

**METROPOLITAN SEWERAGE DISTRICT
OF BUNCOMBE COUNTY, NORTH CAROLINA**
TEN YEAR CAPITAL IMPROVEMENT PROGRAM
STATUS REPORT
April 2021

PROJECT NAME	LOCATION OF PROJECT	PROJ. MGR.	PROJECT NUMBER	PIPE RATING	PROJECT FOOTAGE	TOTAL ESTIMATED COST	TOTAL EST. EXPENDS THRU FY 20	FY 20-21		PLATS	PLATS DUE DATE	ADVERTISE DATE	STATUS / COMMENTS
								BUDGET	FOOTAGE				
INTERCEPTOR AND WET WEATHER REHABILITATION													
AB Tech Equalization Tank	Asheville	HC	2019047	N/A	0	\$14,250,000	\$0	\$0		N/A	N/A	TBA	Future project
Christian Creek Interceptor	Buncombe County	HC	2011110	24	12,226	\$5,869,424	\$235,710	\$3,792,303	8,200	28	Delivered	07/01/21	ROW in progress with two condemnations, NS and Patel. Anticipated advertisement date July 2021.
Lower Swannanoa Interceptor	Asheville	EB/HC	2004040	9	6,500	\$6,822,717	\$203,717	\$0		2	07/01/24	07/01/26	Future project.
Mud Creek Interceptor - Ph. 3	Henderson County	HC	2020010	NA	9,200	\$4,254,500	\$0	\$46,000		14	07/01/23	07/01/25	Survey to begin April 2021.
South French Broad Relief Int.	Buncombe County	HC	2017070	N/A	36,330	\$31,258,500	\$95,000	\$50,000		5	07/01/23	07/01/26	Survey complete. Archeology study underway. Prelim design in progress.
Swannanoa Equalization Tank	Swannanoa	HC	2019046	N/A	0	\$22,556,500	\$0	\$27,500		N/A	N/A	TBA	Future project. Site evaluation in progress.
SUBTOTAL					64,256	85,011,641	\$534,427	\$3,915,803	8,200				

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GENERAL SEWER REHABILITATION													
Albemarle Commons PS Elimination	Asheville	TH	2018171	N/A	832	\$274,130	\$3,130	\$0		2	09/01/21	07/01/23	Design in progress.
Arlington St. @ Furman Ave.	Asheville	TH	2020021	24	310	\$130,000	\$0	\$0		1	TBD	TBD	Future
Atkins Street	Arden	HC	2014012	39	1,833	\$698,330	\$5,480	\$0		3	07/01/26	07/01/27	Design in progress.
Aurora Drive	Asheville	DP	2017145	53	2,605	\$1,183,000	\$14,000	\$60,500		7	Delivered	07/01/21	ROW begins Winter 2021
Beale Road at Copney Lane	Asheville	DP	2009129	47	4,027	\$1,572,925	\$31,925	\$125,000		16	07/01/21	07/01/23	Design in progress. Project pushed out to FY 23-24.
Bellevue Road	S. Asheville	DP	2015175	49	1,100	\$503,600	\$9,600	\$7,000		9	07/01/21	07/01/22	Design in progress.
Bent Tree Road	Asheville	DP	2016102	60	1,654	\$855,500	\$17,500	\$92,000		5	Delivered	07/01/21	ROW complete.
Braddock Way - PRP 20002	Asheville	TH	2006025	36	3,848	\$1,680,940	\$18,353	\$0		5	07/01/26	07/01/28	Design in progress.
Bryson Street	Biltmore Village	SA	2016167	N/A	210	\$203,300	\$0	\$203,300	210	0	11/01/21	01/10/22	ROW in progress.
Buchanan Ave.	Asheville	SA	2014023	51	2,255	\$1,122,900	\$34,400	\$87,000		9	06/25/21	07/01/22	Design in progress.
Caledonia Road	Asheville	HC	2014153	65	1,225	\$1,302,850	\$365,600	\$1,500		8	07/01/21	07/01/22	Final Design in progress.
Central Ave. @ I-240	Asheville	SA	2014180	35	990	\$429,500	\$0	\$0		1	07/01/28	07/01/29	Preliminary Engineering in progress.
Chatham Road	Asheville	SA	2015019	43	1,330	\$648,700	\$4,800	\$0		6	06/01/21	07/01/26	Design in progress.
Cherokee Road	Asheville	DP	2009132	48	1,960	\$867,680	\$24,680	\$1,000		10	07/01/21	07/01/22	Design in progress.
Chestnut Lodge Rd.	Black Mountain	SA	2014017	61	4,560	\$1,928,700	\$146,700	\$1,782,000	4,560	19	Delivered	Awarded	In construction
Cub Road	Asheville	TH	2018027	40	1,204	\$457,000	\$0	\$0		12	07/01/25	07/01/27	Preliminary Engineering in progress.
East Chestnut Ave @ Five Points	N. Asheville	SA	2015192	36	5,225	\$1,822,050	\$54,000	\$0		23	11/01/21	07/01/27	Design in progress.
Elk Mountain Place	Woodfin	HC	2010094	48	4,101	\$1,448,750	\$18,000	\$55,000		34	Delivered	07/01/24	Final Design in progress.

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GENERAL SEWER REHABILITATION continued...													
Fairmont Road	N. Asheville	DP	2015017	31	3,900	\$1,654,000	\$0	\$0		11	07/01/28	07/01/29	Preliminary Engineering in progress.
Forestdale Drive	S. Asheville	DP	2014002	33	2,600	\$931,000	\$0	\$0		24	07/01/27	07/01/28	Preliminary Engineering in progress.
Four Inch Main - Patton Hill Rd.	Swannanoa	OH	2016100	27	618	\$296,910	\$2,910	\$294,000	618	0	N/A	Awarded	Construction complete.
Harmony Lane	Asheville	DP	2016103	35	670	\$190,000	\$0	\$0		0	N/A	07/01/29	Preliminary Engineering in progress.
Hazel Mill Rd @ Richland St.	Asheville	SA	2014016	26	3,300	\$1,236,700	\$0	\$0		14	07/01/24	07/01/29	Preliminary Engineering in progress.
Highland Farms Road	Black Mountain	HC	2018018	70	820	\$285,000	\$6,450	\$32,500		1	Delivered	07/01/21	ROW in progress. Construction to be completed by MSD System Services.
Hill Street @ Cross Place	Asheville	TH	2016249	44	254	\$90,500	\$1,525	\$0		2	07/01/23	07/01/25	Preliminary Engineering in progress.
Horizon Hill Rd. (Hy-Vu Drive)	Asheville	SA	2008084	51	713	\$285,444	\$10,444	\$275,000	713	1	Delivered	Awarded	Construction complete.
Howland Rd. @ Sunset Trail	Asheville	DP	2012134	43	994	\$471,600	\$7,500	\$0		5	07/01/25	07/01/26	Design in progress.
Jarnaul Avenue	N. Asheville	HC	2016104	75	4,684	\$1,909,250	\$238,163	\$1,671,212	4,684	34	Delivered	Awarded	Phase 2 is in construction with anticipated completion May 2021. Phase 1 is complete.
Johnston Blvd. @ Providence Rd.	W. Asheville	DP	2014013	37	2,000	\$629,150	\$8,150	\$0		14	07/01/26	07/01/27	Design in progress.
Jonestown Road @ Riverside Drive	Woodfin	TH	2018028	42	1,890	\$620,500	\$0	\$0		12	07/01/23	NA	System Services will be doing this work
Kimberly Ave. @ Sedley Avenue	Asheville	TH	2018029	35	3,005	\$1,233,000	\$0	\$0		13	07/01/27	07/01/29	Preliminary Engineering in progress.
Le An Hurst Road	Asheville	TH	2019027	77	820	\$346,000	\$9,000	\$98,000		12	Delivered	07/01/22	ROW in progress.
Lincoln Avenue	Asheville	HC	2013103	26	1,415	\$540,370	\$2,870	\$0		0	N/A	TBD	Future project.
Logan Avenue	W. Asheville	SA	2017256	48	1,884	\$758,500	\$11,500	\$0		12	01/01/22	07/01/23	Design in progress.
Lynn Cove Road	Beaverdam	DP	2015010	35	5,589	\$1,851,000	\$0	\$0		28	07/01/26	07/01/28	Preliminary Engineering in progress.
Manetta Rd. @ Johnson Dr.	N. Asheville	SA	2014022	26	6,500	\$2,537,700	\$0	\$0		10	07/01/24	07/01/27	Phase 1 design in progress (coordinating with COA paving on Ottari Road).
Manetta Rd. @ Maywood Rd.	Asheville	TH	2020022	51	605	\$255,500	\$0	\$8,000		10	07/01/21	07/01/23	Design in progress.
Meadow Road @ Train Yard	Asheville	HC	2015207	37	2,001	\$1,036,000	\$9,000	\$0		4	07/01/27	07/01/28	Survey complete.
Montford Ave. @ Montford Park	Asheville	HC	2017144	50	1,258	\$514,150	\$0	\$6,300		9	07/01/23	07/01/24	Survey in progress.
Mountainbrook Rd. @ Chunns Cove	Asheville	DP	2010112	55	2,984	\$1,053,015	\$21,015	\$175,000		14	Delivered	07/01/21	ROW in progress.
New Haw Creek Rd. @ Dogwood Grove	E. Asheville	SA	2014021	31	1,900	\$702,900	\$9,500	\$0		11	09/25/24	07/01/29	Design in progress.
New Stock Road	Woodfin	DP	2015011	45	9,020	\$2,661,000	\$36,000	\$0		11	07/01/24	07/01/25	Design in progress.
Northwest Ave. @ No. 215	Swannanoa	HC	2018017	84	252	\$121,550	\$6,350	\$30,500		2	Delivered	07/01/21	ROW complete. Construction to be completed by MSD System Services.

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GENERAL SEWER REHABILITATION continued...													
Oakland Drive @ Church Street	Black Mountain	DP	2015177	27	575	\$207,000	\$0	\$0		4	07/01/28	07/01/29	Preliminary Engineering in progress.
Riverside Dr. @ Riverside Baptist	Asheville	TH	2016251	40	510	\$232,500	\$0	\$0		1	07/01/26	07/01/28	Preliminary Engineering in progress.
Rosewood Ave. @ Riverside Cemetery	Montford	HC	2019023	25	180	\$79,150	\$0	\$0		3	TBD	TBD	Future project.
Royal Pines Drive - PRP 47009	Arden	SA	2007020	35	2,888	\$1,099,100	\$10,100	\$0		2	07/01/22	07/01/21	Design in progress.
Sand Hill Road @ Baker Place	W. Asheville	SA	2015223	56	1,100	\$390,700	\$7,000	\$1,500		0	N/A	07/01/25	Survey in progress.
S. Main St. @ Reems Creek Rd.	Weaverville	HC	2017012	51	565	\$241,050	\$6,550	\$52,000		5	Delivered	07/01/21	ROW begins Spring 2021. Construction to be completed by MSD System Services.
Springside Rd. @ Overlook Rd.	S. Asheville	SA	2012127	65	3,922	\$1,437,887	\$77,487	\$0		7	Delivered	03/28/21	Bid opening is scheduled for April 29th.
Sulphur Springs Rd. @ Covington St.	W. Asheville	DP	2014006	44	1,350	\$528,000	\$7,500	\$0		20	07/01/25	07/01/26	Design in progress.
Sweeten Creek Rd. @ Buck Shoals Rd.	S. Asheville	HC	2014015	51	1,558	\$628,170	\$5,640	\$6,600		3	07/01/21	07/01/22	SS completed portion of this project on Buck Shoals Road. Remainder in final design.
Sweeten Creek Rd. @ Mills Gap Rd.	Asheville	SA	2014189	16	2,572	\$1,253,500	\$28,000	\$134,500		5	07/01/21	07/01/23	Design in progress.
Toxaway Street	W. Asheville	SA	2019004	51	722	\$286,600	\$4,000	\$1,000		1	12/17/21	07/01/23	Design in progress.
Walnut St. @ N. Lexington Ave.	Asheville	DP	2017008	42	1,550	\$663,500	\$0	\$0		0	N/A	07/01/24	Preliminary Engineering in progress.
Walnut Street @ Rankin Ave.	Asheville	SA	2014018	54	500	\$1,760,300	\$1,357,300	\$403,000	500	0	N/A	Awarded	Construction is complete. Cost sharing with City of Asheville.
Waynesville Ave. @ Brownwood Ave.	W. Asheville	SA	2014183	33	3,022	\$1,370,750	\$0	\$0		47	07/01/23	07/01/25	Preliminary Engineering in progress. A portion of project constructed by SSD in conjunction with COA water.
West Crabapple Lane	W. Asheville	DP	2014005	67	1,774	\$644,800	\$110,300	\$69,000		12	Delivered	07/01/21	ROW complete.
White Oak Road	Arden	DP	2015193	3	N/A	\$48,000	\$0	\$48,000	N/A	3	07/01/21	In-House	ROW in progress.
Wildwood Park	Weaverville	HC	2015194	27	582	\$223,780	\$2,380	\$0		0	N/A	TBD	Future project
SSD Rehab. & Replacement	Various	MS	2002101	N/A	200,000	\$46,000,000	\$4,600,000	\$4,675,000	20,000	N/A	N/A	Annual	Ongoing
Surveys for Design	Various	EB	2002060	N/A	N/A	\$500,000	\$0	\$50,000		N/A	N/A	Annual	Funds for transfer to new projects for surveying needs.
Future Projects - Non Critical	Various	EB	Varies	Varies	Varies	Varies	\$0	\$0		N/A	N/A	Annual	Ongoing
SUBTOTAL					322,315	\$96,935,381	\$7,344,802	\$10,445,412	31,285				

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PRIVATE SEWER REHABILITATION													
Homeland Park	Asheville	TH	2016248	48	921	\$478,750	\$7,250	\$0		19	07/01/23	07/01/25	Design in progress.
Old County Home Rd PSR	W. Asheville	SA	2015221	67	4,600	\$1,815,400	\$20,000	\$14,400		14	08/01/21	07/01/23	Design in progress.
SUBTOTAL					5,521	\$2,294,150	\$27,250	\$14,400	0				

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TREATMENT PLANT, PUMP STATIONS & GENERAL CAPITAL IMPROVEMENTS													
Biological Treatment	MSD-Treatment Plant	HC	2016063	N/A	0	\$45,640,000	\$0	\$0		N/A	N/A	N/A	Technology evaluation FY23; Design FY24-26; Construction FY27-29
Building and Facility Rehabilitation	MSD-Treatment Plant	HC	2002068	N/A	0	\$509,500	\$101,000	\$79,000		N/A	N/A	N/A	Ongoing
Carrier Bridge PS Replacement	Asheville	DP	2019045	N/A	770	\$28,099,375	\$451,375	\$1,703,000		N/A	N/A	N/A	Design in progress. Major changes to pump station and gravity line design. To be completed Spring 2022.
Collection System Master Plan Update	District-Wide	HC	2020011	N/A	0	\$200,000	\$0	\$0		N/A	N/A	07/01/23	RFQ advertisement Spring 2023.
Flow Monitoring	MSD-Treatment Plant	SA	2008013	N/A	0	\$541,905	\$425,156	\$50,000		N/A	N/A	Ongoing	Ongoing
HVAC Rehabilitation	MSD-Treatment Plant	HC	2020051	N/A	0	\$519,000	\$0	\$52,500		N/A	N/A	Awarded	Ongoing
Incinerator Polymer System Replacement	MSD-Treatment Plant	HC	2019071	N/A	0	\$200,000	\$0	\$200,000		N/A	N/A	07/01/21	Prelim Design in progress
ITT Pump Station Upgrade	Henderson County	HC	2020061	N/A	0	\$988,000	\$0	\$0		N/A	N/A	N/A	Future project.
Mull Bldg. HVAC	Asheville	HC	2018186	N/A	0	\$584,725	\$267,725	\$317,000		N/A	N/A	Awarded	Phase 2 is complete
Plant High Rate Primary Treatment	MSD-Treatment Plant	HC	2015054	N/A	0	\$16,834,138	\$9,957,138	\$6,877,000		N/A	N/A	Awarded	In construction. Fire-damaged equipment was re-ordered December 2020. New completion date August 2021.
Solids Handling Capacity Improvements	MSD-Treatment Plant	HC	2019087	N/A	0	\$2,052,000	\$0	\$0		N/A	N/A	07/01/23	RFQ advertisement Spring 2022. Construction FY 24.
Weaverville PS Replacement	Weaverville	SA	2019080	N/A	16,610	\$7,828,750	\$0	\$20,000		N/A	N/A	07/01/23	Design FY22; Construction FY23-24. Preliminary engineering study in progress.
General Capital Equipment	Varies	EB	2016072	N/A	0	\$1,500,000	\$150,000	\$150,000		N/A	N/A	N/A	Ongoing
SUBTOTAL					17,380	\$105,497,393	\$11,352,394	\$9,448,500	0				