

**METROPOLITAN SEWERAGE DISTRICT
OF BUNCOMBE COUNTY, NORTH CAROLINA**
TEN YEAR CAPITAL IMPROVEMENT PROGRAM
STATUS REPORT
October 2023

PROJECT NAME	LOCATION OF PROJECT	PROJ. MGR.	PROJECT NUMBER	PIPE RATING	PROJECT FOOTAGE	TOTAL ESTIMATED COST	TOTAL EST. EXPENDS THRU FY 23	FY 23-24		PLATS	PLATS DUE DATE	ADVERTISE DATE	STATUS / COMMENTS
								BUDGET	FOOTAGE				
INTERCEPTOR AND WET WEATHER REHABILITATION													
Beaverdam Creek WW (CDM #10)	Buncombe County	BD	2001191	27	5,500	\$2,457,350	\$0	\$0		N/A	N/A	TBA	Future project.
Christian Creek Interceptor	Buncombe County	HC	2011110	24	2,000	\$6,378,810	\$3,969,307	\$2,409,503	2,000	27	Delivered	Awarded	In construction
South French Broad Relief Int.	Buncombe County	TH	2017070	N/A	36,330	\$35,039,145	\$233,900	\$0		7	12/01/27	07/01/29	Survey complete. Awaiting draft of archaeology reports. Prelim design in progress.
South Swannanoa WW (CDM #4)	Asheville	BD	2001195	23	8,040	\$5,643,000	\$0	\$0		7	TBD	07/01/31	Future project.
Swannanoa Equalization Tank	Swannanoa	HC	2019046	N/A	0	\$29,577,013	\$1,875	\$1,034,300		N/A	N/A	TBA	Future project. Site evaluation in progress.
SUBTOTAL					51,870	79,095,318	\$4,205,082	\$3,443,803	2,000				

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GENERAL SEWER REHABILITATION													
Antique Lane @ Canie Creek	Asheville	DP	2022023	24	6,039	\$2,431,000	\$0	\$0		31	07/01/29	07/01/31	Preliminary Engineering in progress.
Atkins Street	Arden	BD	2014012	39	1,833	\$776,630	\$5,480	\$0		3	07/01/26	07/01/27	Design in progress.
Avon Ave. @ Haywood Rd	West Asheville	BD	2021003	65	233	\$128,650	\$1,500	\$5,950		7	07/01/24	07/01/25	Design complete. Plats ordered, then to ROW.
Beale Road at Copney Lane	Asheville	DP	2009129	47	5,430	\$2,215,025	\$24,025	\$0		19	07/01/25	07/01/27	Design in progress.
Bellevue Road	S. Asheville	DP	2015175	49	1,100	\$535,600	\$9,600	\$0		9	07/01/25	07/01/26	Design in progress.
Braddock Way - PRP 20002	Asheville	TH	2006025	29	3,848	\$1,872,840	\$18,353	\$0		25	07/01/26	07/01/28	Design in progress.
Buchanan Ave.	Asheville	SA	2014023	51	2,204	\$1,354,400	\$58,400	\$1,296,000	2,204	3	Delivered	07/01/23	Project bid on October 12th. Will go to the November Board.
Caledonia Road	Asheville	BD	2014153	65	2,126	\$927,840	\$720,440	\$207,400	500	2	Delivered	Awarded	Construction complete.
Calvin Trail @ Greybeard Trail	Asheville	TH	2021284	35	780	\$378,870	\$0	\$0		4	06/30/28	07/01/29	Preliminary Engineering in progress.
Carver Ave. @ Owenby Lane	Asheville	DP	2022253	71	785	\$54,500	\$0	\$5,000		9	07/01/25	07/01/26	Preliminary Engineering in progress.
Central Ave. @ I-240	Asheville	SA	2014180	35	990	\$446,000	\$0	\$0		1	07/01/28	07/01/30	Preliminary Engineering in progress.
Chatham Road	Asheville	SA	2015019	43	1,330	\$597,925	\$4,800	\$0		4	01/01/25	07/01/25	Design in progress.
Cherokee Road	Asheville	DP	2009132	48	1,960	\$1,154,780	\$241,680	\$873,100	1,960	10	Delivered	Awarded	In construction.
Cub Road	Asheville	TH	2018027	27	1,204	\$452,800	\$0	\$0		12	07/01/25	07/01/27	Preliminary Engineering in progress.
Dover St @ Merrimon Ave	Asheville	TH	2023006	29	223	\$117,300	\$0	\$0		2	06/30/28	07/01/30	Preliminary Engineering in progress.
East Chestnut Ave @ Five Points	N. Asheville	SA	2015192	29	5,225	\$2,101,050	\$19,321	\$0		23	11/01/25	07/01/28	Design in progress.
Edwards Ave @ US 70 Hwy	Swannanoa	BD	2021004	35	2,400	\$969,400	\$0	\$0		8	07/01/27	07/01/29	Preliminary Engineering in progress.
Elk Mountain Place	Woodfin	BD	2010094	48	4,137	\$1,725,750	\$256,250	\$11,000		38	Delivered	07/01/24	ROW in process; 1 condemnation near completion. Permitting in process.
Erwin Hills Rd @ High School	Woodfin	SA	2021285	93	121	\$67,300	\$4,800	\$62,500	121	1	Delivered	Awarded	In construction.
Fairmont Road	N. Asheville	DP	2015017	31	3,900	\$1,711,500	\$0	\$0		11	07/01/28	07/01/29	Preliminary Engineering in progress.

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GENERAL SEWER REHABILITATION continued...													
Forestdale Drive	S. Asheville	DP	2014002	33	2,900	\$1,281,000	\$0	\$17,000		30	07/01/26	07/01/28	Preliminary Engineering in progress.
Harmony Lane	Asheville	DP	2016103	35	670	\$240,500	\$0	\$0		0	N/A	07/01/28	Preliminary Engineering in progress.
Hazel Mill Rd @ Richland St.	Asheville	SA	2014016	56	4,400	\$2,277,000	\$20,000	\$132,500		14	01/01/24	07/01/25	Design in progress.
Hill Street @ Cross Place	Asheville	TH	2016249	42	641	\$264,155	\$3,875	\$0		2	07/01/25	07/01/25	Project on pause waiting on NCDOT I26/240 Interchange project.
Howland Rd. @ Sunset Trail	Asheville	DP	2012134	43	994	\$472,500	\$7,500	\$0		5	07/01/25	07/01/26	Design in progress.
Johnston Blvd. @ Providence Rd.	W. Asheville	DP	2014013	37	2,000	\$814,150	\$8,150	\$0		14	07/01/26	07/01/27	Design in progress.
Jonestown Road @ Riverside Drive	Woodfin	TH	2018028	52	1,992	\$889,300	\$13,000	\$28,000		12	02/01/24	N/A	Design complete. Getting ready for plats.
Joyner Ave @ Amboy Rd	Asheville	SA	2021010	68	241	\$120,500	\$0	\$3,500		2	04/01/24	07/01/30	Preliminary Engineering in progress.
Kimberly Ave. @ Sedley Avenue	Asheville	TH	2018029	51	3,514	\$1,501,790	\$22,000	\$23,550		13	03/30/24	07/01/29	Design in progress.
Lakeview @ Glen Falls Rd.	N. Asheville	DP	2014007	22	3,070	\$1,535,500	\$6,000	\$0		28	07/01/29	07/01/31	Preliminary Engineering in progress.
Lincoln Avenue	Asheville	BD	2013103	26	1,415	\$612,170	\$2,870	\$0		0	N/A	07/01/31	Preliminary Engineering in progress.
Lining Contract No. 9	Various	DP	2017031	NA	24,450	\$2,155,900	\$400,000	\$1,755,900	19,450	0	N/A	Awarded	In construction.
Logan Avenue	W. Asheville	SA	2017256	48	2,150	\$1,089,500	\$11,500	\$13,200		12	07/01/25	07/01/27	Design in progress.
Manetta Rd. @ Johnson Dr.	N. Asheville	TH	2014022	31	5,340	\$2,772,837	\$320,594	\$43,000		10	07/01/27	07/01/30	Ready for survey for Phase 2.
McDowell St @ Lily Carmichael Dr.	Asheville	SA	2021011	30	1,660	\$721,500	\$0	\$0		0	N/A	07/01/31	Preliminary Engineering in progress.
Meadow Road @ Train Yard	Asheville	BD	2015207	37	2,001	\$1,628,500	\$7,000	\$0		3	07/01/27	07/01/28	Survey complete.
Montford Ave. @ Montford Park	Asheville	BD	2017144	50	1,258	\$544,700	\$6,500	\$9,400		11	07/01/24	07/01/25	Design in progress.
New Haw Creek Rd. @ Dogwood Grove	E. Asheville	SA	2014021	31	3,000	\$980,775	\$4,925	\$3,600		15	09/01/25	07/01/30	Design in progress.
New Stock Road	Buncombe County	DP	2015011	45	9,020	\$3,246,000	\$36,000	\$0		11	07/01/25	07/01/26	Design in progress.
Oakland Drive @ Church Street	Black Mountain	DP	2015177	27	575	\$244,000	\$0	\$0		4	07/01/30	07/01/31	Preliminary Engineering in progress.
Parkwood Ave.	Woodfin	TH	2021286	31	1,165	\$451,335	\$0	\$0		11	07/01/29	07/01/30	Preliminary Engineering in progress.
Riverview Drive	Asheville	BD	2013104	24	2,302	\$996,880	\$7,880	\$0		0	N/A	07/01/32	Preliminary Engineering in progress.
Rosewood Ave. @ Riverside Cemetery	Montford	BD	2019023	25	180	\$87,900	\$0	\$0		3	07/01/30	07/01/31	Preliminary Engineering in progress.
Royal Pines Drive - PRP 47009	Arden	SA	2007020	38	7,050	\$2,738,850	\$10,100	\$35,000		2	12/01/25	07/01/29	Design in progress.
Sand Hill Road @ Baker Place	W. Asheville	SA	2015223	56	1,600	\$988,450	\$12,300	\$122,150		9	01/01/24	07/01/24	Plats in progress.
Somerset Rd @ Greene Rd	South Asheville	TH	2021008	70	840	\$314,140	\$28,540	\$41,500		8	Delivered	07/01/24	In construction.
Sulphur Springs Rd. @ Covington St.	W. Asheville	DP	2014006	44	1,350	\$733,000	\$7,500	\$0		20	07/01/25	07/01/27	Design in progress.
Sweeten Creek Rd. @ Buck Shoals Rd.	S. Asheville	BD	2014015	51	1,558	\$782,170	\$67,922	\$48,348		4	Delivered	07/01/24	ROW complete.
Walnut St. @ N. Lexington Ave.	Asheville	DP	2017008	42	1,300	\$614,040	\$526	\$0		0	N/A	07/01/27	Preliminary Engineering in progress.
Waynesville Ave. @ Brownwood Ave.	W. Asheville	SA	2014183	28	3,022	\$1,406,000	\$0	\$0		47	10/01/25	07/01/30	Preliminary Engineering in progress. A portion of project constructed by SSD in conjunction with COA water.
SSD Rehab. & Replacement	Various	MS	2002101	N/A	200,000	\$51,425,000	\$4,600,000	\$5,142,500	15,000	N/A	N/A	Annual	Ongoing
Surveys for Design	Various	HC	2002060	N/A	N/A	\$500,000	\$17,200	\$50,000		N/A	N/A	Annual	Funds for transfer to new projects for surveying needs.
SUBTOTAL					337,526	\$104,449,202	\$6,986,530	\$9,930,098	39,235				

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PRIVATE SEWER REHABILITATION													
Homeland Park	Asheville	TH	2016248	48	921	\$605,380	\$7,250	\$25,000		19	06/30/24	07/01/26	Design complete. Getting ready for plats.
Old County Home Rd PSR	W. Asheville	SA	2015221	55	4,411	\$2,803,900	\$50,800	\$152,900		16	Delivered	07/01/25	ROW in process.
SUBTOTAL					5,332	\$3,409,280	\$58,050	\$177,900	0				

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TREATMENT PLANT, PUMP STATIONS & GENERAL CAPITAL IMPROVEMENTS													
Arc Flash Labeling	District-Wide	BD	2023008	N/A	0	\$1,013,000	\$181,000	\$75,000		NA	N/A	Awarded	Contract executed 9/28/23 and work begins in October.
Biological Treatment	MSD-Treatment Plant	DP	2016063	N/A	0	\$90,660,000	\$125,000	\$600,000		N/A	N/A	N/A	Alternatives Treatment Eval.in progress; Design FY 24-26; Construction FY 27-29
Building and Facility Rehabilitation	MSD-Treatment Plant	HC	2002068	N/A	0	\$600,000	\$60,000	\$60,000		N/A	N/A	N/A	Ongoing
Carrier Bridge PS Replacement	Asheville	DP	2019045	N/A	2,800	\$65,242,816	\$1,590,969	\$563,587		N/A	N/A	N/A	USACE/NCDEQ permit submitted March 2023. Design complete FY 23-24. Construction FY 24-27.
Collection System Master Plan Update	District-Wide	HC	2020011	N/A	0	\$299,550	\$49,550	\$0		N/A	N/A	04/01/24	RFQ advertisement Spring 2024 Advertisement will follow completion of County's Comprehensive Plan.
Equipment Storage Facility	MSD - Treatment Plant	DP	2020237	N/A	0	\$3,409,602	\$3,409,602	\$100,000		N/A	N/A	Awarded	Project complete.
Flow Monitoring	MSD-Treatment Plant	SA	2008013	N/A	0	\$540,000	\$50,000	\$90,000		N/A	N/A	Ongoing	Ongoing
HVAC Rehabilitation	MSD-Treatment Plant	HC	2020051	N/A	0	\$130,000	\$40,000	\$40,000		N/A	N/A	Ongoing	Ongoing
Hydroelectric Power Plant Rehab	MSD-Treatment Plant	TH	2021016	N/A	0	\$1,340,000	\$4,726	\$195,274		N/A	N/A	Awarded	Ongoing
Incinerator Rehabilitation FY24	MSD-Treatment Plant	DP	2022057	N/A	0	\$5,383,450	\$343,450	\$2,150,000		N/A	N/A	09/10/23	Heat exchanger and preheat burner system ordered. Incinerator shutdown scheduled for Jan/Feb 2024.
Int. Clarifier Eff. Trough Rehab	MSD - Treatment Plant	SA	2022024	N/A	0	\$1,109,000	\$257,000	\$852,000		N/A	N/A	Awarded	Phase 1 is ready for construction.
ITT Pump Station Upgrade	Henderson County	SA	2020061	N/A	0	\$1,181,500	\$0	\$125,000		N/A	N/A	N/A	Basis of design report in progress.
Mud Creek PS Replacement	Henderson County	TH	2021073	N/A	0	\$1,301,700	\$0	\$120,000		N/A	N/A	07/01/26	Design phase of preliminary construction (bypass discharge / panels)
Mull Bldg. HVAC Phase III	Asheville	TH	2021045	N/A	0	\$218,000	\$0	\$218,000		N/A	N/A	09/10/23	In advertisement. Bid date is November 2nd.
MSD Board Room Improvements	MSD Mull Bldg.	TH	2023046	N/A	0	\$190,000	\$0	\$190,000		N/A	N/A	N/A	Ongoing
Plant Headworks Switchgear Improvements	MSD-Treatment Plant	TH	2023010	N/A	0	\$60,000	\$0	\$60,000		N/A	N/A	12/17/2023	Design in progress.
Plant High Rate Primary Treatment	MSD-Treatment Plant	HC	2015054	N/A	0	\$17,271,979	\$17,111,979	\$160,000		N/A	N/A	Awarded	Construction complete. Veolia on site optimizing Actiflo System.
Plant NPW Filter System	Asheville	SA	2023011	N/A	0	\$200,000	\$0	\$0		N/A	N/A	07/01/24	Preliminary Engineering in progress.
RBC Removal	MSD-Treatment Plant	HC	2023029	N/A	0	\$458,241	\$0	\$458,241		N/A	N/A	08/20/23	Ready for construction.
RBC Slide Gate Replacement	Asheville	SA	2021026	N/A	0	\$950,350	\$750,350	\$200,000		N/A	N/A	Awarded	Project is complete.
Sand Hill Rd Odor Control Station	Asheville	TH	2023054	N/A	N/A	\$75,000	\$0	\$75,000		N/A	N/A	08/20/23	In advertisement. Bid date is October 26th.
Solids Handling Capacity Improvements	MSD-Treatment Plant	HC	2019087	N/A	0	\$55,315,000	\$0	\$0		N/A	N/A	07/01/25	Future project.
Solids Handling PER	MSD-Treatment Plant	DP	2023048	N/A	0	\$453,300	\$53,300	\$400,000		N/A	N/A	N/A	PER in progress.
South Storage Building	Arden	DP	2023009	N/A	0	\$385,000	\$0	\$0		N/A	N/A	07/01/25	Preliminary Engineering in progress.
Weaverville PS Replacement	Weaverville	SA	2019080	N/A	18,174	\$22,166,910	\$1,284,810	\$1,520,100		N/A	N/A	11/05/23	Construction to begin Summer, 2024.
General Capital Equipment	Varies	HC	2016072	N/A	0	\$1,500,000	\$150,000	\$150,000		N/A	N/A	N/A	Ongoing
SUBTOTAL					20,974	\$271,454,398	\$25,461,736	\$8,402,202	0				