

**COLUMBIA GAS OF KENTUCKY, INC.  
RESPONSE TO STAFF'S INITIAL REQUEST FOR INFORMATION  
DATED NOVEMBER 1, 2018**

1. Refer to AMRP Form 2.0. Provide specific details concerning the forecasted plant additions, retirements and removals for 2018, including separately identified projects and their locations, number, length and size of mains and service lines, and associated costs. Also, include the projected construction start and completion months for each identified project.

**RESPONSE:**

Please see Attachment A for details of forecasted additions, retirements and removals in 2019, that were the subject of Form 2.0.

Project Name	Project ID	City	Affected Streets	Type to Install	Size(s) to Install	Install Footage	Retirement footage	Stations Retired	Total Replacement Services	Start Month	End Month	Main (ft) to Install	Main Cost	Proposed Blanket Estimate	Total Project Cost
Fontain Rd AMRP (1631953) JO# 18-0267964-00	18-55692	Lexington	Fontain	PE	4,2	16,200	9,200	1	260	January	October	16,200	\$1,393,200	\$0	\$2,507,040
Tahoma/Shady Lane AMRP ( 2532309 ) JOB# 17-0267361-00 (Spec Budget 7813/7814)	17-48686	Lexington	Tahoma (203 to 254) , Shady Lane (105 to 259)	PE	4	5,200	5,094	0	97	February	May	5,200	\$577,200	\$0	\$992,748
South Mill Street Cast Iron AMRP (2062184) JO# 18-0267967-00	18-55697	Lexington	Mill Street	PE	2	1,750	5,060	0	49	April	June	1,750	\$264,250		\$474,166
Bellefonte Princess AMRP ( 2532305 ) 17-0267356-00 17-0267357-00	17-48626	Ashland	Patton Dr., Bellefonte-Princess Rd., Lycan Rd., Pearman Ct.,	PE	4,6	5,463	5,267	0	59	March	June	5,463	\$546,300	\$0	\$799,056
Sunset Street AMRP		Frankfort	Sunset	PE	2,4	1,000	1,000	0	50	January	March	1,000	\$100,000	\$0	\$314,200
Central Avenue Cast Iron (2566908) JOB # 18-0267931-00	18-55408	Lexington	CENTRAL AVE, OLD PARK AVE, LAFAYETTE AVE, CLAY AVE	PE	2,4	3,500	4,548	0	87	May	August	3,500	\$528,500		\$901,208
Marcellus AMRP 18026797400 (2566826)	18-55823	Lexington	Marcellus Drive (900-1100)	PE	2	4,740	2,159	0	77	April	August	4,740	\$308,100		\$637,968
Maysville 2nd Street 17-0267281-00 (2532807)	17-47939	Maysville	2nd Street	PE	4,8	3,700	4,050	0	150	March	July	3,700	\$558,700		\$1,201,300
Tyler Street AMRP Maysville ( 2567605 ) 18-0267765-00 18-0267766-00	18-53306	Maysville	Union St., Center Rd., Tyler St., East Alley, Pelham St., Hill Ave., Wood St., Fifth St., Central St.	PE	2,4	6,625	5,912	1	205	February	July	6,625	\$1,000,375		\$1,878,595
DKZ at 3315 Colby Road (2532326) 17-0267309-00	17-48226	Winchester	Right-of-Way	CS	12	3,700	2,575	0	1	July	October	3,700	\$666,000	\$0	\$670,284
Capitol Ave. AMRP Frankfort ( 2566365 ) 18-0267761-00 18-0267762-00	18-53303	Frankfort	Capitol Ave.	PE	2, 6	1,980	3,516	0	19	March	May	1,980	\$603,900	\$0	\$685,296
Williams Ave AMRP (2567745) 18026844300	18-59020	Ashland	Williams Ave & 49th St	PE	4	1,020	900	0	29	September	November	1,020	\$137,700		\$261,936

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W. 2nd Street Cast Iron LP (256725) JOB# 18-0267960-00	18-55598	Lexington	2ND, MILL, MARKET, MECHANIC	PE	4	2,300	2,100	0	40	May	July	2,300	\$347,300		\$518,660
Blue Grass Ave AMRP ( 2532265 ) JOB# 17-0267429-00	17-49680	Lexington	Bluegrass Avenue bxn Limestone and Highlawn (102 to 218 Blue Grass & 1330, 1400, 1404 N. Limestone)	PE	4	1,050	1,050	0	31	August	September	1,050	\$105,000	\$0	\$237,804
Pleasant Street Cast Iron (2532428) JOB# 17-0267089-00	17-45023	Paris	3rd, Pleasant	PE	4,2	4,000	4,750	0	85	April	July	4,000	\$640,000	\$0	\$1,004,140
Webster Avenue - defer to 2019 17-0267437-00	17-49782	Cynthiana	Webster & Clifton	PE	2	1,000	1,000	0	5	May	June	1,000	\$100,000	\$0	\$121,420
Oakview Road @ Oakview Pike (2567765) 18-0268445-00	18-59059	Ashland	Oakview Road	PE	4	600	800	0	2	April	May	600	\$90,600		\$99,168
Gilson Plaza (2567506) JOB# 18-0268420-00	18-58577	Lexington	E NEW CIRCLE ROAD	PE	2	750	350	1	8	April	May	750	\$63,750	\$0	\$98,022
ML King Cast Iron Phase I (2567647) JOB# 18-0268433-00	18-58813	Lexington	BARR ST (100 BLOCK) ML KING (100 & 200 BLOCKS)	PE	4'6"	1,800	1,650	0	18	June	August	1,800	\$271,800		\$348,912
Lansdowne Shopping Center (2567505) JOB #18-0268417-00	18-58576	Lexington	TATES CREEK ROAD	PE	2	1,000	950	1	12	April	May	1,000	\$100,000		\$151,408
Limestone Terrace AMRP ( 2566525 ) 17-0267342-00 17-0267343-00	17-48617	Maysville	Lexington St., Limestone Terrace Dr., & Buckley Pl.	PE	2	800	2,928	1	29	February	March	800	\$148,000	\$0	\$272,236
Dysard Hill AMRP ( 2532328 )		Ashland	Dysard Hills	PE	2	1,000	973	0	6	August	November	1,000	\$151,000	\$0	\$176,704
Ridge Road 17026740200	1749172	South Shore	Ridge Road, 1st Street	PE	2	1,900	1,887	0	3	February	April	1,900	\$95,000		\$107,852
Moo Foo Alley AMRP (2566910) JO# 18-0267955-00	18-55582	Cynthiana		PE	8	1,100	1,031	0	10	June	July	1,100	\$166,100		\$208,940

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Sullivan Street AMRP (2567465) JOB #18-0267944-00	18-55491	Louisa	BERRY, MOORE, SULLIVAN, MAIN CROSS	PE	2	2,125	2,450	0	20	April	June	2,125	\$320,875		\$406,555
Meade Street LP AMRP (2567729) JOB# 18-0268437-00	18-59009	Lexington	1ST, 4TH, ARGILITTE, MEADE, CENTRAL, GREENBO, TURLEY	PE	2"	7,500	4,500	2	75	April	September	8,500	\$1,283,500		\$1,604,800
Court St AMRP	1855685	Irvine	Court St, James St, Main St	PE	4	2,400	2,504	0	35	June	August	2,400	\$362,400		\$512,340
Bethlehem Road AMRP (2532245) JO# 17-0267288-00	17-47968	Paris	Bethlehem Road/Easement	PE	4	1,200	611	0	6	May	June	1,200	\$120,000	\$0	\$145,704
Safety Way AMRP (2567226) JO# 18-0267569-00	18-51316	Cynthiana	Safety Way	CS	2	500	750	0	0	January	February	500	\$50,000		\$50,000
T5 AMRP ( 2566545) 18-0267911-00 18-0267912-00	18-55116	Ashland	ROW	HDPE	8	2,637	2,637	0	0	March	May	2,637	\$527,400		\$527,400
8th Street Improvements	1855957	Ravenna	8TH	PE	4	800	1,139	0	5	May	June	800	\$120,000		\$141,420
Blackburn AMRP 18-0267644-00 (2556046) Shorted Casing	18-51963	Ashland	Blackburn Ave.	PE	10	2,000	1,181	0	10	February	April	2,000	\$200,000	\$0	\$242,840
Picadome Golf Course ( 2094926 ) JOB# 18-0267630-00	13-19386	Lexington	PICADOME GOLF COURSE	CS	8	1,600	1,750	0	0	January	February	1,600	\$608,000	\$0	\$608,000
4400 Winchester Avenue DPI -D031050 (2567230) JO# 17026739400	17-49141	Ashland	Right of Way	PE	8	250	250	0	0	March	April	250	\$87,500		\$87,500
Meadowthrope (final phase) JOB# 18-0267924-00	1855322	Lexington		PE	2.4	25,000	25,000	1	225	January	December	25,000	\$2,125,000		\$3,088,900
West 5th Street 18-0268430-00 (2567626)	18-58763	Maysville	5th Street	PE	2	4,000	4,000	0	100	March	July	4,000	\$484,000		\$912,400

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Willard Street Relocation AMRP 18-0268428-00 (2567627)	18-58762	Lexington	Willard Street	PE	2,4	2,500	750	1	75	September	November	2,500	\$352,500		\$673,800
Highland Parkway AMRP Frankfort ( 2567608 ) 18-0267767-00 18-0267768-00 18-0267769-00 18-0267770-00	18-53312	Frankfort	Strathmore Dr., Magnolia Ave., Highland Parkway, Lyons Dr., Queensway Dr., Kingsway Dr., Sycamore Dr., Desha Dr., Senate Dr., Sunset Rd., Annex Dr., Bonnycastle Dr.	PE, CS	2,4,6,8	13,829	12,719	1	311	February	December	13,830	\$2,627,700		\$3,960,024
PIF Highway 40 Inez See Tim Swartz note of 8/2/18		Inez	HWY 40			600	600			March	April	600	\$90,600		\$90,600
13th Street Shorted Casing		Ashland	13th Street			200	200			April	May	200	\$100,000		\$100,000
Lancer Guard Rail Project 18-0267686-00 (2567628)	18-52308	Lancer		PE	4	2,500	3,500	0	40	May	July	2,500	\$225,000		\$396,360
Big Run Dozerman Lane 17026739700	17-49147	Rush	Dozerman Ln (Private)	CS	4	75	15	0	0	August	September	75	\$97,500		\$97,500
Belmont St AMRP (2567232) JO# 18-0267934-00	18-55473	Ashland		PE	4	550	539	0	5	February	March	550	\$83,050		\$104,470
565 - Scattered Service Line Replacements			Multiple						400	January	December	0	\$0	\$1,713,600	\$1,713,600
<b>Totals:</b>						<b>142,444</b>	<b>133,845</b>	<b>10</b>	<b>2,639</b>			<b>142,444</b>	<b>\$18,827,800</b>	<b>\$1,713,600</b>	<b>\$30,133,276</b>

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2. Refer to AMRP Form 3.0. Explain in full detail why Columbia projects \$0 in projected O&M savings in Account 887.

**RESPONSE:**

Columbia is forecasting 2019 Account 887 O&M to equal the Account 887 budget amount following Case No. 2016-00162, therefore, no O&M savings are projected. Should there be an actual savings, it would be credited as part of the Balancing Adjustment in March of 2020.

As cast iron and unprotected steel pipe are replaced in the AMRP, it was contemplated that, in time, there would be savings in Account 887. It was also recognized that new leaks would continue to be found and leak severities could change during the duration of the program and would be increases to cost. This activity is expected to continue in 2019 which is why \$0 savings are projected in 2019. Columbia's AMRP provides for the return of savings in Account 887 but does not provide recovery for increases in Account 887 cost.

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3. Refer to Case No. 2009-00141,1 Direct Testimony of David E. Mueller, page
8. Provide a comparison of the original estimate of the projects included in the AMRP with those completed and with those yet to be completed.

**RESPONSE:**

In 2008, Columbia estimated the then total cost of projects associated with the 30 year Accelerated Main Replacement Program to be \$210 million. By the end of 2018, Columbia will have spent approximately \$152.2 million and retired 160 miles of bare steel and cast iron pipe. Columbia will have approximately 365 miles of priority pipe yet to retire as part of the program.

The total cost of the projects yet to be completed requires a study that has not been performed. Columbia anticipates having all the cast iron pipe removed from the system by the end of December 2022 and the remainder of the bare steel eliminated by the end of 2037.