



**2015-2020
CAPITAL PLAN**

CITY OF WINSTON-SALEM, NORTH CAROLINA

Winston-Salem

OUR MISSION

The City of Winston-Salem provides quality, affordable services that ensure the health, safety and well-being of citizens, while collaborating throughout the community to ensure its economic, social and environmental vitality.

OUR VISION

A municipal government deserving of public confidence, that provides excellent and innovative services, and is an active and cooperative partner in creating a vital community.

OUR VALUES:

- ✓ Openness
- ✓ Integrity
- ✓ Equity
- ✓ Accountability
- ✓ Teamwork
- ✓ Respect for all citizens
- ✓ Fiscal soundness
- ✓ Continuous learning and improvement

PROPOSED

2015-2020 CAPITAL PLAN

CITY OF WINSTON-SALEM, NORTH CAROLINA

Winston-Salem

MAYOR Allen Joiner CITY COUNCIL Vivian H. Burke, Mayor Pro Tempore, Northeast Ward
Robert C. Clark, West Ward, Finance Committee Chairman - Denise D. Adams, North Ward
Dan Besse, Southwest Ward - Molly Leight, South Ward - Jeff MacIntosh, Northwest Ward,
Derwin L. Montgomery, East Ward - James Taylor Jr., Southeast Ward
CITY MANAGER Lee D. Garrity BUDGET & EVALUATION DIRECTOR Trevor Minor



CITY OFFICIALS

MAYOR AND CITY COUNCIL



Allen Joines
Mayor



Vivian H. Burke
Mayor Pro Tempore
Northeast Ward



Denise D. Adams
North Ward



Dan Besse
Southwest Ward



Robert C. Clark
West Ward



Molly Leight
South Ward



Jeff MacIntosh
Northwest Ward



Derwin L. Montgomery
East Ward



James Taylor, Jr.
Southeast Ward

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May 22, 2014

Dear Mayor Joines and Members of the City Council:

I hereby transmit to you the proposed 2015-2020 Capital Plan for the City of Winston-Salem. The Capital Plan provides a schedule of the City's capital appropriations for the next six years. The purpose of capital planning is to fund all appropriate capital needs by matching projects with the appropriate funding source(s) at the appropriate time. The planned capital appropriations from FY 2014-2015 through FY 2019-2020 total \$403.6 million.

The six-year Capital Plan is a guide. As such, it is subject to change and revision in the future as the initiatives and priorities of the Mayor and City Council change. Year One of the Capital Plan (FY 2014-2015) represents the budget year and is adopted with the annual operating budget. Years Two through Six are planning years.

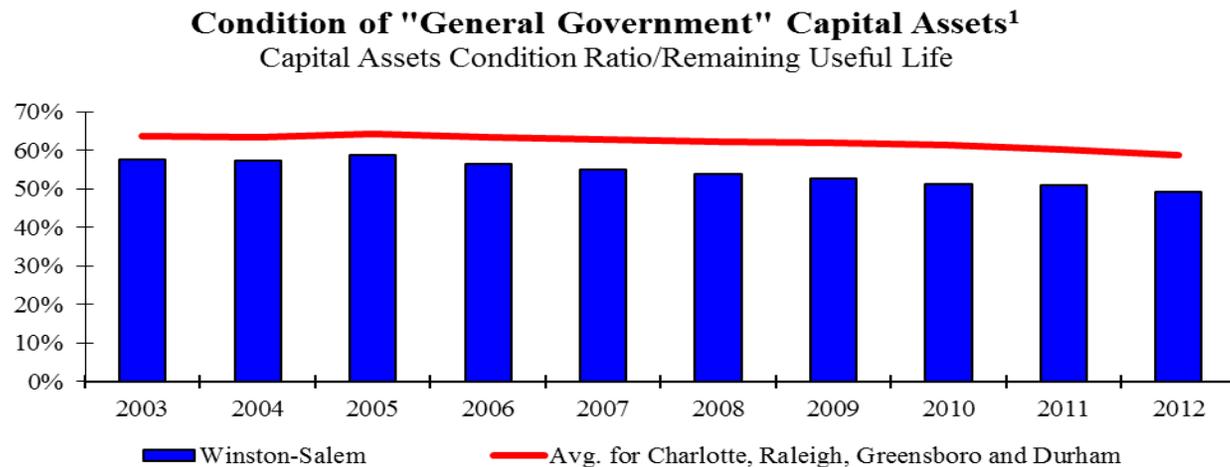
POTENTIAL BOND REFERENDUM

In February, City staff presented information about the City's unfunded capital needs and a potential plan for addressing the most critical needs. Based on feedback from the Mayor and City Council, recommendations from approved planning documents, a report from the Citizens' Capital Needs Committee, and identified major maintenance needs, City staff accumulated a list of unfunded capital needs totaling over \$709 million. The Mayor and City Council currently are reviewing a potential bond package that totals \$175 million and includes projects that would be presented for voter approval in a bond referendum in November 2014. The referendum, which would authorize the issuance of general obligation bonds, would total \$139.2 million and include projects in the areas of economic development, housing development, public safety, parks and recreation, and streets and sidewalks. The remaining \$35.8 million would fund renovations at the M.C. Benton, Jr. Convention and Civic Center and the development of Union Station into a multi-modal transportation center. The City would finance these projects by issuing limited obligation bonds, which would pledge these facilities as collateral for the debt. Descriptions for these potential bond projects are included in the final section of this document. Issuing the full \$175 million package would require an increase of 2.5 cents in the property tax rate in FY 2016.

CAPITAL PLAN OBJECTIVES

The City of Winston-Salem owns approximately \$383 million in capital assets (excluding enterprise funds), which depreciate over time. Therefore, it is critical to re-invest in existing infrastructure to avoid a situation where rapidly aging assets would affect service quality. What is needed, therefore, is an appropriate mix of re-investment as well as new investment that supports future economic prosperity.

The North Carolina Department of State Treasurer has created a model for assessing a government's financial condition, including the condition of capital assets. The "Capital Assets Condition Ratio" measures how well a government entity is investing in new and existing capital assets. Key to making a good analysis is the inclusion of a comparative benchmark using data from peer cities. A higher ratio suggests a government entity is investing more in its current capital assets and in new capital infrastructure for future prosperity. A value of less than 50% suggests that a government may be falling behind in capital asset investment and may incur future liabilities. Rating agencies generally consider this to be a non-sustainable situation.



¹ Excludes enterprise funds such as water/sewer, stormwater, and solid waste

For Winston-Salem, the capital assets condition ratio is very close to 50%, which suggests the City is close to falling behind in capital asset investment. Existing assets require more re-investment including streets and sidewalks, playgrounds, fire stations, recreation centers, general government facilities, and other infrastructure.

The Capital Plan for 2015-2020 focuses on addressing major maintenance needs through the continuation of funding for “facilities renewal” projects, which the City funded starting in FY 2006-2007 for fire stations and recreation centers. For fiscal years 2015-2020, the Capital Plan programs funds, primarily revenue bonds, two-thirds general obligation bonds, and State gasoline tax, to invest in existing water, sewer, and stormwater infrastructure; recreation and parks facilities; bridge repairs; street resurfacing; and other transportation infrastructure.

UNFUNDED CAPITAL PROJECTS

While the proposed bond package would address the City’s most critical capital needs, the package represents a quarter of the total needs that have been identified in recent years. A list of remaining unfunded capital needs, totaling \$551.9 million, is included in the final sections of this document. Winston-Salem’s peer cities of Charlotte, Raleigh, Greensboro and Durham have held a number of bond referenda in the range of \$20 to \$228 million over the last five years. The City’s most recent successful bond referendum took place in November 2000. This bond referendum totaled \$71 million and addressed a number of capital needs, including downtown development, housing development, streets and sidewalks, and a new public safety communications system. The bond referendum under consideration for 2014 would enable the City to make progress in improving our physical assets, but it is a first step in addressing our long-term strategic capital needs.

The unfunded capital needs section of the Capital Plan does not include the projects in the proposed bond referendum. The proposed projects for the referendum can be found in the final section of this document.

City staff and I stand ready to further discuss the potential bond package, the proposed six-year plan, and the list of unfunded capital needs.

Sincerely,

A handwritten signature in cursive script that reads "Lee D. Garrity".

Lee D. Garrity
City Manager



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Capital Plan 2015-2020

◆ Introduction

The City's Capital Plan is a six-year plan for the scheduling and appropriation of funds for major projects that represent significant contributions to the City's overall inventory of physical assets. The types of projects traditionally included in the Capital Plan are major, non-recurring expenditures for:

- construction, purchase, or major renovation of buildings, utility systems, streets, or other physical structures;
- purchase of land for redevelopment, right-of-way for streets and utilities, parks, and sites associated with public buildings;
- stimulation of economic development and housing (for business parks, downtown development, housing production, housing rehabilitation, and housing loans and grants).

To be considered for inclusion in the Capital Plan, the project must meet the following criteria:

- project or equipment life of greater than ten years;
- estimated cost of at least \$50,000 (\$150,000 for equipment).

The first year of the Capital Plan represents the actual capital project budget appropriations for that year. Approval of the Capital Plan, therefore, commits the City to the first year of capital projects, with conditional approval for those projects listed in the five future planning years. Each year, the Capital Plan is updated with the inclusion of the previously approved capital budget in "Prior Year Appropriations" and the addition of a planning year in order to maintain a six-year program.

◆ Capital Plan Preparation Calendar

The Capital Plan is prepared annually, typically beginning with a planning session in October for key department and division heads. At the meeting, the city manager, along with the budget and planning staffs, presents information concerning the City's environment for long-range capital planning and reviews the City's existing long-range plans and guidelines. The budget staff reviews the projects included in the previously approved Capital Plan and discusses the requirements for submitting new projects for consideration in the upcoming plan. Subsequent steps in the Capital Plan preparation process include the following:

<i>October to December</i>	Departmental preparation of project requests: Requests include information concerning project justification (objectives, who benefits, and priority), cost estimates, available resources, project timing requirements, and impact on the operating budget.
<i>January</i>	Budget and planning staff review of project requests: Review includes detailed verification of project description, justification, priorities, and cost estimates.
<i>February</i>	Budget staff draft of initial projects to be included in the upcoming Capital Plan: Draft is reviewed internally with departments, assistant managers, and the city manager.
<i>March to April</i>	Capital Plan proposal along with the annual operating budget proposal prepared for submission to the Mayor and City Council in late May.

◆ Capital Plan Overview

The Capital Plan provides a capital appropriations schedule for fiscal years 2015-2020 totaling \$403.6 million. This total includes projects funded by general fund, two-thirds bonds, utility revenue bonds, state and federal grants, gasoline taxes, North Carolina Municipal Leasing Corporation proceeds, capital reserves, and other resources. The final sections of this document provide a list of unmet capital needs totaling \$551.9 million and projects identified for a potential bond referendum.

◆ Expenditure Overview: 2015-2020

Community and Economic Development Projects

Community and economic development projects represent \$10.4 million, or 2.6%, of the total Capital Plan for 2015-2020.

The five-year Consolidated Housing and Community Development Plan accounts for the total planned appropriations (\$10.4 million).

Environmental Health Projects

Environmental health projects represent the largest investment, \$284.8 million, or 70.6%, of the total Capital Plan for 2015-2020.

Environmental health projects include major capital investments in solid waste disposal, water/wastewater treatment, water distribution/wastewater collection, and stormwater management. The Capital Plan includes expansion of Hanes Mill Road Landfill and construction of a methane gas system at Hanes Mill Road Landfill (\$7.4 million).

Water and sewer system projects (\$267.2 million) include upgrades to water and wastewater treatment facilities and reinvestments in the 100 year old water distribution and wastewater collection system. Major projects include the South Fork critical improvements program (\$101.6 million) and capacity improvements to the Muddy Creek Basin (\$41.4 million). The City-County Utility Commission will approve each project-related contract as the projects are scheduled for implementation.

Stormwater projects include stormwater infrastructure renovations (\$5.1 million), phase two of the City Yard contamination evaluation and clean-up (\$2.6 million), drainage improvements on private property (\$1.5 million), basin study updates (\$600,000), and participation in the Federal Emergency Management Agency grant funding programs (\$528,670).

Public Safety Projects

Public safety projects total \$7.6 million, or 1.9%, of the total Capital Plan for 2015-2020.

Investments in public safety over the six-year period include regular replacement of fire apparatus (\$6.7 million) and fire stations facility renewal projects for regular “wear-and-tear” maintenance (\$880,000).

Transportation Projects

Transportation projects total \$71.7 million, or 17.8%, of the total Capital Plan for 2015-2020.

Transportation projects are categorized as streets and sidewalks projects and mass transit projects. These projects invest in Winston-Salem's transportation system over the next six years. The streets and sidewalks section of the Capital Plan includes bridge replacements, construction of a new traffic signal system, additional sidewalk construction and repairs, bicycle and pedestrian facility improvements, intersection improvements, street resurfacing, traffic calming, and traffic safety projects (\$36.1 million).

The six-year Capital Plan provides for investments in future greenways using an allocation of the \$5 motor vehicle privilege tax designated for non-vehicular transportation (\$690,000).

The six-year capital plan for the Winston-Salem Transit Authority (WSTA) includes the replacement of fixed route and Trans-AID buses, transit facility renovations, vehicle maintenance, passenger amenities, and security enhancements (\$17.3 million). The Federal Transit Administration provides most of the funding for these projects. Fixed route and Trans-AID bus replacements are included in the Capital Plan to show WSTA's projected replacement schedule; however, some replacements currently are unfunded.

As part of a potential \$175 million bond package, the proposed FY 14-15 capital budget includes the appropriation of \$18.3 million in limited obligation bonds for the development of Union Station into a multi-modal transportation center.

Recreation and Culture Projects

Recreation and culture projects total \$24.4 million, or 6.0%, of the total Capital Plan for 2015-2020.

Major projects associated with recreation and parks facilities include: playground renovations (\$1.2 million), swimming pool repairs (\$835,000), recreation facilities renewal projects for regular “wear-and-tear” maintenance (\$735,000), tennis court resurfacing and renovations (\$500,000), and picnic shelter renovations/replacements (\$470,000).

For public assembly facilities, the Capital Plan includes funding for renovations to the M. C. Benton, Jr. Convention and Civic Center. Under the City’s agreement with Noble-Interstate, LLC, the City will continue to provide \$250,000 per year for capital needs at the convention center (\$1.5 million over the next six years). The City’s contribution for FY 14-15 was appropriated during FY 13-14 to replace a boiler. As part of a potential \$175 million bond package, the proposed FY 14-15 capital budget includes the appropriation of \$17.5 million in limited obligation bonds for major renovations to the convention center to enhance the facility’s marketability.

General Government

General government projects total \$4.7 million, or 1.2%, of the total Capital Plan for 2015-2020.

Projects include fence replacement along Shorefair Drive (\$100,000); City Hall renovations (\$200,000); TV 13 video equipment upgrade (\$250,000); work order management/electronic plan review solution (\$2.5 million); and fiber optic upgrades (\$1.6 million). The fiber optic upgrade, which would enable the City to reduce future information systems expenses, would be funded from a number of sources, including information systems fund balance, general fund balance, water and sewer fund balance, and a contribution from the school system.

◆ **Funding Source Overview: 2015-2020**

General Fund

General fund balance appropriations represent 0.7% of the total resources in the 2015-2020 Capital Plan.

The Capital Plan includes a fund balance appropriation of \$2.2 million in FY 14-15 to fund smaller maintenance projects. The selected projects were identified during the review of unfunded capital needs.

Bonds

Bond financing accounts for 50.2% of the total resources in the 2015-2020 Capital Plan.

Two-Thirds Bonds

The Mayor and City Council has statutory authority to issue bonds without a referendum in amounts up to two-thirds of the net retired principal debt in the previous year. These bonds are referred to as "two-thirds" bonds. The six-year Capital Plan includes \$11.9 million in two-thirds bond projects, including renovations to the City's infrastructure and major maintenance of City facilities.

The following presents a breakdown of two-thirds bond funding by service area.

Transportation	57.8%
Recreation and Culture (Recreation & Parks)	34.8%
Public Safety (Fire)	7.4%

A complete list of the projects to be funded from two-thirds bonds can be found on page 19.

Two-thirds bonds account for \$11.9 million of the total resources in the Capital Plan.

Revenue Bonds

The Mayor and City Council may authorize the issuance of revenue bonds for those enterprise funds that will generate their own revenues. No debt limitations are applied, and voter approval is not required because property taxes are not pledged to retire revenue bonds. The six-year Capital Plan includes \$154.8 million in revenue bonds to finance water and sewer capital projects.

Revenue bonds represent the largest funding source, \$154.8 million of the total resources in the Capital Plan.

Limited Obligation Bonds

The Mayor and City Council may authorize the issuance of limited obligation bonds (LOBS), which require a pledge of City assets as collateral to secure the financing. Voter approval is not required. The Capital Plan includes \$35.8 million in limited obligation bonds for improvements to the M.C. Benton, Jr. Convention and Civic Center and development of Union Station into a multi-modal transportation center.

General Obligation Bonds

The Mayor and City Council currently are considering a list of capital needs to fund through a potential bond referendum in November 2014. These projects would address needs in the areas of economic development, housing development, public safety, recreation and parks, and streets and sidewalks. Because the bonds have not been authorized, these projects are not appropriated as part of the proposed FY 14-15 capital budget. If the projects are approved in a bond referendum, City staff will prepare a budget amendment to appropriate the bond proceeds. The potential list of projects is provided in the final section of this document.

Intergovernmental Resources

Intergovernmental resources represent 24.7% of the total resources in the Capital Plan.

Intergovernmental resources totaling \$99.8 million include: \$52.6 million in State Revolving Loan funds for water and sewer projects; \$12.7 million in Federal Transit Administration funds for fixed route and Trans-AID bus replacements and other transit-related capital projects; \$8.4 million in Community Development Block Grant funds, HOME Trust funds, and program income for housing development; \$7.2 million from the North Carolina gasoline tax (i.e., Powell Bill funds) for street resurfacing and construction of a new traffic signal system; \$10.3 million from the North Carolina Department of Transportation for bridge replacements; and \$8.6 million in federal Surface Transportation Program-Direct Apportionment (STP-DA) funding for bicycle and pedestrian facility improvements and intersection improvements.

Reserves

Reserves account for 21.0% of the total resources in the Capital Plan.

The Capital Plan includes appropriations of \$84.7 million from various reserves and project balances to fund projects in community and economic development, environmental health, transportation, and general government.

In the community and economic development service area, the Capital Plan includes appropriations from housing finance assistance fund balance to provide for single-family housing production and homeowner assistance (\$2.0 million).

In the environmental health service area, capital reserves are appropriated to fund improvements for solid waste disposal, the water and sewer system, and stormwater management. The plan appropriates \$2.9 million in solid waste disposal fund reserves for continued expansion of Hanes Mill Road Landfill and expansion of the methane gas collection system. The plan also appropriates \$60.2 million in water and sewer fund balance to provide for major maintenance of water and wastewater treatment facilities and water distribution and wastewater collection system improvements. The Capital Plan also appropriates \$10.3 million in stormwater management fund balance to pay for public drainage system improvements and drainage improvements on private properties that meet the criteria of the City's "70/30" policy.

The Capital Plan uses \$4.4 million from capital project reserves as a portion of the funding for continued expansion of Hanes Mill Road Landfill. The 20% local match for Surface Transportation Program - Direct Apportionment (STP-DA) funds for intersection improvements and bicycle and pedestrian facility improvements accounts for \$1.7 million of capital project reserves.

The Capital Plan includes \$2.8 million from Winston-Salem Transit Authority reserves to provide the local match for federal transit capital funds. This amount includes the use of reserves to match future grants for fixed route and Trans-AID bus replacements.

The Capital Plan uses \$300,000 from information systems fund balance to provide a portion of the funding for the fiber optic upgrade.

Other

Other resources account for \$13.9 million or 3.4% of the total resources in the Capital Plan.

Motor Vehicle Privilege Tax

In August 2005, the North Carolina General Assembly adopted local legislation that permitted the City to increase the motor vehicle privilege tax from \$10 up to \$20, in \$5 increments. In February 2006, the Mayor and City Council authorized the levy of the first \$5 of the new motor vehicle privilege tax. According to the legislation, one-third of the proceeds from the new tax must be used for traffic management functions such as traffic calming, one-third must be used for public transit such as bus and streetcar systems, and one-third must be used for non-vehicular transportation functions such as sidewalks and greenways. The Capital Plan includes \$3.2 million in proceeds from the first \$5 for the purposes noted above, except non-capital transit expenditures. The Mayor and City Council has not adopted the second \$5 increment. A complete list of the projects to be funded from this tax can be found on page 21.

The motor vehicle privilege tax accounts for 0.8% of the total resources in the Capital Plan.

Cable Franchise Fee

The Capital Plan includes \$100,000 from Cable Franchise Fees to fund video production equipment upgrades for TV 13.

North Carolina Municipal Leasing Corporation

The Capital Plan finances \$9.9 million in capital needs through the North Carolina Municipal Leasing Corporation (NCMLC). This funding will be used for the regular replacement of fire apparatus, TV 13 video production equipment upgrades, and facility improvements at the M.C. Benton, Jr. Convention and Civic Center.

Financing these capital needs through the NCMLC accounts for 2.5% of the total resources in the Capital Plan.

Contributions/Sponsorships

The Capital Plan includes \$636,840 in anticipated contributions and sponsorships over the next six years for the following: the fiber optic upgrade (\$536,840) and playground renovations (\$100,000).

Contributions and sponsorships account for 0.2% of the total resources in the Capital Plan.

◆ **Impact on the Operating Budget: 2015-2020**

Several projects in the Capital Plan would have a quantifiable impact on the City's operating budget once they are completed. A summary is provided below:

Public Safety/Fire Department

- Fire Apparatus Replacement (\$2.3 million in general fund support over the six-year period for 10-year lease payments, offset by retiring lease payments)

Recreation and Culture

- Convention Center Capital Renovations (\$1.45 million in general fund support over the six-year period per the agreement with Noble-Interstate, LLC)

The impact to the general fund budget over the next six years totals \$3.8 million, for an average annualized impact of \$633,000.

A more detailed description of each project's operating impact can be found in the following service area sections, which include a description and financial summary for each project.

◆ **Unfunded Capital Needs**

Over the last several years, the City staff has compiled a list of unmet capital needs through feedback from the Mayor and City Council, departments, and citizens. In December 2010, the Mayor and City Council created the Citizens' Capital Needs Committee to review these unmet needs and make recommendations for what the Mayor and City Council should consider for a potential bond referendum. In April 2011, the Mayor and City Council formally received the report of the Citizens' Capital Needs Committee.

Beginning in February 2014, the Mayor and City Council held a series of meetings to review the City's unfunded capital needs. During the review process, the Mayor and City Council considered what projects would be appropriate for a potential bond referendum, what the city could afford to address, and the possible impact on the tax rate. From the input received during the review process, the Mayor and City Council decided it was time to move forward with the concept of a bond referendum in 2014. City staff developed a proposed list of projects, totaling \$139.2 million, that could be included on a potential bond referendum. Those projects are listed in the last section of this document.

The entire bond package totals \$175 million. General obligation bonds would be used to fund \$139.2 million in projects for public safety, parks and recreation, economic development, housing development, and streets and sidewalks needs. These projects would require voter approval in November 2014 to move forward. The other portion of the bond package totals \$35.8 million in limited obligation bonds for the M.C. Benton, Jr. Convention and Civic Center and Union Station which would be issued in fiscal year 2014-2015. Limited obligation bonds do not require voter approval but would require the approval of the Mayor and City Council.

The list of unfunded capital needs, which total \$551.9 million, does not include projects listed in the bond referendum section.

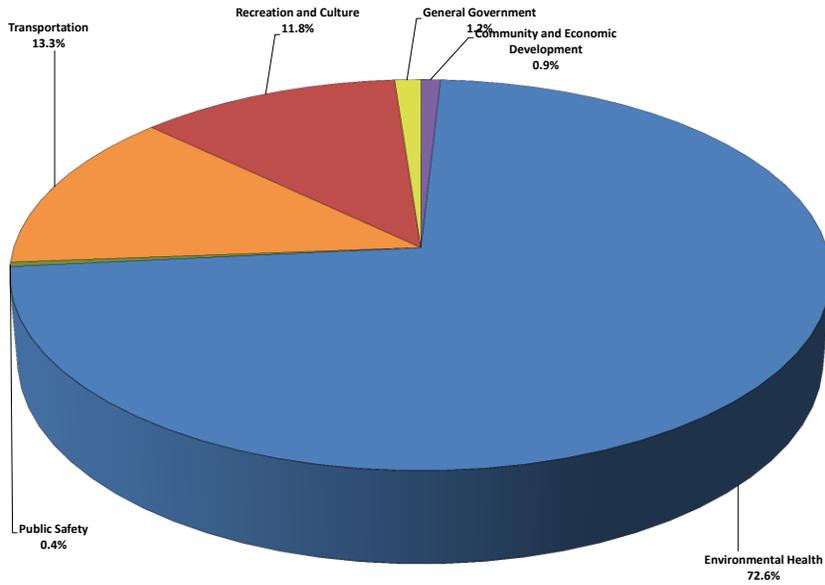
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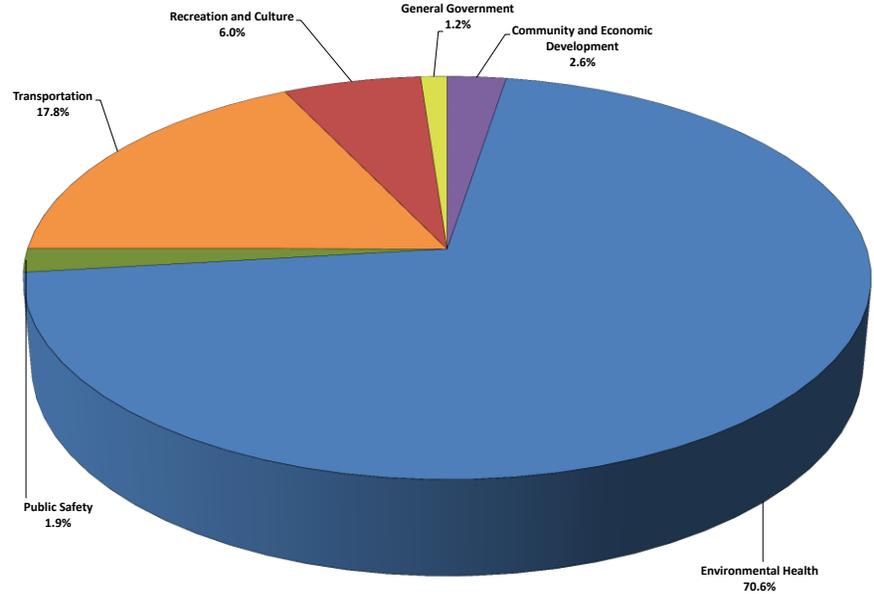
Expenditure Totals by Service Area

Budget Year Summary 2014-2015



Budget Year Total: \$161,701,390

Six-Year Summary 2015-2020



Six-Year Total: \$403,629,840

EXPENDITURE TOTALS BY SERVICE AREA

Project Title	Budget Year 2014-2015	Planning Year 2015-2016	Planning Year 2016-2017	Planning Year 2017-2018	Planning Year 2018-2019	Planning Year 2019-2020	Total Planned
Community and Economic Development	\$1,422,140	\$1,796,200	\$1,796,200	\$1,796,200	\$1,796,200	\$1,796,200	\$10,403,140
Environmental Health	117,355,060	38,545,050	41,691,100	24,525,410	35,006,700	27,708,000	284,831,320
Public Safety	573,690	1,714,960	1,241,000	1,773,370	1,395,960	925,900	7,624,880
Transportation	21,450,500	8,688,000	9,310,500	16,235,500	4,775,500	11,275,500	71,735,500
Recreation and Culture	19,000,000	1,750,000	250,000	1,485,000	250,000	1,650,000	24,385,000
General Government	1,900,000	2,750,000	0	0	0	0	4,650,000
Total Proposed Expenditures	\$161,701,390	\$55,244,210	\$54,288,800	\$45,815,480	\$43,224,360	\$43,355,600	\$403,629,840

EXPENDITURE TOTALS BY PROJECT

Project Title	Budget Year 2014-2015	Planning Year 2015-2016	Planning Year 2016-2017	Planning Year 2017-2018	Planning Year 2018-2019	Planning Year 2019-2020	Total Planned
Community and Economic Development							
Housing Development:							
Homeowner Assistance / Production	\$1,170,940	\$1,550,000	\$1,550,000	\$1,550,000	\$1,550,000	\$1,550,000	\$8,920,940
Neighborhood Development	61,200	61,200	61,200	61,200	61,200	61,200	367,200
Rental Housing Assistance / Production	190,000	185,000	185,000	185,000	185,000	185,000	1,115,000
Subtotal	\$1,422,140	\$1,796,200	\$1,796,200	\$1,796,200	\$1,796,200	\$1,796,200	\$10,403,140
Environmental Health							
Solid Waste Disposal:							
Hanes Mill Road Landfill - Cell 5 Construction	\$0	\$6,152,000	\$0	\$0	\$0	\$735,900	\$6,887,900
Hanes Mill Road Landfill - Gas Extraction System	0	0	0	0	490,600	0	490,600
Water and Wastewater Treatment:							
15th Street Pump Station Electrical Upgrades	\$0	\$0	\$0	\$0	\$950,000	\$0	\$950,000
Archie Elledge Wastewater Treatment Plant Rehabilitation and Upgrades	680,000	2,363,000	855,000	855,000	855,000	855,000	6,463,000
Idol's Pump Station Rehabilitation - Phase II	3,650,000	0	0	0	0	0	3,650,000
Lift Station Capacity / Condition Improvements	276,700	1,463,600	644,000	633,100	134,700	134,700	3,286,800
Muddy Creek Wastewater Treatment Plant Rehabilitation and Upgrades	80,000	762,000	100,000	762,000	762,000	762,000	3,228,000
R.W. Neilson Water Treatment Plant - Phase II Modernization	0	0	1,870,000	8,930,000	0	2,105,000	12,905,000
Sides Road Pump Station Electrical Upgrades	0	0	0	0	4,000,000	0	4,000,000
South Fork Critical Improvements Program	99,967,680	1,646,150	0	0	0	0	101,613,830
Water Treatment Rehabilitation and Upgrades	471,000	250,000	250,000	250,000	250,000	250,000	1,721,000
Wastewater Treatment Plan Expansion / Nutrient Upgrade	0	0	0	0	0	5,519,500	5,519,500

EXPENDITURE TOTALS BY PROJECT CONTINUED

Project Title	Budget Year 2014-2015	Planning Year 2015-2016	Planning Year 2016-2017	Planning Year 2017-2018	Planning Year 2018-2019	Planning Year 2019-2020	Total Planned
Environmental Health (Continued)							
Water Distribution and Wastewater Collection:							
21st, 22nd, and 23rd Street Water and Sewer Rehabilitation	0	4,800,000	0	0	0	0	4,800,000
Advanced Meter Infrastructure	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,000,000
Ardmore Area Water and Sewer Rehabilitation	0	0	0	0	4,400,000	0	4,400,000
Asset Management Program / Studies	1,200,000	0	0	0	500,000	0	1,700,000
Elledge Basin Capacity Improvements	0	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,500,000
Muddy Creek Basin Capacity Improvements	3,631,000	9,669,800	28,137,100	0	0	0	41,437,900
New Elevated Water Tanks	0	0	0	0	3,400,000	0	3,400,000
South Fork Basin Capacity Improvements	0	0	990,000	785,500	10,095,400	8,024,900	19,895,800
Tanglewood Lift Station Improvements	0	0	0	2,808,560	0	0	2,808,560
Wastewater Collection System Improvements	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	18,000,000
Water Distribution System Improvements	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,000,000
Water Tank Rehabilitation	800,010	1,038,500	95,000	751,250	95,000	95,000	2,874,760
Stormwater Management:							
Basin Study Updates	\$0	\$0	\$0	\$0	\$300,000	\$300,000	\$600,000
City Yard Contamination - Phase II	600,000	2,000,000	0	0	0	0	2,600,000
Drainage Improvements on Private Property	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
Federal Emergency Management Agency Severe Repetitive Loss Grant Assistance	528,670	0	0	0	0	0	528,670
Stormwater Infrastructure Renovations	220,000	650,000	1,000,000	1,000,000	1,024,000	1,176,000	5,070,000
Subtotal	\$117,355,060	\$38,545,050	\$41,691,100	\$24,525,410	\$35,006,700	\$27,708,000	\$284,831,320
Public Safety							
Fire Department:							
Fire Apparatus Replacement	\$573,690	\$1,334,960	\$1,241,000	\$1,473,370	\$1,395,960	\$725,900	\$6,744,880
Fire Stations Facility Renewal	0	380,000	0	300,000	0	200,000	880,000
Subtotal	\$573,690	\$1,714,960	\$1,241,000	\$1,773,370	\$1,395,960	\$925,900	\$7,624,880

EXPENDITURE TOTALS BY PROJECT CONTINUED

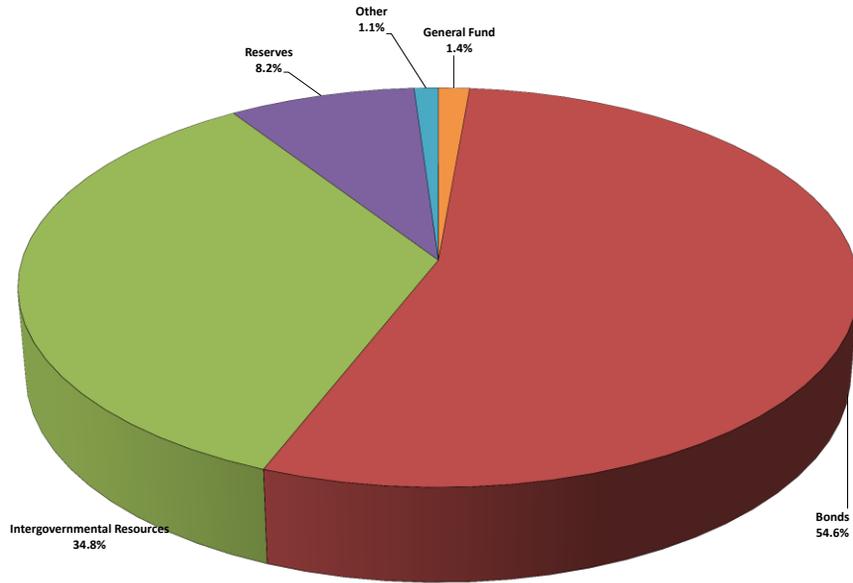
Project Title	Budget Year 2014-2015	Planning Year 2015-2016	Planning Year 2016-2017	Planning Year 2017-2018	Planning Year 2018-2019	Planning Year 2019-2020	Total Planned
Transportation							
Streets and Sidewalks:							
Bridge Repair and Replacement	\$0	\$2,900,000	\$0	\$5,000,000	\$0	\$5,000,000	\$12,900,000
Other Greenway Development	115,000	115,000	115,000	115,000	115,000	115,000	690,000
New Traffic Signal System	468,000	0	0	0	0	0	468,000
Sidewalk Maintenance / New Sidewalk Construction	155,000	155,000	155,000	155,000	155,000	155,000	930,000
STP-DA (Surface Transportation Program-Direct Apportionment)Bicycle and Pedestrian Projects	0	837,500	1,000,000	625,000	1,750,000	1,750,000	5,962,500
STP-DA (Surface Transportation Program-Direct Apportionment) Intersection Projects	0	500,000	500,000	500,000	500,000	500,000	2,500,000
Street Resurfacing Projects	1,000,000	2,498,000	1,198,000	2,698,000	1,198,000	2,698,000	11,290,000
Traffic Calming Projects	0	135,000	135,000	135,000	135,000	135,000	675,000
Traffic Safety Projects	0	135,000	135,000	135,000	135,000	135,000	675,000
Mass Transit:							
Fixed Route Bus Replacement	\$0	\$0	\$3,185,000	\$3,810,000	\$0	\$0	\$6,995,000
Passenger Amenities	666,000	666,000	1,091,000	41,000	41,000	41,000	2,546,000
Security Enhancements	41,000	41,000	41,000	41,000	41,000	41,000	246,000
Trans-AID Vehicle Replacement	0	0	1,050,000	2,275,000	0	0	3,325,000
Transit Equipment Replacement	290,000	75,000	0	252,000	0	0	617,000
Transit Facility Renovations	165,500	30,500	105,500	203,500	455,500	455,500	1,416,000
Transit Vehicle Maintenance	250,000	600,000	600,000	250,000	250,000	250,000	2,200,000
Public Transportation:							
Union Station	\$18,300,000	\$0	\$0	\$0	\$0	\$0	\$18,300,000
Subtotal	\$21,450,500	\$8,688,000	\$9,310,500	\$16,235,500	\$4,775,500	\$11,275,500	\$71,735,500
Recreation and Culture							
Recreation Facilities/Parks Renovations and Expansions:							
Corpening Plaza Fountain Renovations	\$350,000	\$0	\$0	\$0	\$0	\$0	\$350,000
Deferred Parks Maintenance Assessment	150,000	0	0	0	0	0	150,000
Historic Bethabara Park Observation Deck Improvements	50,000	0	0	0	0	0	50,000
Picnic Shelter Renovations/Replacements	0	120,000	0	100,000	0	250,000	470,000
Playground Renovations	100,000	295,000	0	500,000	0	300,000	1,195,000
Polo Park Recreation Center Gym Floor Replacement	100,000	0	0	0	0	0	100,000
Recreation and Parks Department Facilities Renewal	0	150,000	0	285,000	0	300,000	735,000
Recreation and Parks Facilities Sidewalk and Roadway Resurfacing	0	100,000	0	150,000	0	150,000	400,000
Recreation Facility Lighting Renovations	0	200,000	0	0	0	200,000	400,000
Swimming Pool Repairs	0	435,000	0	200,000	0	200,000	835,000
Tennis Court Resurfacing and Renovations	500,000	0	0	0	0	0	500,000
Winston Lake Golf Course Improvements	0	200,000	0	0	0	0	200,000

EXPENDITURE TOTALS BY PROJECT CONTINUED

Project Title	Budget Year 2014-2015	Planning Year 2015-2016	Planning Year 2016-2017	Planning Year 2017-2018	Planning Year 2018-2019	Planning Year 2019-2020	Total Planned
Recreation and Culture (Continued)							
Convention Center::							
Capital Renovations (Annual Contribution)	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,500,000
Renovations Project	17,500,000	0	0	0	0	0	17,500,000
Subtotal	\$19,000,000	\$1,750,000	\$250,000	\$1,485,000	\$250,000	\$1,650,000	\$24,385,000
General Government							
Engineering:							
Shorefair Drive Fence Replacement	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
Property and Facilities Management:							
City Hall Renovations	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000
Marketing and Communications:							
TV 13 Video Production Equipment Upgrade	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000
Information Systems:							
Work Order Management/Electronic Plan Review Solution	\$1,050,000	\$1,500,000	\$0	\$0	\$0	\$0	\$2,550,000
Fiber Optic Upgrade	300,000	1,250,000	0	0	0	0	1,550,000
Subtotal	\$1,900,000	\$2,750,000	\$0	\$0	\$0	\$0	\$4,650,000
Total Expenditures	\$161,701,390	\$55,244,210	\$54,288,800	\$45,815,480	\$43,224,360	\$43,355,600	\$403,629,840

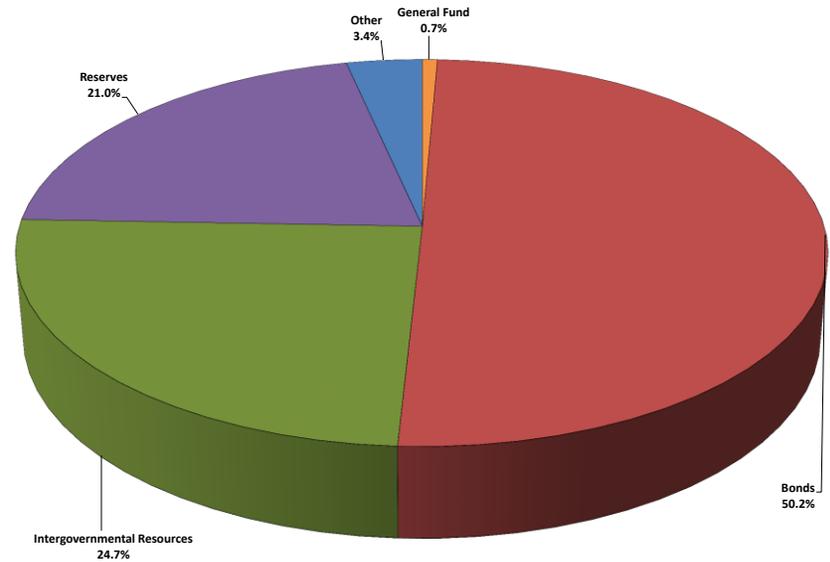
Total Funding Source Summary

Budget Year Summary 2014-2015



Budget Year Total: \$161,701,390

Six-Year Summary 2015-2020



Six-Year Total: \$403,629,840

TOTAL FUNDING SOURCE SUMMARY

Source of Funds	Budget Year 2014-2015	Planning Year 2015-2016	Planning Year 2016-2017	Planning Year 2017-2018	Planning Year 2018-2019	Planning Year 2019-2020	Total Planned
General Fund:							
Fund Balance	\$2,200,000	\$539,480	\$0	\$0	\$0	\$0	\$2,739,480
Subtotal	\$2,200,000	\$539,480	\$0	\$0	\$0	\$0	\$2,739,480
Bonds:							
Two-Thirds	\$0	\$3,760,000	\$0	\$4,035,000	\$0	\$4,100,000	\$11,895,000
Revenue Bonds	52,498,680	18,615,950	33,497,100	15,024,060	16,995,400	18,149,400	154,780,590
Limited Obligation Bonds	35,800,000	0	0	0	0	0	35,800,000
Subtotal	\$88,298,680	\$22,375,950	\$33,497,100	\$19,059,060	\$16,995,400	\$22,249,400	\$202,475,590
Intergovernmental Resources:							
Federal:							
Community Development Block Grant (CDBG)	\$447,600	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$3,197,600
CDBG Program Income	139,900	61,200	61,200	61,200	61,200	61,200	445,900
HOME Trust Funds	609,640	635,000	635,000	635,000	635,000	635,000	3,784,640
HOME Trust Funds Program Income	125,000	175,000	175,000	175,000	175,000	175,000	1,000,000
Federal Transit Administration	630,000	630,000	4,229,750	5,916,000	630,000	630,000	12,665,750
Surface Transportation Program-Direct Apportionment Funds	500,000	1,570,000	2,040,000	900,000	1,800,000	1,800,000	8,610,000
State:							
Gasoline Tax Revenue	\$1,198,000	\$1,198,000	\$1,198,000	\$1,198,000	\$1,198,000	\$1,198,000	\$7,188,000
North Carolina Department of Transportation	0	2,320,000	0	4,000,000	0	4,000,000	10,320,000
State Revolving Loan	52,600,000	0	0	0	0	0	52,600,000
Subtotal	\$56,250,140	\$7,139,200	\$8,888,950	\$13,435,200	\$5,049,200	\$9,049,200	\$99,811,890
Reserves:							
Capital Project Reserves	\$0	\$4,707,580	\$300,000	\$225,000	\$450,000	\$450,000	\$6,132,580
Housing Finance Assistance Fund	100,000	375,000	375,000	375,000	375,000	375,000	1,975,000
Stormwater Management Fund	1,598,670	2,900,000	1,250,000	1,250,000	1,574,000	1,726,000	10,298,670
Water and Sewer Fund Balance	10,957,710	11,050,780	6,944,000	8,251,350	15,946,700	7,096,700	60,247,240
Solid Waste Disposal Fund Balance	0	1,711,920	0	0	490,600	735,900	2,938,420
Winston-Salem Transit Authority Reserves	282,500	282,500	1,002,750	956,500	157,500	157,500	2,839,250
I.S. Fund Balance Appropriation	300,000	0	0	0	0	0	300,000
Subtotal	\$13,238,880	\$21,027,780	\$9,871,750	\$11,057,850	\$18,993,800	\$10,541,100	\$84,731,160
Other:							
North Carolina Municipal Leasing Corporation	\$973,690	\$3,084,960	\$1,491,000	\$1,723,370	\$1,645,960	\$975,900	\$9,894,880
Cable Franchise Fee	100,000	0	0	0	0	0	100,000
Motor Vehicle Privilege Tax	540,000	540,000	540,000	540,000	540,000	540,000	3,240,000
Contributions/Sponsorships	100,000	536,840	0	0	0	0	636,840
Subtotal	\$1,713,690	\$4,161,800	\$2,031,000	\$2,263,370	\$2,185,960	\$1,515,900	\$13,871,720
Total Funding Sources	\$161,701,390	\$55,244,210	\$54,288,800	\$45,815,480	\$43,224,360	\$43,355,600	\$403,629,840

PROJECTS FUNDED BY TWO-THIRDS BONDS

Project Title	Budget Year 2014-2015	Planning Year 2015-2016	Planning Year 2016-2017	Planning Year 2017-2018	Planning Year 2018-2019	Planning Year 2019-2020	Total Planned
Public Safety							
Fire Stations Facility Renewal	\$0	\$380,000	\$0	\$300,000	\$0	\$200,000	\$880,000
Subtotal	\$0	\$380,000	\$0	\$300,000	\$0	\$200,000	\$880,000
Transportation							
Bridge Repair and Replacements	\$0	\$580,000	\$0	\$1,000,000	\$0	\$1,000,000	\$2,580,000
Street Resurfacing Projects	0	1,300,000	0	1,500,000	0	1,500,000	4,300,000
Subtotal	\$0	\$1,880,000	\$0	\$2,500,000	\$0	\$2,500,000	\$6,880,000
Recreation and Culture							
Picnic Shelter Renovations / Replacements	\$0	\$120,000	\$0	\$100,000	\$0	\$250,000	\$470,000
Playground Renovations	0	295,000	0	500,000	0	300,000	1,095,000
Recreation and Parks Department Facilities Renewal	0	150,000	0	285,000	0	300,000	735,000
Recreation and Parks Facilities Sidewalk / Roadway Resurfacing	0	100,000	0	150,000	0	150,000	400,000
Recreation Facility Lighting Renovations	0	200,000	0	0	0	200,000	400,000
Swimming Pool Repairs	0	435,000	0	200,000	0	200,000	835,000
Winston Lake Golf Course Improvements	0	200,000	0	0	0	0	200,000
Subtotal	\$0	\$1,500,000	\$0	\$1,235,000	\$0	\$1,400,000	\$4,135,000
Total Projects Funded By Two-Thirds Bonds	\$0	\$3,760,000	\$0	\$4,035,000	\$0	\$4,100,000	\$11,895,000

PROJECTS FUNDED BY THE NORTH CAROLINA MUNICIPAL LEASING CORPORATION (NCMLC)

Project Title	Budget Year 2014-2015	Planning Year 2015-2016	Planning Year 2016-2017	Planning Year 2017-2018	Planning Year 2018-2019	Planning Year 2019-2020	Total Planned
Public Safety							
Fire Apparatus Replacement	\$573,690	\$1,334,960	\$1,241,000	\$1,473,370	\$1,395,960	\$725,900	\$6,744,880
Recreation and Culture							
Convention Center Capital Renovations	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,500,000
General Government							
TV 13 - Station HD Upgrade	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
Combined Work Order, Permitting, Licenses, Plan Review Solution	0	1,500,000	0	0	0	0	1,500,000
Total Projects Funded By NCMLC Proceeds	\$973,690	\$3,084,960	\$1,491,000	\$1,723,370	\$1,645,960	\$975,900	\$9,894,880

PROJECTS FUNDED BY MOTOR VEHICLE PRIVILEGE TAX

Project Title	Budget Year 2014-2015	Planning Year 2015-2016	Planning Year 2016-2017	Planning Year 2017-2018	Planning Year 2018-2019	Planning Year 2019-2020	Total Planned
Vehicular Transportation Allocation:							
New Traffic Signal System	\$270,000	\$0	\$0	\$0	\$0	\$0	\$270,000
Traffic Calming Projects	0	135,000	135,000	135,000	135,000	135,000	675,000
Traffic Safety Projects	0	135,000	135,000	135,000	135,000	135,000	675,000
Subtotal	270,000	270,000	270,000	270,000	270,000	270,000	1,620,000
Non-Vehicular Transportation Allocation:							
Sidewalk Maintenance / New Sidewalk Construction	\$155,000	\$155,000	\$155,000	\$155,000	\$155,000	\$155,000	\$930,000
Other Greenway Development	115,000	115,000	115,000	115,000	115,000	115,000	690,000
Subtotal	270,000	270,000	270,000	270,000	270,000	270,000	1,620,000
Total Projects Funded By Motor Vehicle Privilege Tax	\$540,000	\$540,000	\$540,000	\$540,000	\$540,000	\$540,000	\$3,240,000

Note: One-third of the \$5 for "Transit" is used for transit operations, not capital.

PROJECTS FUNDED BY GENERAL FUND RESOURCES

Project Title	Budget Year 2014-2015	Planning Year 2015-2016	Planning Year 2016-2017	Planning Year 2017-2018	Planning Year 2018-2019	Planning Year 2019-2020	Total Planned
Recreation and Culture							
Corpening Plaze Fountain Renovations	\$350,000	\$0	\$0	\$0	\$0	\$0	\$350,000
Deferred Parks Maintenance Assessment	150,000	0	0	0	0	0	150,000
Historic Bethabara Observation Deck Improvements	50,000	0	0	0	0	0	50,000
Polo Park Recreation Center Gym Floor Replacement	100,000	0	0	0	0	0	100,000
Tennis Court Resurfacing and Renovations	500,000	0	0	0	0	0	500,000
General Government							
Shorefair Drive Fence Replacement	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
City Hall Facilities Renovations	200,000	0	0	0	0	0	200,000
Combined Work Order, Permitting, Licenses, Plan Review Solution	750,000	0	0	0	0	0	750,000
Fiber Optic Upgrade	0	539,480	0	0	0	0	539,480
Total Projects Funded By General Fund Resources	\$2,200,000	\$539,480	\$0	\$0	\$0	\$0	\$2,739,480
Current Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	\$2,200,000	\$539,480	\$0	\$0	\$0	\$0	\$2,739,480

Community and Economic Development

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Rental Housing Assistance/Production	28



COMMUNITY AND ECONOMIC DEVELOPMENT

Project Title	Budget Year 2014-2015	Planning Year 2015-2016	Planning Year 2016-2017	Planning Year 2017-2018	Planning Year 2018-2019	Planning Year 2019-2020	Total Planned
Housing Development:							
Homeowner Assistance / Production	\$1,170,940	\$1,550,000	\$1,550,000	\$1,550,000	\$1,550,000	\$1,550,000	\$8,920,940
Neighborhood Development	61,200	61,200	61,200	61,200	61,200	61,200	367,200
Rental Housing Assistance / Production	190,000	185,000	185,000	185,000	185,000	185,000	1,115,000
Total Expenditures	\$1,422,140	\$1,796,200	\$1,796,200	\$1,796,200	\$1,796,200	\$1,796,200	\$10,403,140
Funding Sources							
Intergovernmental Resources:							
Community Development Block Grant (CDBG)	\$447,600	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$3,197,600
CDBG Program Income	139,900	61,200	61,200	61,200	61,200	61,200	445,900
HOME Trust Funds	609,640	635,000	635,000	635,000	635,000	635,000	3,784,640
HOME Trust Funds Program Income	125,000	175,000	175,000	175,000	175,000	175,000	1,000,000
Reserves:							
Housing Finance Assistance Fund	\$100,000	\$375,000	\$375,000	\$375,000	\$375,000	\$375,000	\$1,975,000
Total Funding Sources	\$1,422,140	\$1,796,200	\$1,796,200	\$1,796,200	\$1,796,200	\$1,796,200	\$10,403,140

PROJECT TITLE Homeowner Assistance / Production	DEPARTMENT/DIVISION Community and Business Development Department
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PROJECT DESCRIPTION/JUSTIFICATION

This project provides rehabilitation and home improvement assistance for existing homeowners; financial assistance to homebuyers for acquisition of existing or newly constructed single-family units, with or without rehabilitation; and production of single-family units for homeownership, including land acquisition, interim construction loans, on-site improvements, public infrastructure improvements, and second mortgage assistance in order to make housing more affordable.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Homebuyer Assistance	\$3,557,760	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$4,057,760
Homeowner Rehab / Home Improvement	17,768,160	930,940	900,000	900,000	900,000	900,000	900,000	23,199,100
Purchase-Rehab Tandem / Rev Pool	2,665,000	0	100,000	100,000	100,000	100,000	100,000	3,165,000
New Housing Production	10,137,700	240,000	250,000	250,000	250,000	250,000	250,000	11,627,700
Infrastructure / Public Improvements	2,025,000	0	0	0	0	0	0	2,025,000
Revolving Construction Loan Fund	910,000	0	200,000	200,000	200,000	200,000	200,000	1,910,000
Total Project Expenditures	\$37,063,620	\$1,170,940	\$1,550,000	\$1,550,000	\$1,550,000	\$1,550,000	\$1,550,000	\$45,984,560
Funding Sources								
GO Bonds / Authorized	\$2,550,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,550,000
Community Development Block Grant	12,674,720	447,600	550,000	550,000	550,000	550,000	550,000	15,872,320
Section 108 Loan	1,950,000	0	0	0	0	0	0	1,950,000
HOME Trust Funds	9,588,310	474,640	550,000	550,000	550,000	550,000	550,000	12,812,950
CDBG Program Income	1,202,460	78,700	0	0	0	0	0	1,281,160
HOME Program Income / Reprog	1,763,130	70,000	75,000	75,000	75,000	75,000	75,000	2,208,130
Housing Finance Fund (Sales Tax)	3,750,000	0	0	0	0	0	0	3,750,000
Housing Finance Assistance Fund	3,585,000	100,000	375,000	375,000	375,000	375,000	375,000	5,560,000
Total Project Funding Sources	\$37,063,620	\$1,170,940	\$1,550,000	\$1,550,000	\$1,550,000	\$1,550,000	\$1,550,000	\$45,984,560

PROJECT TITLE Neighborhood Development	DEPARTMENT/DIVISION Community and Business Development Department
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PROJECT DESCRIPTION/JUSTIFICATION

This project provides for acquisition, relocation, demolition, and property maintenance disposition of land acquired for redevelopment or acquisition of raw land for new housing production of single-family subdivisions for homeownership.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Concentrated Code Enforcement Demolition	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
Acquisition, Relocation, Clearance	3,870,000	0	0	0	0	0	0	3,870,000
Property Disposition / Maintenance	663,400	61,200	61,200	61,200	61,200	61,200	61,200	1,030,600
Total Project Expenditures	\$4,683,400	\$61,200	\$61,200	\$61,200	\$61,200	\$61,200	\$61,200	\$5,050,600
Funding Sources								
GO Bonds / Authorized	\$1,800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,800,000
Section 108 Loan	1,250,000	0	0	0	0	0	0	1,250,000
CDBG Program Income	873,400	61,200	61,200	61,200	61,200	61,200	61,200	1,240,600
Housing Finance Fund (Sales Tax)	275,000	0	0	0	0	0	0	275,000
Housing Finance Assistance Fund	485,000	0	0	0	0	0	0	485,000
Total Project Funding Sources	\$4,683,400	\$61,200	\$61,200	\$61,200	\$61,200	\$61,200	\$61,200	\$5,050,600

PROJECT TITLE	DEPARTMENT/DIVISION
Rental Housing Assistance / Production	Community and Business Development Department

PROJECT DESCRIPTION/JUSTIFICATION

This project includes financing of acquisition and/or rehabilitation and new construction of rental housing that benefits lower income households and populations with special housing needs (i.e., elderly and disabled). Except for small-scale rehabilitation projects, the City typically provides assistance upon completion of construction, offering “gap” financing or that amount which renders a project feasible.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Rental/Investor Rehab / Acq / Reh	\$3,922,000	\$0	\$0	\$100,000	\$0	\$100,000	\$0	\$4,122,000
Multi-Family New Production	5,990,230	0	100,000	0	100,000	0	100,000	6,290,230
Rehab Hazard Reduc / Reloc / TBRA	1,629,700	190,000	85,000	85,000	85,000	85,000	85,000	2,244,700
Total Project Expenditures	\$11,541,930	\$190,000	\$185,000	\$185,000	\$185,000	\$185,000	\$185,000	\$12,656,930
Funding Sources								
GO Bonds / Authorized	\$1,650,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,650,000
Community Development Block Grant	775,000	0	0	0	0	0	0	775,000
Section 108 Loan	530,000	0	0	0	0	0	0	530,000
HOME Trust Funds	4,304,600	135,000	85,000	85,000	85,000	85,000	85,000	4,864,600
CDBG Program Income	1,898,460	0	0	0	0	0	0	1,898,460
HOME Program Income	1,433,870	55,000	100,000	100,000	100,000	100,000	100,000	1,988,870
Housing Finance Fund (Sales Tax)	300,000	0	0	0	0	0	0	300,000
Housing Finance Assistance Fund	650,000	0	0	0	0	0	0	650,000
Total Project Funding Sources	\$11,541,930	\$190,000	\$185,000	\$185,000	\$185,000	\$185,000	\$185,000	\$12,656,930

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ENVIRONMENTAL HEALTH

Project Title	Budget Year 2014-2015	Planning Year 2015-2016	Planning Year 2016-2017	Planning Year 2017-2018	Planning Year 2018-2019	Planning Year 2019-2020	Total Planned
Solid Waste Disposal:							
Hanes Mill Road Landfill - Cell 5 Construction	\$0	\$6,152,000	\$0	\$0	\$0	\$735,900	\$6,887,900
Hanes Mill Road Landfill - Gas Extraction System	0	0	0	0	490,600	0	490,600
Water and Wastewater Treatment:							
15th Street Pump Station Electrical Upgrades	\$0	\$0	\$0	\$0	\$950,000	\$0	\$950,000
Archie Elledge Wastewater Treatment Plant Rehabilitation and Upgrades	680,000	2,363,000	855,000	855,000	855,000	855,000	6,463,000
Idol's Pump Station Rehabilitation - Phase II	3,650,000	0	0	0	0	0	3,650,000
Lift Station Capacity / Condition Improvements	276,700	1,463,600	644,000	633,100	134,700	134,700	3,286,800
Muddy Creek Wastewater Treatment Plant Rehabilitation and Upgrades	80,000	762,000	100,000	762,000	762,000	762,000	3,228,000
R.W. Neilson Water Treatment Plant - Phase II Modernization	0	0	1,870,000	8,930,000	0	2,105,000	12,905,000
Sides Road Pump Station Electrical Upgrades	0	0	0	0	4,000,000	0	4,000,000
South Fork Critical Improvements Program	99,967,680	1,646,150	0	0	0	0	101,613,830
Water Treatment Rehabilitation and Upgrades	471,000	250,000	250,000	250,000	250,000	250,000	1,721,000
Wastewater Treatment Plan Expansion / Nutrient Upgrade	0	0	0	0	0	5,519,500	5,519,500
Water Distribution and Wastewater Collection:							
21st, 22nd, and 23rd Street Water and Sewer Rehabilitation	\$0	\$4,800,000	\$0	\$0	\$0	\$0	\$4,800,000
Advanced Meter Infrastructure	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,000,000
Ardmore Area Water and Sewer Rehabilitation	0	0	0	0	4,400,000	0	4,400,000
Asset Management Program / Studies	1,200,000	0	0	0	500,000	0	1,700,000
Elledge Basin Capacity Improvements	0	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,500,000
Muddy Creek Basin Capacity Improvements	3,631,000	9,669,800	28,137,100	0	0	0	41,437,900
New Elevated Water Tanks	0	0	0	0	3,400,000	0	3,400,000
South Fork Basin Capacity Improvements	0	0	990,000	785,500	10,095,400	8,024,900	19,895,800
Tanglewood Lift Station Improvements	0	0	0	2,808,560	0	0	2,808,560
Wastewater Collection System Improvements	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	18,000,000
Water Distribution System Improvements	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,000,000
Water Tank Rehabilitation	800,010	1,038,500	95,000	751,250	95,000	95,000	2,874,760
Stormwater Management:							
Basin Study Updates	\$0	\$0	\$0	\$0	\$300,000	\$300,000	\$600,000
City Yard Contamination - Phase II	600,000	2,000,000	0	0	0	0	2,600,000
Drainage Improvements on Private Property	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
Federal Emergency Management Agency Severe Repetitive Loss Grant Assistance	528,670	0	0	0	0	0	528,670
Stormwater Infrastructure Renovations	220,000	650,000	1,000,000	1,000,000	1,024,000	1,176,000	5,070,000
Total Expenditures	\$117,355,060	\$38,545,050	\$41,691,100	\$24,525,410	\$35,006,700	\$27,708,000	\$284,831,320

ENVIRONMENTAL HEALTH Continued

Project Title	Budget Year 2014-2015	Planning Year 2015-2016	Planning Year 2016-2017	Planning Year 2017-2018	Planning Year 2018-2019	Planning Year 2019-2020	Total Planned
Funding Sources							
Bonds:							
Revenue Bonds	\$52,498,680	\$18,615,950	\$33,497,100	\$15,024,060	\$16,995,400	\$18,149,400	\$154,780,590
Intergovernmental Resources:							
State Revolving Loan	\$52,600,000	\$0	\$0	\$0	\$0	\$0	\$52,600,000
Reserves:							
Capital Project Reserves	\$0	\$4,440,080	\$0	\$0	\$0	\$0	\$4,440,080
Solid Waste Disposal Fund Balance	0	1,711,920	0	0	490,600	735,900	2,938,420
Stormwater Management Fund	1,598,670	2,900,000	1,250,000	1,250,000	1,574,000	1,726,000	10,298,670
Water and Sewer Fund Balance	10,657,710	10,877,100	6,944,000	8,251,350	15,946,700	7,096,700	59,773,560
Total Funding Sources	\$117,355,060	\$38,545,050	\$41,691,100	\$24,525,410	\$35,006,700	\$27,708,000	\$284,831,320

PROJECT TITLE Hanes Mill Road Landfill - Cell 5 Construction	DEPARTMENT/DIVISION Utilities / Solid Waste
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PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the future construction of composite lined landfill cells for the disposal of municipal solid waste at Hanes Mill Road Landfill. Construction is complete through Cell 4 of Phase 2, approximately 51 acres. Additional cell capacity will need to be constructed, approved and available for use by 2017. Capital Reserves available from the new construction and demolition landfill project will help fund this project.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$783,500	\$0	\$423,000	\$0	\$0	\$0	\$669,000	\$1,875,500
Construction	11,775,400	0	5,087,200	0	0	0	0	16,862,600
Contingency	0	0	641,800	0	0	0	66,900	708,700
Total Project Expenditures	\$12,558,900	\$0	\$6,152,000	\$0	\$0	\$0	\$735,900	\$19,446,800
Funding Sources								
Special Obligation Bonds	\$3,400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$3,400,000
Capital Reserves	0	0	4,440,080	0	0	0	0	4,440,080
Solid Waste Disposal Fund	9,158,900	0	1,711,920	0	0	0	735,900	11,606,720
Total Project Funding Sources	\$12,558,900	\$0	\$6,152,000	\$0	\$0	\$0	\$735,900	\$19,446,800

PROJECT TITLE Hanes Mill Road Landfill - Gas Extraction System	DEPARTMENT/DIVISION Utilities / Solid Waste
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PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the ongoing construction of various components of a system to extract landfill gas from existing lined cells. Current environmental regulations require the construction of gas extraction systems for municipal solid waste landfills. Future construction is planned for gas wells, piping, and related equipment.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$340,000	\$0	\$0	\$0	\$0	\$60,000	\$0	\$400,000
Construction	2,096,200	0	0	0	0	386,000	0	2,482,200
Contingency	0	0	0	0	0	44,600	0	\$44,600
Total Project Expenditures	\$2,436,200	\$0	\$0	\$0	\$0	\$490,600	\$0	\$2,926,800
Funding Sources								
Solid Waste Disposal Fund	\$2,436,200	\$0	\$0	\$0	\$0	\$490,600	\$0	\$2,926,800
Total Project Funding Sources	\$2,436,200	\$0	\$0	\$0	\$0	\$490,600	\$0	\$2,926,800

PROJECT TITLE 15th Street Pump Station Electrical Upgrades	DEPARTMENT/DIVISION Utilities / Water and Wastewater Treatment
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PROJECT DESCRIPTION/JUSTIFICATION

The 15th Street Pumping Station electrical motor control center is approaching the end of its useful life. Due to the age of the electrical equipment, this project proposes to install a new 480V generator, automatic transfer switch, switchgear, fuel storage tank, and electrical transformer. A new 480V motor control center will be installed to replace the existing starters. The existing standby diesel engine will be removed and salvaged.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$0	\$0	\$0	\$0	\$0	\$118,750	\$0	\$118,750
Construction	0	0	0	0	0	791,670	0	791,670
Contingency	0	0	0	0	0	39,580	0	39,580
Total Project Expenditures	\$0	\$0	\$0	\$0	\$0	\$950,000	\$0	\$950,000
Funding Sources								
Water and Sewer Fund Balance	\$0	\$0	\$0	\$0	\$0	\$950,000	\$0	\$950,000
Total Project Funding Sources	\$0	\$0	\$0	\$0	\$0	\$950,000	\$0	\$950,000

PROJECT TITLE Archie Elledge Wastewater Treatment Plant Rehabilitation and Upgrades	DEPARTMENT/DIVISION Utilities / Water and Wastewater Treatment
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PROJECT DESCRIPTION/JUSTIFICATION

This project provides for general building, grounds, and equipment maintenance at the Archie Elledge Wastewater Treatment Plant. The project also provides for the purchase of costly replacement parts and repairs that are needed for the continuous operation and maintenance of the plants.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$0	\$0	\$472,600	\$89,500	\$89,500	\$89,500	\$89,500	\$830,600
Construction	340,000	612,000	1,831,320	598,000	598,000	598,000	598,000	5,175,320
Equipment and Furnishings	0	0	0	137,500	137,500	137,500	137,500	550,000
Contingency	18,000	68,000	59,080	30,000	30,000	30,000	30,000	265,080
Total Project Expenditures	\$358,000	\$680,000	\$2,363,000	\$855,000	\$855,000	\$855,000	\$855,000	\$6,821,000
Funding Sources								
Water and Sewer Fund Balance	\$358,000	\$680,000	\$2,363,000	\$855,000	\$855,000	\$855,000	\$855,000	\$6,821,000
Total Project Funding Sources	\$358,000	\$680,000	\$2,363,000	\$855,000	\$855,000	\$855,000	\$855,000	\$6,821,000

PROJECT TITLE Idol's Pump Station Rehabilitation - Phase II	DEPARTMENT/DIVISION Utilities / Water and Wastewater Treatment
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PROJECT DESCRIPTION/JUSTIFICATION

The Idol's Pump Station plays a vital part in the Winston-Salem/Forsyth County water system by supplying water to two of three water treatment plants. The solids pre-settling basins will be evaluated for solids removal, and the most cost effective strategy for removing solids will be implemented. The motor and starter for Raw Water Pump #3 will be replaced with equipment similar to that installed on the two other raw water pumps during Phase I. An electrical equipment platform including 4,160V emergency generators, a switchgear, a 480V generator (with manual transfer switch), fuel storage, and a transformer will be constructed. The existing diesel locomotive engine and right angle drive will be removed from service.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$350,000	\$250,000	\$0	\$0	\$0	\$0	\$0	\$600,000
Construction	1,100,000	3,100,000	0	0	0	0	0	4,200,000
Equipment and Furnishings	0	0	0	0	0	0	0	0
Contingency	0	300,000	0	0	0	0	0	300,000
Total Project Expenditures	\$1,450,000	\$3,650,000	\$0	\$0	\$0	\$0	\$0	\$5,100,000
Funding Sources								
Water and Sewer Fund Balance	\$1,450,000	\$3,650,000	\$0	\$0	\$0	\$0	\$0	\$5,100,000
Total Project Funding Sources	\$1,450,000	\$3,650,000	\$0	\$0	\$0	\$0	\$0	\$5,100,000

PROJECT TITLE Lift Station Capacity / Condition Improvements	DEPARTMENT/DIVISION Utilities / Water and Wastewater Treatment
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PROJECT DESCRIPTION/JUSTIFICATION

The recent wastewater facilities master plan included condition assessments for select lift stations that are aging or out of capacity. The study assessments identified and prioritized needs at each of the lift stations. This project provides for upgrades and replacements of the lift stations to address the identified needs. This project also provides for multi-year funding for general building, grounds, and equipment maintenance and repairs needed for the continuous operation of the stations.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$401,000	\$168,300	\$219,800	\$133,300	\$81,800	\$26,300	\$26,300	\$1,056,800
Construction	2,075,000	105,300	1,217,000	507,600	539,000	105,300	105,300	4,654,500
Equipment and Furnishings	102,200	0	0	0	0	0	0	102,200
Contingency	113,800	3,100	26,800	3,100	12,300	3,100	3,100	165,300
Total Project Expenditures	\$2,692,000	\$276,700	\$1,463,600	\$644,000	\$633,100	\$134,700	\$134,700	\$5,978,800
Funding Sources								
Water and Sewer Fund Balance	\$2,692,000	\$276,700	\$1,463,600	\$644,000	\$633,100	\$134,700	\$134,700	\$5,978,800
Total Project Funding Sources	\$2,692,000	\$276,700	\$1,463,600	\$644,000	\$633,100	\$134,700	\$134,700	\$5,978,800

PROJECT TITLE Muddy Creek Wastewater Treatment Plant Rehabilitation and Upgrades	DEPARTMENT/DIVISION Utilities / Water and Wastewater Treatment
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PROJECT DESCRIPTION/JUSTIFICATION

This project provides for general building, grounds, and equipment maintenance at the Muddy Creek Wastewater Treatment Plant. The project also provides for the purchase of costly replacement parts and repairs that are needed for the continuous operation and maintenance of the plant.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$0	\$0	\$78,000	\$20,000	\$78,000	\$78,000	\$78,000	\$332,000
Construction	900,000	80,000	520,500	80,000	520,500	520,500	520,500	3,142,000
Equipment and Furnishings	0	0	125,000	0	125,000	125,000	125,000	500,000
Contingency	100,000	0	38,500	0	38,500	38,500	38,500	254,000
Total Project Expenditures	\$1,000,000	\$80,000	\$762,000	\$100,000	\$762,000	\$762,000	\$762,000	\$4,228,000
Funding Sources								
Water and Sewer Fund Balance	\$1,000,000	\$80,000	\$762,000	\$100,000	\$762,000	\$762,000	\$762,000	\$4,228,000
Total Project Funding Sources	\$1,000,000	\$80,000	\$762,000	\$100,000	\$762,000	\$762,000	\$762,000	\$4,228,000

PROJECT TITLE: R.W. Neilson Water Treatment Plant - Phase II Modernization	DEPARTMENT/DIVISION Utilities / Water and Wastewater Treatment
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PROJECT DESCRIPTION/JUSTIFICATION

The Neilson Water Treatment Plant is the largest water treatment plant in the system with a treatment capacity of 48 million gallons per day (mgd). Two major expansions have occurred since the construction of the original 24 mgd plant in 1964. Despite several smaller miscellaneous improvement projects, significant capital investment is required to replace aging infrastructure, improve treatment to meet current and future regulatory requirements, and ensure the continued reliability in the distribution system supplied by this critical facility. This project will evaluate and upgrade the electrical distribution system of the plant, overhaul the filters and washwater system, upgrade the residuals management to utilize an existing National Pollutant Discharge Elimination System permit, and modify the treatment trains to optimize the efficiency of the process.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$0	\$0	\$0	\$374,000	\$1,786,000	\$0	\$421,000	\$2,581,000
Construction	0	0	0	1,496,000	7,144,000	0	1,684,000	10,324,000
Total Project Expenditures	\$0	\$0	\$0	\$1,870,000	\$8,930,000	\$0	\$2,105,000	\$12,905,000
Funding Sources								
Revenue Bonds	\$0	\$0	\$0	\$1,870,000	\$8,930,000	\$0	\$2,105,000	\$12,905,000
Total Project Funding Sources	\$0	\$0	\$0	\$1,870,000	\$8,930,000	\$0	\$2,105,000	\$12,905,000

PROJECT TITLE: Sides Road Pump Station Electrical Upgrades	DEPARTMENT/DIVISION Utilities / Water and Wastewater Treatment
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PROJECT DESCRIPTION/JUSTIFICATION

The electrical power systems and emergency backup pumping systems are approximately 33 years old and are nearing the end of their anticipated useful life. The scope of this project includes the installation of standby power generation with 4,160V generators, an automatic transfer switch, a switchgear, and a fuel storage tank. The 33 year old motor control center will be replaced with reduced voltage solid state starters. The #2 diesel powered engine currently providing emergency backup for the #2 pump will be removed and salvaged. All isolation valves in the yard and inside the pumping station will be replaced with new valves and actuators due to valve failure and inadequate isolation for maintenance.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$0	\$0	\$0	\$0	\$0	\$500,000	\$0	\$500,000
Construction	0	0	0	0	0	3,333,330	0	3,333,330
Contingency	0	0	0	0	0	166,670	0	166,670
Total Project Expenditures	\$0	\$0	\$0	\$0	\$0	\$4,000,000	\$0	\$4,000,000
Funding Sources								
Water and Sewer Fund Balance	\$0	\$0	\$0	\$0	\$0	\$4,000,000	\$0	\$4,000,000
Total Project Funding Sources	\$0	\$0	\$0	\$0	\$0	\$4,000,000	\$0	\$4,000,000

PROJECT TITLE South Fork Critical Improvements Program	DEPARTMENT/DIVISION Utilities / Water and Wastewater Treatment
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PROJECT DESCRIPTION/JUSTIFICATION

In previous years, this project was a combination of two separate projects, the Wastewater Treatment Plant Transfer Pump Station and Force Main and South Fork Capacity Improvements. The Wastewater Master plan identified several critical projects that need to be completed by 2016. These critical projects were grouped together as one project called the South Fork Critical Improvements Program. The program management methodology will ensure overall efficiencies regarding schedule and budget. This project will include the construction of a new consolidated headworks facility and two stage influent and transfer pumping station in addition to storm water equalization at the Muddy Creek Wastewater Treatment Plant (WWTP). The two stage pumping station will consist of first stage influent pumping to the Muddy Creek WWTP and storm water equalization, and second stage transfer pumping to the Elledge WWTP. This consolidated headworks facility and pumping station is needed to prevent the Muddy Creek WWTP from exceeding its current rated and peak hourly flow capacities by transferring a portion of the influent raw wastewater to the Elledge WWTP and to accommodate excess wet weather flows with diversion to storm water equalization. Exceeding the current permitted flow could require immediate expansion of either plant. The consolidated headworks and pumping station facility will have an ultimate firm capacity of 150 million gallons per day. A 30-inch diameter force main is proposed to transfer flow from the new pumping station at the Muddy Creek WWTP to the Elledge WWTP. This project will also include sanitary sewer gravity improvements for the South Fork Basin as identified in the Wastewater Master Plan.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$8,567,500	\$5,230,000	\$0	\$0	\$0	\$0	\$0	\$13,797,500
Land / Right-of-Way Acquisition	156,300	0	0	0	0	0	0	156,300
Construction	3,730,000	92,427,000	1,606,000	0	0	0	0	97,763,000
Contingency	186,000	2,310,680	40,150	0	0	0	0	2,536,830
Total Project Expenditures	\$12,639,800	\$99,967,680	\$1,646,150	\$0	\$0	\$0	\$0	\$114,253,630
Funding Sources								
Revenue Bonds	\$12,639,800	\$48,867,680	\$1,646,150	\$0	\$0	\$0	\$0	\$63,153,630
State Revolving Loan	0	51,100,000	0	0	0	0	0	\$51,100,000
Total Project Funding Sources	\$12,639,800	\$99,967,680	\$1,646,150	\$0	\$0	\$0	\$0	\$114,253,630

PROJECT TITLE Water Treatment Rehabilitation and Upgrades	DEPARTMENT/DIVISION Utilities / Water and Wastewater Treatment
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PROJECT DESCRIPTION/JUSTIFICATION

This project provides for general building, grounds, and equipment maintenance at the system's three water plants. The project also provides for the purchase of costly replacement parts and repairs that are needed for the continuous operation and maintenance of the plants. The scope of these improvements or equipment purchases allows them to be completed within the fiscal year.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$31,250	\$60,120	\$31,250	\$31,250	\$31,250	\$31,250	\$31,250	\$247,620
Construction	208,340	390,000	208,340	208,340	208,340	208,340	208,340	1,640,040
Contingency	10,410	20,880	10,410	10,410	10,410	10,410	10,410	83,340
Total Project Expenditures	\$250,000	\$471,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,971,000
Funding Sources								
Water and Sewer Fund Balance	\$250,000	\$471,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,971,000
Total Project Funding Sources	\$250,000	\$471,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,971,000

PROJECT TITLE Wastewater Treatment Plan Expansion / Nutrient Upgrade	DEPARTMENT/DIVISION Utilities / Water and Wastewater Treatment
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PROJECT DESCRIPTION/JUSTIFICATION

In previous years, this project was a combination of two separate projects, the Archie Elledge Wastewater Treatment Plant Expansion and the Archie Elledge and Muddy Creek Wastewater Treatment Plants Nutrient Removal. This project will provide for nutrient removal treatment upgrades at Elledge and Muddy Creek Wastewater Treatment Plants. These improvements are necessary for the plants to comply with effluent nutrient limits that are expected to be implemented by the North Carolina Department of Environment and Natural Resources Division of Water Quality at both plants when total maximum daily loads for nutrients are in place for High Rock Lake and the Yadkin River Watershed. It will also provide for additional treatment capacity at the Elledge Wastewater Treatment Plant to accommodate future wastewater flows.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$5,519,500	\$5,519,500
Total Project Expenditures	\$0	\$0	\$0	\$0	\$0	\$0	\$5,519,500	\$5,519,500
Funding Sources								
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$5,519,500	\$5,519,500
Total Project Funding Sources	\$0	\$0	\$0	\$0	\$0	\$0	\$5,519,500	\$5,519,500

PROJECT TITLE 21st, 22nd, and 23rd Street Water and Sewer Rehabilitation	DEPARTMENT/DIVISION Utilities / Water Distribution and Wastewater Collection
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PROJECT DESCRIPTION/JUSTIFICATION

The scope of this project includes the complete rehabilitation of the existing water and sewer lines on 21st, 22nd, 23rd, and surrounding streets. The project limits include streets within the boundaries of Liberty Street to the west, 25th Street to the north, Bowen Boulevard to the east, and 14th Street to the south. This project includes approximately 16,751 linear feet of sewer mains (6' to 12"), 118 manholes, 10,100 linear feet of water mains (6" to 10"), and 756 water and sewer connections to be rehabilitated or replaced. The project budget includes engineering design, easement acquisitions, construction, and construction management. This project provides multi-year funding for complete rehabilitation in this area.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$793,000	\$0	\$600,000	\$0	\$0	\$0	\$0	\$1,393,000
Land / Right-of-Way Acquisition	30,000	0	0	0	0	0	0	30,000
Construction	5,283,330	0	4,000,000	0	0	0	0	9,283,330
Contingency	200,030	0	200,000	0	0	0	0	400,030
Total Project Expenditures	\$6,306,360	\$0	\$4,800,000	\$0	\$0	\$0	\$0	\$11,106,360
Funding Sources								
Revenue Bonds	\$6,306,360	\$0	\$4,800,000	\$0	\$0	\$0	\$0	\$11,106,360
Total Project Funding Sources	\$6,306,360	\$0	\$4,800,000	\$0	\$0	\$0	\$0	\$11,106,360

PROJECT TITLE Advanced Meter Infrastructure	DEPARTMENT/DIVISION Utilities / Water Distribution and Wastewater Collection
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PROJECT DESCRIPTION/JUSTIFICATION

This multi-year project will install/retrofit meters within the entire water system with the capability of automated meter reading (AMR). AMR is the technology of automatically collecting data from water meters and transferring that information to a central database for billing. During a pilot in 2009-10, certain attributes of the systems were recognized as being beneficial for the purpose of customer service, efficiency, and effectiveness. Prior to the project, it could take eleven readers three days to manually read an entire billing cycle of approximately 7,500 accounts. By using AMR, it will only take one reader one to two days. Additionally, potential intangible savings from fewer automobile accidents and work related injuries were recognized. This system will also help provide more detailed information regarding customer accounts. Currently the system has 16 bimonthly billing cycles with anywhere from 6,700 to 8,400 accounts in each cycle. To date, we have installed approximately 8,000 AMR registers.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Equipment and Furnishings	\$3,000,000	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$7,500,000
Contracts (Meter C.O. and GPS)	800,000	200,000	200,000	200,000	200,000	200,000	200,000	2,000,000
Contingency	200,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
Total Project Expenditures	\$4,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$10,000,000
Funding Sources								
Water and Sewer Fund Balance	\$4,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$10,000,000
Total Project Funding Sources	\$4,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$10,000,000

PROJECT TITLE Ardmore Area Water and Sewer Rehabilitation	DEPARTMENT/DIVISION Utilities / Water Distribution and Wastewater Collection
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PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the evaluation and rehabilitation of the Ardmore neighborhood water and sewer systems. Due to the large size of the Ardmore neighborhood, the age of the water and sewer systems, and the historical aspects of the area, a master plan approach is being followed in developing an overall project approach for the rehabilitation of these systems. Three basins in the neighborhood have been completed and the fourth in priority will be the next.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$1,530,400	\$0	\$0	\$0	\$0	\$382,600	\$0	\$1,913,000
Construction	15,304,320	0	0	0	0	3,826,080	0	19,130,400
Contingency	765,280	0	0	0	0	191,320	0	956,600
Total Project Expenditures	\$17,600,000	\$0	\$0	\$0	\$0	\$4,400,000	\$0	\$22,000,000
Funding Sources								
Revenue Bonds	\$17,600,000	\$0	\$0	\$0	\$0	\$4,400,000	\$0	\$22,000,000
Total Project Funding Sources	\$17,600,000	\$0	\$0	\$0	\$0	\$4,400,000	\$0	\$22,000,000

PROJECT TITLE Asset Management Program / Studies	DEPARTMENT/DIVISION Utilities / Water Distribution and Wastewater Collection
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PROJECT DESCRIPTION/JUSTIFICATION

This project funds an asset management program that will include a strategic planning framework that utilizes data in a fact-based methodology to mitigate risk and make the most educated decisions regarding overall operations. This program will assist Utilities staff in making better operational and financial decisions related to risk management and will help administer operations and capital improvements in a more optimal and systematic way. The scope will also include working with the City Information Systems department to procure an asset/work order management software replacement in FY15. The project will also fund master plan updates for both water and wastewater.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$0	\$1,200,000	\$0	\$0	\$0	\$500,000	\$0	\$1,700,000
Total Project Expenditures	\$0	\$1,200,000	\$0	\$0	\$0	\$500,000	\$0	\$1,700,000
Funding Sources								
Water and Sewer Fund Balance	\$0	\$1,200,000	\$0	\$0	\$0	\$500,000	\$0	\$1,700,000
Total Project Funding Sources	\$0	\$1,200,000	\$0	\$0	\$0	\$500,000	\$0	\$1,700,000

PROJECT TITLE Elledge Basin Capacity Improvements	DEPARTMENT/DIVISION Utilities / Water Distribution and Wastewater Collection
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PROJECT DESCRIPTION/JUSTIFICATION

The Utilities Division is completing a Wastewater Master Plan to review the capacity needs in all three (3) drainage basins (South Fork, Elledge, and Muddy Creek) within our service area. The Elledge Basin includes over 539 miles of gravity sewer main. This project will fund design and construction projects to provide additional capacity in the Elledge basin as indicated by the Wastewater Master Plan.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$400,000	\$0	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,400,000
Construction	0	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Contingency	0	0	100,000	100,000	100,000	100,000	100,000	500,000
Total Project Expenditures	\$400,000	\$0	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$12,900,000
Funding Sources								
Revenue Bonds	\$400,000	\$0	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$12,900,000
Total Project Funding Sources	\$400,000	\$0	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$12,900,000

PROJECT TITLE Muddy Creek Basin Capacity Improvements	DEPARTMENT/DIVISION Utilities / Water Distribution and Wastewater Collection
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PROJECT DESCRIPTION/JUSTIFICATION

The Utilities Division is completing a Wastewater Master Plan to review the capacity needs in all three drainage basins (South Fork, Elledge, and Muddy Creek) within our service area. The Muddy Creek Basin includes over 758 miles of gravity sewer main. This project will fund design and construction projects to provide additional capacity in the Muddy Creek basin as identified by the Wastewater Master Plan.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$400,000	\$3,437,000	\$879,000	\$2,558,000	\$0	\$0	\$0	\$7,274,000
Land / Right-of-Way Acquisition	0	194,000	0	0	0	0	0	194,000
Construction	0	0	8,607,800	25,046,100	0	0	0	33,653,900
Contingency	0	0	183,000	533,000	0	0	0	716,000
Total Project Expenditures	\$400,000	\$3,631,000	\$9,669,800	\$28,137,100	\$0	\$0	\$0	\$41,837,900
Funding Sources								
Revenue Bonds	\$400,000	\$3,631,000	\$9,669,800	\$28,137,100	\$0	\$0	\$0	\$41,837,900
Total Project Funding Sources	\$400,000	\$3,631,000	\$9,669,800	\$28,137,100	\$0	\$0	\$0	\$41,837,900

PROJECT TITLE New Elevated Water Tanks	DEPARTMENT/DIVISION Utilities / Water Distribution and Wastewater Collection
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PROJECT DESCRIPTION/JUSTIFICATION

The project will fund the construction of two new elevated storage tanks in the system. The current recommendations from the Distribution System Master Plan indicate the need for additional storage in the Clemmons and Kernersville service areas to meet demand projections for 2030. This project will fund the construction of new one million gallon elevated storage tanks in the Clemmons and Kernersville pressure zones. As part of the FY 18-19 project, the Graves Street water tank will be removed.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$566,660	\$0	\$0	\$0	\$0	\$425,000	\$0	\$991,660
Land / Right-of-Way Acquisition	120,000	0	0	0	0	0	0	120,000
Construction	4,249,980	0	0	0	0	2,833,330	0	7,083,310
Contingency	212,520	0	0	0	0	141,670	0	354,190
Total Project Expenditures	\$5,149,160	\$0	\$0	\$0	\$0	\$3,400,000	\$0	\$8,549,160
Funding Sources								
Revenue Bonds	\$5,149,160	\$0	\$0	\$0	\$0	\$0	\$0	\$5,149,160
Water and Sewer Fund Balance	0	0	0	0	0	3,400,000	0	3,400,000
Total Project Funding Sources	\$5,149,160	\$0	\$0	\$0	\$0	\$3,400,000	\$0	\$8,549,160

PROJECT TITLE South Fork Basin Capacity Improvements	DEPARTMENT/DIVISION Utilities / Water Distribution and Wastewater Collection
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PROJECT DESCRIPTION/JUSTIFICATION

The Utilities Division is completing a Wastewater Master Plan to review the capacity needs in all three (3) drainage basins (South Fork, Elledge, and Muddy Creek) within our service area. The South Fork Basin includes over 386 miles of gravity sewer main. This project will fund design and construction projects to provide additional capacity in the South Fork basin as indicated by the Wastewater Master Plan.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$0	\$0	\$0	\$918,000	\$729,500	\$918,000	\$729,500	\$3,295,000
Land / Right-of-Way Acquisition	0	0	0	72,000	56,000	0	0	128,000
Construction	0	0	0	0	0	8,986,400	7,143,400	16,129,800
Contingency	0	0	0	0	0	191,000	152,000	343,000
Total Project Expenditures	\$0	\$0	\$0	\$990,000	\$785,500	\$10,095,400	\$8,024,900	\$19,895,800
Funding Sources								
Revenue Bonds	\$0	\$0	\$0	\$990,000	\$785,500	\$10,095,400	\$8,024,900	\$19,895,800
Total Project Funding Sources	\$0	\$0	\$0	\$990,000	\$785,500	\$10,095,400	\$8,024,900	\$19,895,800

PROJECT TITLE Tanglewood Lift Station Improvements	DEPARTMENT/DIVISION Utilities / Water Distribution and Wastewater Collection
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PROJECT DESCRIPTION/JUSTIFICATION

Tanglewood Lift Station is located in the southwestern part of the City/County Utility Commission's (CCUC) collection system in the Yadkin River drainage basin. Tanglewood receives flow from gravity systems and two pump station force mains. One force main comes from CCUC's Fair Oaks Lift Station and the other comes from the Davie County's Yadkin River Lift Station. Based on the expected service area growth, the Tanglewood Lift Station will need to be expanded to meet future flow projections, by 2018. CCUC is evaluating possible alternatives to provide future capacity at the Tanglewood Lift Station.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$1,150,000	\$0	\$0	\$0	\$35,560	\$0	\$0	\$1,185,560
Land / Right-of-Way Acquisition	0	0	0	0	141,000	0	0	141,000
Construction	1,300,000	0	0	0	2,160,000	0	0	3,460,000
Contingency	200,000	0	0	0	472,000	0	0	672,000
Total Project Expenditures	\$2,650,000	\$0	\$0	\$0	\$2,808,560	\$0	\$0	\$5,458,560
Funding Sources								
Revenue Bonds	\$2,650,000	\$0	\$0	\$0	\$2,808,560	\$0	\$0	\$5,458,560
Total Project Funding Sources	\$2,650,000	\$0	\$0	\$0	\$2,808,560	\$0	\$0	\$5,458,560

PROJECT TITLE Wastewater Collection System Improvements	DEPARTMENT/DIVISION Utilities / Water Distribution and Wastewater Collection
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PROJECT DESCRIPTION/JUSTIFICATION

This project provides multi-year funding for inspection, evaluation, design, and construction of sanitary sewer rehabilitation projects throughout the system. In many areas of the sewer system, the pipes and manholes have reached ages that exceed 60, 70, and 80 years and have exceeded their design life. Manholes have deteriorated and pipes have cracked and broken. These problems cause backups and flow problems, and they allow water to infiltrate/inflow into the sewer system causing sanitary sewer overflows (SSO's) and extra cost at the plants for treatment.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$260,870	\$260,870	\$260,870	\$260,870	\$260,870	\$260,870	\$260,870	\$1,826,090
Construction	2,608,690	2,608,690	2,608,690	2,608,690	2,608,690	2,608,690	2,608,690	18,260,830
Contingency	130,440	130,440	130,440	130,440	130,440	130,440	130,440	913,080
Total Project Expenditures	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$21,000,000
Funding Sources								
State Revolving Loan	\$0	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$1,500,000
Water and Sewer Fund Balance	3,000,000	1,500,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	19,500,000
Total Project Funding Sources	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$21,000,000

PROJECT TITLE Water Distribution System Improvements	DEPARTMENT/DIVISION Utilities / Water Distribution and Wastewater Collection
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PROJECT DESCRIPTION/JUSTIFICATION

This project provides multi-year funding for water distribution improvements throughout the City and County. This project will fund some planned work such as valve exercising, as well as unanticipated projects that arise throughout the fiscal year, such as projects for rehabilitating portions of the water system, chlorination booster projects, structure adjustments, system-wide asset replacement planning, and other miscellaneous water system improvements.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$1,050,000
Construction	800,000	800,000	800,000	800,000	800,000	800,000	800,000	5,600,000
Contingency	50,000	50,000	50,000	50,000	50,000	50,000	50,000	350,000
Total Project Expenditures	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$7,000,000
Funding Sources								
Water and Sewer Fund Balance	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$7,000,000
Total Project Funding Sources	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$7,000,000

PROJECT TITLE Water Tank Rehabilitation	DEPARTMENT/DIVISION Utilities / Water Distribution and Wastewater Collection
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PROJECT DESCRIPTION/JUSTIFICATION

This project consists of structural repairs, lead paint abatement, and coating replacement for elevated and ground storage tanks. Each of the tanks included in this project has been in service at least 20 years. An engineering firm that specializes in tank maintenance has inspected all of the tanks included, and this repair program is based on its recommendations. The goal of the project is to maximize the service life of these structures and to bring them into compliance with current Occupational Safety and Health Administration (OSHA) and American Water Works Association (AWWA) standards. The water facilities master plan identified needs for several tanks over a four year period. FY 2014-2015 appropriations will fund exterior coating repair needs for the 15th Street water tank. The Bodenhamer Street elevated tank has been identified for rehabilitation in FY 2015-2016. The Tobaccoville tank will need structural repairs and exterior coating in FY 2017-2018.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$187,620	\$100,630	\$108,500	\$15,000	\$90,000	\$15,000	\$15,000	\$531,750
Construction	1,250,840	662,500	850,000	75,000	625,000	75,000	75,000	3,613,340
Contingency	62,540	36,880	80,000	5,000	36,250	5,000	5,000	230,670
Total Project Expenditures	\$1,501,000	\$800,010	\$1,038,500	\$95,000	\$751,250	\$95,000	\$95,000	\$4,375,760
Funding Sources								
Revenue Bonds	\$1,501,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,501,000
Water and Sewer Fund Balance	0	800,010	1,038,500	95,000	751,250	95,000	95,000	2,874,760
Total Project Funding Sources	\$1,501,000	\$800,010	\$1,038,500	\$95,000	\$751,250	\$95,000	\$95,000	\$4,375,760

PROJECT TITLE Basin Study Updates	DEPARTMENT/DIVISION Stormwater Management
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PROJECT DESCRIPTION/JUSTIFICATION

This project provides for a comprehensive update of existing public and private storm drainage systems in the annexed areas within all 15 sub-watersheds within the City limits. The storm sewer infrastructure will then be modeled to determine drainage system deficiencies (such as identification of an inadequate piping system that overflows and discharges water into the street). In addition to analyzing the capabilities of the right-of-way drainage system, master planning efforts also model the quality of the water using chemical analysis and an Index of Biotic Integrity (IBI) to yield an overall rating for each watershed. This information is used in targeting watersheds improvement/degradation over time.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$9,319,200	\$0	\$0	\$0	\$0	\$300,000	\$300,000	\$9,919,200
Total Project Expenditures	\$9,319,200	\$0	\$0	\$0	\$0	\$300,000	\$300,000	\$9,919,200
Funding Sources								
Stormwater Management Fund	\$9,319,200	\$0	\$0	\$0	\$0	\$300,000	\$300,000	\$9,919,200
Total Project Funding Sources	\$9,319,200	\$0	\$0	\$0	\$0	\$300,000	\$300,000	\$9,919,200

PROJECT TITLE City Yard Contamination - Phase II	DEPARTMENT/DIVISION Stormwater Management
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PROJECT DESCRIPTION/JUSTIFICATION

This facility provides stormwater quality enhancements and stormwater quantity attenuation for future development in the Piedmont Triad Research Park and along a segment of the Salem Creek Connector. This facility discharges to Salem Creek which flows into Muddy Creek. Salem Creek and Muddy Creek have total maximum daily load restrictions for fecal coliform and total suspended solids (TSS) respectively. Sediment removal by the facility will directly reduce the TSS levels in the receiving waters. Fecal coliform levels will be reduced in the pond by bacterial predation and ultraviolet light exposure prior to surface water discharges into the receiving stream. Since fecal coliform attaches to sediment particles, further reductions will also be realized as a by-product of reducing sediment transport. Lastly, surface water quality will be improved by the removal and proper disposal of pollutants such as coal combustion by-products and petroleum contaminated soils.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$0	\$600,000	\$0	\$0	\$0	\$0	\$0	\$600,000
Construction	3,715,550	0	1,769,760	0	0	0	0	5,485,310
Other (Leasing Capital Projects Fund)	1,000,000	0	0	0	0	0	0	1,000,000
Contingency	0	0	230,240	0	0	0	0	230,240
Total Project Expenditures	\$4,715,550	\$600,000	\$2,000,000	\$0	\$0	\$0	\$0	\$7,315,550
Funding Sources								
Revenue Bonds	\$2,125,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,125,000
Stormwater Management Fund	2,590,550	600,000	2,000,000	0	0	0	0	5,190,550
Total Project Funding Sources	\$4,715,550	\$600,000	\$2,000,000	\$0	\$0	\$0	\$0	\$7,315,550

PROJECT TITLE Drainage Improvements on Private Property	DEPARTMENT/DIVISION Stormwater Management
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PROJECT DESCRIPTION/JUSTIFICATION

City ordinances authorize the City to participate in the correction of storm drainage problems that occur on private residential property. The cap on project cost is \$50,000 per affected property, with the City's participation in eligible projects limited to 70%. Each project request will be reviewed by city staff and presented to the City Council for final approval.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Construction	\$2,150,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$3,650,000
Total Project Expenditures	\$2,150,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$3,650,000
Funding Sources								
Stormwater Management Fund	\$2,150,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$3,650,000
Total Project Funding Sources	\$2,150,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$3,650,000

PROJECT TITLE Federal Emergency Management Agency Severe Repetitive Loss Grant Assistance	DEPARTMENT/DIVISION Stormwater Management
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PROJECT DESCRIPTION/JUSTIFICATION

The City Council has indicated an interest to assist citizens with flood ravaged properties who wish to participate in FEMA grant funding programs such as severe repetitive loss, which removes properties from the 100 year floodplain. Property owners at 2870 Marguerite Park Drive and 5525 Phillips Bridge Road have expressed interest in participation in this program. Scope of work for this project includes payment for the dwelling and property, demolition of the property, disposal of debris, legal fees associated with placing deed restrictions on the property, and recording a conservation easement on the property. Any grant awarded by FEMA must be carried out by the local government. Grant assistance is expected from the FEMA in the amount of 90% of the total cost of the project, with the remaining 10% being part of the City's 70/30 cost share. FEMA will only reimburse the city when the project has been completed; therefore, the full amount of the project has to be encumbered. The Stormwater Division is submitting applications for FEMA funding from citizens who are interested in this type of program.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Land / Right-of-Way Acquisition	\$1,087,310	\$400,230	\$0	\$0	\$0	\$0	\$0	\$1,487,540
Construction (Demo)	0	80,380	0	0	0	0	0	80,380
Contingency	0	48,060	0	0	0	0	0	48,060
Total Project Expenditures	\$1,087,310	\$528,670	\$0	\$0	\$0	\$0	\$0	\$1,615,980
Funding Sources								
Stormwater Management Fund	\$1,087,310	\$528,670	\$0	\$0	\$0	\$0	\$0	\$1,615,980
Total Project Funding Sources	\$1,087,310	\$528,670	\$0	\$0	\$0	\$0	\$0	\$1,615,980

PROJECT TITLE	DEPARTMENT/DIVISION
Stormwater Infrastructure Renovations	Stormwater Management

PROJECT DESCRIPTION/JUSTIFICATION

Through stormwater basin studies and City inspections, the Stormwater staff has identified locations throughout the City where public stormwater infrastructure is deficient. The drainage systems in these locations are aging or inadequate in size to handle current stormwater volumes. The Stormwater staff has assigned each project a priority ranking and created a 15-year plan for constructing these improvements. Current projects include infrastructure improvements at several locations. The drainage system under Bennett Drive, approximately 400' south of its intersection with Country Club Road, is undersized and overtops Bennett Drive frequently. Overtopping of this system causes safety issues to the traveling public, limited or loss of access to private properties, as well as damage to upstream and downstream properties. The drainage system under Edgebrook, near its intersection with Bethabara Road, is undersized and impounds water frequently. This impoundment causes damage to upstream and downstream properties. Upstream private properties have suffered repetitive flooding losses while the downstream receiving stream is being severely eroded. This severe erosion is undermining the roadside shoulder of Bethabara Road. The current drainage system at these locations do not meet city design standards.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$160,000	\$0	\$0	\$0	\$0	\$0	\$0	\$160,000
Construction	8,452,090	220,000	650,000	1,000,000	1,000,000	1,024,000	1,176,000	13,522,090
Total Project Expenditures	\$8,612,090	\$220,000	\$650,000	\$1,000,000	\$1,000,000	\$1,024,000	\$1,176,000	\$13,682,090
Funding Sources								
Revenue Bonds	\$1,426,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,426,000
Stormwater Management Fund	7,186,090	220,000	650,000	1,000,000	1,000,000	1,024,000	1,176,000	12,256,090
Total Project Funding Sources	\$8,612,090	\$220,000	\$650,000	\$1,000,000	\$1,000,000	\$1,024,000	\$1,176,000	\$13,682,090



Public Safety

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PUBLIC SAFETY

Project Title	Budget Year 2014-2015	Planning Year 2015-2016	Planning Year 2016-2017	Planning Year 2017-2018	Planning Year 2018-2019	Planning Year 2019-2020	Total Planned
Fire Department:							
Fire Apparatus Replacement	\$573,690	\$1,334,960	\$1,241,000	\$1,473,370	\$1,395,960	\$725,900	\$6,744,880
Fire Stations Facility Renewal	0	380,000	0	300,000	0	200,000	880,000
Total Expenditures	\$573,690	\$1,714,960	\$1,241,000	\$1,773,370	\$1,395,960	\$925,900	\$7,624,880
Funding Sources							
Bonds:							
General Obligation Bonds / Two-Thirds	\$0	\$380,000	\$0	\$300,000	\$0	\$200,000	\$880,000
Other:							
North Carolina Municipal Leasing Corporation	\$573,690	\$1,334,960	\$1,241,000	\$1,473,370	\$1,395,960	\$725,900	\$6,744,880
Total Funding Sources	\$573,690	\$1,714,960	\$1,241,000	\$1,773,370	\$1,395,960	\$925,900	\$7,624,880

PROJECT TITLE Fire Apparatus Replacement	DEPARTMENT/DIVISION Fire Department
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PROJECT DESCRIPTION/JUSTIFICATION

Fire apparatus provide transportation of personnel and equipment to emergency incidents. In order to have reliable apparatus, a strategy of replacing first-line pumpers at 12-15 years and ladder trucks at 15-20 years, considering mileage and condition of the vehicle, is being followed. The following replacements are needed to comply with this schedule: FY 14-15 Unit #30 (2001 Spartan); FY 2015-2016 Unit #0017 (1995 HME/Quality) and Unit #1502 (2001 Pierce-Rescue 1); FY 2016-2017 Unit #1503 (2003 Spartan) and Unit #26 (2004 Spartan); FY 2017-2018 Unit #1501 (2001 Sutphen Aerial Platform Ladder); FY 2018-2019 Haz-Mat Unit #8555 (2005 Spartan/Crimson) and Unit #1041 (2006 Spartan); and FY2019-2020 Unit #0042 (2006 Spartan). These replacements will be financed over ten years through the North Carolina Municipal Leasing Corporation, with the annual payment included in the department's operating budget.



FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Equipment and Furnishings	\$2,231,880	\$573,690	\$1,334,960	\$1,241,000	\$1,473,370	\$1,395,960	\$725,900	\$8,976,760
Total Project Expenditures	\$2,231,880	\$573,690	\$1,334,960	\$1,241,000	\$1,473,370	\$1,395,960	\$725,900	\$8,976,760
Funding Sources								
NCMLC	\$2,231,880	\$573,690	\$1,334,960	\$1,241,000	\$1,473,370	\$1,395,960	\$725,900	\$8,976,760
Total Project Funding Sources	\$2,231,880	\$573,690	\$1,334,960	\$1,241,000	\$1,473,370	\$1,395,960	\$725,900	\$8,976,760
OPERATING IMPACT:								
Lease Payments		\$57,370	\$190,870	\$314,970	\$462,310	\$601,910	\$674,500	\$2,301,930
Total Net Expenditures		\$57,370	\$190,870	\$314,970	\$462,310	\$601,910	\$674,500	\$2,301,930

PROJECT TITLE Fire Stations Facility Renewal	DEPARTMENT/DIVISION Property and Facilities Management
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PROJECT DESCRIPTION/JUSTIFICATION

Under the City's asset management program, Property & Facilities Management has performed facility condition assessments on all buildings in general fund departments, including all fire stations. Facilities Management has documented needs and established a schedule for the replacement of roofs, replacement of heating and air conditioning systems, painting, renewal of interior finishes, replacement and repair of electrical and lighting systems, bathroom and kitchen renewal, and miscellaneous systems maintenance at each of the City-owned fire stations. Facility renewal work in FY 2015-2016 will include: HVAC replacement at Station 6; heating unit service at the Fire Maintenance Garage; engine bay heater replacement at Station 7; and roof replacements at Stations 6, 10, 11, and 12.



FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Construction	\$1,653,548	\$0	\$60,000	\$0	\$300,000	\$0	\$200,000	\$2,213,548
Equipment & Furnishings	0	0	320,000	0	0	0	0	320,000
Total Project Expenditures	\$1,653,548	\$0	\$380,000	\$0	\$300,000	\$0	\$200,000	\$2,533,548
Funding Sources								
General Fund	\$118,625	\$0	\$0	\$0	\$0	\$0	\$0	\$118,625
GO Bonds / Two-Thirds	1,472,345	0	380,000	0	300,000	0	200,000	2,352,345
Other-Fund Balance Appropriation	62,578	0	0	0	0	0	0	62,578
Total Project Funding Sources	\$1,653,548	\$0	\$380,000	\$0	\$300,000	\$0	\$200,000	\$2,533,548



Transportation

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TRANSPORTATION

Project Title	Budget Year 2014-2015	Planning Year 2015-2016	Planning Year 2016-2017	Planning Year 2017-2018	Planning Year 2018-2019	Planning Year 2019-2020	Total Planned
Streets and Sidewalks:							
Bridge Repair and Replacement	\$0	\$2,900,000	\$0	\$5,000,000	\$0	\$5,000,000	\$12,900,000
Greenway Development	115,000	115,000	115,000	115,000	115,000	115,000	690,000
New Traffic Signal System	468,000	0	0	0	0	0	468,000
Sidewalk Maintenance / New Sidewalk Construction	155,000	155,000	155,000	155,000	155,000	155,000	930,000
STP-DA ¹ Bicycle and Pedestrian Projects	0	837,500	1,000,000	625,000	1,750,000	1,750,000	5,962,500
STP-DA ¹ Intersection Projects	0	500,000	500,000	500,000	500,000	500,000	2,500,000
Street Resurfacing Projects	1,000,000	2,498,000	1,198,000	2,698,000	1,198,000	2,698,000	11,290,000
Traffic Calming Projects	0	135,000	135,000	135,000	135,000	135,000	675,000
Traffic Safety Projects	0	135,000	135,000	135,000	135,000	135,000	675,000
Mass Transit:							
Fixed Route Bus Replacement	\$0	\$0	\$3,185,000	\$3,810,000	\$0	\$0	\$6,995,000
Passenger Amenities	666,000	666,000	1,091,000	41,000	41,000	41,000	2,546,000
Security Enhancements	41,000	41,000	41,000	41,000	41,000	41,000	246,000
Trans-AID Vehicle Replacement	0	0	1,050,000	2,275,000	0	0	3,325,000
Transit Equipment Replacement	290,000	75,000	0	252,000	0	0	617,000
Transit Facility Renovations	165,500	30,500	105,500	203,500	455,500	455,500	1,416,000
Transit Vehicle Maintenance	250,000	600,000	600,000	250,000	250,000	250,000	2,200,000
Public Transportation:							
Union Station	\$18,300,000	\$0	\$0	\$0	\$0	\$0	\$18,300,000
Total Expenditures	\$21,450,500	\$8,688,000	\$9,310,500	\$16,235,500	\$4,775,500	\$11,275,500	\$71,735,500
Funding Sources							
Bonds:							
General Obligation Bonds / Two-Thirds	\$0	\$1,880,000	\$0	\$2,500,000	\$0	\$2,500,000	\$6,880,000
Limited Obligation Bonds	18,300,000	0	0	0	0	0	18,300,000
Intergovernmental Resources:							
Federal Transit Administration	\$630,000	\$630,000	\$4,229,750	\$5,916,000	\$630,000	\$630,000	\$12,665,750
North Carolina Department of Transportation	0	2,320,000	0	4,000,000	0	4,000,000	10,320,000
Gasoline Tax Revenue	1,198,000	1,198,000	1,198,000	1,198,000	1,198,000	1,198,000	7,188,000
Surface Transportation Program Direct Apportionment Funds	500,000	1,570,000	2,040,000	900,000	1,800,000	1,800,000	8,610,000
Reserves:							
Capital Project Reserves	\$0	\$267,500	\$300,000	\$225,000	\$450,000	\$450,000	\$1,692,500
Winston-Salem Transit Authority Fund Reserves	282,500	282,500	1,002,750	956,500	157,500	157,500	2,839,250
Other:							
Motor Vehicle Privilege Tax	\$540,000	\$540,000	\$540,000	\$540,000	\$540,000	\$540,000	\$3,240,000
Total Funding Sources	\$21,450,500	\$8,688,000	\$9,310,500	\$16,235,500	\$4,775,500	\$11,275,500	\$71,735,500

1- Surface Transportation Program-Direct Apportionment

PROJECT TITLE Bridge Repair and Replacement	DEPARTMENT/DIVISION Engineering
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PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the repair and replacement of bridges on the City's maintenance system. Bridges are repaired to ensure safety and to extend their life. Consultants working for the North Carolina Department of Transportation (NCDOT) evaluate bridges every two years, and replacements are scheduled based on those evaluations and sufficiency ratings. Bridges on Reynolds Park Road (two bridges) and West First Street have been identified for replacements. Agreements with NCDOT for funding support for these bridges has been secured. Reynolds Park Road construction anticipated to begin in 2015 and First Street Bridge construction anticipated to begin in 2016. However, the First Street Bridge will require significant coordination with a railroad, which may impact construction. Future bridge replacement projects will be identified based on sufficiency ratings developed by the NCDOT. Currently, a federal program provides 80% of the funding for bridge replacement projects (those over 20 feet in length). These funds are passed through the NCDOT.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$1,050,000	\$0	\$150,000	\$0	\$700,000	\$0	\$700,000	\$2,600,000
Land / Right-of-Way Acquisition	450,000	0	0	0	150,000	0	150,000	750,000
Construction	3,597,340	0	2,750,000	0	3,550,000	0	3,550,000	13,447,340
Contingency	200,000	0	0	0	600,000	0	600,000	1,400,000
Total Project Expenditures	\$5,297,340	\$0	\$2,900,000	\$0	\$5,000,000	\$0	\$5,000,000	\$18,197,340
Funding Sources								
GO Bonds / Two-Thirds	\$930,000	\$0	\$580,000	\$0	\$1,000,000	\$0	\$1,000,000	\$3,510,000
Capital Project Reserves	218,980	0	0	0	0	0	0	218,980
NC Dept of Transportation	4,148,360	0	2,320,000	0	4,000,000	0	4,000,000	14,468,360
Total Project Funding Sources	\$5,297,340	\$0	\$2,900,000	\$0	\$5,000,000	\$0	\$5,000,000	\$18,197,340

PROJECT TITLE Greenway Development	DEPARTMENT/DIVISION Engineering
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PROJECT DESCRIPTION/JUSTIFICATION

This project will create a reserve for future greenway development, using the proceeds from the motor vehicle privilege tax revenue that are allocated for non-vehicular transportation projects. Staff will coordinate with the Transportation Advisory Committee (TAC) and Bicycle and Greenway Planning Sub-Committee to make recommendations and identify state and federal matching funds. Potential options for using these motor vehicle tax revenues over the next six years include: completion of Brushy Fork Greenway, Phase IV from Lowery Street to Salem Creek Greenway; providing additional funds to be able to complete Muddy Creek Greenway, Phase III; Salem Lake North Greenway; and completing the Cedar Trail Connector to Muddy Creek Greenway. Other priorities identified include Muddy Creek Phase IV and Lantern Ridge Connector to Muddy Creek Greenway.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Construction	\$1,054,850	\$115,000	\$115,000	\$115,000	\$115,000	\$115,000	\$115,000	\$1,744,850
Total Project Expenditures	\$1,054,850	\$115,000	\$115,000	\$115,000	\$115,000	\$115,000	\$115,000	\$1,744,850
Funding Sources								
Motor Vehicle Privilege Tax	\$1,054,850	\$115,000	\$115,000	\$115,000	\$115,000	\$115,000	\$115,000	\$1,744,850
Total Project Funding Sources	\$1,054,850	\$115,000	\$115,000	\$115,000	\$115,000	\$115,000	\$115,000	\$1,744,850

PROJECT TITLE New Traffic Signal System	DEPARTMENT/DIVISION Department of Transportation
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PROJECT DESCRIPTION/JUSTIFICATION

Winston-Salem's computerized traffic signal system is over 15 years old. It does not have capacity to accommodate all the signals in the city and lacks communications ability with signals on the city's outer edge. A modern functional signal system must be in place before the rehabilitation of Business 40 through downtown. This project will replace communications and devices at all city and state maintained traffic signal locations in Winston-Salem. Funding for this project will be provided as follows: 80% in federal funding, 12.2% in state funding, and 7.8% from the City. The total cost of this project, including federal and state funding, is \$20 million. The City's capital project is only required to cover the local match since NCDOT will be managing the project and paying the bulk of the project costs directly to the contractors and consultants.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$156,000	\$0	\$0	\$0	\$0	\$0	\$0	\$156,000
Construction	936,000	468,000	0	0	0	0	0	1,404,000
Total Project Expenditures	\$1,092,000	\$468,000	\$0	\$0	\$0	\$0	\$0	\$1,560,000
Funding Sources								
Motor Vehicle Privilege Tax	\$540,000	\$270,000	\$0	\$0	\$0	\$0	\$0	\$810,000
Capital Project Reserves	156,000	0	0	0	0	0	0	156,000
Gasoline Tax	396,000	198,000	0	0	0	0	0	594,000
Total Project Funding Sources	\$1,092,000	\$468,000	\$0	\$0	\$0	\$0	\$0	\$1,560,000

PROJECT TITLE Sidewalk Maintenance / New Sidewalk Construction	DEPARTMENT/DIVISION Department of Transportation
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PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding for the construction of new sidewalks, and the maintenance/repair of existing sidewalks. This project also provides for the installation of ramps to accommodate the disabled as needed to comply with the Americans with Disabilities Act (ADA). New sidewalks are constructed based on a priority system. Ramps are installed in high priority areas and as requested by persons with disabilities. Sidewalks that are in poor condition are both a safety hazard and a mobility impediment to the disabled. This project services citizens throughout the City.



FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning / Design / Engineering	\$300,000	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000	\$630,000
Construction	4,178,200	100,000	100,000	100,000	100,000	100,000	100,000	4,778,200
Total Project Expenditures	\$4,478,200	\$155,000	\$155,000	\$155,000	\$155,000	\$155,000	\$155,000	\$5,408,200
Funding Sources								
General Fund	\$1,027,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,027,000
GO Bonds / Two-Thirds	2,131,320	0	0	0	0	0	0	2,131,320
NC Dept of Transportation	635,580	0	0	0	0	0	0	635,580
Motor Vehicle Privilege Tax	684,300	155,000	155,000	155,000	155,000	155,000	155,000	1,614,300
Total Project Funding Sources	\$4,478,200	\$155,000	\$155,000	\$155,000	\$155,000	\$155,000	\$155,000	\$5,408,200

PROJECT TITLE Surface Transportation Program-Direct Apportionment (STP-DA) Bicycle and Pedestrian Projects	DEPARTMENT/DIVISION Department of Transportation
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PROJECT DESCRIPTION/JUSTIFICATION

The Winston-Salem Area MPO has the authority to designate a portion of STP-DA funds, sent from the federal government, to NCDOT, for use on projects within the MPO. For FY 14-15, work will continue on projects funded in previous years, including sidewalks on Silas Creek Parkway and Hanes Mall Boulevard. For FY 15-16, the projects include Bicycle Lanes (Academy Street, Bowen Boulevard, Cleveland Avenue, Glade Street, Hawthorne Road, Liberty Street, Main Street, Northwest Boulevard, Old Greensboro Road, Stratford Road, Trade Street, Waughtown Street, and 5th Street). Cloverdale Avenue Pedestrian Improvements and Peters Creek Streetscape Improvements are planned for FY 16-17 and FY 17-18, respectively. Federal funds are expected in the amount of 80% when the projects are completed, with the remaining 20% being part of the City's cost share.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Construction	\$2,437,500	\$0	\$837,500	\$1,000,000	\$625,000	\$1,750,000	\$1,750,000	\$8,400,000
Total Project Expenditures	\$2,437,500	\$0	\$837,500	\$1,000,000	\$625,000	\$1,750,000	\$1,750,000	\$8,400,000
Funding Sources								
General Fund	\$249,500	\$0	\$0	\$0	\$0	\$0	\$0	\$249,500
STP-DA Funds	1,950,000	0	670,000	800,000	500,000	1,400,000	1,400,000	6,720,000
Capital Project Reserves	95,000	0	167,500	200,000	125,000	350,000	350,000	1,287,500
Motor Vehicle Privilege Tax	143,000	0	0	0	0	0	0	143,000
Total Project Funding Sources	\$2,437,500	\$0	\$837,500	\$1,000,000	\$625,000	\$1,750,000	\$1,750,000	\$8,400,000

PROJECT TITLE Surface Transportation Program-Direct Apportionment (STP-DA) Intersection Projects	DEPARTMENT/DIVISION Department of Transportation
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PROJECT DESCRIPTION/JUSTIFICATION

The Winston-Salem Area MPO has the authority to designate a portion of STP-DA funds, sent from the federal government to NCDOT, for use on projects within the MPO. Federal funds in the amount of 80% will be reimbursed when the projects are completed, with the remaining 20% being part of the City's cost share.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Land / Right-of-Way Acquisition	\$589,200	\$0	\$0	\$0	\$0	\$0	\$0	\$589,200
Construction	1,530,220	0	500,000	500,000	500,000	500,000	500,000	4,030,220
Total Project Expenditures	\$2,119,420	\$0	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$4,619,420
Funding Sources								
STP-DA Funds	\$552,000	\$0	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,552,000
North Carolina Department of Transportation	1,047,740	0	0	0	0	0	0	1,047,740
Motor Vehicle Privilege Tax	178,000	0	0	0	0	0	0	178,000
Capital Project Reserves	341,680	0	100,000	100,000	100,000	100,000	100,000	841,680
Total Project Funding Sources	\$2,119,420	\$0	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$4,619,420

PROJECT TITLE Street Resurfacing Projects	DEPARTMENT/DIVISION Department of Transportation
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PROJECT DESCRIPTION/JUSTIFICATION

The City of Winston-Salem maintains 1,013.52 centerline miles (2,180.63 lane miles) of hard surface streets and 6.62 miles of dirt streets. The benchmark for city streets is that 85% of the streets have a pavement condition rating of 85 or higher. Currently only 50% of the streets have a pavement condition rating of 85 or higher. 21% of the streets have a pavement condition rating below 60. Available resurfacing funds are applied and distributed throughout various wards to this group of streets with an overall goal of improving the commute for citizens and achieving the previous mentioned benchmark.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Construction	\$10,302,360	\$1,000,000	\$2,498,000	\$1,198,000	\$2,698,000	\$1,198,000	\$2,698,000	\$21,592,360
Total Project Expenditures	\$10,302,360	\$1,000,000	\$2,498,000	\$1,198,000	\$2,698,000	\$1,198,000	\$2,698,000	\$21,592,360
Funding Sources								
General Fund	\$1,027,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,027,000
GO Bonds / Two-Thirds	3,348,000	0	1,300,000	0	1,500,000	0	1,500,000	7,648,000
Gasoline Tax Revenue	5,927,360	1,000,000	1,198,000	1,198,000	1,198,000	1,198,000	1,198,000	12,917,360
Total Project Funding Sources	\$10,302,360	\$1,000,000	\$2,498,000	\$1,198,000	\$2,698,000	\$1,198,000	\$2,698,000	\$21,592,360

PROJECT TITLE Traffic Calming Projects	DEPARTMENT/DIVISION Department of Transportation
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PROJECT DESCRIPTION/JUSTIFICATION

Traffic calming projects require approval of 70% of residents in the neighborhood. Currently in the petition process are traffic calming projects for Vernon Farms, Brookberry Farm, and Greenbrier Road. In February 2006, the City Council authorized the levy of an additional \$5 of the motor vehicle privilege tax. The state legislation requires that one-third of the proceeds be used for traffic management functions including traffic calming. Funding for the projects would come from this one-third of the proceeds.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Construction	\$309,500	\$0	\$135,000	\$135,000	\$135,000	\$135,000	\$135,000	\$984,500
Total Project Expenditures	\$309,500	\$0	\$135,000	\$135,000	\$135,000	\$135,000	\$135,000	\$984,500
Funding Sources								
Motor Vehicle Privilege Tax	\$309,500	\$0	\$135,000	\$135,000	\$135,000	\$135,000	\$135,000	\$984,500
Total Project Funding Sources	\$309,500	\$0	\$135,000	\$135,000	\$135,000	\$135,000	\$135,000	\$984,500

PROJECT TITLE Traffic Safety Projects	DEPARTMENT/DIVISION Department of Transportation
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PROJECT DESCRIPTION/JUSTIFICATION

There are a variety of small traffic improvements discovered during the year which need to be made around the City to improve traffic flow and safety. Projects are identified through safety studies completed during the year. In February 2006, the City Council authorized the levy of an additional \$5 of the motor vehicle privilege tax. The state legislation that authorized this increased fee required that one-third of the proceeds be used for traffic management functions, including congestion management. Funding for these traffic safety projects would come from this one-third of the proceeds.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Construction	\$211,300	\$0	\$135,000	\$135,000	\$135,000	\$135,000	\$135,000	\$886,300
Total Project Expenditures	\$211,300	\$0	\$135,000	\$135,000	\$135,000	\$135,000	\$135,000	\$886,300
Funding Sources								
Motor Vehicle Privilege Tax	\$211,300	\$0	\$135,000	\$135,000	\$135,000	\$135,000	\$135,000	\$886,300
Total Project Funding Sources	\$211,300	\$0	\$135,000	\$135,000	\$135,000	\$135,000	\$135,000	\$886,300

PROJECT TITLE Fixed Route Bus Replacement	DEPARTMENT/DIVISION Winston-Salem Transit Authority
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PROJECT DESCRIPTION/JUSTIFICATION

The Federal Transit Administration (FTA) has determined that the useful life of a fixed route bus is 12 years. This project provides for the regular replacement of these buses as they reach the end of their useful lives. Under MAP21, the FTA would pay 85% of the cost, NCDOT would pay 7.5%, and the City would pay the remaining 7.5% share. The capital plan would fund the City's match from the Winston-Salem Transit Authority Fund. The State recommends proceeding as if no match will be awarded.

The transit authority has developed the following replacement schedule for these buses. These buses will have been in operation for 12 years when they are replaced. The transit authority will apply for additional federal funding in order to replace buses according to the schedule shown below.

	Bus Replacement Schedule					
	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 18-19</u>	<u>FY 19-20</u>
Replacements	0	0	5	6	0	0
Funded	0	0	5	0	0	0
Unfunded	0	0	0	6	0	0

The number of buses that actually would be replaced will depend on the availability of these federal grants and local matching funds.

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Equipment	\$20,043,460	\$0	\$0	\$3,185,000	\$3,810,000	\$0	\$0	\$27,038,460
Total Project Expenditures	\$20,043,460	\$0	\$0	\$3,185,000	\$3,810,000	\$0	\$0	\$27,038,460
Funding Sources								
Federal Transit Administration	\$18,400,880	\$0	\$0	\$2,707,250	\$3,238,500	\$0	\$0	\$24,346,630
North Carolina Department of Transportation	821,290	0	0	0	0	0	0	821,290
Winston-Salem Transit Authority Fund Reserves	532,150	0	0	477,750	571,500	0	0	1,581,400
Motor Vehicle Privilege Tax	289,140	0	0	0	0	0	0	289,140
Total Project Funding Sources	\$20,043,460	\$0	\$0	\$3,185,000	\$3,810,000	\$0	\$0	\$27,038,460

PROJECT TITLE Passenger Amenities	DEPARTMENT/DIVISION Winston-Salem Transit Authority
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PROJECT DESCRIPTION/JUSTIFICATION

The Federal Transit Administration would pay 80% of the cost of passenger amenities such as bus shelters, and the City would pay the remaining 20% share out of the Winston-Salem Transit Authority Fund. The transit authority plans to use these funds to purchase bus shelters. The route and schedule committee would determine the locations for new shelters.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Equipment and Furnishings	\$216,330	\$666,000	\$666,000	\$1,091,000	\$41,000	\$41,000	\$41,000	\$2,762,330
Total Project Expenditures	\$216,330	\$666,000	\$666,000	\$1,091,000	\$41,000	\$41,000	\$41,000	\$2,762,330
Funding Sources								
Federal Transit Administration	\$173,070	\$32,800	\$32,800	\$32,800	\$32,800	\$32,800	\$32,800	\$369,870
STP-DA Funds	0	500,000	500,000	840,000	0	0	0	1,840,000
Winston-Salem Transit Authority Fund Reserves	43,260	133,200	133,200	218,200	8,200	8,200	8,200	552,460
Total Project Funding Sources	\$216,330	\$666,000	\$666,000	\$1,091,000	\$41,000	\$41,000	\$41,000	\$2,762,330

PROJECT TITLE Security Enhancements	DEPARTMENT/DIVISION Winston-Salem Transit Authority
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PROJECT DESCRIPTION/JUSTIFICATION

The Federal Transit Administration would pay 80% of the cost of security enhancements such as cameras, lighting, and metal detectors. The City would pay the remaining 20% share out of the Winston-Salem Transit Authority Fund.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Equipment and Furnishings	\$303,330	\$41,000	\$41,000	\$41,000	\$41,000	\$41,000	\$41,000	\$549,330
Total Project Expenditures	\$303,330	\$41,000	\$41,000	\$41,000	\$41,000	\$41,000	\$41,000	\$549,330
Funding Sources								
Federal Transit Administration	\$242,670	\$32,800	\$32,800	\$32,800	\$32,800	\$32,800	\$32,800	\$439,470
Winston-Salem Transit Authority Fund Reserves	60,660	8,200	8,200	8,200	8,200	8,200	8,200	109,860
Total Project Funding Sources	\$303,330	\$41,000	\$41,000	\$41,000	\$41,000	\$41,000	\$41,000	\$549,330

PROJECT TITLE Trans-AID Vehicle Replacement	DEPARTMENT/DIVISION Winston-Salem Transit Authority
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PROJECT DESCRIPTION/JUSTIFICATION

The Federal Transit Administration (FTA) has determined that the useful life of a paratransit bus is seven years or 200,000 miles. This project provides for the regular replacement of vehicles used to transport the elderly and disabled. Under the Americans with Disabilities Act, transit systems must provide transportation services for disabled individuals. For future years, the transit authority plans to use FTA capital grant funds to replace buses. Under MAP21, FTA would pay 90% of the cost of these buses with the City paying the remaining 10% of the cost. The State recommend proceeding as if no match will be awarded.

The transit authority has developed the following replacement schedule for these buses.

	Trans-AID Bus Replacement Schedule					
	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20
Replacements	0	0	6	13	0	0
Funded	0	0	6	0	0	0
Unfunded	0	0	0	13	0	0

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Equipment	\$5,566,140	\$0	\$0	\$1,050,000	\$2,275,000	\$0	\$0	\$8,891,140
Total Project Expenditures	\$5,566,140	\$0	\$0	\$1,050,000	\$2,275,000	\$0	\$0	\$8,891,140
Funding Sources								
Federal Transit Administration	\$4,605,900	\$0	\$0	\$892,500	\$2,047,500	\$0	\$0	\$7,545,900
North Carolina Department of Transportation	364,220	0	0	0	0	0	0	364,220
Winston-Salem Transit Authority Fund Reserves	596,020	0	0	157,500	227,500	0	0	981,020
Total Project Funding Sources	\$5,566,140	\$0	\$0	\$1,050,000	\$2,275,000	\$0	\$0	\$8,891,140

PROJECT TITLE Transit Equipment Replacement	DEPARTMENT/DIVISION Winston-Salem Transit Authority
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PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the replacement of administrative vehicles, communications equipment, and Maintenance Department equipment. The Federal Transit Administration would provide funding to cover 80% of the cost, and the City would pay the remaining 20% share out of the Winston-Salem Transit Authority Fund.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Equipment	\$1,140,000	\$290,000	\$75,000	\$0	\$252,000	\$0	\$0	\$1,757,000
Total Project Expenditures	\$1,140,000	\$290,000	\$75,000	\$0	\$252,000	\$0	\$0	\$1,757,000
Funding Sources								
Federal Transit Administration	\$959,190	\$232,000	\$60,000	\$0	\$201,600	\$0	\$0	\$1,452,790
Winston-Salem Transit Authority Fund Reserves	180,810	58,000	15,000	0	50,400	0	0	304,210
Total Project Funding Sources	\$1,140,000	\$290,000	\$75,000	\$0	\$252,000	\$0	\$0	\$1,757,000

PROJECT TITLE Transit Facility Renovations	DEPARTMENT/DIVISION Winston-Salem Transit Authority
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PROJECT DESCRIPTION/JUSTIFICATION

This project provides for general facility maintenance for the Hampton Haith Administration Building, the Clark Campbell Transportation Center, and the Maintenance Department. The Federal Transit Administration would provide funding to cover 80% of the cost, and the City would pay the remaining 20% share out of the Winston-Salem Transit Authority Fund.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Construction	\$930,310	\$165,500	\$30,500	\$105,500	\$203,500	\$455,500	\$455,500	\$2,346,310
Total Project Expenditures	\$930,310	\$165,500	\$30,500	\$105,500	\$203,500	\$455,500	\$455,500	\$2,346,310
Funding Sources								
Federal Transit Administration	\$744,230	\$132,400	\$24,400	\$84,400	\$162,800	\$364,400	\$364,400	\$1,877,030
Winston-Salem Transit Authority Fund Reserves	186,080	33,100	6,100	21,100	40,700	91,100	91,100	469,280
Total Project Funding Sources	\$930,310	\$165,500	\$30,500	\$105,500	\$203,500	\$455,500	\$455,500	\$2,346,310

PROJECT TITLE Transit Vehicle Maintenance	DEPARTMENT/DIVISION Winston-Salem Transit Authority
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PROJECT DESCRIPTION/JUSTIFICATION

The Federal Transit Administration would pay 80% of the cost of major vehicle parts. The City would pay the remaining 20% share out of the Winston-Salem Transit Authority Fund.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Equipment and Furnishings	\$1,454,970	\$250,000	\$600,000	\$600,000	\$250,000	\$250,000	\$250,000	\$3,654,970
Total Project Expenditures	\$1,454,970	\$250,000	\$600,000	\$600,000	\$250,000	\$250,000	\$250,000	\$3,654,970
Funding Sources								
Federal Transit Administration	\$1,163,980	\$200,000	\$480,000	\$480,000	\$200,000	\$200,000	\$200,000	\$2,923,980
North Carolina Department of Transportation	35,300	0	0	0	0	0	0	35,300
Winston-Salem Transit Authority Fund Reserves	255,690	50,000	120,000	120,000	50,000	50,000	50,000	695,690
Total Project Funding Sources	\$1,454,970	\$250,000	\$600,000	\$600,000	\$250,000	\$250,000	\$250,000	\$3,654,970

PROJECT TITLE Union Station	DEPARTMENT/DIVISION Public Transportation
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PROJECT DESCRIPTION/JUSTIFICATION

The City of Winston-Salem is proposing an inter-modal transportation facility in Winston-Salem, North Carolina, using a restored former passenger rail station located near downtown (Union Station). The city envisions Union Station initially serving as a regional and local bus terminal and later expanding to include regional and long distance passenger rail service. Union Station is on the National Register of Historic Places and has been designated as a local landmark by Forsyth County. It is a 3-story, 36,000 square foot structure, sitting on approximately 2.36 acres of land comprised of 2 lots and public right of way. Improvements to Union Station would need to be completed in phases.

Under the proposed rehabilitation plan, the station would function as a multi-modal transportation center. The station would have space devoted to transit-related uses and would also contain some offices and/or retail space, with the retail space intended primarily to serve users of the transit station. The City, PART, and NCDOT are among the proposed office tenants. Parking facilities would be provided on the Union Station property for park and ride users, and a bus loop would be provided in front of the station for buses to drop off and pick up passengers. The intersection of S. Martin Luther King Jr. Drive, Excelsior Street, and the eastbound US 421/I-40 Business ramps would be converted to a roundabout.

The renovation of Union Station would restore each of the three floors. The top floor would be reserved for transit uses, while the middle and bottom floors would be used for retail, office space, or related uses. NCDOT and the cities that comprise PART also are studying the benefits of commuter rail or bus rapid transit (BRT) connecting Clemmons, Winston-Salem, Kernersville, High Point, the Piedmont Triad International Airport, Greensboro, and Burlington. A reconstructed pedestrian bridge would extend from the top floor with an elevator and stairs leading down to the train platform and tracks. This bridge would resemble the original bridge, which was demolished by the railroad company in 1975.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Construction	\$0	\$18,300,000	\$0	\$0	\$0	\$0	\$0	\$18,300,000
Total Project Expenditures	\$0	\$18,300,000	\$0	\$0	\$0	\$0	\$0	\$18,300,000
Funding Sources								
Limited Obligation Bonds	\$0	\$18,300,000	\$0	\$0	\$0	\$0	\$0	\$18,300,000
Total Project Funding Sources	\$0	\$18,300,000	\$0	\$0	\$0	\$0	\$0	\$18,300,000

Recreation and Culture

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RECREATION AND CULTURE

Project Title	Budget Year 2014-2015	Planning Year 2015-2016	Planning Year 2016-2017	Planning Year 2017-2018	Planning Year 2018-2019	Planning Year 2019-2020	Total Planned
Recreation Facilities/Parks Renovations and Expansions:							
Corpening Plaza Fountain Renovations	\$350,000	\$0	\$0	\$0	\$0	\$0	\$350,000
Deferred Parks Maintenance Assessment	150,000	0	0	0	0	0	150,000
Historic Bethabara Park Observation Deck Improvements	50,000	0	0	0	0	0	50,000
Picnic Shelter Renovations / Replacements	0	120,000	0	100,000	0	250,000	470,000
Playground Renovations	100,000	295,000	0	500,000	0	300,000	1,195,000
Polo Park Recreation Center Gym Floor Replacement	100,000	0	0	0	0	0	100,000
Recreation and Parks Department Facilities Renewal	0	150,000	0	285,000	0	300,000	735,000
Recreation and Parks Facilities Sidewalk and Roadway Resurfacing	0	100,000	0	150,000	0	150,000	400,000
Recreation Facility Lighting Renovations	0	200,000	0	0	0	200,000	400,000
Swimming Pool Repairs	0	435,000	0	200,000	0	200,000	835,000
Tennis Court Resurfacing and Renovations	500,000	0	0	0	0	0	500,000
Winston Lake Golf Course Improvements	0	200,000	0	0	0	0	200,000
Entertainment:							
Convention Center Capital Renovations (Annual Contribution)	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,500,000
Convention Center Renovations Project	17,500,000	0	0	0	0	0	17,500,000
Total Expenditures	\$19,000,000	\$1,750,000	\$250,000	\$1,485,000	\$250,000	\$1,650,000	\$24,385,000
Funding Sources							
Bonds:							
General Obligation Bonds / Two-Thirds	\$0	\$1,500,000	\$0	\$1,235,000	\$0	\$1,400,000	\$4,135,000
Limited Obligation Bonds	17,500,000	0	0	0	0	0	17,500,000
Other:							
General Fund	\$1,150,000	\$0	\$0	\$0	\$0	\$0	\$1,150,000
North Carolina Municipal Leasing Corporation	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
Contributions / Sponsorships	100,000	0	0	0	0	0	100,000
Total Funding Sources	\$19,000,000	\$1,750,000	\$250,000	\$1,485,000	\$250,000	\$1,650,000	\$24,385,000

PROJECT TITLE Corpening Plaza Fountain Renovations	DEPARTMENT/DIVISION Recreation and Parks / Park Maintenance
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PROJECT DESCRIPTION/JUSTIFICATION

This project will provide for the upgrade of the electrical and plumbing systems for the fountains at Corpening Plaza. This will include renovating the lighting systems and replacing the existing pumps.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Construction	\$0	\$300,000	\$0	\$0	\$0	\$0	\$0	\$300,000
Contingency	0	50,000	0	0	0	0	0	50,000
Total Project Expenditures	\$0	\$350,000	\$0	\$0	\$0	\$0	\$0	\$350,000
Funding Sources								
General Fund	\$0	\$350,000	\$0	\$0	\$0	\$0	\$0	\$350,000
Total Project Funding Sources	\$0	\$350,000	\$0	\$0	\$0	\$0	\$0	\$350,000

PROJECT TITLE Deferred Parks Maintenance Assessment	DEPARTMENT/DIVISION Recreation and Parks / Park Maintenance
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PROJECT DESCRIPTION/JUSTIFICATION

This project will provide for a comprehensive evaluation of the condition of all City park facilities. The report generated from the evaluation would include cost information and schedules for maintenance and repair of all existing park facilities. This assessment would aid the Recreation and Parks Department in planning for regularly scheduled maintenance as well as identifying existing facility issues.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Planning/Design/Engineering	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
Total Project Expenditures	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
Funding Sources								
General Fund	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
Total Project Funding Sources	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000

PROJECT TITLE Historic Bethabara Observation Decks Improvements	DEPARTMENT/DIVISION Recreation and Parks/Historic Bethabara
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PROJECT DESCRIPTION/JUSTIFICATION

This project will provide for replacement of boards and decking on the observation decks located at Historic Bethabara Park. The current decks have aged beyond their useful life. The boards are becoming increasingly warped, and exposed nails are a safety concern for pedestrian users. Without renovation and repair, the observation decks will need to be closed.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Construction	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
Total Project Expenditures	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
Funding Sources								
General Fund	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
Total Project Funding Sources	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000

PROJECT TITLE Picnic Shelter Renovations / Replacements	DEPARTMENT/DIVISION Recreation and Parks Department
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PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the renovation, replacement, and addition of picnic shelters throughout the city. Appropriations for FY 15-16 fund renovation and or/replacement of picnic shelters at Granville, Crawford, and Forest Parks. Other park locations where new or replacement shelters are needed include Reynolds, Miller, Happy Hill, Fairview, Easton, Kimberley, and Blum parks.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Construction	\$40,000	\$0	\$120,000	\$0	\$100,000	\$0	\$250,000	\$510,000
Equipment and Furnishings	130,000	0	0	0	0	0	0	130,000
Other (Picnic tables / seating)	10,000	0	0	0	0	0	0	10,000
Contingency	20,000	0	0	0	0	0	0	20,000
Total Project Expenditures	\$200,000	\$0	\$120,000	\$0	\$100,000	\$0	\$250,000	\$670,000
Funding Sources								
GO Bonds / Two-Thirds	\$200,000	\$0	\$120,000	\$0	\$100,000	\$0	\$250,000	\$670,000
Total Project Funding Sources	\$200,000	\$0	\$120,000	\$0	\$100,000	\$0	\$250,000	\$670,000

PROJECT TITLE Playground Renovations	DEPARTMENT/DIVISION Recreation and Parks Department
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PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the replacement and upgrades of playgrounds throughout the parks system. Playgrounds are replaced based on safety assessments, condition of equipment, and overall usage. Appropriations for FY 14-15 will complete the following park locations: Crawford and Greenway. Funding in future years will be used for playground replacements at the following park locations: Bolton, Reynolds, Blum, Fourteenth Street, Happy Hill, Skyland and other parks as determined by condition assessments.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Construction	\$967,000	\$30,000	\$98,000	\$0	\$150,000	\$0	\$100,000	\$1,345,000
Equipment and Furnishings	1,689,500	70,000	197,000	0	350,000	0	200,000	2,506,500
Contingency	80,000	0	0	0	0	0	0	80,000
Total Project Expenditures	\$2,736,500	\$100,000	\$295,000	\$0	\$500,000	\$0	\$300,000	\$3,931,500
Funding Sources								
GO Bonds / Two-Thirds	\$2,296,500	\$0	\$295,000	\$0	\$500,000	\$0	\$300,000	\$3,391,500
Capital Project Reserves	120,000	0	0	0	0	0	0	120,000
Contributions / Sponsorships	320,000	100,000	0	0	0	0	0	420,000
Total Project Funding Sources	\$2,736,500	\$100,000	\$295,000	\$0	\$500,000	\$0	\$300,000	\$3,931,500

PROJECT TITLE Polo Park Recreation Center Gym Floor Replacement	DEPARTMENT/DIVISION Recreation and Parks/Recreation Centers
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PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the replacement of the gymnasium floor at Polo Park Recreation Center. The current floor is over 10 years old and has had issues with subsurface moisture over the years. The floor will be replaced with a sport court surface similar to what is installed in other City-owned gymnasiums.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Construction	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
Total Project Expenditures	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
Funding Sources								
General Fund	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
Total Project Funding Sources	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000

PROJECT TITLE Recreation and Parks Department Facilities Renewal	DEPARTMENT/DIVISION Property and Facilities Management
--	--

PROJECT DESCRIPTION/JUSTIFICATION

Under the City’s asset management program, Property & Facilities Management has performed facility condition assessments on all buildings in general fund departments, including the Recreation & Parks Department. A schedule has been established for the replacement of roofs, replacement of heating and air conditioning systems, painting, renewal of interior finishes, replacement and repair of electrical and lighting systems, and bathroom and kitchen renewal. Facility renewal work in FY 15-16 will include roof repairs and HVAC at work at multiple locations.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Construction	\$2,147,760	\$0	\$150,000	\$0	\$285,000	\$0	\$300,000	\$2,882,760
Total Project Expenditures	\$2,147,760	\$0	\$150,000	\$0	\$285,000	\$0	\$300,000	\$2,882,760
Funding Sources								
General Fund	\$114,150	\$0	\$0	\$0	\$0	\$0	\$0	\$114,150
GO Bonds / Two-Thirds	1,978,500	0	150,000	0	285,000	0	300,000	2,713,500
Capital Project Reserves	55,110	0	0	0	0	0	0	55,110
Total Project Funding Sources	\$2,147,760	\$0	\$150,000	\$0	\$285,000	\$0	\$300,000	\$2,882,760

PROJECT TITLE Recreation and Parks Facilities Sidewalk and Roadway Resurfacing	DEPARTMENT/DIVISION Recreation and Parks Department
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PROJECT DESCRIPTION/JUSTIFICATION

This project provides for resurfacing and pavement/sidewalk repairs at recreation facilities throughout the City. Appropriations for FY 15-16 will provide for compliance with the Americans with Disabilities Act (ADA) for pavement access to the Bocce area at Miller Park and provide for resurfacing of the pedestrian circulation access areas at Forest and Kimberly Parks. Funding for other facilities in need of paving or resurfacing, in future years, will be determined by facility condition assessments.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Construction	\$300,000	\$0	\$100,000	\$0	\$150,000	\$0	\$150,000	\$700,000
Total Project Expenditures	\$300,000	\$0	\$100,000	\$0	\$150,000	\$0	\$150,000	\$700,000
Funding Sources								
GO Bonds / Two-Thirds	\$300,000	\$0	\$100,000	\$0	\$150,000	\$0	\$150,000	\$700,000
Total Project Funding Sources	\$300,000	\$0	\$100,000	\$0	\$150,000	\$0	\$150,000	\$700,000

PROJECT TITLE Recreation Facility Lighting Renovations	DEPARTMENT/DIVISION Recreation and Parks Department
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PROJECT DESCRIPTION/JUSTIFICATION

This project provides for lighting renovations and enhancements to improve safety/security at recreation facilities and park locations, including parking lots, picnic shelters, tennis courts, and athletic facilities throughout the City. Lighting improvements include replacement lighting and adding lighting where necessary to meet recommended lighting levels for security purposes. Appropriations for FY 15-16 will provide for lighted tennis courts improvements at Leinbach, Parkland, Bolton, and Granville.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Construction	\$605,000	\$0	\$200,000	\$0	\$0	\$0	\$200,000	\$1,005,000
Total Project Expenditures	\$605,000	\$0	\$200,000	\$0	\$0	\$0	\$200,000	\$1,005,000
Funding Sources								
GO Bonds / Two-Thirds	\$605,000	\$0	\$200,000	\$0	\$0	\$0	\$200,000	\$1,005,000
Total Project Funding Sources	\$605,000	\$0	\$200,000	\$0	\$0	\$0	\$200,000	\$1,005,000

PROJECT TITLE Swimming Pool Repairs	DEPARTMENT/DIVISION Recreation and Parks Department
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PROJECT DESCRIPTION/JUSTIFICATION

This project provides for ongoing major maintenance at the City's eight pools. Appropriations for FY15-16 will provide for expansion of shaded areas, replacing deck furniture, and gutter and return lines replacement at the following pools: Bolton, Happy Hill, Reynolds Park, and Mineral Springs. Future appropriations are for other maintenance priorities including plaster and tiles for the interior of the pools, concrete decking around the pools, and the plumbing systems.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Construction	\$874,977	\$0	\$435,000	\$0	\$200,000	\$0	\$200,000	\$1,709,977
Contingency	40,000	0	0	0	0	0	0	40,000
Total Project Expenditures	\$914,977	\$0	\$435,000	\$0	\$200,000	\$0	\$200,000	\$1,749,977
Funding Sources								
GO Bonds / Two-Thirds	\$905,000	\$0	\$435,000	\$0	\$200,000	\$0	\$200,000	\$1,740,000
Capital Project Reserves	9,977	0	0	0	0	0	0	9,977
Total Project Funding Sources	\$914,977	\$0	\$435,000	\$0	\$200,000	\$0	\$200,000	\$1,749,977

PROJECT TITLE Tennis Court Resurfacing and Renovations	DEPARTMENT/DIVISION Recreation and Parks Department
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PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the repair and resurfacing of tennis courts at the following recreation and park locations: Hanes Park, Parkland, Central, Miller, Shaffner, Bolton, Leinbach, Carver High School, Oak Summit, Kimberley, Granville, Reynolds, South Fork, Old Town, and Polo.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Construction	\$0	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000
Total Project Expenditures	\$0	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000
Funding Sources								
General Fund	\$0	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000
Total Project Funding Sources	\$0	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000

PROJECT TITLE Winston Lake Golf Course Improvements	DEPARTMENT/DIVISION Recreation and Parks / Winston Lake Golf Course
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PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the replacement of greens and pedestrian/cart bridges at Winston Lake Golf Course. The FY 13-14 budget included \$550,000 for replacement of all nineteen greens and replacement of two pedestrian bridges. Planned appropriations in FY 15-16 would replace two more pedestrian bridges. Bridges at the golf course are in need of replacement due to erosion and excessive weathering.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Construction	\$460,000	\$0	\$178,500	\$0	\$0	\$0	\$0	\$638,500
Contingency	90,000	0	21,500	0	0	0	0	111,500
Total Project Expenditures	\$550,000	\$0	\$200,000	\$0	\$0	\$0	\$0	\$750,000
Funding Sources								
GO Bonds / Two-Thirds	\$550,000	\$0	\$200,000	\$0	\$0	\$0	\$0	\$750,000
Total Project Funding Sources	\$550,000	\$0	\$200,000	\$0	\$0	\$0	\$0	\$750,000

PROJECT TITLE Convention Center Capital Renovations (Annual Contribution)	DEPARTMENT/DIVISION M.C. Benton, Jr. Convention and Civic Center
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PROJECT DESCRIPTION/JUSTIFICATION

The Operating and Management Agreement with Noble-Interstate, LLC includes a provision for the City to provide a \$250,000 contribution towards identified capital expenses annually. These improvements will be financed over five years through the North Carolina Municipal Leasing Corporation, with the general fund covering the annual payment. The FY 2013-14 contribution was budgeted in FY 2012-13 to fund internet technology improvements.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Construction	\$1,125,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$2,625,000
Total Project Expenditures	\$1,125,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$2,625,000
Funding Sources								
NCMLC	\$1,000,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$2,500,000
Capital Projects Fund Reserves	125,000	0	0	0	0	0	0	125,000
Total Project Funding Sources	\$1,125,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$2,625,000
OPERATING IMPACT:								
Lease Payments		\$200,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,450,000
Total Net Expenditures		\$200,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,450,000

PROJECT TITLE Convention Center Renovations Project	DEPARTMENT/DIVISION M.C. Benton, Jr. Convention and Civic Center
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PROJECT DESCRIPTION/JUSTIFICATION

In April 2012, the Mayor and City Council approved \$100,000 for a facility assessment and economic analysis for the M.C. Benton, Jr. Convention and Civic Center. The Forsyth County Tourism Development Authority agreed to participate in 50% of the funding for the project. The City contracted with Crossroads Consulting Services, LLC to conduct the study, which included an overall facility and needs assessment, competitive facility assessment, economic impact analysis, renovation cost-benefit analysis, and conclusions/recommendations.

In February 2013, Crossroads Consulting Services presented the final report to the Public Assembly Facilities Commission and the Forsyth County Tourism Development Authority at a special joint meeting. In March 2013, the Public Assembly Facilities Commission adopted a resolution accepting the report by Crossroads Consulting Services. During the remainder of 2013, an internal team consisting of staff from the City, the Tourism Development Authority, and Noble-Interstate, which manages the Convention Center for the City, reviewed the recommendations in the report and prioritized them based on the direct impact on clients and the public.

The estimated cost of the recommendations presented in the final report totaled \$23.9 million. The internal review team’s recommendations totaled \$17.5 million and excluded some of the recommendations for improvements to the exterior and support areas of the Convention Center. According to the consultant’s analysis, the recommended improvements would improve the marketability of the Convention Center, create jobs, reduce the City’s subsidy, and increase the economic impact to downtown and the local economy. Maintaining the status quo would result in a decline in business and an increase in the City’s subsidy.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Construction	\$0	\$17,500,000	\$0	\$0	\$0	\$0	\$0	\$17,500,000
Total Project Expenditures	\$0	\$17,500,000	\$0	\$0	\$0	\$0	\$0	\$17,500,000
Funding Sources								
Limited Obligation Bonds	\$0	\$17,500,000	\$0	\$0	\$0	\$0	\$0	\$17,500,000
Total Project Funding Sources	\$0	\$17,500,000	\$0	\$0	\$0	\$0	\$0	\$17,500,000



General Government

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GENERAL GOVERNMENT

Project Title	Budget Year 2014-2015	Planning Year 2015-2016	Planning Year 2016-2017	Planning Year 2017-2018	Planning Year 2018-2019	Planning Year 2019-2020	Total Planned
Engineering:							
Shorefair Drive Fence Replacement	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
Property and Facilities Management:							
City Hall Renovations	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000
Marketing and Communications:							
TV 13 Video Production Equipment Upgrade	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000
Information Systems:							
Work Order Management / Electronic Plan Review Solution	\$1,050,000	\$1,500,000	\$0	\$0	\$0	\$0	\$2,550,000
Fiber Optic Upgrade	300,000	1,250,000	0	0	0	0	1,550,000
Total Expenditures	\$1,900,000	\$2,750,000	\$0	\$0	\$0	\$0	\$4,650,000
Funding Sources							
Other:							
NCMLC	\$150,000	\$1,500,000	\$0	\$0	\$0	\$0	\$1,650,000
Cable Franchise Fee	100,000	0	0	0	0	0	100,000
Contributions / Sponsorships	0	536,840	0	0	0	0	536,840
I.S. Fund	300,000	0	0	0	0	0	300,000
General Fund	1,050,000	539,480	0	0	0	0	1,589,480
Water and Sewer Fund	300,000	173,680	0	0	0	0	473,680
Total Funding Sources	\$1,900,000	\$2,750,000	\$0	\$0	\$0	\$0	\$4,650,000

PROJECT TITLE Shorefair Drive Fence Replacement	DEPARTMENT/DIVISION Engineering
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PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the installation of approximately 2,370 feet of 6' tall chain link and decorative fencing on Shorefair Drive adjacent to Senior Services and the Odd Fellows Cemetery. This project will remove the aged fencing and replace it with fencing consistent with adjacent properties to improve aesthetics.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Construction	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
Total Project Expenditures	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
Funding Sources								
General Fund	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
Total Project Funding Sources	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000

PROJECT TITLE City Hall Renovations	DEPARTMENT/DIVISION Property & Facilities Management
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PROJECT DESCRIPTION/JUSTIFICATION

Under the City's asset management program, Property & Facilities Management has performed facility condition assessments on all buildings in general fund departments, including City Hall. A prioritized schedule has been established for the painting of interior spaces, replacement of the HVAC chillers and systems, significant exterior concrete, joint, and roof border repairs. FY 2014-2015 appropriations will be used to paint the interior of City Hall, replace current HVAC chillers, replace data center HVAC units, and replace/renovate the front doors.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Construction	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000
Total Project Expenditures	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000
Funding Sources								
General Fund	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000
Total Project Funding Sources	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000

PROJECT TITLE TV 13 Video Production Equipment Upgrade	DEPARTMENT/DIVISION Marketing and Communications
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PROJECT DESCRIPTION/JUSTIFICATION

The station was built in the fall of 2002 and has recently experienced occasional downtime due to equipment failures. The update will modernize the station and upgrade the station to High Definition capabilities.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Equipment and Furnishings	\$0	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000
Total Project Expenditures	\$0	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000
Funding Sources								
NCMLC	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
Cable Franchise Fee	0	100,000						100,000
Total Project Funding Sources	\$0	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000

PROJECT TITLE Work Order Management / Electronic Plan Review Solution	DEPARTMENT/DIVISION Information Systems
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PROJECT DESCRIPTION/JUSTIFICATION

The current Hansen software supports several important City functions including work order and asset management, permitting in Inspections, and business licenses in Finance. It is 10 years old and functionally limited. The software operates only on Microsoft Windows, does not provide for mobile access, and is expensive to maintain. New improvements in process automation such as an electronic plan review process or enhanced City Link integration cannot be effectively implemented until the Hansen components are replaced with current technologies. Current review and approval processes for new construction and renovation between builders and the City are conducted primarily with paper. Plan submissions, approval tracking, and modification requests are often delayed as a result of communication challenges. Internal reviews are conducted sequentially and builders are frustrated from a lack of awareness as to the state of their request.

An electronic plan review solution would enable electronic submission of construction plans. Plans could be reviewed in parallel across City agencies and would allow authorized staff to have a real-time awareness of all related activities. Builders could be notified when results are available and view online marked-up plans over the Internet. Final approvals would also be issued electronically using digital documents.

This project will replace Hansen software with new technology in all effected departments. The replacement could be a single vendor or a multiple vendor solution depending on the findings from the RFP process.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Equipment and Furnishings	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
Other	0	1,000,000	1,500,000	0	0	0	0	2,500,000
Total Project Expenditures	\$0	\$1,050,000	\$1,500,000	\$0	\$0	\$0	\$0	\$2,550,000
Funding Sources								
General Fund	\$0	\$750,000	\$0	\$0	\$0	\$0	\$0	\$750,000
NCMLC	0	0	1,500,000	0	0	0	0	1,500,000
Water and Sewer Fund	0	300,000	0	0	0	0	0	300,000
Total Project Funding Sources	\$0	\$1,050,000	\$1,500,000	\$0	\$0	\$0	\$0	\$2,550,000

PROJECT TITLE Fiber Optic Upgrade	DEPARTMENT/DIVISION Information Systems
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PROJECT DESCRIPTION/JUSTIFICATION

The Winston-Salem City Council approved on January 18, 2011 to enter into an agreement with the North Carolina Department of Transportation (NCDOT) for the modernization, rehabilitation, and expansion of the Winston-Salem Computerized Traffic Signal System utilizing Congestion Mitigation and Air Quality (CMAQ) funds. NCDOT agreed to include in the scope, at the cost of Winston-Salem, the installation of City owned fiber optic cable. On August 15, 2011 Council approved this installation of City owned fiber optic cable that will allow Information Systems to expand the city's network. The cost of the additional work is estimated at \$1,500,000. Reimbursement will not be due until completion of the project, which is estimated to be in 2016. The NCDOT Project plan splits the effort into Phase A (initial construction) and Phase B (connections to facilities). Phase A will create 95 locations for connections, 34 Winston-Salem/Forsyth County school locations, 11 City/County Utility locations, and 50 City of Winston-Salem connections. Each agency will contribute the proportional cost of initial construction of the network. Phase B will connect the network to City and City/County Utility facilities, at an estimated cost of \$500,000. The school system will be responsible for their own connections.

FINANCIAL SUMMARY:

	Prior Years	Planned Appropriations 2015-2020						Grand Total
	Total Approp To Date	Budget FY 14-15	Planning FY 15-16	Planning FY 16-17	Planning FY 17-18	Planning FY 18-19	Planning FY 19-20	
Expenditures								
Equipment and Furnishings	\$450,000	\$300,000	\$1,250,000	\$0	\$0	\$0	\$0	\$2,000,000
Total Project Expenditures	\$450,000	\$300,000	\$1,250,000	\$0	\$0	\$0	\$0	\$2,000,000
Funding Sources								
Contributions / Sponsorships	\$0	\$0	\$536,840	\$0	\$0	\$0	\$0	\$536,840
I.S. Fund Balance	300,000	300,000	0	0	0	0	0	600,000
General Fund Balance	0	0	539,480	0	0	0	0	539,480
I.S. Charges	150,000	0	0	0	0	0	0	150,000
Water and Sewer Fund Balance	0	0	173,680	0	0	0	0	173,680
Total Project Funding Sources	\$450,000	\$300,000	\$1,250,000	\$0	\$0	\$0	\$0	\$2,000,000

Other Capital Projects

Unfunded Capital Projects

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UNFUNDED PROJECT DESCRIPTIONS AND COST ESTIMATES

COMMUNITY AND ECONOMIC DEVELOPMENT

Economic Development Sites/Infrastructure

\$6,700,000

The City Council's Strategic Focus Area for Economic Vitality and Diversity includes an objective to develop and redevelop commercial business park sites. City staff, in conjunction with the Utility Commission and Winston-Salem Business, Inc., has identified potential sites where future industrial or business parks could be located, including Wake Forest Innovation Quarter, Union Cross Business Park, Brookwood Business Park, and Whitaker Park. The funds would be used for land purchase and site infrastructure development such as grading, water and sewer line construction, and road construction. Development of business parks has proven to be a successful tool for creating jobs and expanding the tax base.

Neighborhood Revitalization

\$2,000,000

This project would provide for investments in the revitalization of existing neighborhoods within the city. Revitalization efforts would include improvements in public infrastructure such as roads, sidewalks, and utilities, as well as the acquisition of properties for redevelopment. Funds also may be used to provide direct, deferred payment loans through the City's Revitalizing Urban Commercial Areas Program and the Neighborhood Revitalization Strategy Area (NRSA) Building Rehabilitation Loan Program as well as utilization of eminent domain authority for neighborhood revitalization projects.

COMMUNITY AND ECONOMIC DEVELOPMENT TOTAL:

\$8,700,000

PUBLIC SAFETY

Public Safety Center Temporary Relocation and Renovation

\$48,000,000

Due to the age and condition of the existing mechanical, electrical, and plumbing systems within the existing Public Safety Center, it is necessary to vacate the building to allow a complete rehabilitation and upfit. Due to the magnitude of this undertaking several options are under consideration, which include refurbishing the existing Public Safety Center with underground hardened facilities, a separate mechanical tower, as well as renovation of the existing space. Other facilities under consideration are the Beaty Center, the Lowery Street facility (future home of the City Public Works Yard), and the Phillips Building, currently under renovation by Forsyth County

Emergency Operations Center and 911 Center

\$6,000,000

A new Communications Center that meets current standards is needed. The current facility is limited due to size and overall Public Safety Center mechanical and utilities issues. This project would create a state-of-the-art communications center that would include a City (and possibly County) emergency operations center. The City's City Link/311 operation could also be located within the facility to leverage resources.

The communications center is responsible for police and fire communications operations, is linked with the County for EMS services, and utilizes a common radio system and backbone. The facility would need secure parking and would occupy approximately three acres. It is preferred that the structure be a stand-alone facility housing all the operations indicated. Due to the expense of meeting stringent requirements for a communications center/EOC, a stand-alone facility may be the best option. It would contain approximately 10,000 to 15,000 square feet, and would be structurally capable of withstanding significant wind loads, pressures, etc. as outlined in applicable guidelines. It would have the capability to be completely self-sufficient for at least 72 hour, providing all power needs, water, sewer, food, purified air, etc. It would include space for the dispatch floor, administrative offices, reception area, restrooms with showers and lockers, kitchen area, utilities areas for phone and computers, fitness area, several conference rooms, training room, bunk room, emergency operations floor with break out rooms, space for City Link, media connections and briefing room, executive work areas, and full security systems. If approved it is recommended to be platted for an expansion area of approximately 5,000 square feet.

Fire Maintenance Facility Renovation

\$900,000

This project would involve installing a pre-engineered, insulated metal building with a concrete floor at the fire maintenance site. The building would be approximately 5,000 square feet. The two-bay building would include heavy duty lifts capable of raising longer and heavier equipment, increased office space and storage, and space for small equipment maintenance (e.g., small engine repair, nozzle repair, etc.). Modern apparatus are much longer and heavier than older apparatus, and the increased work space would allow the fire vehicular maintenance staff to work more efficiently on apparatus and other repair work.

PUBLIC SAFETY TOTAL:

\$54,900,000

TRANSPORTATION

Road Widening and Extensions

\$216,814,000

The Winston-Salem Department of Transportation has identified the following locations as candidates for widening based on an evaluation of traffic volumes, capacity, and safety. State funding may be available for the improvements. The projects are identified in the 2035 Transportation Plan and consistent with the Legacy Plan. Studies of traffic volumes, capacity, and safety needs in the system based upon citizen requests, system knowledge and needs triggered this request. Federal and State Transportation Funds may be pursued if additional funds are needed to complete the projects.

U.S. 311 Connector	\$50,502,000
University Parkway (North Point to Hanes Mill)	17,670,000
Stratford/Ebert Connector	13,680,000
Shattalon Drive (Reynolda to Robinhood)	13,500,000
Clemmonsville Road (Stratford to Old Salisbury)	13,300,000
Ebert Road (Oak Grove to City Limits)	12,600,000
Old Salisbury Road (Pope to NC 150)	12,600,000
Jonestown Road at U.S. 421	10,000,000
Hanes Mill Road	8,550,000
Kernersville Road (High Point to Oak Grove)	8,200,000
Griffith Road (Hanes Mall to City Limits)	7,700,000
Robinhood Road (Huntinggreen to Muddy Creek)	6,900,000
Thomasville Road (I-40 to City Limits)	6,100,000
Peace Haven/Styers Ferry Connector (Bridge Only)	5,625,000
Cherry Street/Germanton Road (Indiana to Patterson)	5,400,000
Ogburn Avenue (Akron to Oak Summit)	5,400,000
Lansing Drive (Liberty to Oak Ridge)	4,900,000
University Parkway (Stanleyville to Hanes Mill)	4,500,000
Martin Luther King Jr. Drive Extension	3,762,000
Reynolds Park Road (Salem Lake to Waughtown)	2,800,000
Country Club Road (Phillips Bridge to City Limits)	2,400,000
NC 8 at Oak Summit	525,000
Clemmonsville Road at Main Street	100,000
First and Second Street	100,000

TRANSPORTATION – Continued

New Street Resurfacing

\$65,750,000

The City of Winston-Salem maintains 1,013.52 centerline miles (2,180.63 lane miles) of hard surface streets and 6.62 miles of dirt streets. The benchmark for city streets is that 85% of the streets have a pavement condition rating of 85 or higher. Available resurfacing funds are applied and distributed throughout various wards to this group of streets with an overall goal of improving the commute for citizens and achieving the previous mentioned benchmark

Northern Beltway Business 40 to US 158 Segment (local match)

\$47,670,000

This project provides local funding for the first segment of the east leg of the Northern Beltway project, which would run from Business 40 north to US 158.

Urban Circulator (local match)

\$44,882,000

This project would involve the construction of a modern streetcar system for the downtown and center city area, connecting Wake Forest University-Baptist Medical Center, West End, BB&T Ballpark and Burke St., the Downtown Core, Arts and Theater Districts, Transportation Center, Wake Forest Innovation Quarter, Winston-Salem State University, Union Station, and East Winston. This project would consist of rails in the streets along the route, small stations along the route that allow for level boarding of vehicles and real time information to passengers concerning the next vehicle arrival, an electric power delivery system, modern electric streetcar vehicles that are fully accessible, and a vehicle maintenance and storage facility. This initiative was recommended as a key public investment in both the Legacy 2030 Comprehensive Plan Update and the 2013 Downtown Plan. The project could be built in smaller phases as funding becomes available. The first phase of the streetcar system would run from Wake Forest Baptist Medical Center to downtown Winston-Salem, a two and a half mile stretch, would include several funding sources including federal funds, City funds, private participation, and tax increment financing.

Peters Creek Parkway Enhancement Project

\$25,000,000

This project makes improvements to Peters Creek Parkway between First Street and Silas Creek Parkway.

Sidewalk Construction/Repairs (including ADA ramps)

\$9,940,000

This project provides funding for the construction of new sidewalks and the maintenance/repair of existing sidewalks. This project also provides for the installation of ramps to accommodate the disabled as needed to comply with the Americans with Disabilities Act (ADA). New sidewalks are constructed based on a priority system. Ramps are installed in high priority areas and as requested by persons with disabilities. Sidewalks that are in poor condition are both a safety hazard and a mobility impediment to the disabled.

TRANSPORTATION – Continued

Downtown Pay Stations

\$1,125,000

Currently there are twelve pay stations located primarily near City Hall. These pay stations replaced older single space meters. The pay stations allow more flexibility by allowing multiple forms of payment such as cash, coin, and credit card. The pay stations also offer parking rate flexibility without replacing equipment. Real time monitoring alerts staff to malfunctions and financial/usage reports can be generated quickly to allow for efficient monitoring and oversight. Since implementing the twelve pay stations, meter revenue has increased. It would require seventy-five additional pay stations to complete the conversion.

Downtown Traffic Signal Cabinet Relocation

\$250,000

This project will remove the traffic signal cabinets from the existing metal poles in the downtown area. There are 22 city-owned signals that will be placed on concrete bases. NCDOT will also have a cabinet removal project that will run concurrent with the city project. Duke Energy reviewed plans for the traffic signal system upgrade project. The plans proposed changing out the outdated traffic signal cabinets and related equipment with new cabinets/equipment. Duke Energy, who owns the metal poles downtown, communicated a change in their policy no longer allows control cabinets on metal poles. NCDOT negotiated with Duke Energy to allow the cabinet replacement on the metal poles keep the signal system upgrade project on schedule. The conditional approval is requires commitment for a project to remove the cabinets within two years of completion of the upgrade project.

Peters Creek Parkway Streetscape Improvements at Silas Creek Parkway (local match)

\$125,000

The proposed project would create a gateway to Winston-Salem at the Peters Creek Parkway/Silas Creek Parkway intersection by improving pedestrian utility and the aesthetics of the area. New sidewalks and crossings would be constructed to improve pedestrian safety and accessibility. The project would also provide for the installation of street trees, a planted median, and two monument walls to create a sense of place and welcome visitors to Winston-Salem. The project's total cost is \$625,000.

TRANSPORTATION TOTAL:

\$411,556,000

RECREATION AND CULTURE

RECREATION AND PARKS

Winston Lake Park Renovations/Improvements

\$21,000,000

This project provides for further development of Winston Lake Park. Phase I of renovations and improvements to the park is included in the proposed bond package, which can be found in the bond referendum section of this document. Potential new amenities and renovations in future phases include new/replacement picnic shelters, new restroom facilities, playground replacements, greenway/walking trails, realignment of park road, improved fishing facilities, a special events center, an outdoor amphitheater, and other amenities identified as part of the master plan, which was completed in FY 2012-13.

Former Quarry Property Park Development

\$19,000,000

This project provides for further development of the former Vulcan Quarry property. Phase I of park development is included in the proposed bond package, which can be found in the bond referendum section of this document. Potential new amenities in future phases include expanded infrastructure, scenic loop with train, expanded parking, architectural enhancements, new bridges to reach amenities, recreation center expansion, picnic pavilions, camp sites, greenway extension and pedestrian improvements, a disc golf course, and additional planned park space including events space and nature exhibits as identified in the master plan completed in FY 12-13.

Salem Lake Park Renovations/Improvements

\$11,000,000

This project provides for the development of the entire Salem Lake Park property, which is approximately 1,450 acres. Phase I of renovations and improvements to the park is included in the proposed bond package, which can be found in the bond referendum section of this document. Potential improvements/new amenities in future phases include renovations to the New Greensboro Road and Linville Road Trailheads to provide for development of and expanded access to greenways. Future development would also include picnic shelters, restroom facilities, water spraygrounds, mountain biking and pedestrian trails, new playgrounds, additional parking, and bird watching and wildlife interpretive areas in the eastern part of the park, as well as other amenities identified as part of the master plan, which was completed in FY 2012-13.

Balsom Road Park Development

\$3,500,000

This project would provide for development for the 111 acres of property owned by the City off Balsom Road, which is adjacent to an already existing Forsyth County park, C.G. Hill Memorial Park. Potential amenities include lighted multi-purpose athletic fields, dog park, playgrounds, water sprayground, walking trail, picnic shelter, disc golf course, and maintenance facility.

RECREATION AND CULTURE – Continued

Old Milwaukee Park Development

\$2,700,000

This project provides for the development of the 50-acre former construction and demolition landfill site located in southeast Winston-Salem. Potential amenities could include: mountain bike trails, a dog park, picnic shelter facilities with restrooms, athletic fields, pedestrian walkways, and other amenities to be identified in a master plan. The City would need to work with the State to meet requirements related to development of a former landfill site.

Swimming Pool Repairs

\$1,380,000

This project provides for ongoing major maintenance at the City's eight outdoor pools. Pools identified for major repairs such as plaster and tiles for the interior of the pools, concrete decking around the pools, and the plumbing systems are Bolton, Happy Hill, Kimberley and Mineral Springs. The six-year Capital Plan includes \$835,000 in funds.

Park Restroom Renovations

\$770,000

This project provides for the renovation of park restroom facilities throughout the city and will allow some of them to be open on a year-round basis. Work would include: installation of sufficient heating for year-round use, plumbing upgrades (insulating water lines), and upgrading other amenities as needed. Initial locations to be renovated include: Shaffner, Rupert Bell, Parkland, and Leinbach parks.

Recreation and Parks Sidewalks and Roadway Resurfacing

\$563,000

This project provides for resurfacing and pavement/sidewalk repairs at recreation facilities throughout the city. The six-year Capital Plan includes \$400,000 in funds. The Bocce area at Miller Park and the pedestrian circulation access areas at Forest Park are in need of resurfacing for compliance with the Americans with Disabilities Act (ADA). Other facilities in need of resurfacing including parking lots at Oak Summit, Hine, Rupert Bell, Crawford, Hathaway, South Fork, and Hobby Park and pathways at Shaffner and Granville parks.

Facility Security Improvements

\$423,000

This project funds the installation of security systems, mobile cameras, and security gates at facilities that have a history of vandalism, graffiti, and break-ins.

Tennis Court Resurfacing

\$285,000

This project provides for the repair and resurfacing of 112 tennis courts in the park system. Tennis courts at the following locations are currently in need of major repairs and resurfacing: Forest Park, Little Creek, Griffith, Oak Summit, Old Town, Sprague, Happy Hill, Hathaway, Weston, and Sedge Garden. The six-year Capital Plan includes \$500,000 in funds.

RECREATION AND CULTURE - Continued

Quarry Site Remediation

\$100,000

This project provides for the remediation of the old Vulcan Quarry park site. The scope of the work will primarily include the removal of acres of invasive vegetation and replacing it with beneficial native vegetation in preparation of turning the site into a park.

Washington Park Dog Park Expansion

\$50,000

The Washington Park Dog Park was constructed in 2003 and continues to be a safe place for citizens as well as their dogs of all sizes. Best design practices were used during the creation of the Washington Park Dog Park; however, it has since been determined that a second dog park would alternate the usage to keep the surfacing and grass healthy and provide a clean environment for the animals. Continued usage of the single facility would lead to mud in the surrounding area resulting in costly maintenance and upkeep. Recreation and Parks Department staff has identified a suitable area that would support the creation of a second dog park. This park would be located off Broad Street near Washington Ballpark #1, near the Southside of Peters Creek Parkway.

Recreation and Parks Subtotal:

\$60,771,000

RECREATION AND CULTURE - Continued

PUBLIC ASSEMBLY FACILITIES

Winston-Salem Fairgrounds

Roof Repairs (Fairgrounds)

\$558,000

Under the City's Asset Management Program, roof condition assessments were performed on fairground facilities with immediate and future needs documented. The recommended replacement of roofing systems is based on an assessment of the existing condition and estimated remaining life of the system. Buildings included in this project include: Agriculture Building, Butler Building, Environmental Building, Exhibition Building, Grandstand, and Barnyard Zoo.

Life Safety, HVAC, and Power System Upgrades (Annex)

\$510,000

Existing HVAC, Life Safety and Power systems are 17 years old. Maintenance/repair costs are increasing and system is not as reliable as when it was first installed. System is in critical need of a general upgrade to current technology to return it to appropriate efficiency levels. This includes cooling towers, tow ice compressors, and louvers. Currently, operations can continue; however there is the possibility of major HVAC failure prior to an event that will not be able to be repaired due to parts being unavailable because of age of system and parts being discontinued. Labor/materials/contractor costs increasing. Systems are not as reliable as when first installed. Recent repairs have been made with used parts due to new parts being discontinued. The project should result in energy savings and a reduction in maintenance costs.

Building Improvements (Bolton Home and Garden Building)

\$430,000

Existing Home and Garden Building is underutilized due to interior finish and having electric transformer located inside building rather than outside. Improvements to building include installation of a drop ceiling to cover exposed steel structure, relocation and better distribution of HVAC vents in new ceiling, carpeting the concrete floor, moving electric transformer from inside arena floor to outside or building an enclosed electrical equipment room, enclosing the covered entry, and upgrading walls and restroom facilities.

Midway Paving (Fairgrounds)

\$400,000

Project would include stabilizing ground area on midway to allow for all weather facility for overflow parking. Paving improvements are needed on the currently paved part of the midway because the existing surface is eighteen years old and is cracking and settling.

Interior Renovations including Sound System Upgrade (Annex)

\$350,000

The Annex will become the primary entertainment venue for the city of Winston-Salem with the sale of the Coliseum to WFU. The Annex currently has an inferior and depleted sound system, and the interior décor hasn't been updated since its beginning. The inside of the Annex is very stale, unfriendly, and is not welcoming to the general public. The Annex needs a face lift, including a new rigging and curtain system for concerts and events, new sound system, fresh paint, new interior design, new ceiling tiles, carpet, ice friendly flooring, welcoming lobby facelift.

RECREATION AND CULTURE – Continued

New Midway Gate (Fairgrounds)

\$197,000

Relocation of arch gate from the North (Annex) gate entrance to the midway entrance next to the Home and Garden Building. This midway entrance has been used informally for years by fair patrons, but is inconsistent with other gates on fairgrounds. Masonry work, painting, decorative fencing, and lighting would be needed and is included for this project in addition to the relocation of existing arch.

Lighting Improvements (Fairgrounds)

\$179,000

Conduct study and install decorative lighting fixtures to better illuminate the fairgrounds and highlight the buildings. There are several areas where old lighting is used that does not illuminate the areas properly for safety and appearance. Existing lights on top of Grandstand need to be replaced with newer and more efficient units. This lighting on the east side illuminates the track area and is barely adequate. Energy savings are also anticipated with this project.

New Parking Lot, Paving, and Outside Décor Upgrade (Annex)

\$175,000

The Annex will become the primary entertainment venue for the city of Winston-Salem with the sale of the Coliseum to WFU. With that sale went access to the parking lots and the front area of the Annex. The Annex needs a new parking lot and updated landscaping so that the public will feel welcomed and comforted upon arrival to events at the Annex. At current time the area in the back of the Annex is used for Vendor Parking only, has poor lighting, is not a welcoming entrance, and has no public handicap accessible parking areas. This area needs to be updated and improved for the safety and security of our public.

Storage Building (Annex)

\$150,000

Overall complex storage space is very limited and storage space in the Annex is compromised as space in the Annex is dedicated to other functions.

Roof Repairs (Annex)

\$141,000

Roofing material on storage area and front lobby of Coliseum Annex originally installed in 1991. Leaking roof is causing damage to ceiling tiles and flooring in these two areas. Gutter replacement needed on both sides of Annex due to damage from ice storms and age to protect public exiting facility.

New Doors and Hardware (Annex, Education Building, Bolton Home and Garden Building)

\$80,000

With these 3 buildings becoming our primary operating spaces and revenue generators, they need to be secured and safe to clients and patrons who look to rent or occupy the facilities. There are numerous broken doors, keys, locks, hinges, and etc throughout these buildings. Overnight clients are not comfortable leaving their valuables unattended and therefore look to other facilities in the area or in Greensboro as alternatives. Also with the departure of up to 30 employees who at some point may or may not have had access to keys to these buildings also raises concerns.

Winston-Salem Fairgrounds Subtotal:

\$3,170,000

RECREATION AND CULTURE – Continued

M.C. Benton, Jr. Convention and Civic Center

In April 2012, the Mayor and City Council approved \$100,000 for a facility assessment and economic analysis for the M.C. Benton, Jr. Convention and Civic Center. The Forsyth County Tourism Development Authority agreed to participate in 50% of the funding for the project. The City contracted with Crossroads Consulting Services, LLC to conduct the study, which included an overall facility and needs assessment, competitive facility assessment, economic impact analysis, renovation cost-benefit analysis, and conclusions/recommendations.

In February 2013, Crossroads Consulting Services presented the final report to the Public Assembly Facilities Commission and the Forsyth County Tourism Development Authority at a special joint meeting. In March 2013, the Public Assembly Facilities Commission adopted a resolution accepting the report by Crossroads Consulting Services. During the remainder of 2013, an internal team consisting of staff from the City, the Tourism Development Authority, and Noble-Interstate, which manages the Convention Center for the City, reviewed the recommendations in the report and prioritized them based on the direct impact on clients and the public.

The total estimated cost of the recommendations presented in the final report totaled \$23.9 million. The internal review team's recommendations totaled \$17.5 million and excluded some of the recommendations for improvements to the exterior and support areas of the Convention Center. The internal review team's recommendation of \$17.5 million will be appropriated in fiscal year 2014-15 with limited obligation bonds. According to the consultant's analysis, the recommended improvements would improve the marketability of the Convention Center, create jobs, reduce the City's subsidy, and increase the economic impact to downtown and the local economy.

Subtotal M.C. Benton, Jr. Convention and Civic Center:	\$6,407,000
Subtotal Public Assembly Facilities:	\$9,577,000
TOTAL RECREATION AND CULTURE:	\$70,348,000

GENERAL GOVERNMENT

Carbon Footprint Reduction Projects **\$3,000,000**
These projects would provide funding for facility improvements that would result in energy savings, thereby reducing the City’s carbon footprint. Improvements may include the use of solar panels and water recycling facilities.

Facility Renewal Projects (Fire, Recreation, WSTA, Parking Decks, etc.) **\$2,158,000**
These projects would provide funding for major maintenance needs at City facilities, including the Fire Department, Recreation and Parks Department, the Winston-Salem Transit Authority, and parking decks. These improvements would extend the useful life of these facilities and would include roof replacements, HVAC upgrades or replacements, and painting.

City Yard Facilities Renewal **\$1,090,000**
Under the City’s asset management program, the Property and Facilities Management Department has performed facility condition assessments on all buildings in general fund departments, including the City Yard. The department has documented needs and established a schedule for the replacement of roofs, replacement of HVAC systems, painting, renewal of interior finishes, replacement and repair of electrical and lighting systems, bathroom and kitchen renewal, and miscellaneous systems. The replacement of major systems such as roofs and HVAC systems is based upon an assessment of the existing condition and estimated remaining life of the system. This project would allow for the replacement of the roofs and HVAC systems at several City Yard buildings.

Fleet Services Building Garage Roll-Up Doors **\$150,000**
Replace 30 roll-up doors at the City Yard Fleet Services Garage Building #3. The doors are approximately 37 years old, in poor condition, and are not energy efficient.

TOTAL GENERAL GOVERNMENT: **\$6,398,000**

TOTAL UNFUNDED CAPITAL NEEDS: **\$551,902,000**

Bond Referendum Projects

Unfunded Capital Projects

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- Recreation and Culture Capital Projects 141



2014 BOND REFERENDUM PROPOSED PROJECTS

ECONOMIC DEVELOPMENT

Economic Development Sites/Infrastructure

\$20,000,000

Strategic Focus Area: Economic Vitality and Diversity

City Plans: Legacy
East-Northeast, Downtown Area Plans

The City's Strategic Plan directed staff to "prepare a study of the local economy and workforce." A result of that study, the need for developing additional industrial parks and business park sites, similar to Union Cross Industrial Park and the Caterpillar site, was identified. City staff, in conjunction with the Utility Commission and Winston-Salem Business, Inc., has identified potential sites where future industrial or business parks could be located, including Wake Forest Innovation Quarter, Union Cross Business Park, Brookwood Business Park, and Whitaker Park. The funds would be used for land purchase and site infrastructure development such as grading, water and sewer line construction, and road construction. Development of business parks has proven to be a successful tool for creating jobs and expanding the tax base. Final locations for this project will be determined by City Council at a later date.

Downtown Development/Merschel Plaza

\$3,000,000

Strategic Focus Area: Economic Vitality and Diversity

City Plans: Legacy
Downtown Area Plan

This project would provide funds for the development of new downtown office sites, research park sites, residential sites, and infrastructure including the further development of Merschel Plaza between Third and Fourth Streets near Trade Street. The park could include performance space, a public garden and park, and underground parking. The area is popular among outdoor event producers and has hosted iconic downtown events such as the Moonlight Madness 5k, and the National Black Theater Festival's Old School Party. The Trade Street Strollway/Overpass over Third Street also could be removed. As called for in the Downtown Master Plan, Downtown would become the city's "living room" where residents and visitors would enjoy music performances, festivals, and special events, as well as simply relaxing in a park-like setting.

ECONOMIC DEVELOPMENT - CONTINUED

Revitalizing Urban Commercial Area (RUCA) Projects

\$2,000,000

Strategic Focus Area: Economic Vitality and Diversity

City Plans: Legacy

This project would provide for site improvements to businesses in targeted urban commercial areas under the City’s RUCA Program. Funds would be used for improvements, grants, and low-interest loans to small business owners. Of the 18 originally identified commercial areas in need of redevelopment, only eight areas have been funded to date. This project would fund additional improvements in these areas or future phases of RUCA. Individual projects would require City Council approval. Final locations for this project will be determined by City Council at a later date.

ECONOMIC DEVELOPMENT TOTAL:

\$25,000,000

HOUSING DEVELOPMENT

Housing/Neighborhood Development

\$6,000,000

Strategic Focus Area: Livable Neighborhoods

This project would provide rehabilitation and home improvement assistance for existing homeowners; financial assistance to homebuyers for acquisition of existing or newly constructed single-family units, with or without rehabilitation; and production of single-family units for homeownership, including land acquisition, interim construction loans, on-site improvements, public infrastructure improvements, and second mortgage assistance in order to make housing more affordable. In addition, this project would provide funding for new construction and acquisition and/or rehabilitation of multi-family housing that benefits lower income households and populations with special housing needs (e.g., elderly and disabled). This project also would provide for investments in the revitalization of existing neighborhoods within the city. Revitalization efforts would include improvements in public infrastructure such as roads, sidewalks, and utilities, as well as the acquisition of properties for redevelopment. Final locations for this project will be determined by City Council at a later date.

Transforming Urban Residential Neighborhoods (TURN)

\$4,000,000

Strategic Focus Area: Livable Neighborhoods

City Plans: Legacy

This project would provide additional financial assistance to rehabilitate single-family, owner-occupied or investor-owned properties. Under this program, residential properties must be located in the targeted focus areas within the NRSA (Neighborhood Revitalization Strategy Area), have an active Neighborhood Association currently listed with the City, and leverage private dollars. Final locations for this project will be determined by City Council at a later date.

HOUSING DEVELOPMENT TOTAL:

\$10,000,000

PUBLIC SAFETY

Public Safety Center Renovations

\$10,000,000

Strategic Focus Area: Safe and Secure Community

The existing Public Safety Center, constructed in 1983, is three floors totaling approximately 60,000 square feet. Modernizing the mechanical and electrical systems at the Public Safety Center is required as soon as possible, as these major building systems are reaching a critical point in a critical facility. Bond proceeds would address the following facility needs: total HVAC replacement, electrical system and lighting upgrades, upgrades to the generator to meet current needs, replacement and upgrades to fire alarm and building security systems, and upgrades to bathrooms and plumbing.

Police District Facilities

\$9,000,000

Strategic Focus Area: Safe and Secure Community

In an effort to enhance the delivery of police services, reduce administrative costs, increase police presence and interactions, and assist with economic development of areas of the city, the City Council is considering the construction of three full service police district facilities. These facilities would be located away from downtown and police headquarters and in the geographic districts that the specific facility serves. They would house the complete patrol function for that specific district and be capable of housing other police operations and units as may be deemed beneficial to overall service delivery. Bond proceeds would be used for the design and construction of these facilities.

- District 1 Facility: University Parkway/North Point Boulevard area \$3,458,000
- District 2 Facility: Lucia Building in the Waughtown area \$1,584,000
- District 3 Facility: Jonestown Road/Hanes Mall Boulevard area \$3,958,000

Alexander Beaty Public Safety Training and Support Center – Phase II

\$7,000,000

Strategic Focus Area: Safe and Secure Community

This project would provide for the continued development of the Alexander Beaty Public Safety Training and Support Center, including renovating the second floor for the Forensic Services Division's crime lab, Fire Department training, and evidence storage.

PUBLIC SAFETY - CONTINUED

Fire Station Renovations

\$5,000,000

Strategic Focus Area: Safe and Secure Community

The City's Strategic Plan includes continued modernization and renovation of fire stations. This project would provide funding for major renovations at the following stations:

- Fire Station #7: Arbor Road \$2,000,000
This project would involve renovating Fire Station #7 located at 100 Arbor Road. The station houses two units, Engine 7 and Rescue 1, operated by the same company personnel. The station needs to be remodeled and renovated to update the building to meet current needs. This renovation would include expanding the sitting area and living spaces in the present building. A new garage (engine bays) would be constructed at the rear of the building along with paving for a driveway. The new configuration would allow fire personnel to enter and exit off of Country Club Road instead of Arbor Road. The new garage would accommodate larger apparatus, allowing the Fire Department to move equipment or personnel to meet staffing and equipment needs. This renovation would bring the building into compliance with the Americans with Disabilities Act and help the Fire Department meet National Fire Protection Association (NFPA) standards by allowing different apparatus to operate out of the station, as needed.
- Fire Station #8: Wake Forest University \$2,580,000
This project would involve rebuilding Station #8 located on Reynolda Road near Wake Forest University. Presently, the substructure underneath the cement floor is deteriorating and is causing the floor to sink in the engine room. The floor has been repaired; however, this repair is not a long-term solution. Also, the current building cannot accommodate females and is not ADA accessible. The new facility would include separate bath/shower facilities for females. The new facility also would include two bays allowing the Fire Department to station apparatus as needed. If built on the current site, this project would require the construction of a two-story facility. City staff is researching alternatives including acquiring adjacent land parcels and working with Wake Forest University.
- Fire Station #9: Ogburn Avenue \$420,000
This project would involve renovating Fire Station #9, located at 4685 Ogburn Avenue, to meet present needs. The renovation would include the addition of a new engine bay on the north end of the station to allow placement of a ladder unit and to help meet NFPA requirements. The current engine bay is not large enough to handle all current apparatus, making it difficult to move equipment or personnel to meet staffing and equipment needs. The remodel also would include an expansion of the dormitory, including a bath and shower on the back of the station, to accommodate a two-company occupancy.

PUBLIC SAFETY TOTAL:

\$31,000,000

TRANSPORTATION

Street Resurfacing

\$15,250,000

Strategic Focus Area: Quality Transportation

The City of Winston-Salem maintains 1,013.52 centerline miles (2,180.63 lane miles) of hard surface streets and 6.62 miles of dirt streets. The benchmark for city streets is that 85% of the streets have a pavement condition rating of 85 or higher. The proposed bond funding would allow for resurfacing of approximately 203 centerline miles of hard surface streets, which would bring all City streets above a pavement rating of 85. Available resurfacing funds are applied and distributed throughout various wards to this group of streets with an overall goal of improving the commute for citizens and achieving the previous mentioned benchmark. Final locations for this project will be determined by City Council at a later date.

Sidewalk Construction and Repairs

\$8,000,000

Strategic Focus Area: Quality Transportation

City Plans: Legacy
Long Range Transportation Plan
Comprehensive Transportation Plan
Sidewalk and Pedestrian Plan
Various Area Plans

This project would provide funding for the construction of new sidewalks and the maintenance/repair of existing sidewalks. This project also would provide for the installation of ramps to accommodate the disabled as needed to comply with the Americans with Disabilities Act (ADA). New sidewalks are constructed based on a priority system. Ramps are installed in high priority areas and as requested by persons with disabilities. Sidewalks that are in poor condition are both a safety hazard and a mobility impediment to the disabled. If State funding is approved for a specific location, the local match amount would be 20%. Final locations for this project will be determined by City Council at a later date.

Meadowlark Drive Widening

\$5,600,000

Strategic Focus Area: Quality Transportation

City Plans: Comprehensive Transportation Plan

This project would widen Meadowlark Drive from Country Club Road to the current widened segment near Robinhood Road to alleviate existing traffic congestion resulting from the additional residential development that has taken place over the last decade and the pending status of the Northern Beltway, which would divert north-south traffic.

TRANSPORTATION - CONTINUED

Business 40 Corridor Improvements

\$3,000,000

Strategic Focus Area: Quality Transportation

City Plans: Legacy
Long Range Transportation Plan
Comprehensive Transportation Plan
Downtown Area Plan

This project would provide for the replacement of street lights and other aesthetic improvements along Business 40 through downtown from the US 52 interchange to Peters Creek Parkway. These improvements would be in addition to the North Carolina Department of Transportation's scheduled improvements along the corridor.

Concrete Base Streets Rehabilitation

\$2,700,000

Strategic Focus Area: Quality Transportation

Multiple streets throughout the city were constructed of concrete. Often, the curb and gutter was poured with the street as one contiguous unit and is not a standard height or width. The concrete base has exceeded its life expectancy. Asphalt has been applied on top of some streets in a thin layer so that a minimal gutter will remain in place to carry stormwater. Due to the thin application of asphalt, the material has deteriorated, is breaking, and popping off in a relatively short time frame. The asphalt has to be milled prior to a new layer being placed on the roadway. Canterbury Trail, Fairfax Drive, Windsor Road, and Pine Valley Road are streets that fall into this category. Staff has consulted with a contractor about rehabilitating these streets. This project would provide a one-time fix for a minimum of 15 to 20 years.

- Canterbury Trail: From Windsor Road to Plymouth Avenue
- Fairfax Drive: From Plymouth Avenue to Canterbury Trail
- Fairfax Drive: From Canterbury Trail to Windsor Road
- South Pine Valley Road: From Country Club Road to North Bitting Road
- South Pine Valley Road: From North Bitting Road to Windsor Road
- North Pine Valley Road: From Country Club Road to Reynolds Drive
- North Pine Valley Road: From Reynolds Drive to Club Park Road
- North Pine Valley Road: From Club Park Road to Wellington Road
- Windsor Road North: From Westview Drive to North Pine Valley Road
- Windsor Road North: From Pine Valley Road to Canterbury Trail
- Windsor Road: From Canterbury Trail to Fairfax Drive

TRANSPORTATION - CONTINUED

Child Pedestrian Safety Projects

\$2,000,000

Strategic Focus Area: Quality Transportation

City Plans: Legacy
Long Range Transportation Plan
Comprehensive Transportation Plan
Sidewalk and Pedestrian Plan

The City of Winston-Salem's Safe Routes to School (SRTS) program works to create safe routes for students to walk and bike to school and educates and encourages students to use active modes of transportation. Through its work with schools throughout the city, the SRTS program has identified key infrastructure improvements to facilitate more walking and biking among students. Selected projects would include some of the following elements: pedestrian signals, sidewalks, crosswalks, curb ramps, and safety signs. Final locations for this project will be determined by City Council at a later date.

Street	School	Proposed Improvements	Ward
Shattalon Drive	North Forsyth HS	Sidewalk, curb ramps, crosswalks, rapid-flash pedestrian beacon	NE, N
Intersection of Ogburn Avenue and Motor Road	Mineral Springs ES & MS	Sidewalk, curb ramps, crosswalks, signs	NE
Robinhood Road/Muddy Creek Greenway	Jefferson ES	Sidewalk connection from Bridgefield neighborhood to Muddy Creek Greenway	NW
Intersection of Chester Road and Peace Haven Road	Sherwood Forest ES	Sidewalk, curb ramps, pedestrian signals, crosswalks, signs	W
Intersection of Miller Street and Silas Creek Parkway	Redeemer School / FTCC	Sidewalk, curb ramps, crosswalks, pedestrian signals, signs	SW
Hutton Street	Diggs-Latham ES	Sidewalk, curb ramps, crosswalks, signs	S
Intersection of Waughtown Street and Peachtree Street	Forest Park ES	Crosswalks, rapid-flash pedestrian beacon	SE
Intersections of Cameron Avenue and 12 th and 14 th Streets	Winston-Salem Preparatory Academy	Crosswalks, pedestrian signals, rapid-flash pedestrian beacon	E

TRANSPORTATION - CONTINUED

Polo Road Corridor Improvements

\$2,000,000

Strategic Focus Area: Quality Transportation

City Plans: Long Range Transportation Plan
Comprehensive Transportation Plan
Sidewalk and Pedestrian Plan

This project would provide for improvements along Polo Road from University Parkway to Indiana Avenue as a part of the Polo/Cherry Special Economic Study. Improvements would include the construction of new sidewalks and a linear park.

STP-DA Bicycle and Pedestrian Projects

\$1,800,000

Strategic Focus Area: Quality Transportation

City Plans: Legacy
Greenway Plan
Long Range Transportation Plan
Comprehensive Transportation Plan
Bicycle Master Plan
Various Area Plans

Through the federal Surface Transportation Program-Direct Attributable (STP-DA) program, the city has access to federal transportation money for bike and pedestrian projects. This would provide the required 20 percent local match to fund eight projects. Final locations for this project will be determined by City Council at a later date.

- Bicycle Lanes Phases II and III*: Citywide
- Cloverdale Avenue Pedestrian Improvements*: Northwest, Southwest
- Bicycle Lanes - Phase IV: Citywide
- Little Creek Greenway - Phase 2A: Southwest
- Mill Creek Greenway - Phase 1: Northwest, North, Northeast
- Muddy Creek Greenway - Phase 2: Northwest
- Muddy Creek Greenway - Phase 5A: West
- Salem Creek Greenway – Extension: South, Southwest

* STP-DA funds have been approved for this project

TRANSPORTATION - CONTINUED

Greenways

\$1,000,000

Strategic Focus Area: Quality Transportation

City Plans: Greenway Plan
Long Range Transportation Plan
Comprehensive Transportation Plan
Bicycle Master Plan

This project would provide for future greenway development, including construction of the Waughtown Connector Greenway. Bond proceeds would enable the City to expedite construction by completely funding special design work with local dollars, thus not requiring the extensive review by the State if the projects are funded from State grants. Staff would coordinate with the Transportation Advisory Committee (TAC) and Bicycle and Greenway Planning Sub-Committee to make recommendations and identify state and federal matching funds.

The Waughtown Connector Greenway would connect the Waughtown Street area and surrounding neighborhoods to the Peachtree Greenway, Reynolds Park, and the William R. Anderson Jr. Recreation Center. The Peachtree Greenway connects to the Salem Creek Greenway providing access to Winston-Salem State University, Salem College, the Gateway YWCA, Downtown via the Strollway, Peters Creek Parkway, and the Salem Lake Trail. The greenway also would allow for access around the quarry, providing the public with the opportunity for scenic views. Final locations for this project will be determined by City Council at a later date.

Old Salem Infrastructure

\$1,000,000

Strategic Focus Area: Quality Transportation

Most of the sidewalks within the Old Salem area are constructed of brick or rock. Many of the sidewalks have been displaced due to large trees within the area and have exceeded their life expectancy. This project would evaluate the removal of trees as recommended by a certified arborist and would replace existing sidewalks with a like material to meet current pedestrian needs and the American with Disabilities Act (ADA), along with planting trees within recommended locations. Once the project is completed, maintenance cost and needs would be significantly reduced.

TRANSPORTATION TOTAL:

\$42,350,000

RECREATION

Happy Hill Park Renovations

\$5,000,000

Strategic Focus Area: Healthy Environment

City Plans: Parks and Open Space
South Central Area Plan

This project would provide for the re-development and upgrade of Happy Hill Park as part of the overall Southeast Gateway Development Plan. A new master plan would be developed and citizen input would be requested as part of this process. Redevelopment of the park would include renovations to or relocation of the pool and/or a water sprayground, a parking lot expansion at the Sims Neighborhood Center, relocation of the picnic shelter, new playing fields, improved landscaping, development of the property at the corner of Alder and Liberia Streets, and other improvements to the park property.

Former Quarry Property Park Development - Phase I

\$4,000,000

Strategic Focus Area: Healthy Environment

City Plans: Parks and Open Space
Southeast Winston-Salem Area Plan

This project would provide for the development of the former Vulcan Quarry property. The 170-acre tract is located approximately three miles southeast of the central business district. Specific improvements to the entire property were detailed in a master plan completed in FY 2012-13. Phase I would consist of many of the improvements shown in the Quarry Village Area of the master plan, including the quarry overlook, lookout mound, amphitheater, corporate and family shelter areas, and the quarry boardwalk, as well as infrastructure improvements such as site cleaning, entrance upgrades, parking, and roadways.

Salem Lake Park Renovations/Improvements

\$4,000,000

Strategic Focus Area: Healthy Environment

City Plans: Parks and Open Space
Southeast Suburban Area Plan

This project would provide for the development of the entire Salem Lake Park property, which is approximately 1,450 acres. Specific improvements and new amenities were identified as part of a master plan, which was completed in FY 2012-13. Phase I of the project would consist of updated and new playgrounds, a water sprayground facility, renovating and expanding lakefront activities (fishing, walking trails, picnic shelters, etc.), a new multifunctional marina center, a boat training pavilion, new restroom facilities, and other park furnishings as needed.

RECREATION - CONTINUED

Winston Lake Park Renovations - Phase I

\$4,000,000

Strategic Focus Area: Healthy Environment

City Plans: Parks and Open Space
East-Northeast Area Plan

This project would provide for further development of Winston Lake Park. A master plan was completed for the park in FY 2012-13, showing a total renovation cost of approximately \$25 million. Phase I of that master plan would include the water works splash park (a zero-depth splash pad) and aquatics center with restrooms, bathroom/shower facilities, concessions, picnic shelters, and bleachers. It also would include an outdoor, competitive pool with diving area, a water tower/slide, and a lazy river feature.

Jamison Park Development

\$3,000,000

Strategic Focus Area: Healthy Environment

City Plans: Parks and Open Space
West Suburban Area Plan

This project would provide for the development of thirty-six acres on Meadowlark Drive acquired by the City in 1999. A master plan was completed in March 2001 and was updated in FY 2012-13. Development of the park would require site work such as clearing, grading, and the installation of erosion control measures and would include the following amenities: a picnic area, amphitheater, children's garden, shade structures, playfields/open space, development of improved parking and access to the Muddy Creek Greenway, dog parks, exercise equipment, and walking trails, as well as a small maintenance building.

Water Spraygrounds

\$2,050,000

Strategic Focus Area: Healthy Environment

City Plans: Parks and Open Space

This project would provide for the installation of water spraygrounds at existing parks in the city. Installation at each site would include the spray/play equipment, filters, pumps, surfacing, and seating. Water spraygrounds are an innovative solution to providing aquatic-style fun for people of all ages that requires no operational staffing. This project would construct eight spraygrounds in the following locations:

- Sedge Garden: East Ward
- Oak Summit: Northeast Ward
- Old Town: Northwest Ward
- Little Creek: Southwest Ward
- Griffith: South Ward
- Piney Grove: North Ward
- Hathaway: West Ward
- Easton: Southeast Ward

RECREATION - CONTINUED

Miller Park Renovations/Redevelopment

\$2,000,000

Strategic Focus Area: Healthy Environment

City Plans: Southwest Area Plan

This project would provide for the redevelopment and upgrade of Miller Park to better serve area residents. Improvements would include, but are not limited to, installation of benches; new/replacement picnic shelters; utility improvements; correction of drainage, erosion, and flooding problems; path improvements; and bridge replacements.

Recreation Facilities Renovations

\$2,000,000

Strategic Focus Area: Healthy Environment

City Plans: Parks and Open Space
East-Northeast Area Plan

The proposed bond package would provide funding for renovations to recreation facilities throughout the city. The projects included are park restroom renovations, picnic shelter renovations/replacements, playground renovations, facility and roadway resurfacing, lighting improvements, security improvements, swimming pool repairs, and tennis court resurfacing/renovations. The projects completed will vary based on each location. The following table shows the facilities where the City would provide the planned improvements.

- Kimberley Park	\$400,000
- Parkland Park	\$400,000
- Blum Park	\$250,000
- Fairview Park	\$200,000
- Brown & Douglas Recreation Center	\$175,000
- Piney Grove Park	\$175,000
- Bowen Park	\$150,000
- Nichols Park & Carver HS	\$150,000
- Hobby Park	\$100,000

RECREATION - CONTINUED

Winston Lake Golf Course Renovations

\$1,500,000

Strategic Focus Area: Healthy Environment

City Plans: Parks and Open Space
East-Northeast Area Plan

This project would provide for continued improvements at Winston Lake Golf Course. The FY 2013-14 budget included funding for replacement of all nineteen greens and two pedestrian bridges at the course. Planned appropriations for FY 15-16 include funding to replace remaining cart and pedestrian bridges in need of repair. The proposed bond project would provide for several major renovations including moving the driving range back and removing the nearby road, construction of two on-course restroom facilities, construction of a large picnic shelter, replacement and reconstruction of all sand traps, repaving and replacing cart paths as needed, and other facility needs.

Sedge Garden Recreation Center Gymnasium

\$1,300,000

Strategic Focus Area: Healthy Environment

City Plans: Parks and Open Space

This project would provide for the construction of a gymnasium at Sedge Garden Recreation Center. The gymnasium would be attached to the current facility, which was designed to accommodate an expansion. This project has been requested by residents in this area since 2003.

RECREATION - CONTINUED

Hanes Park Improvements

\$1,000,000

Strategic Focus Area: Healthy Environment

City Plans: Parks and Open Space

This project would provide for the immediate need for an additional restroom/storage facility at Hanes Park, resurfacing of the track, and the development and implementation of a master plan for the park. Hanes Park is a highly-utilized park and its need of an additional building to provide public restroom access and on-site storage for equipment. The current restrooms at the Joe White Tennis Center are not open and available to the public when the tennis center is closed. The proposed restroom and storage building would be situated near the existing sand volleyball court.

The track was last resurfaced in 2006 and is showing significant signs of wear. The proposed project involves resurfacing the track with rubber granules and a polyurethane layer to create an impermeable, shock-absorbing top layer. This type of surface will not deteriorate due to flooding that occurs in the park. Project costs would be split with Winston-Salem Forsyth County Schools, and the City contribution would be \$95,000.

Funding for this project would also include improvements to pathways, park entrances, signage, lighting, vegetation and landscaping, parking, drainage, picnic areas, general aesthetics, and revitalization of historical infrastructure as identified by City staff, citizen groups, and other interested parties..

Park Land Acquisition

\$1,000,000

Strategic Focus Area: Healthy Environment

City Plans: Legacy
Parks and Open Space

This project would create a reserve fund to be used exclusively for future acquisition of land that could be developed into future park land and open space. Funding would be available for sites throughout the City. Final locations for this project will be determined by City Council at a later date.

RECREATION TOTAL:

\$30,850,000

BOND REFERENDUM TOTAL:

\$139,200,000



WINSTON-SALEM
City of
ARTS
and
INNOVATION



Winston-Salem

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