

**METROPOLITAN SEWERAGE DISTRICT
OF BUNCOMBE COUNTY, NORTH CAROLINA**
TEN YEAR CAPITAL IMPROVEMENT PROGRAM
STATUS REPORT
October 2017

PROJECT NAME	LOCATION OF PROJECT	PROJ. MGR.	PROJECT NUMBER	PIPE RATING	PROJECT FOOTAGE	TOTAL ESTIMATED COST	TOTAL EST. EXPENDS THRU FY 17	FY 17-18		PLATS	PLATS DUE DATE	ADVERTISE DATE	STATUS / COMMENTS
								BUDGET	FOOTAGE				
INTERCEPTOR AND WET WEATHER REHABILITATION													
Christian Creek Int.	Buncombe Co.	HC	2011110	24	12,340	\$4,330,094	\$34,232	\$23,500		21	01/01/18	07/01/19	Final Design in progress.
Dingle Creek Interceptor	Asheville	OH	2006010	15	7,871	\$2,783,698	\$98,358	\$0		10	Delivered	07/01/25	Plans & ROW completed; Permits acquired. Appl. For Work permit on US Park Service (one condemnation)
Lower Swannanoa Int.	Asheville	EB	2004040	9	6,475	\$5,478,400	\$14,879	\$0		2	TBD	TBD	This project is funded starting in year 11 of the CIP.
Middle Beaverdam Crk. @ US 19-23	Woodfin	OH	2010002	24	2,930	\$1,293,650	\$7,430	\$0		8	TBD	TBD	Design complete. Ready for ROW.
South French Broad Relief Int.	Buncombe County	HC	2017070	N/A	34,865	\$16,719,000	\$0	\$0		16	07/01/20	07/01/21	RFQ in progress. Survey to be completed July 2018.
South French Broad Int. - Lining	Biltmore Estate	HC	2011033	8	21,950	\$5,429,236	\$1,359,236	\$1,703,000	6,631	0	N/A	08/27/17	Bid on 9/28/17. Proposed board approval 10/18/17 and construction to begin 1/1/18.
Beaverdam Creek WW (CDM #10)	Buncombe Co.	EB	2001191	27	5,500	\$1,451,000	\$0	\$0		TBA	TBA	TBA	TBA
South Swannanoa WW (CDM #4)	Asheville	EB	2001195	23	8,040	\$2,939,600	\$0	\$0		TBA	TBA	TBA	TBA
SUBTOTAL					99,971	40,424,678	\$1,514,135	\$1,726,500	6,631				

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GENERAL SEWER REHABILITATION													
Adams Street	Asheville	SA	2012126	46	2,550	\$756,200	\$12,000	\$500		19	09/01/18	07/01/19	Design in progress.
Arlington Street	Asheville	DP	2015008	20	2,600	\$747,000	\$0	\$0		0	N/A	07/01/22	Preliminary Engineering in progress.
Asheville Country Club (SS)	Asheville	SA	2012130	47	0	\$174,503	\$100,003	\$74,500		13	Delivered	SS to construct	ROW in progress. Anticipate 2 condemnations.
Atkins Street	Arden	HC	2014012	39	1,833	\$518,430	\$5,480	\$0		3	07/01/19	07/01/21	Design in progress.
Battery Park Alley	Downtown Asheville	SA	2016107	17	250	\$75,300	\$0	\$0		N/A	N/A	07/01/26	Preliminary Engineering in progress.
Beale Road at Copney Lane	Asheville	DP	2009129	47	4,027	\$1,178,925	\$15,725	\$15,000		14	07/01/18	07/01/19	Design in progress.
Bear Creek Rd. at School Rd.	W. Asheville	SA	2011117	23	2,800	\$790,600	\$7,900	\$0		18	03/01/21	07/01/23	Design in progress.
Beaucatcher Rd @ Kenilworth Rd	E. Asheville	SA	2015219	43	1,370	\$395,700	\$13,000	\$0		0	N/A	07/01/20	Survey in progress.
Bellevue Road	South Asheville	DP	2015175	49	1,700	\$446,000	\$3,000	\$5,000		8	07/01/18	07/01/19	Design in progress.
Bent Tree Road	Asheville	DP	2016102	60	925	\$281,250	\$0	\$4,500		4	07/01/18	07/01/19	Preliminary Engineering in progress.
Broadway St. at Bordeaux Place	Asheville	DP	2009034	14	475	\$281,250	\$13,069	\$0		2	Delivered	07/01/22	Re-design; property owner request.
Buchanan Ave.	Asheville	SA	2014023	51	2,750	\$836,900	\$0	\$28,000		9	06/01/19	07/01/24	Preliminary Engineering in progress.
Caledonia Road	Asheville	HC	2014153	31	2,491	\$795,000	\$10,000	\$0		8	07/01/20	07/01/22	Survey in progress.
Central Ave. @ I-240	Asheville	SA	2014180	12	990	\$334,100	\$0	\$0		1	06/01/21	07/01/24	Preliminary Engineering in progress.
Chatham Road	Asheville	SA	2015019	29	1,450	\$401,200	\$13,000	\$0		6	12/01/20	07/01/24	Design in progress.
Cherokee Road	Asheville	DP	2009132	48	1,960	\$615,200	\$19,970	\$4,230		10	Delivered	07/01/18	Design in progress.
Chestnut Lodge Rd.	Black Mtn.	SA	2014017	61	4,150	\$1,027,600	\$22,500	\$56,500		19	01/01/18	07/01/19	Design in progress.
Commerce Street	Asheville	SA	2012129	47	530	\$171,900	\$3,500	\$168,400	530	0	N/A	Awarded	In construction.
Cumberland Ave.	Asheville	HC	2014014	12	4,587	\$1,293,450	\$18,250	\$0		0	N/A	07/01/26	Design in progress.
East Chestnut Ave @ Five Points	N. Asheville	SA	2015192	31	5,225	\$1,643,800	\$0	\$268,000		23	01/01/21	07/01/22	Preliminary Engineering in progress.

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GENERAL SEWER REHABILITATION continued...													
Elk Mountain Place	Woodfin	HC	2010094	48	4,101	\$890,250	\$18,000	\$22,000		30	06/30/18	07/01/20	Final Design in progress.
Elk Park Drive - PRP 35001	Woodfin	SA	2006028	10	2,242	\$550,046	\$50,046	\$0		15	Delivered	07/01/26	Ready for construction.
Elkwood Ave.	Woodfin	HC	2011080	66	4,736	\$1,443,050	\$13,250	\$1,429,800	4,736	3	Delivered	Awarded	Construction to begin in November.
Elkwood @ Norman Austin Dr.	Woodfin	DP	2014008	13	600	\$178,100	\$0	\$0		2	07/01/24	07/01/26	Preliminary Engineering in progress.
Fairmont Road	N. Asheville	DP	2015017	31	3,600	\$1,094,250	\$15,000	\$0		9	07/01/20	07/01/22	Preliminary Engineering in progress.
Forestdale Drive	S. Asheville	DP	2014002	33	2,600	\$843,000	\$0	\$0		22	07/01/20	07/01/22	Preliminary Engineering in progress.
Forest Hill Dr. @ Warwick Rd.	Asheville	SA	2014020	14	3,400	\$973,600	\$0	\$0		0	N/A	07/01/26	Preliminary Engineering in progress.
Four Inch Main - College Street	Asheville	SA	2012128	10	1,000	\$436,200	\$0	\$0		2	08/01/22	07/01/26	Preliminary Engineering in progress.
Four Inch Main - Dry Ridge Rd.	Asheville	DP	2012009	58	908	\$312,100	\$13,658	\$24,942		3	Delivered	07/01/20	ROW in progress. Anticipate 1 condemnation.
Four Inch Main - Patton Hill Rd.	Swannanoa	OH	2016100	87	600	\$247,500	\$0	\$247,500	600	0	N/A	01/28/18	Ready for construction. Bids on 3/1/18.
Harmony Lane	Asheville	DP	2016103	35	670	\$125,000	\$0	\$0		0	N/A	07/01/23	Preliminary Engineering in progress.
Hazel Mill Rd @ Richland St.	Asheville	SA	2014016	26	3,300	\$950,700	\$0	\$0		14	07/01/21	07/01/23	Preliminary Engineering in progress.
Hendersonville Rd @ Blake Drive	South Asheville	DP	2015176	71	1,090	\$280,658	\$8,458	\$272,200	1,090	0	N/A	10/29/17	Design in progress.
Hendersonville Rd. @ Peachtree Rd.	S. Asheville	DP	2012135	56	1,100	\$353,450	\$7,200	\$346,250	1,100	0	N/A	Awarded	In construction
Hendersonville Rd. @ Rosscraggon Ph. 2	Arden	OH	2009150	68	4,163	\$1,711,249	\$237,580	\$1,473,669	4,163	22	Delivered	11/19/17	ROW complete.
Hill Street	Asheville	SA	2015018	39	1,600	\$452,600	\$9,000	\$1,000		0	N/A	07/01/18	Design in progress.
Hill Street @ Cross Place	Asheville	OH	2016249	18	254	\$68,750	\$0	\$0		2	07/01/18	TBD	Design in progress.
Horizon Hill Rd. (Hy-Vu Drive)	Asheville	SA	2008084	51	713	\$228,444	\$10,444	\$0		1	Delivered	07/01/19	Ready for construction.
Howland Rd. @ Sunset Trail	Asheville	DP	2012134	43	1,033	\$391,600	\$7,500	\$0		4	07/01/19	07/01/21	Design in progress.
Jarnaul Avenue	N. Asheville	HC	2016104	75	5,330	\$1,497,700	\$18,500	\$0		34	07/01/19	07/01/21	Design in progress.
Johnston Blvd. @ Providence Rd.	W. Asheville	DP	2014013	37	2,000	\$544,150	\$8,150	\$0		12	07/01/19	07/01/21	Design in progress.
Jonestown Road	Woodfin	OH	2014178	74	3,415	\$929,405	\$79,387	\$850,018	3,415	19	Delivered	11/19/17	Ready for construction.
Kenilworth @ Springdale Rd.	Asheville	HC	2014010	42	2,135	\$564,350	\$6,800	\$0		11	07/01/19	07/01/21	Survey complete.
Lakeshore Dr. @ Merrimon Ave.	N. Asheville	HC	2014177	25	362	\$204,800	\$8,023	\$0		9	07/01/20	07/01/25	SS has completed construction on a portion of this project. Remainder of project is in preliminary design.
Lakeview @ Glen Falls Rd.	N. Asheville	DP	2014007	15	4,200	\$1,380,500	\$0	\$0		18	07/01/23	07/01/26	Preliminary Engineering in progress.
Lakewood Drive @ Dudley	Asheville	HC	2015016	16	280	\$97,200	\$0	\$0		3	07/01/24	07/01/26	Preliminary Engineering in progress.
Laurel Road - Ph. 2	Arden	HC	2007321	22	1,496	\$401,307	\$21,307	\$0		8	Delivered	07/01/25	Ready for construction.
Lincoln Ave.	Asheville	HC	2013103	26	1,415	\$397,870	\$2,870	\$0		0	N/A	07/01/24	Design in progress.
Lining Contract No. 9	Various	DP	2017031	NA	11,000	\$1,102,000	\$0	\$200,000		0	N/A	07/01/18	Preliminary Engineering in progress.
Long Shoals Rd. @ Allen Ave.	Arden	HC	2010013	59	1,176	\$297,925	\$17,025	\$82,000		8	Delivered	07/01/18	ROW in progress.
Louisiana Avenue	West Asheville	DP	2015174	12	2,150	\$640,000	\$0	\$0		0	N/A	07/01/26	Preliminary Design in progress.
Louisiana Ave. @ Brucemont Circle	Asheville	DP	2010100	66	1,420	\$649,785	\$14,865	\$634,920	1,420	4	Delivered	Awarded	In construction
Lower Glendale Ave.	E. Asheville	HC	2012083	15	2,716	\$873,150	\$6,650	\$0		8	07/01/24	07/01/26	Preliminary design in progress.
Lower Melody Lane	E. Asheville	DP	2013027	19	1,180	\$349,500	\$3,500	\$0		10	07/01/23	07/01/25	Design in progress.
Lynn Cove Road	Beaverdam	DP	2015010	31	5,589	\$1,547,000	\$25,000	\$0		20	07/01/21	07/01/23	Preliminary Engineering in progress.
Manetta Rd. @ Johnson Dr.	N. Asheville	SA	2014022	26	6,500	\$1,917,700	\$0	\$0		10	09/01/21	07/01/23	Preliminary Engineering in progress.
Meadow Road @ Train Yard	Asheville	HC	2015207	37	1,800	\$603,000	\$9,000	\$0		2	07/01/20	07/01/22	Survey complete.
Memory Lane	Asheville	OH	2016099	56	1,900	\$552,250	\$6,700	\$545,550	1,900	5	Delivered	01/07/18	ROW in progress.
Mitchell Avenue	W. Asheville	SA	2014185	17	3,360	\$1,008,300	\$0	\$0		5	06/01/22	07/01/25	Preliminary Engineering in progress.
Mountainbrook Rd. @ Chunns Cove Rd.	Asheville	DP	2010112	55	2,800	\$771,515	\$14,090	\$6,925		2	07/01/18	07/01/19	Design in progress.
Mountainview Road	E. Asheville	HC	2014011	65	1,764	\$479,578	\$37,378	\$442,200	1,764	6	Delivered	01/07/18	Ready for construction. Bids on 2/1/18.

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								BUDGET	FOOTAGE				
GENERAL SEWER REHABILITATION continued...													
New Haw Creek Rd. @ Dogwood Grove	E. Asheville	SA	2014021	46	1,900	\$531,500	\$9,500	\$7,600		11	02/21/19	07/01/20	Design in progress.
New Haw Creek @ Water Booster Station	Asheville	OH	2016250	80	90	\$31,600	\$0	\$1,000		1	07/01/18	07/01/20	Design in progress.
New Stock Road	Woodfin	DP	2015011	45	9,020	\$2,402,500	\$36,000	\$6,500		5	07/01/19	07/01/20	Preliminary Engineering in progress.
New Walnut St. @ Riverside Dr.	Asheville	DP	2017007	63	1,180	\$368,000	\$0	\$13,000		10	07/01/18	07/01/19	Preliminary Engineering in progress.
North Lexington @ I-240	Asheville	SA	2014182	47	450	\$163,970	\$2,570	\$2,000		0	N/A	07/01/20	Design in progress.
North Market Street	Asheville	SA	2014019	41	1,064	\$352,000	\$5,300	\$0		1	01/01/18	07/01/21	Design in progress.
Oakland Dr @ Church Street	Black Mountain	DP	2015177	27	575	\$171,000	\$0	\$0		18	07/01/20	07/01/21	Preliminary Engineering in progress.
Old Haw Creek Rd. @ Greenbriar Rd.	E. Asheville	HC	2012109	56	3,755	\$971,000	\$28,500	\$95,000		14	Delivered	07/01/18	ROW in progress.
Old West Chapel Rd.	Asheville	DP	2014004	53	5,200	\$1,344,000	\$48,000	\$79,000		16	Delivered	07/01/18	ROW in progress.
Point Repair Contract No. 2	Various	SA	2017033	N/A	0	\$250,000	\$0	\$250,000		0	N/A	Awarded	In construction
Riverside Dr @ Norton Dr	N. Asheville	SA	2015222	16	700	\$233,700	\$0	\$0		3	09/01/21	07/01/26	Preliminary Engineering in progress.
Riverside Dr. @ Riverside Baptist	Asheville	OH	2016251	N/A	510	\$168,450	\$0	\$0		1	07/01/18	07/01/24	Design in progress.
Riverview Drive	Asheville	HC	2013104	24	2,302	\$649,480	\$7,880	\$0		0	N/A	07/01/25	Preliminary Design in progress.
Royal Pines Drive - PRP 47009	Arden	SA	2007020	35	2,888	\$841,000	\$10,100	\$0		2	01/01/20	07/01/21	Design in progress.
Sand Hill Rd @ Baker Place	W. Asheville	SA	2015223	22	550	\$165,500	\$0	\$0		0	N/A	07/01/25	Preliminary Engineering in progress.
School Rd. @ Cranford Rd.	W. Asheville	SA	2014184	61	361	\$112,000	\$500	\$111,500	361	0	N/A	01/28/18	Ready for construction. Bids 3/1/18.
Sheppard Drive	W. Asheville	OH	2014152	71	570	\$151,450	\$5,660	\$145,790	570	1	Delivered	01/28/18	Ready for construction. Bids 3/1/18.
S. Main St. @ Reems Creek Rd.	Weaverville	HC	2017012	51	565	\$164,700	\$0	\$0		4	07/01/18	07/01/20	Preliminary Engineering in progress.
Springside Rd. @ Overlook Rd.	S. Asheville	SA	2012127	52	4,500	\$1,214,800	\$21,000	\$9,800		13	06/01/18	07/01/19	Design in progress.
Starnes Avenue	Asheville	HC	2014154	22	2,871	\$892,100	\$0	\$0		4	07/01/23	07/01/25	Preliminary Engineering in progress.
Stratford Road	N. Asheville	DP	2015013	16	1,770	\$485,500	\$0	\$0		16	07/01/24	07/01/26	Preliminary Engineering in progress.
Sulphur Springs Rd. @ Covington St.	W. Asheville	DP	2014006	44	1,350	\$421,000	\$5,500	\$8,000		13	07/01/18	07/01/19	Preliminary Engineering in progress.
Sutton Avenue	Black Mtn.	DP	2014003	48	3,700	\$1,051,000	\$15,000	\$1,036,000	3,700	0	N/A	09/24/17	Ready for construction. In advertisement.
Sweeten Creek @ Buck Shoals	S. Asheville	HC	2014015	51	918	\$288,920	\$4,670	\$6,250		3	06/30/18	07/01/19	SS completed portion of this project on Buck Shoals Road. Remainder in final design.
Sweeten Creek @ Mills Gap	Asheville	SA	2014189	46	2,325	\$676,300	\$0	\$24,000		5	08/01/19	07/01/20	Preliminary Engineering in progress.
Sweeten Creek Rd. @ Weston Rd.	S. Asheville	SA	2014187	30	1,775	\$469,400	\$0	\$0		2	02/01/21	07/01/22	Preliminary Engineering in progress.
Upper Grassy Br. Rd. @ Maxwell Rd.	E. Asheville	SA	2010096	25	1,000	\$264,710	\$5,210	\$0		3	03/01/20	07/01/25	Design in progress.
US 70 @ Jordan Road	Swannanoa	DP	2015014	21	4,550	\$1,443,000	\$0	\$0		32	07/01/20	07/01/21	Preliminary Engineering in progress.
Walnut St. @ N. Lexington Ave.	Asheville	DP	2017008	42	1,550	\$463,500	\$0	\$0		0	N/A	07/01/21	Preliminary Engineering in progress.
Walnut Street @ Rankin Ave.	Asheville	SA	2014018	42	2,350	\$765,900	\$11,500	\$0		0	N/A	07/01/21	Design in progress.
Waynesville Ave. @ Brownwood Ave.	W. Asheville	SA	2014183	33	4,100	\$1,368,200	\$0	\$0		47	11/01/19	07/01/21	Preliminary Engineering in progress.
Wentworth Avenue	Asheville	SA	2014181	13	1,500	\$433,200	\$0	\$0		0	N/A	07/01/25	Preliminary Engineering in progress.
West Crabapple Lane	W. Asheville	DP	2014005	67	NA	\$424,300	\$3,800	\$0		0	N/A	07/01/18	Design in progress. Will be added to Lining Contract No. 9.
Wildwood Park	Weaverville	HC	2015194	27	582	\$168,780	\$2,380	\$0		0	N/A	07/01/25	Survey complete.
Wood Ave. @ Parker Rd.	Asheville	SA	2014188	22	1,050	\$303,500	\$0	\$0		1	05/15/20	07/01/23	Preliminary Engineering in progress.
SSD Rehab. & Replacement	Various	MS	2002101	N/A	200,000	\$41,644,040	\$4,164,404	\$4,164,404	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					411,932	\$103,453,840	\$5,314,252	\$13,213,448	45,349				

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PRIVATE SEWER REHABILITATION													
Dogwood Rd. @ White Pine Circle	Arden	OH	2014132	N/A	580	\$208,750	\$0	\$5,800		8	7/1/2018	7/1/2019	Design in progress.
Douglas Place PSR	Asheville	SA	2011116	17	588	\$150,580	\$4,980	\$0		1	06/01/21	07/01/22	Design in progress.
Homeland Park	Asheville	OH	2016248	N/A	930	\$286,750	\$0	\$10,000		13	07/01/18	07/01/19	Design in progress.
Old County Home Rd PSR	W. Asheville	SA	2015221	60	2,000	\$462,000	\$0	\$35,400		16	10/01/18	07/01/19	Design in progress.
SUBTOTAL					4,098	\$1,108,080	\$4,980	\$51,200	0				

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TREATMENT PLANT, PUMP STATIONS & GENERAL CAPITAL IMPROVEMENTS													
Biological Treatment	MSD-Treatment Plant	HC	2016063	N/A	0	\$4,000,000	\$0	\$0		N/A	N/A	N/A	Future project.
Blower Bldg. MCC Replacement	MSD-Treatment Plant	HC	2017013	N/A	0	\$375,000	\$0	\$375,000		N/A	N/A	N/A	MCC's on order, delivery expected in November. Haynes Electric to install, date TBD.
Building and Facility Rehabilitation	MSD-Treatment Plant	PW	2002068	N/A	0	\$858,000	\$0	\$190,000		N/A	N/A	N/A	Ongoing
Carrier Bridge P.S. Bypass & Improvements	MSD-Treatment Plant	HC	2012140	N/A	0	\$2,175,618	\$309,618	\$0		N/A	N/A	N/A	Pump capacity upgrade complete. Influent channel repairs complete.
Carrier Bridge P.S. Grinder Replacement	MSD-Treatment Plant	HC	2017060	N/A	0	\$192,000	\$0	\$192,000		N/A	N/A	N/A	JWC grinders installed. Franklin Miller expected delivery early November. MSD to install.
Fleet Gas Management System	MSD-Treatment Plant	HC	2017017	N/A	0	\$40,000	\$0	\$40,000		N/A	N/A	N/A	Fuel pumps have been replaced.
Flow Monitoring	MSD-Treatment Plant	SA	2008013	N/A	0	\$342,535	\$282,535	\$30,000		N/A	N/A	Ongoing	Ongoing
French Broad Carrier Bridge PER	Buncombe County	HC	2016022	N/A	0	\$500,000	\$0	\$500,000		N/A	N/A	N/A	Study underway by CDM. To be completed in July 2018.
Intermediate Clarifier Slide Gates	MSD-Treatment Plant	HC	2017022	N/A	0	\$162,000	\$0	\$0		N/A	N/A	N/A	Preliminary design in progress.
Plant Headworks Improvements	MSD-Treatment Plant	HC	2015004	N/A	0	\$9,580,442	\$1,693,442	\$7,130,000		N/A	N/A	Awarded	In construction. To be completed January 2018.
Plant High Rate Primary Treatment	MSD-Treatment Plant	HC	2015054	N/A	0	\$14,445,441	\$821,441	\$354,000		N/A	N/A	09/01/18	Final design in progress, expected to be completed March 2018. To be bid following Plant Headworks.
Reems Creek PS Improvements	Weaverville	OH	2017051	N/A	0	\$100,000	\$0	\$100,000		N/A	N/A	Ongoing	Ordered pumps. PO authorized for construction. Waiting on electrical proposal.
Sodium Hypo. Tank Replacement	MSD-Treatment Plant	HC	2017016	N/A	0	\$183,000	\$0	\$183,000		N/A	N/A	N/A	Tanks ordered, shop drawings in progress. Expected delivery January 2018.
General Capital Equipment	Varies	EB	2016072	N/A	0	\$1,500,000	\$94,895	\$150,000		N/A	N/A	N/A	Ongoing
Weaverville Pump Stations - Soft Start	Asheville	OH	2017034	N/A	0	\$325,000	\$0	\$325,000		N/A	N/A	Ongoing	PO authorized for electrical panels. Waiting on 2nd electrical installation quotes.
SUBTOTAL					0	\$34,779,036	\$3,201,931	\$9,569,000	0				