROW	\$ 552,700								\$ 552,700
Construction								\$ 2,129,793	\$ 2,129,793
Equip/Furnishing									\$ -
Other	\$ 1,017								\$ 1,017
Contingencies									\$ -
<b>TOTAL</b>	<b>\$ 596,250</b>	<b>\$ -</b>	<b>\$ 186,746</b>	<b>\$ 2,203,228</b>	<b>\$ 2,986,224</b>				

FUNDING SOURCES									
Revenue Source	PREVIOUS YEARS REVENUE	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Installment Financing	\$ 274,000		\$ -	\$ -	\$ -	\$ -	\$ 186,746	\$ 2,203,228	\$ 2,663,974
GO Bond									\$ -
Capital Reserves									\$ -
Intergovernmental Revenues									\$ -
General Fund Operating Revenues	\$ 43,250								\$ 43,250
Miscellaneous - Payment in Lieu	\$ 279,000								\$ 279,000
<b>Total Funding</b>	<b>\$ 596,250</b>	<b>\$ -</b>	<b>\$ 186,746</b>	<b>\$ 2,203,228</b>	<b>\$ 2,986,224</b>				

OPERATING BUDGET EFFECTS									
Elements	PREVIOUS YEARS EXPENSES	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Personnel Costs								\$ 17,600	\$ 17,600
Operating and Maintenance									\$ -
Capital Outlays								\$ 9,900	\$ 9,900
<b>Total Operating Costs</b>	<b>\$ -</b>	<b>\$ -</b>			<b>\$ -</b>	<b>\$ -</b>		<b>\$ 27,500</b>	<b>\$ 27,500</b>
Minus New Revenues*				\$ -					\$ -
<b>Net Operating Effect</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 27,500</b>	<b>\$ 27,500</b>
New Personnel (FTE)								0.3	0.3

# Lease-Purchase Schedule for Vehicles and Equipment

## Project Description

The Town's policy and practice is to provide adequate maintenance of Town vehicles and equipment and for their orderly rehabilitation and replacement, within available revenue and budgetary limits. The Town funds vehicle and equipment (exceeding \$25,000 per item) additions and replacements using installment financing (see schedule on following pages). In regards to vehicles, the Public Works Department evaluates whether there are suitable hybrids or alternative fuel vehicles available before purchasing non-hybrids or non-alternative vehicles.

## Define Problem

Maintenance of capital assets is one of many important criteria used by credit rating agencies to assess the fiscal health and credit rating of an organization. In addition, regular and appropriate replacement cycles ensure an efficient service delivery system that is not hampered by time lost to repairs, broken parts, or maintaining outdated equipment or vehicles.

The Town should provide for the adequate maintenance and replacement of vehicles and equipment on a regular schedule to ensure efficient and effective service delivery. The Public Works Department reviews all vehicle re-

quests and makes recommendations based on replacement criteria identified in the Town's policies.

## Project Alternatives

Without this schedule the alternative would be to incur major expenses to maintain vehicles and equipment that are outdated and beyond their useful life.

## Recommended Solution Operating Impact

The majority of items requested are replacement vehicles and operational costs are minimized by replacing the vehicles in a timely manner. FY12-13 includes one addition to the fleet with a new patrol vehicle and replacement of a solid waste vehicle and pumper fire truck which were in last years replacement schedule but due to budget constraints were delayed one year.

### PROJECT COST ESTIMATES

Expenditures	PREVIOUS YEARS EXPENSES	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Planning/Arch/Eng									\$ -
Land/ROW									\$ -
Construction									\$ -
Equip/Furnishing	\$ 560,500	\$ 298,850	\$ 1,118,880	\$ 1,071,528	\$ 1,655,323	\$ 904,433	\$ 678,586	\$ 665,362	\$ 6,953,462
Other									\$ -
Contingencies									\$ -
<b>TOTAL</b>	<b>\$ 560,500</b>	<b>\$ 298,850</b>	<b>\$ 1,118,880</b>	<b>\$ 1,071,528</b>	<b>\$ 1,655,323</b>	<b>\$ 904,433</b>	<b>\$ 678,586</b>	<b>\$ 665,362</b>	<b>\$ 6,953,462</b>

### FUNDING SOURCES

Revenue Source	PREVIOUS YEARS REVENUE	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Installment Financing	\$ 560,500	\$ 298,850	\$ 1,118,880	\$ 1,071,528	\$ 1,655,323	\$ 904,433	\$ 678,586	\$ 665,362	\$ 6,953,462
GO Bond									\$ -
Capital Reserves									\$ -
Intergovernmental Revenues									\$ -
General Fund Operating Revenues									\$ -
Miscellaneous - Payment in Lieu									\$ -
<b>Total Funding</b>	<b>\$ 560,500</b>	<b>\$ 298,850</b>	<b>\$ 1,118,880</b>	<b>\$ 1,071,528</b>	<b>\$ 1,655,323</b>	<b>\$ 904,433</b>	<b>\$ 678,586</b>	<b>\$ 665,362</b>	<b>\$ 6,953,462</b>

### OPERATING BUDGET EFFECTS

Elements	PREVIOUS YEARS REVENUE	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Personnel Costs									\$ -
Operating and Maintenance									\$ -
Capital Outlays									\$ -
Total Operating Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Minus New Revenues*									\$ -
Net Operating Effect	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
New Personnel (FTE)									0.0

## ***Lease-Purchase Schedule, continued***

The following table provides a breakdown, by fiscal year, of the cost estimates provided in the previous table.

<b>Fiscal Year 2012-2013</b>			
Replacement	Police	Patrol Vehicles-Replace vehicle #211	\$ 35,280
Replacement	Police	Patrol Vehicles-Replace vehicle #212	\$ 35,280
Replacement	Police	Patrol Vehicles-Replace vehicle #213	\$ 35,280
Replacement	Police	Patrol Vehicles-Replace vehicle #214	\$ 35,280
Replacement	Police	Community Services-Replace vehicle #210	\$ 35,280
Addition	Police	Patrol Vehicle	\$ 35,280
Replacement	Fire-Rescue	Sedan - Replace #982 / with F-150 4x4 Pick-Up	\$ 25,200
Replacement	Public Works	Solid Waste - Front Loader- Replace #56	\$ 231,000
Replacement	Fire	Pumper Truck-Replace #934	\$ 651,000
			<b>TOTAL</b>
			<b>\$ 1,118,880</b>
<b>Fiscal Year 2013-2014</b>			
Replacement	Rec & Parks	Small Pick up -Replace #015	\$ 17,420
Replacement	Rec & Parks	Full SizePick up -Replace #016	\$ 16,800
Replacement	Planning	Mid size SUV - Replace #135	\$ 29,400
Replacement	Police	Patrol Vehicles-Replace vehicle #215	\$ 37,044
Replacement	Police	Patrol Vehicles-Replace vehicle #216	\$ 37,044
Replacement	Police	Patrol Vehicles-Replace vehicle #217	\$ 37,044
Replacement	Police	Patrol Vehicles-Replace vehicle #218	\$ 37,044
Replacement	Police	Patrol Vehicles-Replace vehicle #219 K-9	\$ 37,044
Replacement	Police	Patrol Vehicles-Replace vehicle #221	\$ 37,044
Addition	Police	Patrol Vehicle	\$ 37,044
Replacement	Police	Administration- Replace vehicle #203	\$ 30,800
Replacement	Police	Administration- Replace vehicle #004	\$ 30,800
Replacement	Public Works	Solid Waste - Fully Automated - Replace #54 Autocar Expert 2000 Body	\$ 256,000
Addition	Public Works	Vacuum Leaf Loader Truck	\$ 200,000
Addition	Public Works	Solid Waste - Front Loader New Addition to Fleet	\$ 231,000
			<b>TOTAL</b>
			<b>\$ 1,071,528</b>
<b>Fiscal Year 2014-2015</b>			
Replacement	Public Works	Streets-New Holland Tractor Replace #044/Boom Mower-Replace #040	\$ 96,000
Replacement	Public Works	Streets-Sweeper Truck-Replace vehicle #008	\$ 240,000
Replacement	Public Works	Streets-F-450 Truck-Replace vehicle #017	\$ 50,000
Replacement	Public Works	Solid Waste-Condor Labire #800	\$ 268,800
Replacement	Planning	Ford F-150-Replace # 134	\$ 18,000
Replacement	Police	Patrol Vehicles-Replace vehicle #222	\$ 38,900
Replacement	Police	Patrol Vehicles-Replace vehicle #223	\$ 38,900
Replacement	Police	Patrol Vehicles-Replace vehicle #224	\$ 38,900
Replacement	Police	Patrol Vehicles-Replace vehicle #225	\$ 38,900
Replacement	Police	Patrol Vehicles-Replace vehicle #226 K-9	\$ 38,900
Addition	Police	Patrol Vehicle	\$ 38,900
Replacement	Police	Investigations-Replace # 227	\$ 31,395
Replacement	Fire-Rescue	Engine-1998 Ferrara-Replace #931	\$ 717,728
			<b>TOTAL</b>
			<b>\$ 1,655,323</b>

## *Lease-Purchase Schedule, continued*

<b>Fiscal Year 2015-2016</b>			
Replacement	Public Works	Solid Waste - Replace #801	\$ 282,240
Replacement	Public Works	Fleet Maintenance-Hybrid Sedan-Replace vehicle #220	\$ 28,000
Replacement	Public Works	Streets-F-350 4x4 Truck-Replace vehicle #041	\$ 36,465
Replacement	Public Works	L&G-Dump Truck-Replace vehicle #031	\$ 53,600
Replacement	Public Works	L&G John Deere Tractor-Replace vehicle #064	\$ 41,000
Replacement	Public Works	L&G John Deere 997 Mower-Replace #603	\$ 16,328
Replacement	IT	Mid size van-Replace vehicle #012	\$ 21,000
Replacement	Rec & Parks	Ford E-350 Van-Replace vehicle # 701	\$ 33,700
Replacement	Police	Patrol Vehicles-Replace vehicle #229	\$ 40,845
Replacement	Police	Patrol Vehicles-Replace vehicle #230	\$ 40,845
Replacement	Police	Patrol Vehicles-Replace vehicle #231	\$ 40,845
Replacement	Police	Patrol Vehicles-Replace vehicle #235 K-9	\$ 40,845
Addition	Police	Patrol Vehicle	\$ 40,845
Replacement	Police	Investigations-Replace #234	\$ 33,000
Replacement	Police	Community Services-Replace vehicle #228	\$ 40,845
Replacement	Police	Community Services-Replace vehicle #232	\$ 40,845
Replacement	Police	Community Services-Replace vehicle #233	\$ 40,845
Replacement	Planning	Hybrid Honda Civic	\$ 32,340
		<b>TOTAL</b>	<b>\$ 904,433</b>
<b>Fiscal Year 2016-2017</b>			
Replacement	Public Works	Fleet Maintenance-Ford Ranger 4x4 Replace vehicle #700	\$ 24,441
Replacement	Public Works	Streets-580/Case Backhoe Super M #060	\$ 87,106
Replacement	Public Works	L&G-Ford F350 With Flat Bed Utility #602	\$ 32,162
Replacement	Public Works	L&G-Ford Ranger Replace vehicle # 600	\$ 21,441
Replacement	Public Works	Solid Waste-Condor Labire #802	\$ 334,000
Replacement	Police	Investigations-Replace vehicle # 237	\$ 34,842
Addition	Police	Patrol Vehicle	\$ 42,880
Replacement	Fire-Rescue	Ford F-250 HD 4x4 Shift Comander Replace vehicle # 987	\$ 53,470
Replacement	Public Works	Streets - Replace Lee Boy Roller #039	\$ 48,244
		<b>TOTAL</b>	<b>\$ 678,586</b>
<b>Fiscal Year 2017-2018</b>			
Replacement	Public Works	Fleet Maintenance-Ford Ranger Replace vehicle #706	\$ 21,000
Replacement	Public Works	Supervision-Ford Ranger Replace vehicle #704	\$ 21,000
Replacement	Public Works	Building & Maintenance-Ford Ranger Replace vehicle #705	\$ 21,000
Replacement	Public Works	Streets - Dump Truck Replace vehicle #033	\$ 108,000
Replacement	Public Works	L&G-Ford F-250 HD 4 X 2 Replace vehicle #604	\$ 28,670
Replacement	Public Works	Solid Waste - Autocar Frontloader #804	\$ 294,000
Replacement	Police	Patrol Vehicles-Replace vehicle #202	\$ 45,024
Replacement	Police	Patrol Vehicles-Replace vehicle #236 K-9	\$ 45,024
Replacement	Police	Patrol Vehicles-Replace vehicle #238	\$ 45,024
Replacement	Fire-Rescue	Supervision-Ford Expedition #986	\$ 36,620
		<b>TOTAL</b>	<b>\$ 665,362</b>

# Weaver Street Reconstruction

## Project Description

The Weaver Street Reconstruction project includes the removal and reconstruction of the existing road, removal and replacement of curb and gutter, the installation of additional storm inlets and piping to improve storm drainage in the block of W. Main to N. Greensboro, and the replacement of an existing 12 inch water main in both blocks. The cost for the water main replacement will be paid for by OWASA.

## Define Problem

It was determined in 1997 that due to the poor condition of the existing sub-grade and base that the removal and replacement of all the pavement, base materials, sub-grade materials and curb & gutter would be necessary. Sun-gate and Town staff were working on finalizing design plans in Summer of 2000 when the project was put on hold knowing that a Downtown Vision 2020 Report was anticipated. It was decided at the time it would be prudent to delay work so that any recommendations for design consideration that might come from

the report could be considered as part of the construction project. This way Weaver Street could include suggested items such as decorative street lights, benches, and wider sidewalks, etc. As of April 2003, no decisions had been made from the Downtown Vision Report on what suggestions should be included in the project.

A Downtown Transportation Circulation Study was being discussed in early 2003. Subsequently, the project was put on hold again pending the outcome of the study. A

resolution was adopted in April of 2003 that recommended the re-examination of the Weaver Street project when the Downtown Transportation Circulation Study was completed.

The Downtown Traffic Circulation Study, as prepared by Kimley-Horn and Associates, was presented to the Board in June of 2005. Kimley-Horn recommended several street projects as a result of the study including Weaver Street.

Expenditures	PREVIOUS YEARS EXPENSES	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Planning/Arch/Eng	\$ 136,911	\$ 113,189							\$ 250,100
Land/ROW									\$ -
Construction	\$ 378,522	\$ 664,478							\$ 1,043,000
Equip/Furnishing									\$ -
Other									\$ -
Contingencies		\$ 173,270							\$ 173,270
<b>TOTAL</b>	<b>\$ 515,433</b>	<b>\$ 950,937</b>	<b>\$ -</b>	<b>\$ 1,466,370</b>					

FUNDING SOURCES									
Revenue Source	PREVIOUS YEARS REVENUE	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Installment Financing									\$ -
GO Bond									\$ -
Capital Reserves	\$ 515,433	\$ 600,937							\$ 1,116,370
Intergovernmental Revenues		\$ 350,000							\$ 350,000
General Fund Operating Revenues									\$ -
Miscellaneous - Payment in Lieu									\$ -
<b>Total Funding</b>	<b>\$ 515,433</b>	<b>\$ 950,937</b>	<b>\$ -</b>	<b>\$ 1,466,370</b>					

OPERATING BUDGET EFFECTS									
Elements	PREVIOUS YEARS EXPENSES	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Personnel Costs									\$ -
Operating and Maintenance									\$ -
Capital Outlays									\$ -
Total Operating Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Minus New Revenues*									\$ -
Net Operating Effect	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
New Personnel (FTE)									0.0

The basic repaving of Weaver Street was first programmed in the CIP beginning with FY 2006-07. In November of 2007 the Board adopted a resolution for the CIP to include the least expensive option for Weaver Street which is basically reconstruction of the street only as outlined in the Project Description above.

The project is currently under construction and scheduled for completion in Spring 2012.

**Project Alternatives**

None.

**Recommended Solutions**

Reconstruction of the roadway including the installation of storm sewer and the replacement of an existing 80 year old water main.

**Operating Impact**

These two blocks of Weaver Street were in poor condition and required annual maintenance in terms of asphalt patching. Reconstruction of the roadway will reduce this routine maintenance requirement.

# Information Technology Schedule

## Project Description

All new Information Technology projects that cost \$15,000 or greater are included on the Information Technology Schedule (individual projects are listed in the schedule on the following page).

Included in FY12-13 are costs for a street sign management system which is a requirement of the Federal Highway Administration. This system will allow the Town to record and maintain data on Town managed traffic sign retroreflectivity. Other projects include in-car video system for police vehicles and website development and streaming Board of Aldermen video hosting.

## Define Problem

Maintenance and upgrades of information technology are critical to the efficient and effective operations of the Town. Regular and appropriate replacement cycles ensure a service delivery system that is not hampered by time lost to repairs, broken parts, or maintaining outdated equipment.

## Project Alternatives

When information technology is not updated or replaced on a consistent schedule, excessive downtime or staff time may be devoted to maintaining outdated equipment. This could disrupt services provided by the Town in a detrimental way that

affects service delivery.

## Recommended Solution

The Town should provide for the maintenance and upgrade of information technology on a regular ongoing basis to ensure efficient and effective service delivery.

## Operating Impact

The operating impact is the cost of annual software support and upgrades.

PROJECT COST ESTIMATES									
Expenditures	PREVIOUS YEARS EXPENSES	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Planning/Arch/Eng									\$ -
Land/ROW									\$ -
Construction									\$ -
Equip/Furnishing	\$ 15,000		\$ 101,500	\$ 15,500	\$ 55,000				\$ 187,000
Other									\$ -
Contingencies									\$ -
<b>TOTAL</b>	<b>\$ 15,000</b>	<b>\$ -</b>	<b>\$ 101,500</b>	<b>\$ 15,500</b>	<b>\$ 55,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 187,000</b>
FUNDING SOURCES									
Revenue Source	PREVIOUS YEARS REVENUE	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Installment Financing									\$ -
GO Bond									\$ -
Capital Reserves									\$ -
Intergovernmental Revenues									\$ -
General Fund Operating Revenues	\$ 15,000	\$ -	\$ 101,500	\$ 15,500	\$ 55,000	\$ -	\$ -	\$ -	\$ 187,000
Miscellaneous - <i>Payment in Lieu</i>									\$ -
<b>Total Funding</b>	<b>\$ 15,000</b>	<b>\$ -</b>	<b>\$ 101,500</b>	<b>\$ 15,500</b>	<b>\$ 55,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 187,000</b>
OPERATING BUDGET EFFECTS									
Elements	PREVIOUS YEARS EXPENSES	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18 AND BEYOND	TOTAL PROJECT
Personnel Costs									\$ -
Operating and Maintenance		\$ -	\$ 3,200	\$ 19,500	\$ 1,500	\$ 15,000			\$ 39,200
Capital Outlays									\$ -
<b>Total Operating Costs</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,200</b>	<b>\$ 19,500</b>	<b>\$ 1,500</b>	<b>\$ 15,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 39,200</b>
<i>Minus New Revenues*</i>									\$ -
<b>Net Operating Effect</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,200</b>	<b>\$ 19,500</b>	<b>\$ 1,500</b>	<b>\$ 15,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 39,200</b>
New Personnel (FTE)									0.0

## Information Technology Schedule, continued

The following table provides a breakdown, by fiscal year, of the cost of the estimates provided in the table on the previous page:

### SUMMARY OF INFORMATION TECHNOLOGY PROJECTS

Expenditures	PREVIOUS YEARS EXPENSES	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17 AND BEYOND	TOTAL
Traffic Counters	\$ 15,000							\$ 15,000
Street Sign Management System			\$ 15,000					\$ 15,000
PD In-Car Video System and Infrastructure			\$ 21,500					\$ 21,500
Tyler Forms for the Munis Financial System				\$ 15,500				\$ 15,500
Planning - Document Scanning/GIS Integration					\$ 55,000			\$ 55,000
Website Development and Streaming Board of Aldermen Video Hosting			\$ 65,000					\$ 65,000
<b>Total</b>	\$ -	\$ -	\$ 101,500	\$ 15,500	\$ 55,000	\$ -	\$ -	\$ 187,000

### OPERATING BUDGET EFFECTS

Elements	PREVIOUS YEARS EXPENSES	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17 AND BEYOND	TOTAL
Personnel Costs								\$ -
Operating and Maintenance			\$ 3,200	\$ 19,500	\$ 1,500	\$ 15,000		\$ 39,200
Capital Outlays								\$ -
<b>Total Operating Costs</b>	\$ -	\$ -	\$ 3,200	\$ 19,500	\$ 1,500	\$ 15,000	\$ -	\$ 39,200
<i>Minus New Revenues*</i>								\$ -
<b>Net Operating Effect</b>	\$ -	\$ -	\$ 3,200	\$ 19,500	\$ 1,500	\$ 15,000	\$ -	\$ 39,200