General Capital Project Summary

As discussed with City Council as its May 12, 2015 budget work session, staff has worked with its financial advisors to develop a multi-year debt management and capital improvement program utilizing additional revenue that was generated by the 3-cent property tax rate increase that City Council approved in June 2013. The total five-year capital improvement program (CIP) includes project expenses totaling \$142,197,272 million.

Projects will be funded with a mix of internal City resources and external resources such as grants and partnerships. Approximately \$107,739,378 million in funding will come from City resources through the use of pay-as-you-go general fund operating contributions, and the issuance of municipal debt. Projects were selected based a number of criteria including: public safety, economic growth and sustainability, affordable housing & community development, quality of life, availability of outside funding sources, and potential return on investment.

The charts beginning on page 70 show a summary of the projects and their anticipated cash flows between the current fiscal year and FY 2019-20. At the end of the summary is a list of project budgets that will be included in the FY 2015-16 budget ordinance, which includes projects that will either 1) incur actual cash expenses during FY 2015-16, or 2) require budget authorization for contract approval in FY 2015-16 with actual cash expenses occurring after June 30, 2016.

It is important to note that project detail in the CIP can and often does change during the year based on various factors. Staff updates City Council via the quarterly financial reports on progress with capital projects.

FIVE-YEAR GENERAL CAPITAL PROJECT SUMMARY (Cash Flow)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
AFFORDABLE HOUSING								
Affordable Housing	-	250,000	750,000	-	2,000,000	-	2,000,000	5,000,000
Affordable Housing - Rev Offset	-	-	-	-	-	-	-	-
Southside Neigh. Improvements	-	-	-	-	-	-	-	-
Parks Maintenance Relocation	30,595	83,692	805,000	-	-	-	-	919,287
Eagle Market Place	530,372	471,380	2,947,748	-	-	-	-	3,949,500
Subtotal	560,967	805,072	4,502,748	-	2,000,000	-	2,000,000	9,868,787
PUBLIC SAFETY	_							
Radio Infrastructure	42,472	949,922	4,930,000	-	-	-	-	5,922,394
Finalee Landslide Mitigation	23,400	787,413	-	-	-	-	-	810,813
Chunn's Cove Bridge Rehab	-	-	-	-	-	-	500,000	500,000
Cedar Street Bridge Repair	-	-	200,000	-	-	-	-	200,000
Broadway Vaulted Sidewalks	-	-	250,000	-	-	-	-	250,000
Fire Station # 14 - Land	529,976	-	-	-	-	-	-	529,976
Fire Station # 14 - Design/ Build	-	-	153,424	1,700,000	1,000,000	-	-	2,853,424
Fire Station # 14 - Engine	-	-	-	-	600,000	-	-	600,000
SCBA replacement	-	-	1,000,000	-	-	-	-	1,000,000
Replacement ladder truck	-	-	-	1,000,000	-	-	-	1,000,000
Replacement Engine		-	-	-	-	600,000	-	600,000
Subtotal	595,848	1,737,335	6,533,424	2,700,000	1,600,000	600,000	500,000	14,266,607
MULTI-MODAL TRANSPORTATION								
Azalea Road	- 2,731,992	2,603,260	_		_	_		5,335,252
Azalea Road - Rev Offset	(3,776,064)	(742,112)	_	_	_	_	_	(4,518,176)
Greenway Connectors	(3,770,004)	(172,112)	120,000	_	_	_	_	120,000
Greenway Connector- Rev Offsets	_	_	(96,000)	_	_	_	_	(96,000)
Craven Street	651,927	6,147,467	951,156	_	_	_	_	7,750,550
Craven Street - Rev Offset	(710,203)	(800,000)	(987,401)	_	_	_	_	(2,497,604)
Charlotte Street Improvements	(710,200)	(000,000)	(007,401)	_	_	200,000	1,050,000	1,250,000
Hendersonville Road Sidewalk	95,682	400,000	3,695,747	_	_	200,000	1,030,000	4,191,429
Hendersonville Road - Rev Offset	55,002	-100,000	(2,904,613)	_	_	_	_	(2,904,613)
Neighborhood Sidewalks	_	10,000	215,000	355,000	360,000	360,000	360,000	1,660,000
New Leicester Highway Sidewalks	_	10,000	253,000	3,377,000	300,000	300,000	300,000	3,630,000
• •	_	_	(202,400)					
New Leicester Hwy - Rev Offset Hazel Mill Road Sidewalk	-	-	(202,400)	(2,701,600) 85,000	222 000	-	-	(2,904,000)
	-	24 500	-		332,000	-	-	417,000
EofR - Town Branch Greenway	-	31,500	-	423,750	1,344,366	1 412 500	- F26 F66	1,799,616
EofR - Livingston Street	-	4 040 000	250,000	-	7 000 000	1,412,500	536,566	2,199,066
EofR - RADTIP	-	1,046,836	8,011,053	6,102,000	7,000,000	7,299,000	4,859,000	34,317,889
EofR - French Broad Riv. West Gwy	-	101,201	148,960	422,790	1,147,497	-	-	1,820,448
EofR - Clingman Forest Greenway	-	226,503	400.000	452,000	1,700,649	-	-	2,379,152
EofR - Five-Points Roundabout	-	100,000	100,000	407,758	791,530	-	-	1,399,288
EofR - Craven Street Kiosk	-	-	150,000	(0.005.070)	(0.044.774)	(0.744.750)	-	150,000
EofR - Rev Offset	(4.000.000)	- 0.404.055	(4,182,600)	(3,865,372)	(9,244,771)	(3,744,758)	- 0.005 500	(21,037,501)
Subtotal	(1,006,666)	9,124,655	5,521,902	5,058,326	3,431,271	5,526,742	6,805,566	34,461,796

FIVE-YEAR GENERAL CAPITAL PROJECT SUMMARY (Cash Flow)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
ECONOMIC DEVELOPMENT	_							
EofR - 14 Riverside Drive	-	-	450,000	-	-	-	-	450,000
EofR - Jean Webb Boat Ramp	-	-	-	-	56,500	-	-	56,500
EofR - Rev Offset	-	-	(450,000)	-	(50,000)	-	-	(500,000)
I-26 Connector	-	-	-	-	-	-	1,000,000	1,000,000
South Lexington Utility Relocation	-	280,000	-	-	-	-	-	280,000
Thomas Wolfe Renovation	-	-	400,000	100,000	-	-	-	500,000
Haywood Street Demo	405,724	-	-	-	-	-	-	405,724
Subtotal	405,724	280,000	400,000	100,000	6,500	-	1,000,000	2,192,224
QUALITY OF LIFE								
Golf Course Irrigation System	-	320,000	-	-	-	-	-	320,000
Swimming Pools	-	-	750,000	1,000,000	500,000	-	-	2,250,000
Velodrome Safety	-	-	500,000	-	-	-	-	500,000
Carrier Park Improvements	-	-	250,000	-	-	-	-	250,000
Soccer Field	-	-	600,000	600,000	600,000	600,000	600,000	3,000,000
McCormick Field	87,549	259,453	71,863	-	-	-	-	418,865
Pack Place Capital Improvements		-	-	2,000,000	-	-	-	2,000,000
Subtotal	87,549	579,453	2,171,863	3,600,000	1,100,000	600,000	600,000	8,738,865
MAINTENANCE								
Computer Replacement	-	209,910	250,000	250,000	250,000	250,000	250,000	1,459,910
Roof Replacements	-	-	150,000	150,000	150,000	150,000	150,000	750,000
City Hall A/C Controls	-	-	74,740	-	-	-	-	74,740
Various facility upgrades	-	125,000	275,000	275,000	275,000	275,000	275,000	1,500,000
Park Facilities/ Playground / Fields	-	250,000	350,000	600,000	600,000	600,000	600,000	3,000,000
Underground Fuel Tank at Fuel Station	-	-	90,000	-	-	-	-	90,000
Streets and Sidewalks Program	-	350,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,350,000
Capital Project Mgmt Cost Reimb.	40,000	175,000	500,000	500,000	500,000	500,000	500,000	2,715,000
Fleet Replacement		2,599,538	3,421,911	3,000,000	3,000,000	3,000,000	3,000,000	18,021,449
Subtotal	40,000	3,709,448	7,111,651	6,775,000	6,775,000	6,775,000	6,775,000	37,961,099
DDO IS OT TOTAL O	200 455	10.005.000	00.044.500	10.000.000	11010 ==:	10 501 7:3	47.000.500	107 100 075
PROJECT TOTALS	683,422	16,235,963	26,241,588	18,233,326	14,912,771	13,501,742	17,680,566	107,489,378

Capital Improvement Program, Project Descriptions

Affordable Housing

Affordable Housing

This is not an individual project, but rather a commitment of funds by the City to affordable housing projects.

Total Cash Flow Amount	\$5,250,000
Offsets	
Total City Funds	\$5,250,00

Southside Neighborhood Improvements

Southside neighborhood improvements, while not funded in the next five years of the City's CIP, are important for long-term affordable housing and livability goals. Specific projects are not yet identified.

Eagle Market Place

The Eagle Market Place project is a Mountain Housing Opportunities (MHO) project partially City-funded. The goal of the renovations at Eagle and Market is to stimulate growth in the area by adding commercial space and 62 affordable housing units.

Total Cash Flow Amount	\$3,949,500
Offsets	
Total City Funds	\$3,949,500

Parks Maintenance Relocation

The Budget for this project includes the cost of relocating the Parks Maintenance Division from the Aston/Hilliard location. The disposition of the site will be determined according to Council's affordable housing goals.

Total Cash Flow Amount	\$919,287
Offsets	
Total City Funds	\$919,287

Public Safety

Radio Infrastructure

System-wide replacement of equipment and infrastructure originally installed in 1988.

Total Cash Flow Amount	\$5,922,394
Offsets	
Total City Funds	\$5,922,394

Fire Station # 14

The land for a potential Fire Station 14 was purchased in fiscal year 2014. Budget includes design and build and an engine for the new station.

• Fire Station # 14 - Land

Total Cash Flow Amount	\$529,976
Offsets	
Total City Funds	\$529,976

• Fire Station # 14 - Design/ Build

Total Cash Flow Amount	\$2,853,424
Offsets	
Total City Funds	\$2,853,424

• Fire Station # 14 - Engine

8 -	
Total Cash Flow Amount	\$600,000
Offsets	
Total City Funds	\$600,000

SCBA replacement

Replacement of the Self Contained Breathing Apparatus (SCBA) - the air tanks used by firefighters when responding to a fire.

Total Cash Flow Amount	\$1,000,000
Offsets- Possible Grant	<mark>(\$590,130)</mark>
Total City Funds	\$409,870

Replacement ladder truck

One Asheville Fire Department ladder truck will require replacement in fiscal year 2016.

Total Cash Flow Amount	\$1,000,000
Offsets	
Total City Funds	\$1,000,000

Replacement Engine

One Asheville Fire Department engine will require replacement in fiscal year 2017.

Total Cash Flow Amount	\$600,000
Offsets	
Total City Funds	\$600,000

Multi-Modal Transportation

Chunn's Cover Bridge Rehabilitation

Structural rehabilitation to the Chunn's Cover Road bridge.

Total Cash Flow Amount	\$500,000
Offsets	
Total City Funds	\$500,000



Cedar Street Bridge Repair

Structural repair to the Cedar Street bridge.

Total Cash Flow Amount	\$200,000
Offsets	
Total City Funds	\$200,000

Broadway Vaulted Sidewalk

The vaulted sidewalk on Broadway north of Tingle Alley will be rebuilt.

Total Cash Flow Amount	\$250,000
Offsets	
Total City Funds	\$250,000

Craven Street Bridge

The Craven Street bridge project is currently conceptual, with funding for design of \$500,000 after fiscal year 2020. This bridge, if completed, will add greenway connections and bicycle lanes to the existing bridge. The two bridges (new and existing) will have opposing direction traffic flow.

Greenway Connectors

Linkages designed to allow users to easily move from one greenway to another with the network. Partially grant funded, STPDA.

Total Cash Flow Amount	\$120,000
Offsets - Grant	(\$96,000)
Total City Funds	\$24,000



Charlotte Street Improvements

Improvements in the Charlotte Street Innovation District. This project is conceptual; project plans will be developed as funding is identified. The Current five-year plan allows \$1.25 million for design, right of way and construction will be included in years 2021 and later.

Total Cash Flow Amount	\$1,250,000
Offsets	
Total City Funds	\$1,250,000

Hendersonville Road Sidewalks

Partnership project with the Department of Transportation to add sidewalks to Hendersonville Road.

Total Cash Flow Amount	\$4,191,429
Offsets -Grant	(\$2,904,613)
Total City Funds	\$1,286,816

New Leicester Highway Sidewalks

Partnership project with the Department of Transportation to add sidewalks to New Leicester Highway.

Total Cash Flow Amount	\$3,630,000
Offsets- Grant	(\$2,904,000)
Total City Funds	\$726,000



Hazel Mill Road Sidewalk

Providing pedestrian linkage to mass transit from proposed apartment complex development that includes affordable housing units.

Total Cash Flow Amount	\$417,000
Offsets	
Total City Funds	\$417,000

Neighborhood Sidewalk Program

Investment in critical sidewalk linkages throughout the City.

Total Cash Flow Amount	\$1,660,000
Offsets	
Total City Funds	\$1,660,000



Economic Development



Craven Street

Complete street project in the River Arts District that includes bike lanes, sidewalks and parking. Partially grant funded, multiple sources.

Total Cash Flow Amount	\$7,750,500
Offsets- Enterprise Fund & Grants	(\$2,497,604)
Total City Funds	\$5,252,946



Thomas Wolfe Renovations

Renovations of the Thomas Wolfe auditorium. Design is expected to cost \$800,000. The current capital budget includes \$400,000 in fiscal year 2016 and \$100,000 in fiscal year 2017. The funding gap is anticipated to be covered by the sale of City-owned real estate.

Total Cash Flow Amount	\$800,000
Offsets- possible land sale	(\$300,000)
Total City Funds	\$500,000

14 Riverside Drive

Renovation of 14 Riverside Drive to include restroom and space for organizations to be determined. Grant funded.

Total Cash Flow Amount	\$450,000
Offsets- Grant	(\$450,000)
Total City Funds	\$0

Jean Webb Boat Ramp

Addition of a boat ramp on the French Broad River on the edge of Jean Webb Park in partnership with the North Carolina Wildlife Resources Commission. Grant funded.

Total Cash Flow Amount	\$50,000
Offsets- Grant	(\$50,000)
Total City Funds	\$0

Town Branch Greenway

Connection between the riverfront, the Southside neighborhood and the South Slope of downtown. Will provide multimodal access to Lee Walker Heights, Livingston heights and Erkine-Walton neighborhoods. Partially grant funded, Tiger VI.

Total Cash Flow Amount	\$1,799,616
Offsets-Grants	(\$1,050,000)
Total City Funds	\$749,616



Livingston Street

Complete Street project on Livingston Street adding bike lanes and sidewalks. Partially grant funded, Tiger VI.

Total Cash Flow Amount	\$2,199,066
Offsets-Grant	(\$750,000)
Total City Funds	\$1,449,066

French Broad River West Greenway

Connects the French Broad River park system with New Belgium Brewery and links the riverfront with city-wide greenway network. Partially grant funded, Tiger VI.

Total Cash Flow Amount	\$1,820,448
Offsets-Grant	(\$692,742)
Total City Funds	\$1,127,706



Five-Points Roundabout

Reconfiguration of the five-points intersection at Clingman, Roberts, Lyman and Depot Streets. Partially grant funded, Tiger VI.

Total Cash Flow Amount	\$1,399,152
Offsets-Grant	(\$350,000)
Total City Funds	\$1,049,152

Clingman Forest Greenway

Multimodal trail connecting the riverfront area and downtown. Partially grant funded, Tiger VI and TPDF.

Total Cash Flow Amount	\$2,379,152
Offsets-Grants	(\$1,252,500)
Total City Funds	\$1,129,152



Craven Street Kiosk

Visitor information and way-finding kiosk. Grant funded.

Total Cash Flow Amount	\$150,000
Offsets-Grant	(\$150,000)
Total City Funds	\$0

River Arts District Transportation Improvement Plan (RADTIP)



Addition of 12,000 linear feet of sidewalk, bike lanes, greenway, on-street parking, roadway and Stormwater improvements. Partially grant funded, multiple sources.

Total Cash Flow Amount	\$34,317,889
Offsets-Grants	(\$16,792,259)
Total City Funds	\$17,525,630

I-26 Connector

The City has committed \$2 million to this project; \$1 million in included in the current five-year plan.

Total Cash Flow Amount	\$1,000,000
Offsets	
Total City Funds	\$1,000,000

Quality of Life

Swimming Pools

Rehabilitation of pools and associated infrastructure.

Total Cash Flow Amount	\$2,250,000
Offsets	
Total City Funds	\$2,250,000



Velodrome Safety

Rebuild of the velodrome from the subsurface to address safety issues with cracking pavement. This project total cost is \$1.25 million; \$500,000 is included in the capital budget. A grant application is being submitted to the Tourism Product Development Foundation and there is potential for some private and individual donations to the project.



Total Cash Flow Amount	\$1,000,000
Offsets- Possible Grant	<mark>(\$500,000)</mark>
Total City Funds	\$500,000

In-Line Skating Resurfacing

Resurfacing of the in-line skating area at the velodrome.

Total Cash Flow Amount	\$250,000
Offsets- Possible Grant	(\$125,000)
Total City Funds	\$125,000

Soccer and Other Playing Fields

Replacement of the artificial turf at the playing fields around the City.

Total Cash Flow Amount	\$3,000,000
Offsets	
Total City Funds	\$3,000,000



McCormick Field

Improvements to McCormick Field committed to as part of the contract between the City and the Asheville Tourists.

Total Cash Flow Amount	\$418,865
Offsets	
Total City Funds	\$418,865

Park Facilities

Ongoing capital maintenance of Parks and Recreation Department facilities, restroom and buildings.

Total Cash Flow Amount	\$3,250,000
Offsets	
Total City Funds	\$3,250,000

Pack Place Capital Improvement

HVAC replacement and upgrade.

Total Cash Flow Amount	\$2,000,000
Offsets	
Total City Funds	\$2,000,000

Infrastructure and Maintenance

General Capital Maintenance

• Computer Replacement

Total Cash Flow Amount	\$1,459,910
Offsets	
Total City Funds	\$1,459,910

• Roof Replacements

Total Cash Flow Amount	\$750,000
Offsets	
Total City Funds	\$750,000

• City Hall A/C Controls

Total Cash Flow Amount	\$74,740
Offsets	
Total City Funds	\$74,740

• Various facility upgrades

Total Cash Flow Amount	\$1,500,000
Offsets	
Total City Funds	\$1,500,000

Fleet Replacement

Ongoing replacement of aging City fleet vehicles.

Total Cash Flow Amount	\$18,021,449
Offsets	
Total City Funds	\$18,021,449

Underground Fuel Tank Removal

Removal of aging underground fuel tank at the City fueling station.

Total Cash Flow Amount	\$90,000
Offsets	
Total City Funds	\$90,000

Streets and Sidewalks Program

Maintenance of existing streets and sidewalks.

Total Cash Flow Amount	\$10,350,000
Offsets	
Total City Funds	\$10,350,000

WATER RESOURCES CAPITAL IMPROVEMENT FUND SUMMARY

	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020
Revenue Sources:					
Water Operating Fund Transfer	11,985,500	8,981,500	10,525,500	10,432,500	9,770,000
Future Revenue Bonds	, ,	12,000,000	40,000,000		-, -,
Total Revenues:	11,985,500	20,981,500	50,525,500	10,432,500	9,770,000
Total Novollago	11,000,000	20,001,000	00,020,000	70,102,000	0,110,000
Use of Funds:					
NCDOT Projects:					
McFee Road Bridge		80,000			
Mills Gap Road Bridge	65,000				
Distribution System Projects:					
200 Bingham Road					500,000
AB Tech Area Waterline Improvements	1,500,000	1,000,000			
Affordable Housing Infill Devel. Initiative	30,000	30,000	30,000	30,000	30,000
Fairview Service Area WL Improvements		12,000,000			2,000,000
Main Transmission Line Projects	500,000	500,000			
Merrimon Avenue Main Replacement			3,125,000	3,825,000	2,050,000
Meter / Vault Repair	500,000	500,000	500,000		500,000
Right-of-Way (ROW) Clearing	150,000	150,000	150,000	150,000	150,000
Water Production Projects:					
Corrosion Control Study		50,000	700,000		
Education Facility		00,000			250,000
Mills River Raw Water Reservoir 15 MG					1,540,000
N. Fork / William DeBruhl WTP Wstewtr Upgrds	150,000				,
N. Fork WTP Dam / Tunnel Eval. & Rep	2,000,000		40,000,000		
Replacement of Tanks					550,000
Ridgeview Tank 95,000 GAL	300,000	500,000			
Software Updates / HMI - all WTP's		200,000			
Wtr Storage Tank / Pump Station Maint.	150,000	150,000	200,000	200,000	200,000
Water Treatment Plant Improvements	1,000,000	1,000,000			

WATER RESOURCES CAPITAL IMPROVEMENT FUND SUMMARY (Cont.)

	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020
Neighborhood Water Line Replace. Proj.					
Barnard Avenue & Sevier Street		142,000			
Beacon Village				2,000,000	
Biltmore Avenue		300,000			
Blue Ridge Rd, BR Assemb. Dr. & Maney Ln.			640,000		
College Circle	850,000				
Conestee St & Conestee Place	121,000				
Daniel/Starnes Cove Roads, Pisgah View Ct.	242,000				
Deanwood Cir, Forest St, & Ardmore St			168,000		
Dogwood Court (East)	105,000				
Frederick Street	30,000				
Gashes Creek Rd & Gabrielle Lane				350,000	
Gatehouse, Parkridge, & Creekside Court	122,000				
Glenn Bridge Road SE	200,000				
Joyner Avenue				224,000	
Kenilworth side rds., Ravenna St., Finalee Ave.	542,000				
Knauth Road		100,000			
Lindsey Road	140,000				
Long Shoals Road			250,000		
Mt. Carmel Subdivision and Erwin Hills Road	1,190,000				
Muirfield Subdivision		909,500			
Old Bee Tree / Rainbow Ridge / Halcyon Hill, etc. Roads		350,000			
Patton Avenue			550,000		
Piney Mountain Church Rd	160,000				
Pisgah View Apartments			450,000		
Plateau & Hilltopia Roads			88,000		
Sherwood Road			38,000		
Smokey Park Highway & Old 19/23		2,500,000	2,500,000		
South Grove Street & Morgan Avenue			180,000		
South Lexington Avenue			60,000		
South Malvern Hills Subdivision	552,500				
Springdale Avenue			110,000		

WATER RESOURCES CAPITAL IMPROVEMENT FUND SUMMARY (Cont.)

	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020
Sunset Drive				206,000	
Sweeten Creek Road	850,000				
Valley View Road			64,000		
Waynesville Ave, Tremont & Short Tremont St	536,000				
FY2020 Projects TBD					2,000,000
Water System Master Plan Projects:					
Beaucatcher Rd from Buckstone to Kenilworth				807,500	
Candler School Rd / Old Candler Town Rd			172,500	977,500	
Enka Lake Rd from Sand Hill to Ironwood				977,500	
Fairmont Rd from Old 19/23 to Justice Ridge Rd			550,000	685,000	
Swannanoa River Rd from Caledonia to Bryson		280,000			
Tunnel Rd from Overbrook and Crockett		240,000			
Total Use of Funds	11,985,500	20,981,500	50,525,500	10,432,500	9,770,000

PARKING SERVICES CAPITAL IMPROVEMENT FUND SUMMARY

	2015/16	2016/17	2017/18	2018/19	2019/20
Revenue Source:					
Transfer from Parking Operating Fund	300,000	850,000	900,000	300,000	430,000
Use of Funds:					
Elevator Rehabilitation (3 older garages)	200,000				
Parking Meter Replacement		300,000	300,000	300,000	
Structural Maintenance – Civic Center	100,000	550,000			
Structural Maintenance – Rankin Ave			300,000		
Structural Maintenance – Wall St			300,000		
Structural Maintenance – Biltmore Ave					400,000
Vehicle Replacement					30,000
Total Use of Funds	300,000	850,000	900,000	300,000	430,000

