

General Capital Projects Summary Sheet
Fiscal Year 2011/12 through 2018/19

General Capital Projects	Funding in FY 2011/12	Funding in FY 2012/13	Funding in FY 2013/14	Funding in FY 2014/15	Funding in FY 2015/16	Funding in FY 2016/17	Funding in FY 2017/18	Funding in FY 2018/19	Total
Ongoing & Periodic Projects									
Microsoft Licensing	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,600,000
Technology Infrastructure	150,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,550,000
Orthophoto Upgrade	0	135,000	0	0	145,000	0	0	0	280,000
Pictometry	0	105,000	0	0	115,000	0	0	0	220,000
Permit and Inspections Software	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	700,000
Projects to be Debt Financed									
Justice/Public Safety Center	2,362,807	2,400,000	0	0	0	0	0	0	4,762,807
Animal Shelter	350,000	0	0	0	0	0	0	0	350,000
Jail Expansion	425,000	425,000	425,000	425,000	12,500,000	0	0	0	14,200,000
Pay as Go Projects									
Sherrills Ford Library	775,000	650,000	0	0	0	0	0	0	1,425,000
PeopleSoft	50,000	0	0	0	0	0	0	0	50,000
Tax Software System	175,000	175,000	175,000	0	0	0	0	0	525,000
Future EMS	236,000	0	0	0	0	0	0	0	236,000
Multi-Jurisdictional Park	268,755	274,130	279,613	285,205	0	0	0	0	1,107,703
Animal Shelter	187,500	0	0	0	0	0	0	0	187,500
EMS-Hickory Rescue Base 2 Addition	0	230,000	0	0	0	0	0	0	230,000
EMS-Conover Fire Station # 2 Addition	0	230,000	0	0	0	0	0	0	230,000
E-911 Telephone Upgrade	0	600,000	0	0	0	0	0	0	600,000
EMS-Hickory Fuel Depot	0	150,000	0	0	0	0	0	0	150,000
EMS-Hickory EMS Base Relocation	0	0	450,000	0	0	0	0	0	450,000
Quantar Base Station	0	0	150,000	0	0	0	0	0	150,000
Fire House Software	0	0	300,000	0	0	0	0	0	300,000
Parks	0	0	0	580,000	850,000	300,000	0	0	1,730,000
EMS Sherrills Ford Fire Dept Addition	0	0	0	0	0	318,000	0	0	318,000
Totals	5,180,062	5,874,130	2,279,613	1,790,205	14,110,000	1,118,000	500,000	500,000	31,352,010

Revenues									
Installment Purchase	350,000	0	0	0	0	0	0	0	350,000
1/4 Cent Sales Tax	2,631,562	2,674,130	279,613	285,205	0	0	0	0	5,870,510
E-911	0	702,465	0	0	0	0	0	0	702,465
Federal Bed Rental	200,000	200,000	200,000	200,000	0	0	0	0	800,000
General Fund	1,348,500	1,275,000	916,667	500,000	500,000	500,000	500,000	500,000	6,040,167
General Capital Interest on Investments	250,000	175,000	100,000	0	0	0	0	0	525,000
Local Bed Rental	225,000	225,000	225,000	225,000	0	0	0	0	900,000
Municipalities for Orthos & Pictometry	0	58,785	0	0	0	0	0	0	58,785
Sale of Base	0	0	250,000	0	0	0	0	0	250,000
General Capital Fund Balance	175,000	563,750	308,333	580,000	13,610,000	618,000	0	0	15,855,083
Total Revenue	5,180,062	5,874,130	2,279,613	1,790,205	14,110,000	1,118,000	500,000	500,000	31,352,010

Catawba County Capital Improvement Plan
 General Capital Projects
 Fiscal Year 2011/12 through 2014/15

General Capital Projects 1st 4 Years	Funding in FY 2011/12	Funding in FY 2012/13	Funding in FY 2013/14	Funding in FY 2014/15	Total	Funding Notes	Operating Impacts
Ongoing & Periodic Projects							
Microsoft Licensing: Recurring cost to keep County in compliance with licensing requirements for operating systems, security systems, e-mail management, database management, desktop publishing, etc.	200,000	200,000	200,000	200,000	800,000	General Capital Interest income	None
Technology Infrastructure: Recurring funds used to maintain the County's network.	150,000	200,000	200,000	200,000	750,000	General Capital Interest income and general fund contribution	None
Orthophoto Upgrade: Aerial photography updated every 4 years in partnership with municipalities to coincide with revaluation. These maps are also used in the E-911 Center to locate callers who dial 911.	0	135,000	0	0	135,000	E-911 \$102,465 and municipalities \$32,535	None - updates existing maps
Pictometry: 5-directional views of certain buildings done in conjunction with orthophotography upgrade. These maps are used for public safety and economic development.	0	105,000	0	0	105,000	municipalities \$26,250, remaining \$78,750 general capital fund balance	None - updates existing maps
Permit and Inspections Software: Every 8-10 years a major upgrade is needed to the permit and inspections software used to track everything related to the building process from planning and permitting to final inspection.	0	100,000	100,000	100,000	300,000	Set aside planned for upgrade after FY 18/19, could postpone set aside or debt finance in future	None

Catawba County Capital Improvement Plan
 General Capital Projects
 Fiscal Year 2011/12 through 2014/15

General Capital Projects 1st 4 Years	Funding in FY 2011/12	Funding in FY 2012/13	Funding in FY 2013/14	Funding in FY 2014/15	Total	Funding Notes	Operating Impacts
Projects to be Debt Financed							
Justice/Public Safety Center: Expansion of court rooms & court functions, new E-911 Center & Emergency Operations Center (EOC), Emergency Services	2,362,807	2,400,000	0	0	4,762,807	Funding for Fiscal year 2011/12 represents setting aside the 1/4 cent sales tax toward the project costs. \$28 million financed for 15 years funded from 1/4 cent sales tax. Fiscal Year 2011/12 funding includes the \$2.4 million from the 1/4 cent sales tax.	\$2.4 million per year debt service, \$300,000 utilities per year, \$100,000 per year for 2 deputies for court security
Animal Shelter: Expansion to accommodate an average of 200 animals per day held 5-7 days & Renovations. Current shelter capacity is 78 animals and average population is over 200.	350,000	0	0	0	350,000	Financed over 5 years at 4%.	Average of \$350,000 debt service per year, \$33,000 salary/benefits, anticipated in Fiscal Year 2013/14 increased utility and operating costs up to \$110,000 depending on the size of the shelter and efficiencies from LEED certification.
Jail - 256 Bed Addition subject to inmate population growth and pressures at the Burke-Catawba District Confinement Facility	425,000	425,000	425,000	425,000	1,700,000	Debt in FY 2015/16 \$425,000 annually is being set aside from jail housing revenue until expansion to offset total cost. Beds could also be rented in the expanded facility to help with project cost	\$1.7 million per year for additional staffing, utilities, & general operations; \$1.42 million per year debt service. Combined cost would likely require a 2 cent tax increase.

Catawba County Capital Improvement Plan
 General Capital Projects
 Fiscal Year 2011/12 through 2014/15

General Capital Projects 1st 4 Years	Funding in FY 2011/12	Funding in FY 2012/13	Funding in FY 2013/14	Funding in FY 2014/15	Total	Funding Notes	Operating Impacts
Pay as Go Projects							
Sherrills Ford Library: 13,000 sq. ft. library with large meeting room	775,000	650,000	0	0	1,425,000	Additional funding in Fiscal Year 2011/12 and 2012/13 from diverting 1/2 cent property tax from water and sewer.	\$151,000 cost for 4 FTEs and \$70,000 increase for general operations utilities, & books based on operating costs of St. Stephens Library
PeopleSoft: Contractually required payment for PeopleSoft Financials Licensing. PeopleSoft is the County's Finance, Budget and Human Resources system.	50,000	0	0	0	50,000	General capital fund balance	None
Tax Software System: Replacement of the Land Records/computer assisted mass appraisal (CAMA) software system used for the appraisal of property to generate property tax values	175,000	175,000	175,000	0	525,000	General capital fund balance	None
Future EMS: Reserved for future additional crew subject to response times.	236,000	0	0	0	236,000	Paid for by EMS fees as part of the general fund transfer.	
Multi-Jurisdictional Park: Agreement between Catawba County, City of Conover, City of Hickory, Town of Catawba, Town of Maiden, and the Catawba County Economic Development Corporation (EDC) to fund the development of a Catawba Data Park	268,755	274,130	279,613	285,205	1,107,703	A portion of the 1/4 cent sales tax is devoted to economic development.	
Animal Shelter: Debt Service, Personnel, & Operating	187,500	0	0	0	187,500	Reserves fund for debt for the Animal Shelter expansion	

Catawba County Capital Improvement Plan
 General Capital Projects
 Fiscal Year 2011/12 through 2014/15

General Capital Projects 1st 4 Years	Funding in FY 2011/12	Funding in FY 2012/13	Funding in FY 2013/14	Funding in FY 2014/15	Total	Funding Notes	Operating Impacts
EMS-Hickory Rescue Base 2 Addition: 1,000 sq. ft. to provide space for relocation of an existing crew once a new EMS crew is established in the Mt. View area. Also allows for relocation of Propst crew further south to cover area where there is difficulty reaching in 8-minutes	0	230,000	0	0	230,000	General capital fund balance	
EMS-Conover Fire Station # 2 Addition: 1,000 sq. ft. relocation of existing Conover crew from Conover Fire Station 1. This location will provide better access to I-40 than the current location.	0	230,000	0	0	230,000	General capital fund balance	\$7,000 utilities - moving existing crew.
E-911 Telephone Upgrade: Anticipated to keep up with new technology such as Voice Over Internet Protocol (VOIP), text messaging, video data to public safety personnel, etc.	0	600,000	0	0	600,000	May need to apply to state for additional 911 funds	None
EMS-Hickory Fuel Depot : Replace fuel station at Lenoir Rhyne Blvd. EMS Base when this base is closed and Hickory EMS Crews are relocated to two Hickory fire stations.	0	150,000	0	0	150,000	General capital fund balance	None, this is a relocation not a service expansion.
EMS-Hickory EMS Base Relocation: Relocate 2 EMS Crews from Lenoir Rhyne Blvd to co-location at 2 Hickory Fire Stations. Relocation is necessary to more strategically locate crews and because response out of LR base is increasingly dangerous because of traffic.	0	0	450,000	0	450,000	General capital fund balance \$200,000, \$250,000 sale of current base	None, this is a relocation not a service expansion.

Catawba County Capital Improvement Plan
 General Capital Projects
 Fiscal Year 2011/12 through 2014/15

General Capital Projects 1st 4 Years	Funding in FY 2011/12	Funding in FY 2012/13	Funding in FY 2013/14	Funding in FY 2014/15	Total	Funding Notes	Operating Impacts
Quantar Base Station: Piece of radio equipment necessary to dispatch Fire, EMS, & Rescue will be at least 19 years old	0	0	150,000	0	150,000	General capital fund balance	None - replaces existing equipment
Fire House Software: Provide ability to collect, sort, and compile data from all fire departments and make software compatible with County software instead of manual compilation of 19,000 calls annually	0	0	300,000	0	300,000	General capital fund balance	None
Totals	5,180,062	5,874,130	2,279,613	1,210,205	14,544,010		

Catawba County Capital Improvement Plan
 General Capital Projects
 Fiscal Year 2011/12 through 2014/15

General Capital Projects 1st 4 Years	Funding in FY 2011/12	Funding in FY 2012/13	Funding in FY 2013/14	Funding in FY 2014/15	Total	Funding Notes	Operating Impacts
Revenues							
Installment Purchase	350,000	0	0	0	350,000		
1/4 Cent Sales Tax	2,631,562	2,674,130	279,613	285,205	5,870,510		
E-911	0	702,465	0	0	702,465		
Federal Housing	200,000	200,000	200,000	200,000	800,000		
General Fund	1,348,500	850,000	200,000	200,000	2,598,500		
General Capital Interest on Investments	250,000	175,000	100,000	0	525,000		
Local Housing	225,000	225,000	225,000	225,000	900,000		
Municipalities for Orthos & Pictometry	0	58,785	0	0	58,785		
Sale of Base	0	0	250,000	0	250,000		
General Capital Fund Balance	175,000	988,750	1,025,000	300,000	2,488,750		
Total Revenue	5,180,062	5,874,130	2,279,613	1,210,205	14,544,010		

Catawba County Capital Improvement Plan
 General Capital Projects
 Fiscal Year 2015/16 through 2018/19

General Capital Projects 2nd 4 Years	Funding in FY 2015/16	Funding in FY 2016/17	Funding in FY 2017/18	Funding in FY 2018/19	Total	Funding Notes	Operating Impacts
Ongoing & Periodic Projects							
Microsoft Licensing	200,000	200,000	200,000	200,000	800,000	General fund contribution	None
Technology Infrastructure	150,000	200,000	200,000	200,000	750,000	General fund contribution	None
Permit and Inspections Software	100,000	100,000	100,000	100,000	400,000	Set aside planned for upgrade after FY 18/19, could postpone set aside or debt finance in future	None
PeopleSoft Upgrade or Replacement: PeopleSoft upgrade or replacement needed by FY 17/18. Peoplesoft is the County's Finance, Budget and Human Resources system.	500,000	500,000	500,000	0	1,500,000	Set aside planned for upgrade after FY 17/18, could postpone set aside or debt finance in future	None
Orthophoto Upgrade	0	145,000	0	0	145,000	E-911 \$108,750 and municipalities \$36,250	None - update of existing maps
Pictometry	0	115,000	0	0	115,000	municipalities \$28,750, remaining \$78,750 general fund	None - update of existing maps
Debt Financed Projects							
Jail - 256 Bed Addition subject to inmate population growth and pressures at the Burke-Catawba District Confinement Facility	12,500,000	0	0	0	12,500,000	Debt in FY 2015/16 \$425,000 annually is being set aside from jail housing revenue until expansion to offset total cost. Beds could also be rented in the expanded facility to help with project cost	\$1.7 million per year for additional staffing, utilities, & general operations; \$1.42 million per year debt service.

Catawba County Capital Improvement Plan
 General Capital Projects
 Fiscal Year 2015/16 through 2018/19

General Capital Projects 2nd 4 Years	Funding in FY 2015/16	Funding in FY 2016/17	Funding in FY 2017/18	Funding in FY 2018/19	Total	Funding Notes	Operating Impacts
Pay as Go Projects							
Parks: Development of Mountain Creek Park in Sherrills Ford area and Bunker Hill Covered Bridge Park	580,000	850,000	300,000	0	1,730,000	\$865,000 from grants, \$865,000 from general fund. Start with Bunker Hill in FY 15/16 then Mountain Creek the following years.	\$140,000 per park for 3 FTEs per park & general operating costs.
EMS-Sherrills Ford Fire Dept. Addition	0	318,000	0	0	318,000		8 EMTs salary & benefits \$465,000, ambulance \$225,000
Totals	14,030,000	2,428,000	1,300,000	500,000	2,048,000		
Revenues							
Installment Purchase	12,500,000	0	0	0	12,500,000		
General Fund	660,000	1,410,341	1,100,000	500,000	3,670,341		
Interest on Investments	0	0	0	0	0		
E-911	0	108,750	0	0	108,750		
Municipalities for Orthos & Pictometry	0	65,000	0	0	65,000		
PARTF Grants	290,000	425,000	0	0	715,000		
Carolina Thread Trail	0	0	150,000	0	150,000		
NC DOT Grant	0	0	50,000	0	50,000		
Fund Balance	580,000	418,909	0	0	998,909		
Total Revenue	14,030,000	2,428,000	1,300,000	500,000	18,258,000		

Capital Improvement Plan
 Summary Sheet
 School
 Construction

School Projects	Funding in FY 2011/12	Funding in FY 2012/13	Funding in FY 2013/14	Funding in FY 2014/15	Total
Webb Murray Elementary	0	0	0	0	0
Hickory High Renovations (Phase III)	0	0	0	0	0
Hickory Career and Arts Magnet (HCAM)	1,500,000	0	0	0	1,500,000
CVCC Campus Renovations	1,500,000	2,000,000	0	2,000,000	5,500,000
Longview Elementary	0	12,000,000	0	0	12,000,000
Newton Conover Middle School Renovations	0	1,000,000	0	0	1,000,000
South Newton Renovations	0	10,000,000	0	0	10,000,000
CVCC Vocational Building	0	0	16,700,000	0	16,700,000
New Foard Area Elementary	0	0	0	15,000,000	15,000,000
Totals	3,000,000	25,000,000	16,700,000	17,000,000	61,700,000
Revenue					
Installment Purchase	3,000,000	25,000,000	16,700,000	17,000,000	61,700,000

Catawba County Capital Improvement Plan
School Construction
Fiscal year 2011/12 through 2014/15

School Projects 1st 4 Years	Estimated Cost	Funding in FY 2011/12	Funding in FY 2012/13	Funding in FY 2013/14	Funding in FY 2014/15	Funding Notes	Operating Impacts
Webb Murray Elementary - 18 classroom expansion, new administrative area including entrance and lobby, parking, new entrance including student drop off and pick-up, furnishings for new classrooms and administrative area, expansion of media center, and renovation of classrooms	6,300,000	0	0	0	0	15 years at 0%	\$420,000 per year debt service
Hickory High Renovations (Phase III) - Final phase of major renovation project to retrofit and update this 1970s school including new heating and cooling, plumbing, flooring, windows, etc.	1,900,000	0	0	0	0		\$180,000 average per year debt service
Hickory Career and Arts Magnet (HCAM) - Renovations to the College Park building to support program needs for the Criminal Justice, Drama, Culinary, Graphic Design and Photography, and Administration of the new magnet school.	1,500,000	1,500,000	0	0	0		\$165,000 average per year debt service

Catawba County Capital Improvement Plan
School Construction
Fiscal year 2011/12 through 2014/15

School Projects 1st 4 Years	Estimated Cost	Funding in FY 2011/12	Funding in FY 2012/13	Funding in FY 2013/14	Funding in FY 2014/15	Funding Notes	Operating Impacts
CVCC Campus Renovations - General renovations to the Testing Center and Business Complex \$1.5 million, general classroom renovations Main Building and East Campus \$2 million, and paving of parking lots at West Wing , East Campus, and Paap building.	5,500,000	1,500,000	2,000,000	0	2,000,000		\$173,750 FY 11/12 debt service; \$400,417 FY 12/13 debt service; \$388,750 FY 13/14; \$608,750 FY 14/15 debt service
Longview Elementary - New school to be constructed at the old Grandview Middle School property to replace Longview Elementary which was constructed in 1956 and is the oldest school in the district.	12,000,000	0	12,000,000	0	0		\$1.25 million average per year debt service
Newton Conover Middle School Renovations - Building renovations needed to turn the former Newton Conover Middle School into an elementary school to replace Thornton Elementary School.	1,000,000	0	1,000,000	0	0		\$115,000 average per year debt service
South Newton Renovations - Demolish all but Administration and the Library and build 22 new classrooms, computer lab, 2 exceptional children self contained rooms, up to 4 small resource rooms, music room, art room, gym, new library, and cafeteria	10,000,000	0	10,000,000	0	0		\$1 million average per year debt service

Catawba County Capital Improvement Plan
School Construction
Fiscal year 2011/12 through 2014/15

School Projects 1st 4 Years	Estimated Cost	Funding in FY 2011/12	Funding in FY 2012/13	Funding in FY 2013/14	Funding in FY 2014/15	Funding Notes	Operating Impacts
CVCC Vocational Building - New 97,000 sq. ft. business and industry complex to house classrooms, offices, workroom and other space for the following programs: Industry Training, Automotive, Marine Propulsion, Machining, Welding, and HVAC. Additionally, traffic flow at the college's south entrance will be reconfigured to connect to the traffic light located at the soccer field and construct additional parking.	16,700,000	0	0	16,700,000	0		\$1.8 million average per year debt service
New Foard Area Elementary - New elementary school in the Propst Crossroads area needed to relieve overcrowding at Foard feeder elementary schools	15,000,000	0	0	0	15,000,000		\$805,000 average debt service for 1/2 year's debt service
Totals	68,900,000	3,000,000	25,000,000	16,700,000	17,000,000		
Revenue							
Installment Purchase		3,000,000	25,000,000	16,700,000	17,000,000		

Capital Improvement Plan
Summary Sheet
Water Sewer
Fiscal Year 2011/12 through 2018/19

Water & Sewer Projects	Funding in FY 2011/12	Funding in FY 2012/13	Funding in FY 2013/14	Funding in FY 2014/15	Funding in FY 2015/16	Funding in FY 2016/17	Funding in FY 2017/18	Funding in FY 2018/19	Total
Pay as Go									
Southeastern Catawba County (SECC) Water Supply Loop Phase III Pump Station & Storage Tank-	1,558,260	0	0	0	0	0	0	0	1,558,260
EcoComplex and Resource Recovery Facility-	300,000	100,000	0	0	0	0	0	0	400,000
Riverbend Road Water Phase I, II & III	0	670,000	0	0	0	840,000	730,000	0	2,240,000
Farmfield Acres Water	0	0	230,000	0	0	0	0	0	230,000
Springs Road Water	0	0	470,000	0	0	0	0	0	470,000
Rock Barn Road/Oxford School Road Water Loop	0	0	0	472,000	0	0	0	0	472,000
Highway 150 Sewer Phase II	0	0	0	865,000	0	0	0	0	865,000
Mountain View Elementary Sewer I	0	0	0	0	3,200,000	3,200,000	0	0	6,400,000
Molly's Backbone/Monbo Road/Long/Island roads Water	0	0	0	0	730,000	0	0	1,060,000	1,790,000
Oxford Park Water	0	0	0	0	465,000	0	0	0	465,000
Bandys/Mill Creek Sewer	0	0	0	0	-	0	0	2,000,000	2,000,000
Total Projects	1,858,260	770,000	700,000	1,337,000	4,395,000	4,040,000	730,000	3,060,000	16,890,260
Debt Service & Operating Costs									
Southeastern Catawba County (SECC) Waste Water Collection	595,410	520,410	520,410	520,410	520,410	520,410	520,410	520,410	4,238,280
Sludge Compost Facility	400,000	400,000	400,000	400,000	0	0	0	0	1,600,000
Personal Services	78,054	80,396	82,807	85,292	87,850	90,486	93,201	95,997	694,082
General Operating	192,310	194,233	196,175	198,137	200,119	202,120	204,141	206,182	1,593,417
Blackburn-Plateau Water Loop	0	75,000	75,000	75,000	75,000	75,000	75,000	75,000	525,000
Highway 150 Sewer	0	737,587	737,587	737,587	737,587	737,587	737,587	737,587	5,163,109
Hickory-Catawba Wastewater Treatment Plant Expansion	0	305,419	305,419	555,419	555,419	555,419	555,419	555,419	3,387,933
Biosolids Management Facility	0	0	0	275,000	275,000	275,000	275,000	275,000	1,375,000
Total Debt Service & Operating for New Project	1,265,774	2,313,045	2,317,399	2,846,845	2,451,385	2,456,022	2,460,757	2,465,595	18,576,822
Total Project, Debt Service & Operating Expenses	3,124,034	3,083,045	3,017,399	4,183,845	6,846,385	6,496,022	3,190,757	5,525,595	35,467,082

Revenue									
Installment Purchase	0	0	0	0	0	0	0	0	0
0.5 cent Property Tax	775,000	782,750	790,578	798,483	806,468	814,533	822,678	830,905	6,421,395
1/4 cent sales tax	1,298,984	1,311,974	1,325,094	1,338,345	1,351,728	1,365,245	1,378,898	1,392,687	10,762,953
Domestic Haulers	40,052	40,453	40,857	41,266	41,266	41,266	41,266	41,266	327,690
Capital Fees	62,000	62,620	63,246	63,879	64,517	65,163	65,814	66,472	513,712
Key Harbor Agreement	0	600,000	600,000	600,000	600,000	600,000	600,000	600,000	4,200,000
Revenue Sharing Contracts	405,000	409,050	413,141	417,272	421,445	425,659	429,916	434,215	3,355,697
Loan Payments/Municipalities	0	0	0	0	0	0	0	0	0
Fund Balance	542,998	(123,802)	(215,516)	924,601	3,560,961	3,184,156	(147,814)	2,160,051	9,885,636
Total Revenue	3,124,034	3,083,045	3,017,399	4,183,845	6,846,385	6,496,022	3,190,757	5,525,595	35,467,082

Catawba County Capital Improvement Plan
 Water Sewer
 Fiscal Year 2011/12 through Fiscal Year 2014/15

Water & Sewer Projects 1st 4 Years	Estimated Cost	Funding in FY 2011/12	Funding in FY 2012/13	Funding in FY 2013/14	Funding in FY 2014/15	Funding Notes	Operating Impacts
Pay as Go							
Southeastern Catawba County (SECC) Water Supply Loop Phase III Pump Station & Storage Tank- This project constructs the 4 million gallon per day water pumping station on Olivers Cross Rd and a 1 million gallon water storage tank on Anderson Mountain Rd. This completes the third and final phase of the SECC water supply loop which is designed to provide the 20 year water needs for the southeastern portion of the County. Phase III of the SECC loop begins on Providence Mill Rd at Campbell Rd, then along Providence Mill Rd to North Olivers Cross Rd, along North Olivers Cross Rd to East Maiden Rd, East Maiden Rd to Anderson Mountain Rd. Phase III also extends north along Buffalo Shoals Rd. to Hwy 16.	1,500,000	1,558,260	0	0	0	Funding will be derived from 1.5 cent property tax and portion of the 1/4 cent sales tax devoted to water & sewer	

Catawba County Capital Improvement Plan
 Water Sewer
 Fiscal Year 2011/12 through Fiscal Year 2014/15

Water & Sewer Projects 1st 4 Years	Estimated Cost	Funding in FY 2011/12	Funding in FY 2012/13	Funding in FY 2013/14	Funding in FY 2014/15	Funding Notes	Operating Impacts
EcoComplex and Resource Recovery Facility- This project is for engineering and permitting associated with the development of the components of the EcoComplex and the continued development of the EcoComplex with a primary focus on making and using sustainable renewable energy for the purpose of attracting economic development to Catawba County.	1,950,000	300,000	100,000	0	0	Funding will be derived from 1.5 cent property tax and portion of the 1/4 cent sales tax devoted to water & sewer	
Riverbend Road Water Phase I, II & III -This project is a water supply loop divided into three phases. This project will provide municipal water service along Riverbend Rd forming a water supply loop in the northeastern portion of the County. This project provides redundant supply looping and will enhance water quality and fire protection.	2,227,000	0	670,000	0	0	Funding will be derived from 1.5 cent property tax and portion of the 1/4 cent sales tax devoted to water & sewer	
Farmfield Acres Water -This project was initiated through a citizen petition and will provide municipal water service to 56 existing lots and 46 acres of potential residential development. This project is located at the intersection of Oxford School rd. and Rock Barn Rd. and will extend along Rock Barn Rd. Ext, Farmfield Dr., and Acreland Dr.	230,000	0	0	230,000	0	Funding will be derived from 1.5 cent property tax and/or portion of the 1/4 cent sales tax devoted to water & sewer	

Catawba County Capital Improvement Plan
Water Sewer
Fiscal Year 2011/12 through Fiscal Year 2014/15

Water & Sewer Projects 1st 4 Years	Estimated Cost	Funding in FY 2011/12	Funding in FY 2012/13	Funding in FY 2013/14	Funding in FY 2014/15	Funding Notes	Operating Impacts
<p>Springs Road Water-This project will provide municipal water service along Springs Road from St. Peter's Church Road to NC Highway 16 providing system redundancy through a looped water system in the northern portion of the County. This project will tie into the Highway 16 North project.</p>	470,000	0	0	470,000	0	Funding will be derived from 1.5 cent property tax and portion of the 1/4 cent sales tax devoted to water & sewer	
<p>Rock Barn Road/Oxford School Road Water Loop-This project extends along Rock Barn Rd. from Shook Rd. to Sutton Ln. and was initiated by a citizen petition in 2002. Staff sought CDBG grant funds for this project in 2004 but the project did not qualify for funding. The grant surveying in 2004 identified 24 out of 65 households that were either experiencing problems with their wells or were on shared wells. This project will provide potable water to an area that has petitioned the County for water service due to a diminishing water table and resulting problems with drinking water wells and will provide a valuable water supply loop to the City of Conover water distribution system.</p>	472,000	0	0	0	472,000	Funding will be derived from 1.5 cent property tax and/or portion of the 1/4 cent sales tax devoted to water & sewer	

Catawba County Capital Improvement Plan
 Water Sewer
 Fiscal Year 2011/12 through Fiscal Year 2014/15

Water & Sewer Projects 1st 4 Years	Estimated Cost	Funding in FY 2011/12	Funding in FY 2012/13	Funding in FY 2013/14	Funding in FY 2014/15	Funding Notes	Operating Impacts
Highway 150 Sewer Phase II - Phase II of this project will provide gravity sewer service north from Highway 150 in Terrell across the Marshall Steam Station property to the Sherrills Ford Rd./Steam Plant Rd. intersection and also provide gravity sewer to the Terrell crossroads area along Highway 150 from the Village Center property to Kiser Island Rd.	4,227,000	0	0	0	865,000	Funding will be derived from 1.5 cent property tax and portion of the 1/4 cent sales tax devoted to water & sewer	
Total Projects	11,076,000	1,858,260	770,000	700,000	1,337,000		

Existing Debt Service & Operating Costs

Southeastern Catawba County (SECC) Waste Water Collection- Sewer collection system that extends from Sherrills Ford Elem School to the Hickory-Catawba Wastewater Treatment Plant. Collection system route is along Sherrills Ford Rd., Mollys Backbone Rd., Brown Chapel Rd., and Hudson Chapel Rd. into the Town of Catawba.	8,265,310	595,410	520,410	520,410	520,410	Project funding from installment purchase obligations issued over 20yrs @ 4.19% interest. Final debt payment is in 2028. Debt repaid from 1.5 cent property tax and/or portion of the 1/4 cent sales tax devoted to water & sewer.	\$520,410 debt service per year
---	-----------	---------	---------	---------	---------	--	---------------------------------

Catawba County Capital Improvement Plan
Water Sewer
Fiscal Year 2011/12 through Fiscal Year 2014/15

Water & Sewer Projects 1st 4 Years	Estimated Cost	Funding in FY 2011/12	Funding in FY 2012/13	Funding in FY 2013/14	Funding in FY 2014/15	Funding Notes	Operating Impacts
Sludge Compost Facility - County owns 18.5%, the City of Hickory owns 70.5%, and the City of Conover owns 11% of the existing Sludge Composting Facility located off of Highway 70. This project will close as the Biosolids Management Facility becomes operational. The management & operational costs are increasing beginning in FY 11/12.	6,222,385	400,000	400,000	400,000	400,000	Funding will be derived from 1.5 cent property tax and portion of the 1/4 cent sales tax devoted to water & sewer	\$400,000 per year debt service, maintenance, and operational costs of the facility and engineering assessment of the existing equipment to evaluate the feasibility of usage in the EcoComplex and Regional Biosolids Processing Facility
Personal Services: 1 FTE dedicated to water & sewer		78,054	80,396	82,807	85,292		
General Operating: Includes professional services for engineering reports on planned projects		192,310	194,233	196,175	198,137		
Total Existing Debt & Operating		1,265,774	1,195,039	1,199,393	1,203,839		

Debt Service & Operating for New Projects

Blackburn-Plateau Water Loop- This project extends a waterline beginning on Startown Road and runs along a portion of West Maiden Rd, a portion of Elbow Rd, south along Startown Rd, along Blackburn Bridge Rd, a portion of Hickory Lincolnton Highway, Grace Church Rd, and a portion of Plateau Rd. This project provides water for Apple Inc and a redundant supply to the SECC water supply loop and the Town of Maiden.	3,780,600	0	75,000	75,000	75,000	\$3 million from Economic Stimulus funds. \$1.5 million principal forgiveness loan for 20 years, payments are \$75,000 annually, \$1.5 million grant	\$75,000 per year debt service
---	-----------	---	--------	--------	--------	--	--------------------------------

Catawba County Capital Improvement Plan
Water Sewer
Fiscal Year 2011/12 through Fiscal Year 2014/15

Water & Sewer Projects 1st 4 Years	Estimated Cost	Funding in FY 2011/12	Funding in FY 2012/13	Funding in FY 2013/14	Funding in FY 2014/15	Funding Notes	Operating Impacts
Highway 150 Sewer: Debt Service		0	737,587	737,587	737,587	Project funding from water & sewer fund & installment purchase obligations issued over 20yrs @ 4.5% interest	\$737,587 per year debt service
Hickory-Catawba Wastewater Treatment Plant Expansion: Debt Service & operating costs		0	305,419	305,419	555,419	Project funding from water & sewer fund & installment purchase obligations issued over 20yrs @ 4.5% interest	\$305,419 per year debt service plus \$250,000 annual operating costs beginning in Fiscal Year 2014/15
Biosolids Management Facility- Currently, the County owns 18.5%, the City of Hickory owns 70.5%, and the City of Conover owns 11% of the existing sludge composting facility which is nearing the end of its useful life. This project reflects the current estimate for the County's portion of the operations, maintenance & capital expenses for a new facility at the EcoComplex when the existing Sludge Composting Facility is closed and this facility is built to take over the management of wastewater sludge.	2,441,389	0	0	0	275,000	Funding will be derived from 1.5 cent property tax and portion of the 1/4 cent sales tax devoted to water & sewer	
Total Debt Service & Operating for New Project		0	1,118,006	1,118,006	1,643,006		
Total Project, Debt Service & Operating Expenses	28,005,084	3,124,034	3,008,045	2,942,399	4,108,845		

Catawba County Capital Improvement Plan
Fiscal Year 2015/16 through 2018/19

Water & Sewer Projects 2nd 4 Years	Funding in FY 2015/16	Funding in FY 2016/17	Funding in FY 2017/18	Funding in FY 2018/19	Total	Funding Notes	Operating Impacts
Pay as Go Projects							
Mt. View Elementary Sewer I & II- This project will provide waste water service to Mt View Elementary School and the surrounding area. The routing of this project will be determined through a Preliminary Engineering Report.	3,200,000	3,200,000	0	0	6,400,000	Funding will be derived from 1.5 cent property tax and/or portion of the 1/4 cent sales tax devoted to water & sewer	
Molly's Backbone/Monbo Road/Long Island Roads Water- This project was initiated by citizen requests in the area and has now become important in the overall plan of providing water and sewer services to the SECC area. As sewer service is provided in the area it is also important to provide municipal water service as well. This project extends along Long Island Rd., Monbo Rd. and Mollys Backbone Rd. from Sherrills Ford Rd. to Lynmore Dr.	730,000		0	1,060,000	1,790,000	Funding will be derived from 1.5 cent property tax and/or portion of the 1/4 cent sales tax devoted to water & sewer	
Oxford Park Water- This project will provide municipal water service to approximately 60 residential lots in Oxford Park Subdivision. in northern Catawba County.	465,000	0	0	0	465,000		

Catawba County Capital Improvement Plan
Fiscal Year 2015/16 through 2018/19

Water & Sewer Projects 2nd 4 Years	Funding in FY 2015/16	Funding in FY 2016/17	Funding in FY 2017/18	Funding in FY 2018/19	Total	Funding Notes	Operating Impacts
Riverbend Road Water Phase I, II & III- This project is a water supply loop divided into three phases. This project will provide municipal water service along Riverbend Rd forming a water supply loop in the northeastern portion of the County. This project provides redundant supply looping and will enhance water quality and fire protection.	0	840,000	730,000	0	1,570,000	Funding will be derived from 1.5 cent property tax and/or portion of the 1/4 cent sales tax devoted to water & sewer	
Bandys/Mill Creek Sewer- This project will connect Bandys high School and Mill Creek Middle School to the SECC Waste Water Collection System.	0	0	0	2,000,000	2,000,000	Funding will be derived from water & sewer fund	
Total Projects (FY16-19)	4,395,000	4,040,000	730,000	3,060,000	12,225,000		
Blackburn-Plateau Water Loop: debt Service	75,000	75,000	75,000	75,000	300,000		
SECC Waste Water Collection: debt service	520,410	520,410	520,410	520,410	2,081,640		
Highway 150 Sewer: debt service	737,587	737,587	737,587	737,587	2,950,348		
Hickory-Catawba Wastewater Treatment Plant: debt service and operating	555,419	555,419	555,419	555,419	2,221,676		
Biosolids Management Facility: County's portion of the operations, maintenance & capital expenses	275,000	275,000	275,000	275,000	1,100,000		
Personal Services: 1 FTE dedicated to water & sewer	87,850	90,486	93,201	95,997	367,534		

Catawba County Capital Improvement Plan
Fiscal Year 2015/16 through 2018/19

Water & Sewer Projects 2nd 4 Years	Funding in FY 2015/16	Funding in FY 2016/17	Funding in FY 2017/18	Funding in FY 2018/19	Total	Funding Notes	Operating Impacts
General Operating: Includes professional services for engineering reports on planned projects	200,119	202,120	204,141	206,182	812,562		
Total Existing Debt & Operating	2,451,385	2,456,022	2,460,757	2,465,595	9,833,759		
Total Project, Debt Service & Operating Expenses	6,846,385	6,496,022	3,190,757	5,525,595	22,058,759		
Revenue							
Installment Purchase	0	0	0	0	0		
1.5 cent Property Tax	806,468	814,533	822,678	830,905	3,274,584		
1/4 cent sales tax	1,351,728	1,365,245	1,378,898	1,392,687	5,488,558		
Domestic Haulers	41,678	42,095	42,516	42,941	169,230		
Capital Fees	63,879	64,517	65,163	65,814	259,373		
Key Harbor Agreement	600,000	600,000	600,000	600,000	2,400,000		
Revenue Sharing Contracts	417,272	421,445	425,659	429,916	1,694,291		
Loan Payments/Municipalities	0	0	0	0	0		
Fund Balance	3,565,360	3,188,187	(144,156)	2,163,332	8,772,723		
Total Revenue	6,846,385	6,496,022	3,190,757	5,525,595	22,058,759		

Capital Improvement Plan
Solid Waste Summary Sheet
Fiscal Year 2011/12 through Fiscal Year 2018/19

Solid Waste Projects	Funding in FY 2011/12	Funding in FY 2012/13	Funding in FY 2013/14	Funding in FY 2014/15	Funding in FY 2015/16	Funding in FY 2016/17	Funding in FY 2017/18	Funding in FY 2018/19	Total
Projects to be Debt Financed									
Wood Gasification Energy Facility	100,000	0	0	0	0	0	0	0	100,000
Pay as Go									
Crop Processing Facility	150,000	0	0	0	0	0	0	0	150,000
EcoComplex Development	200,000	0	0	0	0	0	0	0	200,000
Heat Exchange Facility	75,000	0	0	0	0	0	0	0	75,000
Subtitle D Cell Construction	284,359	0	2,000,000	2,500,000	0	0	0	0	4,784,359
Rubber Tire Loader	155,000	0	0	0	0	0	0	0	155,000
Bulldozer	0	300,000	0	300,000	0	0	0	0	600,000
Compactor	0	450,000	600,000	0	0	0	0	0	1,050,000
GPS Elevations/Grade Control System-	0	50,000	0	0	0	0	0	0	50,000
Methane Gas Perimeter Infrastructure	0	125,000	0	100,000	0	0	0	0	225,000
Semi-Road Tractor	0	65,000	0	0	0	0	0	0	65,000
Topographic Update	0	18,700	0	19,000	0	0	0	0	37,700
Lawnmower & Bush Hog	0	0	20,000	0	0	0	0	0	20,000
Master & Management Plans update	0	0	50,000	0	0	0	0	0	50,000
Mechanic Truck and/or Service Fuel Truck	0	0	0	130,000	0	0	0	0	130,000
Compactor	0	0	0	0	0	0	0	650,000	650,000
Diesel Storage Tank	0	0	0	0	0	0	0	50,000	50,000
Dump Truck On-Road	0	0	0	0	100,000	0	0	0	100,000
Excavator	0	0	0	0	0	0	350,000	0	350,000
Farm Tractor.	0	0	0	0	100,000	100,000	0	0	200,000
Methane Gas Perimeter Infrastructure	0	0	0	0	0	0	0	100,000	100,000
Off-Road Dump Truck	0	0	0	0	0	0	400,000	0	400,000
Pickup Truck 3/4 Ton and/or 1/2 Ton	0	0	0	0	35,000	0	0	35,000	70,000
Rubber Tire Loader	0	0	0	0	0	160,000	0	0	160,000
Semi-Road Tractor	0	0	0	0	0	0	65,000	0	65,000
Subtitle D Cell Construction	0	0	0	0	2,500,000	3,000,000	3,000,000	1,750,000	10,250,000
Topographic Update	0	0	0	0	0	19,000	0	20,000	39,000
Tub Grinder	0	0	0	0	0	650,000	0	0	650,000
Lawnmower & Bush Hog	0	0	0	0	20,000	0	0	23,000	43,000
Master & Management Plans update	0	0	0	0	0	55,000	0	0	55,000
Mechanic Truck and/or Service Fuel Truck	0	0	0	0	50,000	50,000	0	0	100,000
Total Pay As Go	864,359	1,008,700	2,670,000	3,049,000	2,805,000	4,034,000	3,815,000	2,628,000	7,592,059
Total Projects	964,359	1,008,700	2,670,000	3,049,000	2,805,000	4,034,000	3,815,000	2,628,000	7,692,059

Capital Improvement Plan
Solid Waste
Fiscal Year 2011/12 through 2018/19

Solid Waste Projects 1st 4 Years	Funding in FY 2011/12	Funding in FY 2012/13	Funding in FY 2013/14	Funding in FY 2014/15	Total	Funding Notes
Projects to be Debt Financed						
Wood Gasification Energy Facility- The Wood Gasification Energy Facility will use sawdust, shavings, bark and chips to generate electricity, heat and steaam energy being developed through partnerships with GE Energy; University of NC Charlotte and University of British Columbia will have reserch activities centered on this facility.	100,000	0	0	0	100,000	Funding from installment purchase obligations, terms to be determined when Purchase Power Agreement is finalized with Duke Energy.
Pay as Go						
Crop Processing Facility- The Crop Processing Facility works in cooperation with the Biodiesel Research Facility to process crops grown on idle landfill property and buffer areas. It will process harvested crops into two products (oil and seed meal) that have a higher value than seed alone. The seed meal has many potential uses that are being investigated. The design of the Crop Processing Facility is complete and is in the process of being bid for construction. Funding in this project will be applied to the construction and/or purchase of millwork or equipment.	150,000	0	0	0	150,000	Funding from the Solid Waste Enterprise Fund

Capital Improvement Plan
Solid Waste
Fiscal Year 2011/12 through 2018/19

<p>EcoComplex Development- Provides for improved economics for delivering waste management services by facilitating the conversion of the Blackburn Landfill into a Resource Recovery Facility. Project includes these facilities: Biosolids Processing, Wood Gasification-Energy, greenhouse and brick/pottery, and a University Research. Facilities will use the heat energy from the existing Co-Generation facility and from the Wood Gasification-Energy Facility for the processing of biosolids, and to provide heat to G&G Lumber, Pallet One, and the brick/pottery facility. The University research facility will use heat and property in biodiesel crop research and its conversion into biodiesel. Project will coordinate with County EDC to investigate, analyze, and attract potential companies focused on "green" energy.</p>	200,000	0	0	0	200,000	Funding from the Solid Waste Enterprise Fund
<p>Heat Exchange Facility- will transfer heat from the engines to the biodiesel facility to be used for heating the facility and utilized in the biodiesel production. This "green" use of an otherwise wasted heat source will further the Biodiesel Facility being LEED certified. The funding in this project will be applied to the construction of the facility.</p>	75,000	0	0	0	75,000	Funding from the Solid Waste Enterprise Fund
<p>Subtitle D Cell Construction- The project funds the continuum of the Subtitle D Cell Construction. The next cell is Phase 2 of Unit 3.</p>	284,359	0	2,000,000	2,500,000	4,784,359	Funding from the Solid Waste Enterprise Fund
<p>Rubber Tire Loader- Replace existing loader, new loader is needed to maintain grinding area, load materials in grinders, load mulch for customers, load gravel, turn compost, and general duties at the landfill.</p>	155,000	0	0	0	155,000	Funding from the Solid Waste Enterprise Fund

Capital Improvement Plan
Solid Waste
Fiscal Year 2011/12 through 2018/19

Bulldozer- Bulldozers are scheduled for replacement in Fiscal Years 2011/12 and 2014/15. Replacements are scheduled according to Solid Waste financial analysis and planning.	0	300,000	0	300,000	600,000	Funding from the Solid Waste Enterprise Fund
Compactor- Compactors are scheduled for replacement in various years based on hours of operation and according to Solid Waste financial analysis and planning. Compactor costing \$450,000 in 12/13 is a C&D compactor; Compactor costing \$600,000 in 13/14 is a MSW compactor.	0	450,000	600,000	0	1,050,000	Funding from the Solid Waste Enterprise Fund
GPS Elevations/Grade Control System- New GPS unit connects to compactor, software, and a base system. System will be used for grade control of waste placement, check waste density as it is compacted, and locating areas where special waste is buried. This will assist landfill operators in maintaining grades per State permit regulations.	0	50,000	0	0	50,000	Funding from the Solid Waste Enterprise Fund
Methane Gas Perimeter Infrastructure- New Methane gas extraction wells and purchase associated piping, fittings, heads, etc. in completed waste areas of Unit 2 & Unit 3 landfill cells. This will allow landfill to start extracting needed methane from these areas to increase gas flow to the co-generation facility.	0	125,000	0	100,000	225,000	Funding from the Solid Waste Enterprise Fund
Semi-Road Tractor- Tractor is used to haul tankers and trailers in landfill daily operations. Replacement is scheduled according to the Solid Waste Analysis.	0	65,000	0	0	65,000	Funding from the Solid Waste Enterprise Fund
Topographic Update- As required by NC-DENR Division of Solid Waste.	0	18,700	0	19,000	37,700	Funding from the Solid Waste Enterprise Fund

Capital Improvement Plan
Solid Waste
Fiscal Year 2011/12 through 2018/19

Lawnmower & Bush Hog- Lawn mowers and bush hogs are used to maintain property associated with the Landfill and Solid Waste Management.	0	0	20,000	0	20,000	Funding from the Solid Waste Enterprise Fund
Master & Management Plans update- Update to the Solid Waste Master Plan and the Solid Waste Management Plan as mandated by the State every 3 years.	0	0	50,000	0	50,000	Funding from the Solid Waste Enterprise Fund
Mechanic Truck and/or Service Fuel Truck- Replacement mechanics truck and service fuel trucks are scheduled according to Solid Waste financial analysis and planning.	0	0	0	130,000	130,000	Funding from the Solid Waste Enterprise Fund
Total Pay As Go	864,359	1,008,700	2,670,000	3,049,000	7,592,059	
Total Projects	964,359	1,008,700	2,670,000	3,049,000	7,692,059	

Capital Improvement Plan
Solid Waste
Fiscal Year 2015/16 through 2018/19

Solid Waste Projects 2nd 4 Years	Funding in FY 2015/16	Funding in FY 2016/17	Funding in FY 2017/18	Funding in FY 2018/19	Total	Funding Notes
Pay as Go						
Compactor- Compactors are scheduled for replacement in various years based on hours of operation and according to Solid Waste financial analysis and planning. Compactor costing \$450,000 in 12/13 is a C&D compactor; Compactor costing \$600,000 in 13/14 is a MSW compactor.	0	0	0	650,000		Funding from the Solid Waste Enterprise Fund
Diesel Storage Tank- Used to store biodiesel produced by the Biodiesel Production Facility until it's used in landfill equipment.	0	0	0	50,000		Funding from the Solid Waste Enterprise Fund
Dump Truck On-Road- Replace existing truck.	100,000	0	0	0		Funding from the Solid Waste Enterprise Fund
Excavator- scheduled for replacement in Fiscal Year 2017/18. Replacements are scheduled according to Solid Waste financial analysis and planning.	0	0	350,000	0		Funding from the Solid Waste Enterprise Fund
Farm Tractor- used to cultivate crops for the biodiesel production facility that are grown on the buffer areas around the landfill.	100,000	0	0	0		Funding from the Solid Waste Enterprise Fund
Methane Gas Perimeter Infrastructure- New Methane gas extraction wells and purchase associated piping, fittings, heads, etc. in completed waste areas of Unit 2 & Unit 3 landfill cells. This will allow landfill to start extracting needed methane from these areas to increase gas flow to the co-generation facility.	0	0	0	100,000		Funding from the Solid Waste Enterprise Fund

Capital Improvement Plan
Solid Waste
Fiscal Year 2015/16 through 2018/19

Off-Road Dump Truck- Off Road Dump Trucks are scheduled for replacement according to Solid Waste financial analysis and planning.	0	0	400,000	0		Funding from the Solid Waste Enterprise Fund
Pickup Truck 3/4 Ton and/or 1/2 Ton- 3/4 ton or 1/2 ton pickups are replaced as necessary according to the Solid Waste Financial Analysis and planning.	35,000	0	0	35,000		Funding from the Solid Waste Enterprise Fund
Rubber Tire Loader- Replace existing loader, new loader is needed to maintain grinding area, load materials in grinders, load mulch for customers, load gravel, turn compost, and general duties at the landfill.	0	160,000	0	0		Funding from the Solid Waste Enterprise Fund
Semi-Road Tractor- Tractor is used to haul tankers and trailers in landfill daily operations. Replacement is scheduled according to the Solid Waste Analysis.	0	0	65,000	0		Funding from the Solid Waste Enterprise Fund
Subtitle D Cell Construction- The project funds the continuum of the Subtitle D Cell Construction. The next cell is Phase 2 of Unit 3.	2,500,000	3,000,000	3,000,000	1,750,000		Funding from the Solid Waste Enterprise Fund
Topographic Update- New Methane gas extraction wells and purchase associated piping, fittings, heads, etc. in completed waste areas of Unit 2 & Unit 3 landfill cells. This will allow landfill to start extracting needed methane from these areas to increase gas flow to the co-generation facility.	0	19,000	0	20,000		Funding from the Solid Waste Enterprise Fund
Tub Grinder- Replace tub grinder in C&D Landfill area in accordance with Solid Waste Financial Plan.	0	650,000	0	0		Funding from the Solid Waste Enterprise Fund

Capital Improvement Plan
Solid Waste
Fiscal Year 2015/16 through 2018/19

Lawnmower & Bush Hog- Lawn mowers and bush hogs are used to maintain property associated with the Landfill and Solid Waste Management.	20,000	0	0	23,000		Funding from the Solid Waste Enterprise Fund
Master & Management Plans update- Update to the Solid Waste Master Plan and the Solid Waste Management Plan as mandated by the State every 3 years.	0	55,000	0	0		Funding from the Solid Waste Enterprise Fund
Mechanic Truck and/or Service Fuel Truck- Replacement mechanics truck and service fuel trucks are scheduled according to Solid Waste financial analysis and planning.	50,000	0	0	0		Funding from the Solid Waste Enterprise Fund
Total Pay as Go	2,805,000	3,884,000	3,815,000	2,628,000	0	