FY 2016 CITY COUNCIL ADOPTED BUDGET

TABLE OF CONTENTS

Page No.

Capital Project Highlights 1-1

Summary of Capital Projects – All Funds 1-6

General Fund – FY 2016 Project Funding 1-8

Gas Fund – FY 2016 Project Funding 1-11

Electric Fund – FY 2016 Project Funding 1-12

SUMMARIES BY FUND:

General Fund – Summary of FY 2016 – 2020 Capital Projects 2-1

Sewer/Wastewater Fund – Summary of FY 2016 – 2020 Capital Projects 2-4

Water Fund – Summary of FY 2016 – 2020 Capital Projects 2-5

Gas Fund – Summary of FY 2016 – 2020 Capital Projects 2-6

Electric Fund – Summary of FY 2016 – 2020 Capital Projects 2-7

Telecommunications Fund – Summary of FY 2016 – 2020Capital Projects 2-8

PROJECT DETAILS:

Non-Departmentals:

Space Needs Study 3-1

Riverfront Park Master Plan & Design 3-2

G W Stadium Study 3-4

Misc River District Improvements 3-5

Community Development Department Project:

Comprehensive Blight Removal & Community Improvement Program 3-6

FY 2016 CITY COUNCIL ADOPTED BUDGET

TABLE OF CONTENTS

Page No.

Economic Development Projects:

E/D River District Property Purchase and Improvement Plan 3-7

China Strategy 3-8

E/D Industrial Site Development 3-9

Finance Department Project:

Harris Financial Center Traffic Flow Improvements 3-10

Fire Department Projects:

Fire Apparatus Replacement & Equipment Replacement Plan 3-12

Public Safety Center-Fire Headquarters 3-13

Asphalt Resurfacing of Parking & Emergency Access Drives 3-14

Fire Station Roof Replacement 3-16

PSAP Phone System Replacement 3-18

General Assembly Projects:

Registrar – Office Renovation or Relocation 3-19

Replacement of Voting Machines 3-20

Information Technology Projects:

Enterprise Resource Planning Enhancements & Upgrades 3-21

Computer Plan 3-22

Geographic Information System 3-23

FY 2016 CITY COUNCIL ADOPTED BUDGET
TABLE OF CONTENTS

Page No.

Parks & Recreation Projects:

City Auditorium 3-24
Trail/Recreation Projects 3-25
Riverwalk Trail 3-26
Park Improvements 3-28
Facility Improvements 3-30
Parks Paving Projects 3-32
American Legion Stadium 3-34

Police Dept. Projects –Admiistration

SWAT Tactical Equipment Upgrade 3-35
Video Surveillance System in the River District 3-36
Police Firing Range Upgrades 3-38
Construction of a New Police Station 3-40

Police Dept. Projects – Adult Detention Facility

Adult Detention Facility Improvements 3-42
ADF Replacement of Washer and Dryer 3-44
ADF Roof Replacement 3-46

FY 2016 CITY COUNCIL ADOPTED BUDGET

TABLE OF CONTENTS

Page No.

Public Works Building & Grounds Maintenance Projects:

Roof Replacements – City Buildings 3-48

Elevator Replacement – City Buildings 3-50

HVAC Replacements – City Buildings 3-52

General Maintenance of Buildings & Grounds 3-53

Public Works Engineering Projects:

City-Wide Wayfinding Signage 3-54

River District Street Improvements 3-55

River District Street Landscaping – Non-VDOT 3-56

Stormwater Improvements 3-57

General Street Improvements 3-58

Northside Riverwalk Trail Extension 3-59

South Boston Road (WBL) Widening 3-60

Stewart Street Improvements 3-61

Mount Cross Road Improvements 3-62

Old West End Rental District Street Improvements 3-63

City Support of Public School Projects:

City School Projects 3-64

FY 2016 CITY COUNCIL ADOPTED BUDGET
TABLE OF CONTENTS

Page No.

Transportation Services Projects:

Refurbish Hangar Buildings 3-66
Rehabilitate Crosswind Runway 13/31 3-68
Hangar Building Expansion 3-70
Taxiway A Rehabilitation 3-71
T-Hangar Taxilane Rehab/Construction 3-72

Public Works Sewer Projects:

Sewer Line Reconstruction 3-73
New Sewer Lines/Inflow & Infiltration Reduction 3-74
Rutledge Creek Sewer Line Replacement, Phase III 3-75
Apple Branch Sewer Line Replacement 3-76
Sandy Creek Sewer Collector Improvements 3-77
Luna Lake Road Sewers 3-78
Pumpkin Creek Tributary Sewer Lines 3-79

Utility Projects - Wastewater:

Northside Plant Process Modifications-Phase III 3-80
NSWWTP Full SCADA Implementation 3-81

Utility Projects – Water Distribution:

Water Line Reconstruction 3-82
Ballou Water Plan/Reservoir Distribution Water Mains 3-83

FY 2016 CITY COUNCIL ADOPTED BUDGET
TABLE OF CONTENTS

Page No.

Utility Projects – Water Plant:

Water Treatment Plant Improvements- Phase III 3-84

Schoolfield Dam Repair of Gate Guides and Concrete 3-85

Variable Frequency Drive for 700 HP High Service Pump 3-86

Utility Projects – Gas Distribution:

Cast Iron Main Replacements 3-87

Northern Gas Feed 3-88

Gas Main Extension – Mega Park 3-89

Holland Rd Gas Main Extension 3-90

Utility Projects – Electric Distribution:

System Reliability Inspections 3-91

Line Rebuilds & Reconductoring 3-92

Downtown Underground Conversion 3-93

Street Light Upgrade Program 3-94

Utility Projects – Load Management Project:

Distribution Automation System 3-95

Utility Projects – Sub-Station Projects:

Substation Upgrades & Rebuilds 3-96

25kV Voltage Conversion 3-97

FY 2016 CITY COUNCIL ADOPTED BUDGET

TABLE OF CONTENTS

Page No.

Utility Projects – Transmission Project:

69kV Rebuild-Wendell Scott to New Design 3-95

Utility Projects – Non-Capital Projects:

Utilities Warehouse 3-99

Weatherization Program 3-100

Utility Projects – Telecommunications Projects:

nDanville Phase 3 Fiber to the Home 3-101

Appendix:

Unscheduled/Unfunded Projects 4-1