

GENERAL CAPITAL PROJECTS 8-YEAR SUMMARY	Fiscal Year 2016/17	Fiscal Year 2017/18	Fiscal Year 2018/19	Fiscal Year 2019/20	Fiscal Year 2020/21	Fiscal Year 2021/22	Fiscal Year 2022/23	Fiscal Year 2023/24	Total In 8- Year Plan
<b>Ongoing &amp; Periodic Projects</b>									
Facilities - General Renovations	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	480,000
Technology - Server & Desktop Applications	308,000	308,000	308,000	275,000	275,000	275,000	275,000	275,000	2,299,000
Technology - Permit and Inspections Software	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	700,000
Technology - Oblique Photography	68,303	53,643	53,643	0	68,303	53,643	53,643	0	351,178
Technology - Infrastructure Upgrades	300,000	300,000	300,000	200,000	200,000	200,000	200,000	200,000	1,900,000
<b>Debt Financed Projects</b>									
Sheriff - Jail Expansion	3,625,000	8,906,166	0	0	0	0	0	0	12,531,166
Sheriff - Jail Federal Bed Rental Set Aside	(550,000)	0	0	0	0	0	0	0	(550,000)
<b>Pay as You Go Projects</b>									
E-911 - Backup 911 Center	275,300	0	0	0	0	0	0	0	275,300
E-911 - VHF Simulcast Radio System Upgrade	653,650	0	0	0	0	0	0	0	653,650
EMS - CVMC Neonatal Ambulance Replacement	380,000	0	0	0	0	0	0	0	380,000
EMS - Bandys Station II Expansion <i>(close for Neonatal)</i>	(321,520)	0	0	0	0	0	0	0	(321,520)
EMS - Future Proj. <i>(close over 2 years for Neonatal &amp; Conover)</i>	(58,480)	0	(177,520)	0	0	0	0	0	(236,000)
EMS-Conover Fire Station # 2 Addition	0	0	230,000	0	0	0	0	0	230,000
EMS-Hickory EMS Base Relocation	0	0	0	450,000	0	0	0	0	450,000
EMS-Hickory Fuel Depot	0	0	0	0	150,000	0	0	0	150,000
EMS-Hickory Rescue Base 2 Addition	0	0	0	0	0	0	0	230,000	230,000
EMS - Sherrills Ford Fire Dept Addition	0	0	0	0	0	318,800	0	0	318,800
Facilities - Family Services Center Roofs	110,000	0	0	0	0	0	0	0	110,000
Library - Library Technology & Facility Upgrades	124,245	0	0	0	0	0	0	0	124,245
Library - Sherrills Ford Library <i>(close for Library upgrades)</i>	(124,245)	0	0	0	0	0	0	0	(124,245)
Parks - Mountain Creek Park	125,000	375,000	0	0	250,000	0	0	0	750,000
Parks - Park Improvements	61,500	54,050	53,000	0	0	0	0	0	168,550
Parks - Riverbend Park	50,000	50,000	50,000	250,000					400,000
Sheriff - Jail Door Repair, Newton Jail	0	50,000	50,000	0	0	0	0	0	100,000
Sheriff - Jail Holding Area	100,000	0	0	0	0	0	0	0	100,000
<b>Totals</b>	<b>5,186,753</b>	<b>10,256,859</b>	<b>1,027,123</b>	<b>1,335,000</b>	<b>1,103,303</b>	<b>1,007,443</b>	<b>688,643</b>	<b>865,000</b>	<b>21,470,124</b>
<b>Revenues</b>									
Installment Purchase	0	8,231,166	0	0	0	0	0	0	8,231,166
Federal Bed Rental	450,000	400,000	0	0	0	0	0	0	850,000
Local Bed Rental	325,000	275,000	0	0	0	0	0	0	600,000
From General Fund	3,291,342	862,765	864,195	835,000	836,842	994,515	675,715	635,000	8,995,374
Sale of Slanting Bridge Property-from General Fund	50,000	100,000	150,000	0	0	0	0	0	300,000
Municipalities for Orthos & Pictometry	16,461	12,928	12,928	0	16,461	12,928	12,928	0	84,634
Donations for Mountain Creek Park	125,000	125,000	0	0	0	0	0	0	250,000
PARTF Grants	0	250,000	0	250,000	250,000	0	0	0	750,000
Sale of Hickory EMS Base	0	0	0	250,000	0	0	0	0	250,000
E-911 Grant Backup 911 Center	275,300	0	0	0	0	0	0	0	275,300
E-911 Grant VHF Simulcast Radio System Upgrade	653,650	0	0	0	0	0	0	0	653,650
General Capital Fund Balance	0	0	0	0	0	0	0	230,000	230,000
<b>Total Revenue</b>	<b>5,186,753</b>	<b>10,256,859</b>	<b>1,027,123</b>	<b>1,335,000</b>	<b>1,103,303</b>	<b>1,007,443</b>	<b>688,643</b>	<b>865,000</b>	<b>21,470,124</b>

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<b>Ongoing &amp; Periodic Projects</b>							
Facilities - General Renovations - General renovations and energy audit implementation funds	60,000	60,000	60,000	60,000	240,000	General Fund Contribution	None
Technology - Server & Desktop Applications - Recurring cost to keep County in compliance with licensing requirements for operating systems, security systems, e-mail management, database management, desktop publishing, etc.	308,000	308,000	308,000	275,000	1,199,000	General Fund contribution	None
Technology - 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.	-	100,000	100,000	100,000	300,000	General Fund contribution (increasing Building Services revenue) planned for future software upgrade. At year 9, according to Technology on 1/15 says push 1 more year.	None
Technology - Oblique Photography - 5-directional, high quality aerial views of areas in the County. These maps are used for public safety, tax, and economic development purposes.	68,303	53,643	53,643	-	175,589	Municipalities fund 24.1% of the project with remainder General Fund contribution.	None - updates existing maps
Technology - Infrastructure Upgrades - Recurring funds used to maintain the County's network.	300,000	300,000	300,000	200,000	1,100,000	General Fund contribution	None
<b>Debt Financed Projects</b>							
Sheriff: Jail Expansion - 256 Bed Addition	3,625,000	8,906,166	-	-	12,531,166	Property tax-set aside and bed rental in Fiscal Year 2016/17. Installment purchase in Fiscal Year 2017/18. Bed rental revenue annually is being set aside from jail housing revenue to offset total expansion cost. Beds could also be rented in the expanded facility to help with project cost.	\$1.2 million increase per year for additional staffing, utilities, & general operations (reflects savings from closing the DCF); \$1.4 million per year debt service. Combined cost would likely require a 2 cent tax increase projected by Fiscal Year 20/21.
Sheriff: Jail Federal Bed Rental - set aside for jail housing, close & combine into Jail Expansion project	(550,000)	-	-	-	(550,000)		
<b>Pay as You Go Projects</b>							

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E-911 - Backup 911 Center - Working with the City of Hickory, Catawba County has developed a plan to establish a 911 back-up center at the Hickory Police Department as required by (G.S. 62A-46(e) (4a)). These are the non-911 fundable expenses.	275,300	-	-	-	275,300	E-911 Grant; an additional \$737,500 in 911 fundable expenses are budgeted in the E-911 fund to complete the project	None
E-911 - VHF Simulcast Radio System Upgrade - The system is used to communicate with fire and rescue volunteers via pager. Pagers are a vital means of communication with volunteer emergency responders (and some paid responders) as they can be set to only alert the responders who need to respond to an emergency with the specific information they need.	653,650	-	-	-	653,650	E-911 Grant	None
EMS CVMC Neonatal Ambulance - Newer truck to be used in place of older one (will still be used as a spare) for neonatal-related transport	380,000	-	-	-	380,000	Closing existing projects (Bandys Station II and Future Projects). CVMC will repay over the course of 8 years.	None
EMS Bandys' Station II Expansion - funds from existing project to be closed, not needed due to locating in Station I	(321,520)	-	-	-	(321,520)		
EMS Future Projects- reduce portion of \$236,000 previously set aside for non-specific EMS capital needs, leaves \$177,520 in project	(58,480)	-	(177,520)	-	(236,000)		
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.	-	-	230,000	-	230,000	General Fund contribution	\$7,000 utilities - moving existing crew.
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 due to traffic.	-	-	-	450,000	450,000	\$250,000 sale of current base, balance General Fund contribution	None
Facilities: Family Services Center Roofs - Replacement of 20 year old roofs on both buildings	110,000	-	-	-	110,000	General Fund contribution	None
Library Technology & Facility Upgrades - capital projects to improve image, service, and technology per the Strategic Plan	124,245	-	-	-	124,245	Closing Sherrills Ford Library project	Technology maintenance project
Library - Sherrills Ford Library - remainder funds from existing project to be closed	(124,245)	0	0	-	(124,245)		

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Mountain Creek Park - Development of Mountain Creek Park in Sherrills Ford area	125,000	375,000	-	-	500,000	Donations of \$250,000 are set-aside adding to the existing \$250,000. \$550,000 funding planned from PARTF grants.	Operating costs of \$165,000 projected in FY 19/20
Parks: Park Improvements - Funds to address a variety of maintenance issues at Riverbend, Baker's Mountain, and St. Stephens Park	61,500	54,050	53,000	-	168,550	General Fund contribution	None
Parks: Riverbend Park - Purchase of land adjacent to Park in 16/17 and in later years development of purchased land for park usage	50,000	50,000	50,000	250,000	400,000	\$150,000 from sale of Slanting Bridge property over 3 years & \$250,000 PARTF grant	\$7,000/year utilities & upkeep of house in FY 16/17 increasing to \$25,825 per year operating in FY 17/18
Sheriff: Jail Door Repair, Newton Jail replacement of door gears and mechanisms.	-	50,000	50,000	-	100,000	General Fund contribution	None
Sheriff Jail Holding Areas - Expansion of holding area for inmates awaiting court appearance	100,000	-	-	-	100,000	Federal bed rental revenue	
<b>Totals</b>	<b>\$5,186,753</b>	<b>\$10,256,859</b>	<b>\$1,027,123</b>	<b>\$1,335,000</b>	<b>\$17,805,735</b>		

<b>GENERAL CAPITAL PROJECTS SECOND 4-YEARS SUMMARY</b>	<b>Fiscal Year 2020/21</b>	<b>Fiscal Year 2021/22</b>	<b>Fiscal Year 2022/23</b>	<b>Fiscal Year 2023/24</b>	<b>Total In 8-Year Plan</b>	<b>Funding Notes</b>	<b>Operating Impact</b>
<b>Ongoing &amp; Periodic Projects</b>							
Facilities - General Renovations - General renovations and energy audit implementation funds	60,000	60,000	60,000	60,000	240,000	General Fund contribution	None
Technology - Server & Desktop Applications - Recurring cost to keep County in compliance with licensing requirements for operating systems, security systems, e-mail management, database management, desktop publishing, etc.	275,000	275,000	275,000	275,000	1,100,000	General Fund contribution	None
Technology - 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.	100,000	100,000	100,000	100,000	400,000	Set aside from General Fund (increasing Building Services revenue) planned for future software upgrade.	None
Technology - Oblique Photography - 5-directional, high quality aerial views of areas in the County. These maps are used for public safety, tax, and economic development purposes.	68,303	53,643	53,643	-	175,589	Municipalities fund 24.1% of the project	None - updates existing maps
Technology - Infrastructure Upgrades - Recurring funds used to maintain the County's network.	200,000	200,000	200,000	200,000	800,000	General Fund contribution	None
<b>Pay as You Go Projects</b>							
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.	150,000	-	-	-	150,000	General Fund contribution	None, this is a relocation not a service expansion.
EMS-Hickory Rescue Base 2 Addition - 1,000 sq. ft. to provide space for relocation of an existing crew once the Mountain View area EMS crew is increased to 24/7 coverage	-	-	-	230,000	230,000	General Fund contribution	Relocation of existing crew.
EMS Sherrills Ford Fire Dept Addition - Due to anticipated population and call volume increase in the Sherrills Ford area an additional base and crew will be needed to service this area. The proposed renovations will include space for an EMS crew (apparatus bay, storage area, office area, and living area).	-	318,800	-	-	318,800	General Fund contribution	Establishment of a new crew, phased in over 3 years totaling 8 EMTs salary & benefits \$465,000, ambulance \$225,000  Building operating costs are anticipated to be roughly \$7,000 per year

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Mountain Creek Park - Development of Mountain Creek Park in Sherrills Ford area	250,000	-	-	-	250,000	\$250,000 in PARTF funding planned matched by funds previously reserved in the project from General Fund & Village Center agreement	Estimated to be \$165,000 on a 6-day schedule
<b>Totals</b>	<b>\$1,103,303</b>	<b>\$1,007,443</b>	<b>\$688,643</b>	<b>\$865,000</b>	<b>\$3,664,389</b>		