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April 20, 2018

Gwen Pinson Executive Director Public Service Commission 211 Sower Blvd. Frankfort, KY 40601

Re: Atmos Energy Corporation: Case No. 2017-00349

Dear Ms. Pinson:

Atmos Energy Corporation submits its response to Staff's third post-hearing request for information.

I certify that the electronic filing is a complete and accurate copy of the original documents to be filed in this matter, which will be filed within two days of this submission and that there are currently no parties in this proceeding that the Commission has excused from participation by electronic means.

If you have any questions about this matter, please contact me.

Very truly yours,

John N. Hughes

And

Mark R. Hutchinson Wilson, Hutchinson and Littlepage 611 Frederica St. Owensboro, KY 42301 270 926 5011 randy@whplawfirm.com

John N. Hugher

Attorneys for Atmos Energy Corporation

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

IN THE MATTER OF RATE APPLICATION OF ATMOS ENERGY CORPORATION)	Case No. 2017-00349
	, 	
A	FFIDAV	II
The Affiant, Gregory W. Smith attached responses to Commission Staff true and correct to the best of his knowledge.	f's third edge and	
STATE OF Jenjussee	******	
SUBSCRIBED AND SWORN to before of April, 2018.	me by G	regory W. Smith on this the <u>20</u> day
GA 73		,

Notary Public

'v Commission Expires

My Commission Expires:

Case No. 2017-00349 Atmos Energy Corporation, Kentucky Division Staff Post-Hearing DR Set No. 3 Question No. 3-01 Page 1 of 1

REQUEST:

Refer to Atmos's responses to Commission Staff's Second Request for Information ("Staff's Second Request"), Item 18.b. Commission Staff's Post-Hearing Request for Information ("Staff's First Post-Hearing Request"), Item 3, Attachment 1, and Commission Staff's Second Post-Hearing Request for Information ("Staff's Second Post-Hearing Request"), Item 1.c. Atmos has provided inconsistent dollar amounts and program mileage for 2018. Confirm the correct dollars and mileage for 2018, and cross-reference to the other responses provided.

RESPONSE:

The Company's response to Staff's First Post-Hearing Request, Item 3 included costs per mile through 2017. It did not provide a cost per mile through 2018, as 2018 is ongoing. The Company's response to Staff's Second Post-Hearing Request, Item 1c. states that it was providing an <u>estimate</u> of the approximate miles to be replaced, and program replacement cost for 2018. For 2018, the Company estimates it will replace approximately 52 miles of pipe. Please see the Company's Response to Staff's Third Post-Hearing Data Request, Item 5.

The actual numbers provided in response to Staff's First Post-Hearing Request, Item 3 are not inconsistent with the estimated year-end numbers provided in response to Staff's Second Post-Hearing Request, Item 1.c.

The Company reaffirms the numbers provided in both data responses. Please see below.

\$44,900,000 - Staff Second Request 2-18 b.: Company's filed and PSC approved budgeted 2018 PRP Spend (October 2017 to September 2018).

\$20,287,349 - Staff Post Hearing Request 1-03: Company's actual PRP spend for first 6 months of FY 2018 (October 2017 to March 2018).

\$45,181,485 - Staff Post Hearing Request 2-01: Company's forecasted PRP spend for FY 2018 (October 2017 to September 2018). This amount includes the \$20,287,349 of actual spend as of March 31, 2018. Projected variance to budget is less than 1 percent.

Case No. 2017-00349 Atmos Energy Corporation, Kentucky Division Staff Post-Hearing DR Set No. 3 Question No. 3-02 Page 1 of 1

REQUEST:

Refer to Atmos's response to Staff's Second Post-Hearing Request, Item 2.a. The response did not include the calculation that supports the completion estimate as requested. Provide the percentage complete estimate using the following formula:

(2011-2017 PRP Actual mileage + 2018 Estimated mileage) / Total Program mileage = 42 - 45 percent.

RESPONSE:

The Company reaffirms that 230 miles of pipe were replaced between 2011 and 2017. Of that total, 120 miles represents the bare steel retired/replaced. The remaining balance represents various pipe types (i.e. epoxy, mill wrap, PE) retired/replaced within these bare steel systems. These specific details have been included in the project descriptions submitted each filing year.

The formula as requested, specific to bare steel, would be:

120 miles (2011-2017) + 35 (2018) / 345 miles = 45%

This result supports our previous response to Staff's Second Post-Hearing Request, Item 2.a.

Case No. 2017-00349 Atmos Energy Corporation, Kentucky Division Staff Post-Hearing DR Set No. 3 Question No. 3-03 Page 1 of 2

REQUEST:

Refer to Atmos's response to Staff's Second Post-Hearing Request, Item, 2.b. The estimated total spending identified in Atmos' response to Staff's Second Request, Item 18.b. for 2018 through 2025 was an estimated \$517.8 million versus \$178.3 million actually spent between 2011 and 2017. Provide a complete, comprehensive explanation of how the 2018-2025 spending was developed and reconcile to the remaining Pipeline Replacement Program ("PRP") estimated miles to complete.

RESPONSE:

The estimate of 2018 spending is based on budgeted costs of projects specifically approved for 2018. For the years 2019–2022, the Company's five year plan was used which identifies projects that should be undertaken in the future and non-detailed projections of costs for those projects. For years 2023–2025, a generalized forecast of the need for system replacement is made together with broad projections of costs. As previously stated, detailed project estimates are only available for projects 12-18 months prior to construction.

The Company believes the confusion on this item relates to the fact that Commission Staff is asking the Company for a forecast of total PRP spending and comparing those forecasted expenses to the remaining miles of bare steel pipe.

Since, as previously stated, the Commission has held that pipe replacement programs such as the PRP are not limited to the replacement of only bare steel, to the extent that the Company plans to request replacement of additional types of pipe in the time frame for which a PRP spending forecast is requested, the Company must forecast the cost of replacing non-bare steel materials that are not part of the remaining PRP bare steel estimated miles. The Company currently has identified at-risk pipe such as early generation and un-locatable plastic which it anticipates proposing for replacement under the PRP starting in 2023.

Thus, the forecasted spending shown contemplates replacing more than just the remaining bare steel materials in Kentucky. The Company's forecasted 2019-2025 spending cannot be reconciled to just the remaining bare steel miles, as it does not directly correlate. To do such a reconciliation would dramatically overstate the costs for replacement per mile of bare steel pipe, since the forecasted costs through 2025 contemplate replacing more than just bare steel pipe.

Case No. 2017-00349 Atmos Energy Corporation, Kentucky Division Staff Post-Hearing DR Set No. 3 Question No. 3-03 Page 2 of 2

Year	Annual PRP Investment	Estimated Avg. Replacement Cost / Mile	Miles Replaced w/in Bare Steel System	Estimated Miles of Early Generation and Un-locatable Plastic
2019 Est.	\$51,100,000	\$810,000	63	
2020 Est.	\$56,900,000	\$810,000	70	
2021 Est.	\$63,200,000	\$810,000	78	
2022 Est.	\$63,100,000	\$810,000	78	
2023 Est.	\$70,700,000	\$810,000		87
2024 Est.	\$79,200,000	\$810,000		98
2025 Est.	\$88,700,000	\$810,000		110

^{*} Company anticipates completion of Bare Steel Replacement after year 2022

^{* \$810}k per mile is the average cost for PRP replacement over the past 3 years

Case No. 2017-00349 Atmos Energy Corporation, Kentucky Division Staff Post-Hearing DR Set No. 3 Question No. 3-04 Page 1 of 1

REQUEST:

Refer to Atmos's response to Staffs Second Post-Hearing Request, Item 3.a. This answer is non-responsive. Provide the project listings identified in Atmos's response to Staffs First Post-Hearing Request, Item 5, segregated by 2019 and 2020-2022, with totals for costs and mileage, as requested.

RESPONSE:

The Company has updated as Attachment 1 the previously submitted attachment for 2019 and 2020-2022 projects with totals for costs and mileage including the indirect costs. Indirect costs were estimated using FY 2018 budgeted percentages.

As was stated at the hearing in this docket as well as Staff Post-Hearing DR No. 2-02 Part B, the Company does utilize a five year plan; however, the detailed project estimates are only available for projects 12-18 months prior to construction. The Company does identify some specific long-lead projects for the remaining 4 years where significant engineering, coordination, and easement acquisition is required, but not to the budget-level detail associated with near-term projects.

ATTACHMENT:

ATTACHMENT 1 - Atmos Energy Corporation, Staff Post-Hearing_3-04_Att1 - 2018.04.19 PRP Projects.xlsx, 8 Pages.

			Project / CB	Main		1	# Services	1 1			
wn.	Project Title:	Overall Project Description:	Number	Installed (ft):	Main Retired	Main Size:	Replaced:	LP/IP/HP	Contract Labor \$	ATO:	Labor
		Overan Project Description.	Rumber	mstaneu (17).	Main Ketneu	Main Size:	Replaced:	LF/IF/HF	Contract Labor 3	ALUI	Labor
disonville	2634										
j	PRP.2634.Grapevine Rd	Replace 192' of 4" Epoxy, 4208' of 3" Bare Stl., with 4199' of 4" PE. with 104	050,00000 - 00000	4,199	1	4"	104	TD //D	0 001.000	\$	1
	FRF.2034.Chapeville Rd	Services Replace143' of 1.25" Bare Stl., 490' of 6" Bare Stl., 96' of 2" PE,1,167' of 3"	030,0000 - 00000	4,199	 	4"	104	IP/IP	\$ 231,869	3	
1		Epoxy, 3,001' of 4" Epoxy, 273' of 2" Bare Stl., 3,929' of 3" Bare Stl., 613' of			1		!		ļ	1	
		2" Epoxy, 5,034 of 4" Bare Stl., LP with 13,951 of 2" PE IP, Eliminates 4 LP]	ł		!		ļ	1	
							ŀ		ļ	I	
	PRP.2634.Princeton Rd	Regulator Stations, 277 Services	050,00000 - 00000	13,951		2"	277		\$ 770,374		
	PRP.2634.Lunsford St	Replace 323 of 2" Bare Stl LP with 325' of 4" PE LP	050.47033 - 47026	332'		2"	3	LP/LP	\$ 11,000	\$	
Hanson	2634										
		Replace 899' of 2" Epoxy, 1827' of 2" Bare Stl., 175' of 1.25" N/A Plastic, with			1				ļ	ŀ	
	PRP.2634.Hanson-Sunset Rd.	2217' of 2" PE, with 50 Services	050.00000 - 00000	2,217		2"	50	IP/IP	\$ 122,423	\$	
Robards	2634										
		Replace12' of 2" PE, 71' of 1.25 Epoxy, 3573' of 2" Epoxy,5341' of 2" Bare					ľ	1	ļ	I	
		Stl., 14' of 2" Epoxy, 167' of 1" Epoxy, 684' of 2" N/A Plastic, with 9829' of 2"			1		ŀ	1	ļ	I	
	PRP.2634.Robards	PE., with 108 Services	050,00000 - 00000	9,829	Í	2"	108	IP/IP	\$ 542,757	\$	
Slaughters	2634										
		Replace 7554' of 2" Epoxy, 4604' of 2" Bare Stl., 830' of I" Epoxy, 333' of 2"									
		N/A Plastic, 1222' of 1.25" N/A Plastic, with 12763' of 2" PE., with 99 Services			1	1 1	F		ļ	I	
	PRP.2634.Slaughters	, ,	050.00000 ~ 00000	12,763	1	2"	99	IP/IP	\$ 704,772	\$	
Princeton	2635			1				11/11	y /V4,/12		
- Intervit	2033	Replace 118' of 1.25 Bare Stl. 480' of Unknown, 355' of 4" Epoxy, 87' of 4"				 		 			_
1		PE. 872' of of 3" Bare Stl 3229' of 2" Bare Stl 5' of 3" Epoxy, with 2445' of			l	1	F	į I	ļ	I	
	PRP.2635.Princeton South Jefferson	2" PE. and 2560' of 4" PE, with 70 Services	050.00000 - 00000	5,015	1	2". 4"	70	, mm	\$ 459.803		
	FRF.2035.FHIRECON SOUR JEHEISON		030.00000 - 00000	3,013		2",4"	70	IP/IP	\$ 459,803	2	
		Replace 1268' of 2" Epoxy,527' of 1.25 Bare Stl., 63' of 3" Epoxy, 218' of 2"			1		l		ļ	I	
		N/A Plastic, 108' of 1" Bare Stl., 2491' of 2" Bare Stl., 1684' of 3" Bare Stl.,	l		1		l		ļ	I	
	PRP,2635,Princeton Southwest	130' of 1.25 PE, with 6610' of 2" PE. with 123 Services	050,00000 - 00000	7,810		2"	155	IP/IP	\$ 397,289	\$	
		Replace I31' of I" Bare Stl.,234' of 1.25 Bare Stl., 100' of 1.25 N/A PE.,1424'			1		ŀ	1	ļ	1	
		of 2" Epoxy,3913' of 2"Bare Stl., 117' of MDPE 2", 793' of 4" Bare Stl., 317'			1	1	ſ	í I	ļ	I	
	PRP.2635.Princeton West	of 4" Epoxy, with 145 Services	050,00000 - 00000	8,676	L	2", 4"	145	IP/IP	\$ 586,889	\$	
T		Replace28' of 2" Mill Wrap,286' of 1.25 Epoxy, 828' of 2' PE,461' of 1.25 Bare						i	-	1	
ĺ		Stl.,6718' of 2" Bare Stl., 912' of 4" Epoxy, 736' of 2" Epoxy, 97' of Unknown,			1		ŀ	1 1	ļ	1	
		435' of 4" Bare Stl.,71' of 1" Bare Stl., 687' of 1.25 N/A Plastic, 2289' of 3"			1	1	ŀ	1	ļ	I	
		Bare Stl., and 110' of Epoxy, with 7061' of 2' PE, and 4115' of 4" PE, with 7454			1		ŀ		ļ	I	
		of 2" PE, and 1222' of 4" PE, with 162 Services			1		ŀ	1	ļ	1	
	PRP.2635.Princeton North		050.00000 ~ 00000	11,176	1	2", 4"	160	TP/TP	\$ 671,314	S	
		Replace 2401 of 3 Bare Stl., 4128 of 2" Bare Stl., 1769 of 2 Epoxy, 30 of 3"							71.257.1		
		Epoxy, 192' of 1.25 Bare Stl.,311' of 4" Bare Stl.,1381' of 4" Epoxy, 197' of 2"	ļ		1		,	1	ļ	1	
		Plastic, with 6378' of 2"PE., and 458' of 4" PE. with 190 Services			1		,	1	ļ	1	
	PRP.2635,Princeton East	The day, the day of the day in th	050,00000 - 00000	6,836	1	2". 4"	165	IP/IP	\$ 483,798	S	
	11G (2005), Thiboton Last	Replace 3404' of 2" Epoxy, 1422' of 1" Epoxy, 91' of 2" N/A Plastic, 31' of 1"	050,0000 - 00000	0,850		* , 7	105	11/11	3 403,790		
	PRP.2635.Whipporwill	N/A Plastic, with 4948' of 2" PE, with 45 Services	050,00000 - 00000	4,948	1	2"	4.5	779.779	200 200	S	
		IVA Plastic, with 4948 of 2 PE. with 43 Services	00000 - 00000,000	4,540	 	<u> </u>	45	IP/IP	S 273,228	3	
wensboro	2636					 					
		Replace 763' of 6" Hot Tar, 1,320' of 8" Epoxy, 249' of 1,25" Hot Tar, 208' of		1	ł		!	1	ļ	ĺ	
		1.25" Epoxy, 894' of8" Hot Tar, 2.345' of 2" Epoxy, 20' of 6" PE, 231' of 4"		1	l		1	1	ļ	l	
1		Epoxy, 766' of 2" PE, 923' of 2" Hot Tar, 309' of 6" Epoxy IP, with 4,780' of	1		l		1		ļ	1.	
	PRP.2636.14th St	2" PE and 4,200' of 6" PE IP, 67 Services	050,00000 - 00000	8,980		2".6"	67	IP/IP	\$ 513,036	\$	
			1		1			T		1	
		Replace 677' of 4" Mill Wrap, 260' of 4" PE, 1,289, of 4" Hot Tar, 212' of 2"			ĺ				ļ	i	
		PE, 2,695' of 2" Mill Wrap Bare Joint, 8' of 4" PE, 3,875' of 4" Mill Wrap Bare			ĺ		!	1	ļ	1	
}		Joint, 4,115' of 2" Epoxy, 1,099' of 4" Epoxy, 1,041' of 2" Mill Wrap IP, with			í		!			i	
	PRP,2636,Carter - Bosley Rd	6,584' of 2" PE, 4,562' of 4" PE and 3,110' of 6" PE IP. 265 Services	050.00000 - 00000	14,256	1	2",4",6"	265	IP/IP	\$ 787,216	\$	
		Replace 844' of 2" Hot Tar, 1,569' of 2" Mill Wrap, 271' of 2" Epoxy, 1,213' of		1	·	7: 3:					
İ		6" Epoxy, 939' of 2" Mill Wrap Bare Joint, 102' of 2" PE with 1,210' of 6" PE			1		!]	ļ	I	
	PRP.2636.Ford & Robin Rd	and 2.994' of 2" PE IP, 55 Services	050.00000 - 00000	4,204	1	2'.6"	55	IP/IP & LP/IP	S 238,580	\$	
		Replace 209' of 2" PE, 95' of 4" Epoxy, 1,299' of 3" Epoxy, 982' of 2" Epoxy,		-TyU**	 	1 2.0		ALTEL OC LIFTER	420,300		
		1,678' of 4" Hot Tar IP, with 2,800' of 2" PE and 1,767 of 4" PE IP. 91			1				ļ	ŀ	
	PRP.2636.Glenn Ct	Services	050,00000 - 00000	4,567	ĺ	2",4"	91	IP/IP	S 252,190	e	
	AAG DOOFO, COMMINGE	Replace 78' of 3" Epoxy, 48' of 2" PE, 1,200' of 2" Epoxy, 45' of .75" Hot Tar,	55 0,00000 - 00000	4,507	f	+ - + - + +	71,	IF/IF	232,190		
	PRP.2636.Eastwood Dr	10' of 4" PE, 4,449' of 3" Hot Tar, 45' of 2" Mill Wrap, 441' of 2" Hot Tar.	050,00000 - 00000	6,300	ĺ	2".4"	71	IP/IP	\$ 347,886	s	
	PRP.2636.W 6th & Crabtree	Replace 152' of 2" Hot Tar, 970' of 3" Hot Tar with 1,121' of 2" PE IP	050,00000 - 00000	1.121		2",4"	24			\$	
	TALESSO, WORLD CHARLES		050,00000 - 00000	1,121		Δ"	24)	IF/IF	a 18,4ZZ		
	man acad mi . O	Replace 541 of 4" Hot Tar, 279 of 4" Epoxy, 16 of 2" Epoxy with 840 of 2" PE IP. 23 Services	050.00000 - 00000	0.00	f		!			1	
			LUDU TRHUKE - URKICH)	840'	(2"	23	IP/IP	\$ 13,269	1 \$	
	PRP,2636,Plum Street PRP,2636,Davies Dr (Hawesville)	Replace 381' of 2" Hot Tar with 400' of 2" PE, 6 Services	050,00000 - 00000	400		2 ⁿ	6			\$	

NVX			Project / CB	Main			# Services			
	Project Title:	Overall Project Description:	Number	Installed (ft):	Main Retired	Main Size:	Replaced:	LP/IP/HP	Contract Labor \$	ATO Labor
		Replace 295' of 4" N/A Plastic, 865' of 2" Epoxy, 1474' of 4" Bare Stl., 1197'								
		of 6" Bare Stl., 4000' of 4" Epoxy, 271' of 2" N/A Plastic, with 6855' of 2" PE.,								
	PRP.2736.Central Ave	2130' of 4" PE.,116 Services, 3-Grade 3 Leaks	050,00000 - 46853	8,985		2", 4"	116	LP/IP	\$ 496,152	\$ 29
		Replace 1551' of of 4" Bare Stl., 966' of 6" Bare Stl., 1633' of 2" Epoxy, 952'								
		of 2" Bare Stl., 165' of 6" Epoxy, 182' of 2" Plastic,4769' of 4" Epoxy, 177' of								
		4" PE., with 8855' of 2" PE., 1560' of 4" PE., with 154 Services. I-Grade 3				1				
	PRP.2736.East 19th St	Leak	050.00000 - 00000	10,415		2", 4"	154	IP/IP	\$ 475,116	\$ 34
		Replace 444' of 2" Bare Stl., 1709' of 4" Bare Stl., 196' of 3" Bare Stl., 338' of	1							
		6" Bare Stl., 350' of 2" Plastic,613' of 2" Epoxy, 1303' of 4" PE, 2256' of 4" Epoxy,850' of 6" Epoxy, with 7160' of 2" PE., 2692' Of 4" PE with 151	į							
	DDD ares Di i	Services Services		2.044						
	PRP.2736.Phelps Ave	Scivices	050.00000 - 00000	9,852		2", 4"	151	IP/IP	S 544,027	\$ 32
										
ducah	2637									
		Replace 292' of 1.25" Epoxy, 3,908' of 2" Bare Stl., 101' of 2" Epoxy, 495' 2"								
		PE, 718' of Bare 3" Stl., 1,721' of 4" Bare Stl.,35' of 4" Epoxy, 383' of 6" Bare								
	PRP,2637,Clark St Phase 1	Stl. IP with 8,041' of 2" PE IP. 92 Services	050,00000 - 46808	8,041		2"	92	IP/IP	S 489,134	\$ 26
		Replace 3664 of 2" Bare Stl., 34 of 2" Epoxy Stl., 262 of 2" Plastic746 of 4"		·						
		Bare Stl, and 40' 0f 4" Epoxy Stl., with 4140" of 2" PE., and 765" of 4" PE.								
	PRP.2637, Mississippi-Georgia	with 115 Services No Leaks, Fence Jumper Route	050.47397 - 46806	9,662		2", 4"	218	IP/IP	\$ 562,211	\$ 23
-,		Replace 212' of 1,25" Bare Stl, 392' of 2" PE, 2,367' of 2" Epoxy, 11,318' of 2"				-				***************************************
		Bare Stl. and 1,967 of 6" Bare Stl. with 11,711 of 2" PE,1,492 of 4" PE, and								
	PRP.2637.North 26th St	1,681' of 6" PE. 10-Grade 3 Leaks 391 Services	050,00000 - 00000	14,884		2",4".6"	391	IP/IP	\$ 905,394	\$ 49
		Replace, 2,890' of 2" Bare Stl., 1,955' of 4" Bare Stl., 307' of 3" Bare Stl., 157'					1.5.0	27.72	300,037	<u> </u>
	PRP.2637.Ohio Street	of 2" PE IP, with 2,436 of 2" PE, 2,819 of 4" PE IP.	050.00000 - 00000	5,255		2",4"	50	IP/IP	\$ 341.112	\$ 17
ellville	2734									
]				
		Replace approximately 1.6 miles of 4" Bare Stl., with 5,700 of 6" Stl., and				1				
	PRP.2734.West Russellville HPD	2,900' of 6" Poly. Replace 5,900' of 2" Coated Stl. to eliminate Isolated Stl.	050.00000 - 00000	14,500		6"	90	HPD/HPD	\$ 3,059,974	\$ 20
						1				
						+				
Green										
Green	PRP.2734.Schweizer Rd	Replace approximately 4.8 Miles of 6" Stl Bare HPD pipe with 6" HPD Steel.	050,00000 - 00000	25,344		6"		HPD	\$ 4,296,763	\$ 24
Green		Replace 185' of 2" unkown Coating, 572' of 2" Epoxy, and 1,121' 2" Bare Stl.	050,00000 - 00000	25,344		6'		HPD	\$ 4,296,763	\$ 24
Green	PRP.2734.Schweizer Rd	Replace 185' of 2" unkown Coating, 572' of 2" Epoxy, and 1,121' 2" Bare Stl. with 1,600' of 2" PE. There has been 4 leaks on this pipe in the last year. 17							1	
Green		Replace 185' of 2" unkown Coating, 572' of 2" Epoxy, and 1,121' 2" Bare Stl. with 1,600' of 2" PE. There has been 4 leaks on this pipe in the last year. 17 services	050,00000 - 00000 050,00000 - 00000	25,344 1,600		6" 2"	17		1	
Green	PRP.2734.Schweizer Rd	Replace 185' of 2" unkown Coating, 572' of 2" Epoxy, and 1,121' 2" Bare Stl. with 1,600' of 2" PE. There has been 4 leaks on this pipe in the last year. 17 services Replace 273' of 1.25" Epoxy, 262' of 2" Epoxy, 1,184' of 6" Epoxy, and 2,501							1	
Green	PRP.2734.Sonweizer Rd PRP.2734.Boatlanding Rd.	Replace 185' of 2" unkown Coating, 572' of 2" Epoxy, and 1,121' 2" Bare Stl. with 1,600' of 2" PE. There has been 4 leaks on this pipe in the last year. 17 services Replace 273' of 1.25" Epoxy, 262' of 2" Epoxy, 1,184' of 6" Epoxy, and 2,501 of 6" Bare Stl. with 4,500' of 6" PE. This pipe has a history of leakage and has	050,00000 - 00000	1,600		2"	17	119/119	\$ 171.380	\$ 5
Green	PRP.2734.Schweizer Rd	Replace 185' of 2" unkown Coating, 572' of 2" Epoxy, and 1,121' 2" Bare Stl. with 1,600' of 2" PE. There has been 4 leaks on this pipe in the last year. 17 services Replace 273' of 1.25" Epoxy, 262' of 2" Epoxy, 1,184' of 6" Epoxy, and 2,501 of 6" Bare Stl. with 4,500' of 6" PE This pipe has a history of leakage and has several leak clamps on it. 15 Services						IP/IP	1	\$ 5
Green	PRP.2734.Sonweizer Rd PRP.2734.Boatlanding Rd.	Replace 185' of 2" unkown Coating, 572' of 2" Epoxy, and 1,121' 2" Bare Stl. with 1,600' of 2" PE. There has been 4 leaks on this pipe in the last year. 17 services Replace 273' of 1.25" Epoxy, 262' of 2" Epoxy, 1,184' of 6" Epoxy, and 2,501 of 6" Bare Stl. with 4,500' of 6" PE This pipe has a history of leakage and has several leak clamps on it. 15 Services Replace 3,224' of 1.25" Epoxy, 6' of 1.25" PE, 1,524' of 2" Epoxy, 3,308' of 2"	050,00000 - 00000	1,600		2"	17	119/119	\$ 171.380	\$ 5
Green	PRP.2734.Schweizer Rd PRP.2734.Boatlanding Rd. PRP.2734.Jackson & Pearl St	Replace 185' of 2" unknown Coating, 572' of 2" Epoxy, and 1,121' 2" Bare Stl. with 1,600' of 2" PE. There has been 4 leaks on this pipe in the last year. 17 services Replace 273' of 1.25" Epoxy, 262' of 2" Epoxy, 1,184' of 6" Epoxy, and 2,501 of 6" Bare Stl. with 4,500' of 6" PE. This pipe has a history of leakage and has several leak clamps on it. 15 Services Replace 3,224' of 1.25" Epoxy, 6' of 1.25" PE, 1,524' of 2" Epoxy, 3,308' of 2" Bare Stl., 2,108' 3" Bare Stl., 265' of 2" unknown coating, 544' of 2" PE, 78' of	050,00000 - 00000 050,00000 - 00000	1,600 4,500		2"	17	IP/IP IP/IP	\$ 171,380 \$ 327,274	\$ 5 \$ 14
Green	PRP.2734.Sonweizer Rd PRP.2734.Boatlanding Rd.	Replace 185' of 2" unkown Coating, 572' of 2" Epoxy, and 1,121' 2" Bare Stl. with 1,600' of 2" PE. There has been 4 leaks on this pipe in the last year. 17 services Replace 273' of 1.25" Epoxy, 262' of 2" Epoxy, 1,184' of 6" Epoxy, and 2,501 of 6" Bare Stl. with 4,500' of 6" PE. This pipe has a history of leakage and has several leak clamps on it. 15 Services Replace 3,224' of 1.25" Epoxy, 6' of 1.25" PE, 1,524' of 2" Epoxy, 3,308' of 2" Bare Stl., 2,108' 3" Bare Stl., 250' of 2" unknown coating, 544' of 2" PE, 78' of 4" PE, with 5,810' of 2" PE. 155 services	050,00000 - 00000	1,600		2"	17	119/119	\$ 171,380 \$ 327,274	\$ 5 \$ 14
Green	PRP.2734.Schweizer Rd PRP.2734.Boatlanding Rd. PRP.2734.Jackson & Pearl St	Replace 185' of 2" unkown Coating, 572' of 2" Epoxy, and 1,121' 2" Bare Stl. with 1,600' of 2" PE. There has been 4 leaks on this pipe in the last year. 17 services Replace 273' of 1.25" Epoxy, 262' of 2" Epoxy, 1,184' of 6" Epoxy, and 2,501 of 6" Bare Stl. with 4,500' of 6" PE. This pipe has a history of leakage and has several leak clamps on it. 15 Services Replace 3,224' of 1.25" Epoxy, 6' of 1.25" PE. 1,524' of 2" Epoxy, 3,308' of 2" Bare Stl., 2,108' 3" Bare Stl., 269' of 2" unknown coating, 544' of 2" PE, 78' of 4" PE, with 5,810' of 2" PE. 155 services Replace 240' of 2" Pe, 27' of 2" Epoxy, 261' of 3" Bare, 167' of 4" Pe, 568' of	050,00000 - 00000 050,00000 - 00000	1,600 4,500		2"	17	IP/IP IP/IP	\$ 171,380 \$ 327,274	\$ 5 \$ 14
Green	PRP.2734.Sohweizer Rd PRP.2734.Boatlanding Rd. PRP.2734.Jackson & Pearl St PRP.2734.Morgantown Rd & S Sunrise	Replace 185' of 2" unknown Coating, 572' of 2" Epoxy, and 1,121' 2" Bare Stl. with 1,600' of 2" PE. There has been 4 leaks on this pipe in the last year. 17 services Replace 273' of 1.25" Epoxy, 262' of 2" Epoxy, 1,184' of 6" Epoxy, and 2,501 of 6" Bare Stl. with 4,500' of 6" PE. This pipe has a history of leakage and has several leak champs on it. 15 Services Replace 3,224' of 1.25" Epoxy, 6' of 1.25" PE, 1,524' of 2" Epoxy, 3,308' of 2" Bare Stl., 2,108' 3" Bare Stl., 269' of 2" unknown coating, 544' of 2" PE, 78' of 4" PE, with 5,810' of 2" PE, 155 services Replace 240' of 2" Pe, 27' of 2" Epoxy, 261' of 3" Bare, 167' of 4" Pe, 568' of 4" Epoxy, 3,422' of 4' Bare Stl., 2, with 4,800' of 2" IP PE, Retire 2-LP	050.00000 - 00000 050.00000 - 00000	1,600 4,500 5,810		2 ⁿ 6 ⁿ 2 ⁿ	17 15 155	19/19 19/19 19/19	\$ 171,380 \$ 327,274 \$ 446,114	\$ 5 \$ 14
Green	PRP.2734.Schweizer Rd PRP.2734.Boatlanding Rd. PRP.2734.Jackson & Pearl St	Replace 185' of 2" unknown Coating, 572' of 2" Epoxy, and 1,121' 2" Bare Stl. with 1,600' of 2" PE. There has been 4 leaks on this pipe in the last year. 17 services Replace 273' of 1.25" Epoxy, 262' of 2" Epoxy, 1,184' of 6" Epoxy, and 2,501 of 6" Bare Stl. with 4,500' of 6" PE. This pipe has a history of leakage and has several leak clamps on it. 15 Services Replace 3,224' of 1.25" Epoxy, 6' of 1.25" PE, 1,524' of 2" Epoxy, 3,308' of 2" Bare Stl., 2,108' 3" Bare Stl., 269' of 2" unknown coating, 544' of 2" PE, 78' of 4" Ep. with 5,810' of 2" PE. 155 services Replace 240' of 2" Pe, 27' of 2" Epoxy, 261' of 3" Bare, 167' of 4" Pe, 568' of 4" Epoxy, 3,422' of 4" Bare Stl. LP, with 4,800' of 2" IP PE, Retire 2-LP Regulator Stations, 104 services	050,00000 - 00000 050,00000 - 00000	1,600 4,500		2"	17 15 155	IP/IP IP/IP	\$ 171,380 \$ 327,274 \$ 446,114	\$ 5 \$ 14
Green	PRP.2734.Sohweizer Rd PRP.2734.Boatlanding Rd. PRP.2734.Jackson & Pearl St PRP.2734.Morgantown Rd & S Sunrise	Replace 185' of 2" unknown Coating, 572' of 2" Epoxy, and 1,121' 2" Bare Stl. with 1,600' of 2" PE. There has been 4 leaks on this pipe in the last year. 17 services Replace 273' of 1.25" Epoxy, 262' of 2" Epoxy, 1,184' of 6" Epoxy, and 2,501 of 6" Bare Stl. with 4,500' of 6" PE. This pipe has a history of leakage and has several leak clamps on it. 15 Services Replace 3,224' of 1.25" Epoxy, 6' of 1.25" PE, 1,524' of 2" Epoxy, 3,308' of 2" Bare Stl., 2,108' 3" Bare Stl., 269' of 2" unknown coating, 544' of 2" PE, 78' of 4" PE, with 5,810' of 2" PE. 155 services Replace 240' of 2" Pe, 27' of 2" Epoxy, 261' of 3" Bare, 167' of 4" Pe, 568' of 4" Epoxy, 3,422' of 4" Bare Stl. P., with 4,800' of 2" IP PE, Retire 2-LP Regulator Stations, 104 services Replace 2,671' of 1.25" Epoxy, 195' of 2" Epoxy, 122' of 1.25" PE, 4,207' of 2"	050.00000 - 00000 050.00000 - 00000	1,600 4,500 5,810		2 ⁿ 6 ⁿ 2 ⁿ	17 15 155	19/19 19/19 19/19	\$ 171,380 \$ 327,274 \$ 446,114	\$ 14 \$ 1
Green	PRP.2734.Sohweizer Rd PRP.2734.Boatlanding Rd. PRP.2734.Boatlanding Rd. PRP.2734.Jackson & Pearl St PRP.2734.Morgantown Rd & S Sunrise PRP.2734.Nutwood & 10th	Replace 185' of 2" unknown Coating, 572' of 2" Epoxy, and 1,121' 2" Bare Stl. with 1,600' of 2" PE. There has been 4 leaks on this pipe in the last year. 17 services Replace 273' of 1.25" Epoxy, 262' of 2" Epoxy, 1,184' of 6" Epoxy, and 2,501 of 6" Bare Stl. with 4,500' of 6" PE This pipe has a history of leakage and has several leak clamps on it. 15 Services Replace 3,224' of 1.25" Epoxy, 6' of 1.25" PE, 1,524' of 2" Epoxy, 3,308' of 2" Bare Stl., 2,108' 3" Bare Stl., 269' of 2" unknown coating, 544' of 2" PE, 78' of 4" PE, with 5,810' of 2" PE. 155 services Replace 240' of 2" Pe, 27' of 2" Epoxy, 261' of 3" Bare, 167' of 4" Pe, 568' of 4" Epoxy, 3,422' of 4" Bare Stl. LP, with 4,800' of 2" IP PE, Retire 2-LP Regulator Stations, 104 services Replace 2,671' of 1.25" Epoxy, 195' of 2" Epoxy, 122' of 1.25" PE, 4,207' of 2" Epoxy, 1,764' of 2" Bare Stl.,364' of 3" Epoxy, and 357' of 4" Epoxy with	050.00000 - 00000 050.00000 - 00000 050.00000 - 00000	1,600 4,500 5,810 4,800		2" 6" 2" 2"	17 15 155 104	IP/IP IP/IP IP/IP LP/IP	\$ 171,380 \$ 327,274 \$ 446,114 \$ 574,695	\$ 14 \$ 1
Green	PRP.2734.Sohweizer Rd PRP.2734.Boatlanding Rd. PRP.2734.Jackson & Pearl St PRP.2734.Morgantown Rd & S Sunrise	Replace 185' of 2" unknown Coating, 572' of 2" Epoxy, and 1,121' 2" Bare Stl. with 1,600' of 2" PE. There has been 4 leaks on this pipe in the last year. 17 services Replace 273' of 1.25" Epoxy, 262' of 2" Epoxy, 1,184' of 6" Epoxy, and 2,501 of 6" Bare Stl. with 4,500' of 6" PE. This pipe has a history of leakage and has several leak clamps on it. 15 Services Replace 3,224' of 1.25" Epoxy, 6' of 1.25" PE, 1,524' of 2" Epoxy, 3,308' of 2" Bare Stl., 2,108' 3" Bare Stl., 269' of 2" unknown coating, 544' of 2" PE, 78' of 4" PE, with 5,810' of 2" PE. 155 services Replace 240' of 2" Pe, 27' of 2" Epoxy, 261' of 3" Bare, 167' of 4" Pe, 568' of 4" Epoxy, 3,422' of 4" Bare Stl. P., with 4,800' of 2" IP PE, Retire 2-LP Regulator Stations, 104 services Replace 2,671' of 1.25" Epoxy, 195' of 2" Epoxy, 122' of 1.25" PE, 4,207' of 2"	050.00000 - 00000 050.00000 - 00000	1,600 4,500 5,810		2 ⁿ 6 ⁿ 2 ⁿ	17 15 155 104	19/19 19/19 19/19	\$ 171,380 \$ 327,274 \$ 446,114 \$ 574,695	\$ 14 \$ 1
Green	PRP.2734.Sohweizer Rd PRP.2734.Boatlanding Rd. PRP.2734.Boatlanding Rd. PRP.2734.Jackson & Pearl St PRP.2734.Morgantown Rd & S Sunrise PRP.2734.Nutwood & 10th	Replace 185' of 2" unknown Coating, 572' of 2" Epoxy, and 1,121' 2" Bare Stl. with 1,600' of 2" PE. There has been 4 leaks on this pipe in the last year. 17 services Replace 273' of 1.25" Epoxy, 262' of 2" Epoxy, 1,184' of 6" Epoxy, and 2,501 of 6" Bare Stl. with 4,500' of 6" PE. This pipe has a history of leakage and has several leak clamps on it. 15 Services Replace 3,224' of 1.25" Epoxy, 6' of 1.25" PE, 1,524' of 2" Epoxy, 3,308' of 2" Bare Stl., 2,108' 3" Bare Stl., 269' of 2" unknown coating, 544' of 2" PE, 78' of 4" PE. with 5,810' of 2" PE. 155 services Replace 240' of 2" Pe, 27' of 2" Epoxy, 261' of 3" Bare, 167' of 4" Pe, 568' of 4" Epoxy, 3,422' of 4" Bare Stl. P., with 4,800' of 2" IP PE, Retire 2-LP Regulator Stations, 104 services Replace 2,671' of 1.25" Epoxy, 195' of 2" Epoxy, 122' of 1.25" PE, 4,207' of 2" Epoxy, 1,764' of 2" Bare Stl.,364' of 3" Epoxy, and 357' of 4" Epoxy with 7,814' of 2" PE. 133 services	050.00000 - 00000 050.00000 - 00000 050.00000 - 00000	1,600 4,500 5,810 4,800		2" 6" 2" 2"	17 15 155 104	IP/IP IP/IP IP/IP LP/IP	\$ 171,380 \$ 327,274 \$ 446,114 \$ 574,695	\$ 1. \$ 1
Green	PRP.2734.Sohweizer Rd PRP.2734.Boatlanding Rd. PRP.2734.Jackson & Pearl St PRP.2734.Morgantown Rd & S Sunrise PRP.2734.Nutwood & 10th PRP.2734.Glen Lilly & N Sunrise	Replace 185' of 2" unknown Coating, 572' of 2" Epoxy, and 1,121' 2" Bare Stl. with 1,600' of 2" PE. There has been 4 leaks on this pipe in the last year. 17 services Replace 273' of 1.25" Epoxy, 262' of 2" Epoxy, 1,184' of 6" Epoxy, and 2,501 of 6" Bare Stl. with 4,500' of 6" PE This pipe has a history of leakage and has several leak clamps on it. 15 Services Replace 3,224' of 1.25" Epoxy, 6' of 1.25" PE, 1,524' of 2" Epoxy, 3,308' of 2" Bare Stl., 2,108' 3" Bare Stl., 269' of 2" unknown coating, 544' of 2" PE, 78' of 4" PE, with 5,810' of 2" PE. 155 services Replace 240' of 2" Pe, 27' of 2" Epoxy, 261' of 3" Bare, 167' of 4" Pe, 568' of 4" Epoxy, 3,422' of 4" Bare Stl. LP., with 4,800' of 2" IP PE, Retire 2-LP Regulator Stations, 104 services Replace 2,671' of 1.25" Epoxy, 195' of 2" Epoxy, 122' of 1.25" PE, 4,207' of 2" Epoxy, 1,764' of 2" Bare Stl.,364' of 3" Epoxy, and 357' of 4" Epoxy with 7,814' of 2" PE. 133 services Replace 393' of 2" Epxy, 64' of 6" Epoxy, 826' of 6" Bare Stl., 761' of 6" Mill	050.00000 - 00000 050.00000 - 00000 050.00000 - 00000 050.00000 - 00000	1,600 4,500 5,810 4,800 7,814		2" 6" 2" 2" 2"	15 15 155 104	12/12 12/12 12/12 12/12 12/12	\$ 171,380 \$ 327,274 \$ 446,114 \$ 574,695 \$ 570,987	\$ 14 \$ 1 \$ 1
Green	PRP.2734.Sohweizer Rd PRP.2734.Boatlanding Rd. PRP.2734.Boatlanding Rd. PRP.2734.Jackson & Pearl St PRP.2734.Morgantown Rd & S Sunrise PRP.2734.Nutwood & 10th	Replace 185' of 2" unknown Coating, 572' of 2" Epoxy, and 1,121' 2" Bare Stl. with 1,600' of 2" PE. There has been 4 leaks on this pipe in the last year. 17 services Replace 273' of 1.25" Epoxy, 262' of 2" Epoxy, 1,184' of 6" Epoxy, and 2,501 of 6" Bare Stl. with 4,500' of 6" PE. This pipe has a history of leakage and has several leak clamps on it. 15 Services Replace 3,224' of 1.25" Epoxy, 6' of 1.25" PE, 1,524' of 2" Epoxy, 3,308' of 2" Bare Stl., 2,108' 3" Bare Stl., 269' of 2" unknown coating, 544' of 2" PE, 78' of 4" PE. with 5,810' of 2" PE. 155 services Replace 240' of 2" Pe, 27' of 2" Epoxy, 261' of 3" Bare, 167' of 4" Pe, 568' of 4" Epoxy, 3,422' of 4" Bare Stl. P., with 4,800' of 2" IP PE, Retire 2-LP Regulator Stations, 104 services Replace 2,671' of 1.25" Epoxy, 195' of 2" Epoxy, 122' of 1.25" PE, 4,207' of 2" Epoxy, 1,764' of 2" Bare Stl.,364' of 3" Epoxy, and 357' of 4" Epoxy with 7,814' of 2" PE. 133 services	050.00000 - 00000 050.00000 - 00000 050.00000 - 00000	1,600 4,500 5,810 4,800		2" 6" 2" 2"	15 15 155 104	IP/IP IP/IP IP/IP LP/IP	\$ 171,380 \$ 327,274 \$ 446,114 \$ 574,695 \$ 570,987	\$ 14 \$ 1 \$ 1
g Green	PRP.2734.Sohweizer Rd PRP.2734.Boatlanding Rd. PRP.2734.Jackson & Pearl St PRP.2734.Morgantown Rd & S Sunrise PRP.2734.Nutwood & 10th PRP.2734.Glen Lilly & N Sunrise PRP.2734.WKU Normal Dr - Dogwood Dr.	Replace 185' of 2" unknown Coating, 572' of 2" Epoxy, and 1,121' 2" Bare Stl. with 1,600' of 2" PE. There has been 4 leaks on this pipe in the last year. 17 services Replace 273' of 1.25" Epoxy, 262' of 2" Epoxy, 1,184' of 6" Epoxy, and 2,501 of 6" Bare Stl. with 4,500' of 6" PE. This pipe has a history of leakage and has several leak clamps on it. 15 Services Replace 3,224' of 1.25" Epoxy, 6' of 1.25" PE, 1,524' of 2" Epoxy, 3,308' of 2" Bare Stl., 2,108' 3" Bare Stl., 269' of 2" unknown coating, 344' of 2" PE, 78' of 4" PE, with 5,810' of 2" PE. 155 services Replace 240' of 2" Pe, 27' of 2" Epoxy, 261' of 3" Bare, 167' of 4" Pe, 568' of 4" Epoxy, 3,422' of 4" Bare Stl. P., vith 4,800' of 2" IP PE, Retire 2-LP Regulator Stations, 104 services Replace 2,671' of 1.25" Epoxy, 195' of 2" Epoxy, 122' of 1.25" PE, 4,207' of 2" Epoxy, 1,764' of 2" Bare Stl.,364' of 3" Epoxy, and 357' of 4" Epoxy with 7,814' of 2" PE. 133 services Replace 393' of 2" Epxoy, 64' of 6" Epoxy, 826' of 6" Bare Stl., 761' of 6" Mill Wrap., with 1,800' of 6" PE. Pipe has a history of leakage. 6 Services	050,00000 - 00000 050,00000 - 00000 050,00000 - 00000 050,00000 - 00000 050,00000 - 00000	1,600 4,500 5,810 4,800 7,814		2 ⁿ 6 ⁿ 2 ⁿ 2 ⁿ 2 ⁿ 6 ⁿ	15 15 155 104 133	12/12 12/12 12/12 12/12 12/12	\$ 171,380 \$ 327,274 \$ 446,114 \$ 574,695 \$ 570,987	\$ 14 \$ 1 \$ 2
g Green	PRP.2734.Sohweizer Rd PRP.2734.Boatlanding Rd. PRP.2734.Jackson & Pearl St PRP.2734.Morgantown Rd & S Sunrise PRP.2734.Nutwood & 10th PRP.2734.Glen Lilly & N Sunrise	Replace 185' of 2" unknown Coating, 572' of 2" Epoxy, and 1,121' 2" Bare Stl. with 1,600' of 2" PE. There has been 4 leaks on this pipe in the last year. 17 services Replace 273' of 1.25" Epoxy, 262' of 2" Epoxy, 1,184' of 6" Epoxy, and 2,501 of 6" Bare Stl. with 4,500' of 6" PE This pipe has a history of leakage and has several leak clamps on it. 15 Services Replace 3,224' of 1.25" Epoxy, 6' of 1.25" PE, 1,524' of 2" Epoxy, 3,308' of 2" Bare Stl., 2,108' 3" Bare Stl., 269' of 2" unknown coating, 544' of 2" PE, 78' of 4" PE, with 5,810' of 2" PE. 155 services Replace 240' of 2" Pe, 27' of 2" Epoxy, 261' of 3" Bare, 167' of 4" Pe, 568' of 4" Epoxy, 3,422' of 4" Bare Stl. LP., with 4,800' of 2" IP PE, Retire 2-LP Regulator Stations, 104 services Replace 2,671' of 1.25" Epoxy, 195' of 2" Epoxy, 122' of 1.25" PE, 4,207' of 2" Epoxy, 1,764' of 2" Bare Stl.,364' of 3" Epoxy, and 357' of 4" Epoxy with 7,814' of 2" PE. 133 services Replace 393' of 2" Epxy, 64' of 6" Epoxy, 826' of 6" Bare Stl., 761' of 6" Mill	050.00000 - 00000 050.00000 - 00000 050.00000 - 00000 050.00000 - 00000	1,600 4,500 5,810 4,800 7,814	1400	2 ⁿ 6 ⁿ 2 ⁿ 2 ⁿ 2 ⁿ 6 ⁿ	15 15 155 104 133	12/12 12/12 12/12 12/12 12/12	\$ 171,380 \$ 327,274 \$ 446,114 \$ 574,695 \$ 570,987	\$ 14 \$ 1 \$ 2
g Green	PRP.2734.Sohweizer Rd PRP.2734.Boatlanding Rd. PRP.2734.Jackson & Pearl St PRP.2734.Morgantown Rd & S Sunrise PRP.2734.Nutwood & 10th PRP.2734.Glen Lilly & N Sunrise PRP.2734.WKU Normal Dr - Dogwood Dr.	Replace 185' of 2" unknown Coating, 572' of 2" Epoxy, and 1,121' 2" Bare Stl. with 1,600' of 2" PE. There has been 4 leaks on this pipe in the last year. 17 services Replace 273' of 1.25" Epoxy, 262' of 2" Epoxy, 1,184' of 6" Epoxy, and 2,501 of 6" Bare Stl. with 4,500' of 6" PE This pipe has a history of leakage and has several leak clamps on it. 15 Services Replace 3,224' of 1.25" Epoxy, 6' of 1.25" PE, 1,524' of 2" Epoxy, 3,308' of 2" Bare Stl., 2,108' 3" Bare Stl., 260' of 2" unknown coating, 544' of 2" PE, 78' of 4" PE, with 5,810' of 2" PE. 155 services Replace 3,204' of 0' 2" Pe, 27' of 2" Epoxy, 261' of 3" Bare, 167' of 4" Pe, 568' of 4" Epoxy, 3,422' of 4" Bare Stl. Lp., with 4,800' of 2" PP. Retire 2-LP Regulator Stations, 104 services Replace 2,671' of 1.25" Epoxy, 195' of 2" Epoxy, 122' of 1.25" PE, 4,207' of 2" Epoxy, 1,764' of 2" Bare Stl.,364' of 3" Epoxy, and 357' of 4" Epoxy with 7,814' of 2" PE. 133 services Replace 393' of 2" Epoxy, 64' of 6" Epoxy, 826' of 6" Bare Stl., 761' of 6" Mill Wrap., with 1,800' of 6" PE. Pipe has a history of leakage. 6 Services Retire 1,400' of 2" Bare Stl. in Holly Trailer Court no meters for 3yrs.	050,00000 - 00000 050,00000 - 00000 050,00000 - 00000 050,00000 - 00000 050,00000 - 00000	1,600 4,500 5,810 4,800 7,814		2 ⁿ 6 ⁿ 2 ⁿ 2 ⁿ 2 ⁿ 6 ⁿ	15 15 155 104 133	12/12 12/12 12/12 12/12 12/12	\$ 171,380 \$ 327,274 \$ 446,114 \$ 574,695 \$ 570,987	\$ 14 \$ 1 \$ 2
g Green	PRP.2734.Sohweizer Rd PRP.2734.Boatlanding Rd. PRP.2734.Boatlanding Rd. PRP.2734.Jackson & Pearl St PRP.2734.Morgantown Rd & S Sunrise PRP.2734.Nutwood & 10th PRP.2734.Glen Lilly & N Sunrise PRP.2734.WKU Normal Dr - Dogwood Dr. PRP.2734.Holly Dr	Replace 185' of 2" unknown Coating, 572' of 2" Epoxy, and 1,121' 2" Bare Stl. with 1,600' of 2" PE. There has been 4 leaks on this pipe in the last year. 17 services Replace 273' of 1.25" Epoxy, 262' of 2" Epoxy, 1,184' of 6" Epoxy, and 2,501 of 6" Bare Stl. with 4,500' of 6" PE. This pipe has a history of leakage and has several leak clamps on it. 15 Services Replace 3,224' of 1.25" Epoxy, 6' of 1.25" PE, 1,524' of 2" Epoxy, 3,308' of 2" Bare Stl., 2,108' 3" Bare Stl., 269' of 2" unknown coating, 544' of 2" PE, 78' of 4" PE, with 5,810' of 2" PE. 155 services Replace 240' of 2" Pe, 27' of 2" Epoxy, 261' of 3" Bare, 167' of 4" Pe, 568' of 4" Epoxy, 3,422' of 4" Bare Stl. P., with 4,800' of 2" IP PE, Retire 2-LP Regulator Stations, 104 services Replace 2,671' of 1.25" Epoxy, 195' of 2" Epoxy, 122' of 1.25" PE, 4,207' of 2" Epoxy, 1,764' of 2" Bare Stl.,364' of 3" Epoxy, and 357' of 4" Epoxy with 7,814' of 2" PE. 133 services Replace 393' of 2" Epoxy, 64' of 6" Epoxy, 826' of 6" Bare Stl., 761' of 6" Mill Wrap., with 1,800' of 6" PE. Pipe has a history of leakage. 6 Services Retire 1,400' of 2" Bare Stl. in Holly Trailer Court no meters for 3yrs. Replace 314' of 1.25" Epoxy, 1,592' of 4" Bare Stl., 430' of 4" Epoxy with	050,00000 - 00000 050,00000 - 00000 050,00000 - 00000 050,00000 - 00000 050,00000 - 00000	1,600 4,500 5,810 4,800 7,814		2 ⁿ 6 ⁿ 2 ⁿ 2 ⁿ 2 ⁿ 6 ⁿ	17 15 155 104 133	12/12 12/12 12/12 12/12 12/12	\$ 171,380 \$ 327,274 \$ 446,114 \$ 574,695 \$ 570,987 \$ 235,620	\$ 5 \$ 14 \$ 1: \$ 2:
g Green	PRP.2734.Sohweizer Rd PRP.2734.Boatlanding Rd. PRP.2734.Jackson & Pearl St PRP.2734.Morgantown Rd & S Sunrise PRP.2734.Nutwood & 10th PRP.2734.Glen Lilly & N Sunrise PRP.2734.WKU Normal Dr - Dogwood Dr.	Replace 185' of 2" unknown Coating, 572' of 2" Epoxy, and 1,121' 2" Bare Stl. with 1,600' of 2" PE. There has been 4 leaks on this pipe in the last year. 17 services Replace 273' of 1.25" Epoxy, 262' of 2" Epoxy, 1,184' of 6" Epoxy, and 2,501 of 6" Bare Stl. with 4,500' of 6" PE This pipe has a history of leakage and has several leak clamps on it. 15 Services Replace 3,224' of 1.25" Epoxy, 6' of 1.25" PE, 1,524' of 2" Epoxy, 3,308' of 2" Bare Stl., 2,108' 3" Bare Stl., 260' of 2" unknown coating, 544' of 2" PE, 78' of 4" PE, with 5,810' of 2" PE. 155 services Replace 3,204' of 0' 2" Pe, 27' of 2" Epoxy, 261' of 3" Bare, 167' of 4" Pe, 568' of 4" Epoxy, 3,422' of 4" Bare Stl. Lp., with 4,800' of 2" PP. Retire 2-LP Regulator Stations, 104 services Replace 2,671' of 1.25" Epoxy, 195' of 2" Epoxy, 122' of 1.25" PE, 4,207' of 2" Epoxy, 1,764' of 2" Bare Stl.,364' of 3" Epoxy, and 357' of 4" Epoxy with 7,814' of 2" PE. 133 services Replace 393' of 2" Epoxy, 64' of 6" Epoxy, 826' of 6" Bare Stl., 761' of 6" Mill Wrap., with 1,800' of 6" PE. Pipe has a history of leakage. 6 Services Retire 1,400' of 2" Bare Stl. in Holly Trailer Court no meters for 3yrs.	050,00000 - 00000 050,00000 - 00000 050,00000 - 00000 050,00000 - 00000 050,00000 - 00000 050,00000 - 00000	1,600 4,500 5,810 4,800 7,814		2" 6" 2" 2" 2" 6"	17 15 155 104 133	1P/IP 1P/IP 1P/IP 1P/IP	\$ 171,380 \$ 327,274 \$ 446,114 \$ 574,695 \$ 570,987 \$ 235,620	\$ 5 \$ 14 \$ 1. \$ 2 \$ 5
g Green	PRP.2734.Sohweizer Rd PRP.2734.Boatlanding Rd. PRP.2734.Boatlanding Rd. PRP.2734.Jackson & Pearl St PRP.2734.Morgantown Rd & S Sunrise PRP.2734.Nutwood & 10th PRP.2734.Glen Lilly & N Sunrise PRP.2734.WKU Normal Dr - Dogwood Dr. PRP.2734.Holly Dr	Replace 185' of 2" unknown Coating, 572' of 2" Epoxy, and 1,121' 2" Bare Stl. with 1,600' of 2" PE. There has been 4 leaks on this pipe in the last year. 17 services Replace 273' of 1.25" Epoxy, 262' of 2" Epoxy, 1,184' of 6" Epoxy, and 2,501 of 6" Bare Stl. with 4,500' of 6" PE. This pipe has a history of leakage and has several leak clamps on it. 15 Services Replace 3,224' of 1.25" Epoxy, 6' of 1.25" PE, 1,524' of 2" Epoxy, 3,308' of 2" Bare Stl., 2,108' 3" Bare Stl., 269' of 2" unknown coating, 344' of 2" PE, 78' of 4" PE, with 5,810' of 2" PE. 155 services Replace 240' of 2" Pe, 27' of 2" Epoxy, 261' of 3" Bare, 167' of 4" Pe, 568' of 4" Epoxy, 3,422' of 4' Bare Stl. P., with 4,800' of 2" IP PE, Retire 2-LP Regulator Stations, 104 services Replace 2,671' of 1.25" Epoxy, 195' of 2" Epoxy, 122' of 1.25" PE, 4,207' of 2" Epoxy, 1,764' of 2" Bare Stl.,364' of 3" Epoxy, and 357' of 4" Epoxy with 7,814' of 2" PE. 133 services Replace 393' of 2" Epoxy, 64' of 6" Epoxy, 826' of 6" Bare Stl., 761' of 6" Mill Wrap., with 1,800' of 6" PE. Pipe has a history of leakage. 6 Services Retire 1,400' of 2" Bare Stl. in Holly Trailer Court no meters for 3yrs. Replace 314' of 1.25" Epoxy, 1,592' of 4" Bare Stl., 430' of 4" Epoxy with 1,900' of 2" PE. History of leaks & several existing leak clamps. 5 srevices.	050,00000 - 00000 050,00000 - 00000 050,00000 - 00000 050,00000 - 00000 050,00000 - 00000 050,00000 - 00000	1,600 4,500 5,810 4,800 7,814		2" 6" 2" 2" 2" 6"	17 15 155 104 133	1P/IP 1P/IP 1P/IP 1P/IP	\$ 171,380 \$ 327,274 \$ 446,114 \$ 574,695 \$ 570,987 \$ 235,620 \$ 21,060	\$ 5 \$ 14 \$ 1: \$ 2: \$ 5

			Project / CB	Main			# Services			
Town	Project Title:	Overall Project Description:	Number	Installed (ft):	Main Retired	Main Size:	Replaced:	LP/IP/HP	Contract Labor S	ATO Labor S
	The area of the artist of	Replace 129' of 1.25" Bare Stl., 817' of 3" Epoxy, 45' of 2" Epoxy, 132' of 4"	0.50 00000 00000							_
	PRP,2734,Cedar & High St	PE, 1,078' of 4" Epoxy, 78' of 2" PE LP with 1350' of 2" PE LP. 25 Services	050.00000 - 00000	1,350	ļ	2"	25	LP/IP	\$ 21,747	\$ 35,
					 					
Rowletts	s 2735									
		Replace 2800' of 2" Bare Stl., 46' of 2" PE,371' Hot Tar, 987' of 2" Mill Wrap,								
	PRP.2735.Hwy 31W Rowletts	900' of 2" Epoxy with 4800' of 2" PE., with 42 Services. No Leaks	050,00000 - 00000	4,800		2"	42	IP/IP	\$ 385,440	\$ 15,
Cave City	y 2735									
0.11	2735									
Oakland	2/35	Replace 19' of 4" PE, 637' of 1.25" Bare Stl., 2514' of 2" Bare Stl., 1038' of 2"								
		Epoxy, 143' of 2" Hot Tar, 25' of 2" Mill Wrtap, 2110' of 1,25" Epoxy, 54' Of								
		1.25" Hot Tar, with 1300' of 2" PE., 2700' of 4" PE., with 27 Services. No								
	PRP.2735.Church St.	Leaks	050,00000 - 00000	4,000		2", 4"	27	IP/IP	\$ 328,200	\$ 13.
						ļ				
Munfordville	/									
Woodsonville	e 2735									
		Replace 35' of 2" PE, 338' of 4" Epoxy, 180' of 3" Epoxy 1,597' of 2" Epoxy								
	PRP,2735.South St	341' of 4" Mill Wrao, 98' of 1.25" Epoxy, 598' of 2" Mill Wrap., with 3,724' of 2" PE. 30 services.	050,00000 - 00000	3,724		2"	48	IP/IP	e 205.052	S 12
	FRF,2733.30ulii 3t	Replace 477 of 2" Epoxy, 186' of 1.25" Hot 'Tar, 555' of 2" Mill Wrap, 127' of	030,00000 - 00000	3,124		<u> </u>	40	IP/IF	\$ 325,052	\$ 12.
		1" Hot Tar, 568' of 2" PE, 386' of 4" Epoxy, 1,220' of 1.5" Bare Stl., 2,238' of								
		1.5" Adyl PE unlocateable, 82' of 2" Adyl PE unlocateable, 298' of 1.25"								
		Epoxy, 125' of 1.5" Epoxy, 42' of 2" Hot Tar, with 5,263' of 2" PE. Replace								
	PRP.2735.Woodsonville Rd	Woodsonville TBS and retire 1- Reg Station with 2" Distibution Tie back, 28 services.	050.00000 - 00000	5,263		2"	28	IP/IP	\$ 370,978	S 17,
	TRE 2735, Woodson in Rd	54 7003.	050.00000 - 00000	3,203	·		20	IF/AF	3 3/0,9/6	3 17,
Burgir	2737	D. J. 2001 CLOSIASTINI. D. J.							·····	
		Replace 333' of 1.25" Mill Wrap Bare Joint, 4,186',2" Mill Wrap bare Joint, 4,007' of 4" Epoxy, 1,975' of 2" PE of which some is unlocateable, 170' of 3"								
	PRP.2737,KY 33	Epoxy, 1,360' of 2" Epoxy.164 Services.	050.00000 - 00000	10,295		2",4"	164	IP/IP	\$ 742,887	S 33,
Lancaster	2737	Replace 28' of 6" Mill-Wrap Bare Joint, 198' of Plastic, 676' of 4" Mill Wrap-								
		Bare Joint, 5495' of 2" Mill Wrap - Bare Joint, 9711' of 2" Epoxy with 8450' of								
	PRP.2737.W.Maple Ave	2" PE., 1300' of 4" PE., with 125 Services	050,00000 - 00000	9,750		2", 4"	125	IP/IP	\$ 897,325	\$ 24,
	PRP,2737.Cowden Ct	Replace 4,745' of Bare 2" Stl. with 4,745' of 2" PE	050.00000 - 00000	4,745		2"	92	IP/IP		
Danville	e 2737									
2741171110	2,3,				 					
		Replace 4,750' 4" Bare Stl,IP with 6" PE IP & 1,525' 2" Bare IP Stl. With 2"								
	PRP,2737,Hwy150	PE IP. Allen Asphalt on the 4" line new 6" PE will eliminate pressure issues.	050.00000 - 00000	6,275		2',6"	40	IP/IP	\$ 485,529	\$ 20,
Burgii	2737									
burgii	PRP,2737,Burgin HPD -Shakertown	Replace 10,000' 2" bare with 4" steel; replace 28,000 3" bare with 6" PE	050,00000 - 0000	38,000		4"_6"		HPD/IP	\$ 2,210,218	S 4.1
				, 0				7	2,217,210	
Campbellsville	e 2738	D. J. OAAN OD GOLD DO								
	PRP.2738.Robinson Ave	Replace 8335' of Bare Sti. LP with 7735' of 2" & 600' 4" PE IP retire 3-LP Stations	050.00000 - 00000	8,335		2". 4"	107	LP/IP	\$ 665,803	\$ 27,
	1 to 2750 toolson ave	Replace 4,345' of 2" Epoxy, 277' of 4" Bare Stl., 663' of 4" PE, 140' of 2" Bare	050.00000 = 00000	6,333		4,4"	101	LP/IP	9 993,893	φ £1,
		Stl, 34' of 4" Epoxy LP with 5,442' of 2" PE IP. retire 2-LP Reg Sations, 43								
	PRP.2738 Baptist St	Services	050.00000 - 00000	5,442	ļ	2"	43			
	PRP.2738.Springfield Calvary	Replace 16 miles of 4" bare with 6" steel - carried from F18	050,44145 - 43698	52,800		6"		HPD	\$ 5,014,620	

417,189

\$ 34,187,818 S 1,039,011

								INDIRECT COS	TS			
Town	Project Title:	M;	aterial \$	Labor OI	15	Stores OH \$		SSU OH \$		BU OH \$	State OH S	Grand Total
Madisonville	2634						7					
	PRP.2634.Grapevine Rd	\$	21,940	\$ 11	372	\$ 1,975	\$	16,631	\$	18,007	\$ 23,542	\$ 339,193
	PRP.2634.Princeton Rd	\$	26,856			\$ 2,417		52,224	\$	56,547		\$ 1,066,165
Hanson	PRP.2634.Lunsford St 2634	\$	2,610	\$ 6	241	\$ 235	\$	1,485	\$	1,607	\$ 2,101	\$ 32,883
	PRP 2634 Hanson-Sunset Rd.	s	4,267	\$ 6	.004	\$ 384	\$	8,299	\$	8,986	\$ 11,748	\$ 169,427
Robards	2634						-					
	PRP,2634.Robards	\$	18,920	\$ 26	,620	\$ 1,703	\$	36,793	\$	39,839	\$ 52,083	\$ 751,152
Slaughters	2634						Ι					
	PRP.2634.Slaughters	\$	24,568	\$ 34	,566	S 2,2I1	\$	47,776	\$	51,731	\$ 67,631	\$ 975,374
Princeton	2635											
	PRP,2635,Princeton South Jefferson	\$	18,102	\$ 13	,582	S 1,629	\$	30,375	\$	32,889	\$ 42,997	\$ 615,926
	PRP.2635.Princeton Southwest	\$	12,724	s 17	,902	S 1,145	\$	26,694	\$	28,903	\$ 37,786	\$ 544,257
	TAX SOUD I THOUGH SOURTING		12,727	1/	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0 1,143	4	20,034		20,903	\$ 37,750	3 344,237
	PRP.2635.Princeton.West	\$	20,734	\$ 23	497	\$ 1,866	\$	39,254	\$	42,504	\$ 55,567	\$ 798,942
	PRP 2635.Princeton North	\$	35,093	\$ 30	,268	\$ 3,158	\$	46,002	\$	49,810	\$ 65,119	\$ 937,646
	PRP 2635 Princeton East	\$	14,671	\$ 18	.506	\$ 1,320	\$	32,110	\$	34,768	\$ 45,453	\$ 653,175
	PRP.2635.Whipporwill	\$	9,525	\$ 13	,400	S 857	\$	18,522	\$	20,055	\$ 26,219	\$ 378,135
Owensboro												
	PRP.2636.14th St	\$	50,782	\$ 24	,321	\$ 4,570	\$	36,857	\$	39,908	\$ 52,174	\$ 751,282
	PRP.2636.Carter - Bosley Rd	s	67,300	\$ 38	,610	\$ 6,057	\$	55,989	\$	60,624	\$ 79,257	\$ 1,142,098
	PRP 2636,Ford & Robin Rd	\$	17,742	\$ 11	,386	\$ 1,597	\$	16,761	\$	18,149	\$ 23.726	\$ 341,813
	PRP.2636.Glenn Ct	\$	14,623	\$ 12	,368	\$ 1,316	\$	17,480	\$	18,927	\$ 24,744	\$ 356,717
	PRP.2636.Eastwood Dr	\$	17,136			\$ 1,542		23,913	\$	25,892	\$ 33,850	\$ 488,072
	PRP.2636.W 6th & Crabtree	\$	2.158	S 7	,150	\$ 194	\$	1,998	\$	2,163	\$ 2,828	\$ 43,624
	PRP.2636.Plum Street	\$	1,671		,200	\$ 150		1,452	\$	1,572	\$ 2,055	\$ 31,705
	PRP,2636,Davies Dr (Hawesville)	S	6,120	\$ 3	,900	\$ 551	S	1.212	\$	1,312	\$ 1,716	\$ 26,250
Hopkinsville	2736	-					+-					

						,		,	INDIRECT COS	TS					
Town	Project Title:]	Material \$	Labor O	н \$	St	ores OH S		SSU OH \$		BU OH \$	Sta	te OH \$		Grand Total
		1.		:											
	PRP.2736.Central Ave	\$	24,325	\$ 2	4,335	\$	2,189	\$	34.097	\$	36,920	\$	48,266	\$	695,935
		_													
	PRP.2736.East 19th St	S	25,197	<u>\$</u> 2	8,207	\$	2.268	\$	33,286	\$	36,042	\$	47,119	\$	681,604
	nn erec n 1			_				_		_		_			
	PRP.2736.Phelps Ave	\$	27,849	\$ 2	6,682	\$	2,506	3	37,464	S	40,566	\$	53,033	\$	764,639
Paducah	2637	-				_									
r zopcan	2037														
	PRP,2637,Clark St Phase 1	\$	35,479	\$ 2	1,777	\$	3,193	S	34,142	\$	36,968	\$	48,330	\$	695,558
	PRP.2637.Mississippi-Georgia	\$	29,472	\$ 1	9,545	\$	2,652	\$	37,928	ę.	41,068	\$	53,690	s	770,381
	1 Cd 2007 (Prisons) ppr-Goorgia		27,412	Ψ	2,270	-	2.002	, p	37,920		41,000	Φ	33,090	٥	770,381
	PRP.2637,North 26th St	\$	46,981	\$ 4	0,310	\$	4,228	\$	61,966	\$_	67,096	\$	87,717	\$	1,262,810
	PRP.2637.Ohio Street	\$	19,418	\$ 1	4,233	\$	1,748	\$	23,360	\$	25,294	\$	33,068	\$	475,574
										_					
Russellville	2734														
	PRP.2734.West Russellville HPD	\$	713,194	\$ 2	1,339	s	64,187	\$	233,993	\$	253,363	\$	331,232	e	4,703,283
Bowling Green	2734					-			()		2071077			Ť	1,700,200
	PRP,2734,Schweizer Rd	\$	952,392	\$ 2	0,483	\$	85,715	\$	324,354	\$	351,204	\$	459,143	\$	6,515,013
	PRP.2734.Boatlanding Rd.	\$	3,080	\$	4,333	\$	277	\$	11,004	s	11,915	s	15,577	s	222,847
									<u> </u>						
	PRP 2734 Jackson & Pearl St	\$	44,550	\$ 1:	2,187	\$	4,010	\$	23,966	\$	25,950	\$	33,926	\$	486,714
	PRP.2734.Morgantown Rd & S Sunrise	\$	11,184	\$ 1:	5,735	\$	1,007	\$	29,316	\$	31,743	\$	41,499	s	595,771
-															
	PRP,2734.Nutwood & 10th	\$	9,240	\$ I	3,000	\$	832	\$	36,670	\$	39,706	\$	51,909	S	741,892
	PRP.2734.Glen Lilly & N Sunrise	\$	15,042	\$ 2	1,163	\$	1,354	\$	37,676	\$	40,795	\$	53,333	\$	766,136
	PRP.2734.WKU Normal Dr - Dogwood Dr.	S	17,820	S -	4,875	\$	1,604	\$	15,911	\$	17,228	\$	22,523	\$	321,521
	PRP.2734.Holly Dr	\$	250	\$	1,300	\$	23	S	152	\$	164	\$	214	\$	3,686
}	PRP.2734. Church Ave	\$	3,658	\$	7,800	\$	329	\$	2_323	\$	2,515	\$	3,289	\$	50,478
	PRP.2734.Centerline phase III			\$		\$	_	s	60.400	\$	65,400	s	85,500	s	1,211,300
Franklin	2734							<u> </u>		_					

		777798488						1	NDIRECT COS	TS		,			
Town	Project Title:	!	Material \$	Labor	· OH \$	Store	es OH \$		SSU OH \$		BU OH \$		State OH \$	Grand T	l'otal
		\dashv													
	PRP.2734.Cedar & High St	\$	2,600	\$	29,250	\$	234	\$	4,523	\$	4.898	\$	6,403	\$	105,29
Rowletts	2735														
TONICES	PRP,2735,Hwy 31W Rowletts	s	36,240	\$	13,000	S	3,262	\$	27,017	·	29,253	e	38,244	\$	548,29
	2735		20,210		10.000		5,202	¥	21,011	Ψ	27,233	"	30,244		340,47
Cave City	2133														
Oakland	2735														
	PRP.2735.Church St.	\$	19,450	\$	10,833	\$	1,751	\$	22,229	\$	24,069	\$	31,467	\$	451,19
Munfordville/ Woodsonville	2735														
	PRP,2735,South St	\$	7,169	\$	10,086	\$	645	\$	21,153	\$	22,904	s	29,943	\$	429,24
							•								
	PRP,2735, Woodsonville Rd	\$	42,131	\$	14,254	\$	3,792	8	26,662	\$	28,869	s	37,741	\$	541,79
Burgin	2737														
	PRP.2737.KY 33	s	33,348	\$	27,882	s	3,001	s	49,962	s	54,098	s	70,725	\$ 1	,015,87
Lancaster	2737														
Dantaster	2757														
	PRP 2737.W.Maple Ave	\$	23,059	\$	19,804		2,075	\$	57,774		62,556		81,782		,168,50
	PRP.2737.Cowden Ct	\$	9,134	\$	12,851	8	822	\$	22,617	\$	24,490	\$	32,016	\$	459,98
Danville	2737														
	PRP.2737.Hwy150	\$	49,960	\$	16,995	\$	4,496	\$	34,381	\$	37,227	\$	48,668	\$	697,96
Burgin	2737 PRP,2737.Burgin HPD -Shakertown	\$	870,794	•	3,404	g	78,371	\$	191,180	\$	207,007	6	270,628	6 3	.835,75
		3	870,754	Φ	5,404	Ф	70,371	J	191,180	Φ	207,007	.3	210,028	3 3	.033.7.
Campbellsville				_										_	
	PRP.2738.Robinson Ave	\$	18,025	\$	22,574	\$	1,622	\$	43,746	\$	47,368	\$	61,926	\$	888,57
	PRP.2738.Baptist St	\$	10,476	\$	14,739	\$	943	\$	29,268	\$	31,691	\$	41.431	s	594,31
	PRP.2738.Springfield Calvary	\$	3,489,059	\$	852,716	\$	314,015	\$	302,883 2,383,230	\$	327,956 2,580,518	\$	428,750 3,373,613	\$ 6	.074,20 219,98

					l							
Town	Cost Center	Description	Replacement Footage	Main Size:	# Services	LP/IP/HP	Contract Lab	oor	ATO Labor	Material 5	L	abor OH
Hopkinsville	2736											
	PRP.2736,N.19th & S. Main	Replace 306' of 4" N/A Plastic, 360' of 2" Bare Stl., 1285' of 2" Epoxy, 1322' of 4" Bare Stl., 1304' of 6" Bare Stl., 452' of 2" Plastic, 18' of 6" Epoxy, 1722' of 4" Epoxy, with 4045' of 2" PE., 2345' of 4" PE., with 95 Services	6,390	2", 4"	95	IP/IP	\$ 3	38,492	\$ 15,815	\$ 20	039 \$	12.5
	114 2730,11,134 43 57, 174411		0,000	2,7	1	24 744		30,432	ψ 15,615	3 20,	037 4	1.6.3
Paducah	2637								***************************************			
	PRP,2637,Paducah Lateral Replacement	Install 62,900' 12" steel to replace 6" bare steel from Texas Gas Purchase to Meachem Lane; downrate 8" existing 1955 transmission line to distribution; Magnolia River design, land, material only for 2020					\$ 4,00	00,000			\$	
	PRP.2637.Paducah Lateral Replacement	Install 62,900' 12" steel to replace 6" bare steel from Texas Gas Purchase to Meachem Lane; downrate 8" existing 1955 transmission line to distribution; Magnolia River turnkey; construction for 2021, 2022	11,650			HPD	\$ 5,00	000,00			\$	
Storage												
	PRP 2609.Fruithill to Elkton replacement	Install 14 miles 12" steel from Fruithill to Elkton, to replace 10" bare steel; rebuild purchase station; Magnolia River turnkey project — design, material, land for 2022				HPD	\$ 7,00	0,000			\$	
	PRP.2609.Fruithill to Elkton replacement	Install 14 miles 12" steel from Fruithill to Elkton, to replace 10" bare steel; rebuild purchase station; Magnolia River turnkey project — construction for 2023	73,920		***************************************	HPD	\$ 33,00	0.000,01			\$	
Bowling Green	2734											
	PRP.2734.Centerline phase M	Phase II from F19: Install 22,750' 8" steel to retire 1930 and 1938 Texas Gas lines; Magnolia River turnkey - construction 2020	22,750			HPD	\$ 9,00	0.000			s_	
Russellville	2734										_	
	Russellville, 9th, St.	Replace 2000' of 2" bare and 5000' of 4" bare with PE	7,000	2",4"	71		S 44	7,830	\$ 17,325	\$ 29.9	75 S	14,2
Owensboro												
	PRP 2634 Old Hartford Rd Replacement	Replace one mile 8" bare steel along Old Hartford Road	5,280			HPD	\$ 2,50	0,000			\$	
Harrodsburg												
	PRP.2737.Harrodsburg Lateral Replacement	Install 52,800' 12" steel from Tennessee Gas Pipeline to Harrodsburg, to replace 6" bare steel: Magnolia River design, land, material only for 2020					\$ 3,00	0,000			\$	
	PRP.2737.Harrodsburg Lateral Replacement PRP.2737.Harrodsburg Lateral Replacement	Install 52,800' 12" steel from Tennessee Gas Pipeline to Harrodsburg, to replace 6" bare steel; Magnolia River turnkey - construction 2021, 2022 Install 52,800' 12" steel from Tennessee Gas Pipeline to Harrodsburg, to replace	26,400				\$ 11,50	0,000			\$	
	PRP.2737.Platrodsourg Lateral Replacement	6" bare steel; Magnolia River turnkey - construction 2021, 2022	26,400			· HPD	\$ 11,50	0,000			\$	
Lancaster	2737					1						
		Replace 2749' of 6" Mill Wrap - Bare Joint, 946' of 4" Mill Wrap - Bare Joint, 21' of 4" Epoxy, 329' of 2" Mill Wrap - Bare Joint, with 510' of 2" PE., 2125' of 4" PE., 4050' of 6" PE., with 125 Services	6,685	2", 4", 6"	125	IP/IP	m		th TCEAS		20 4	
Project 1:	PRP.2737.KY 52-Danville St	Replace 104' of 1.25 Epoxy, 215' of 1.25 Bare Stl., 7151' of 2" Mill Wrap - Bare Joint, 192' of 2' Bare Stl., 751' of 2" Epoxy, 746' of 4" Mill Wrap - Bare Joint, 43' of Plastic, 97' of 4" Epoxy, with 6745' of 2" PE., 825' of 4" PE., with	6,083	2,4,5	123	IP/IP	5 54	5,496	\$ 16,545	\$ 52,1	80 \$	13.
	PRP,2737.Campbell St	112 Services	7,570	2", 4"	112	ІР/ІР	\$ 82	8,751	\$ 18,736	\$ 17,2	.95 \$	15,
	PRP.2737.Lancaster to Stanford bare replacement	Install 11 miles 6" steel from Lancaster to Stanford, to replace 4" bare steel; rebuild purchase station; Magnolia River turnkey project — design, material, land for 2022				HPD	\$ 3,00	000,000			\$	
	PRP.2737.Lancaster to Stanford bare replacement	Install 11 miles 6" steel from Lancaster to Stanford, to replace 4" bare steel; rebuild purchase station; Magnolia River turnkey project construction for 2023	58,080			HPD		0,000			\$	
	I,		20,000	L	1	1 31.15		· · · · · · · · · · · · · · · · · · ·		1	1.0	

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FY 2020	- 2022 KV PRP Project Identification				 	INDIRECT CO	STS					
Town	Cost Center	Description	Stor	es OH S		SSU OH S		BU OH \$	State	OH S		Grand Total
Hopkinsville									Diale	<u> </u>		0.444
	PRP.2736.N.19th & S. Main	Replace 306' of 4" N/A Plastic, 360' of 2" Bare Stl., 1285' of 2" Epoxy, 1322' of 4" Bare Stl., 1304' of 6" Bare Stl., 452' of 2" Plastic, 18' of 6" Epoxy, 1722' of 4" Epoxy, with 4045' of 2" PE., 2345' of 4" PE., with 95 Services	\$	1,804	s	23,113	\$	25,026	s	32,717	s	469.
					<u> </u>		ļ					
Paducah					ļ		ļ					
	PRP,2637,Paducah Lateral Replacement	Install 62,900' 12" steel to replace 6" bare steel from Texas Gas Purchase to Meachem Lane; downrate 8" existing 1955 transmission line to distribution; Magnolia River design, land, material only for 2020	\$		\$	241,600	\$	261,600	S	342,000	s	4,845
	PRP.2637.Paducah Lateral Replacement	Install 62,900' 12" steel to replace 6" bare steel from Texas Gas Purchase to Meachem Lane; downrate 8" existing 1955 transmission line to distribution; Magnolia River turnkey; construction for 2021, 2022	\$	_	s	302,000	\$	327,000	\$	427,500	\$	6,056
					<u> </u>							
Storage					ļ							
	PRP.2609.Fruithill to Elkton replacement	Install 14 miles 12" steel from Fruithill to Elkton, to replace 10" bare steel; rebuild purchase station; Magnolia River turnkey project design, material, land for 2022	\$	· <u>-</u>	\$	422,800	s	457 <u>.</u> 800	s	598,500	\$	8,479
	PRP,2609,Fruithill to Elkton replacement	Install 14 miles 12" steel from Fruithill to Elkton, to replace 10" bare steel; rebuild purchase station; Magnolia River turnkey project — construction for 2023	s	-	s	1,993,200	s	2,158,200	S 2	,821,500	\$	39,972.
							· · · · · ·				<u>.</u>	*****
Bowling Green	2734											***************************************
	PRP.2734. Centerline phase III	Phase II from F19: Install 22,750' 8" stoel to retire 1930 and 1938 Texas Gas lines; Magnolia River turnkey - construction 2020	\$		\$	543,600	\$	588,600	\$	769,500	\$	10,901
Russellville	2734				***************************************		\vdash					
A LOUVE OF THE CO	Russellville, 9th. St.	Replace 2000' of 2" bare and 5000' of 4" bare with PE	\$	2,698	S	30,499	S	33,024	\$	43,174	\$	618
Owensboro	2636				1		 					•••
	PRP.2634.Old Hartford Rd Replacement	Replace one mile 8" bare steel along Old Hartford Road	\$,	\$	151,000	\$	163,500	S	213,750	\$	3,028
Harrodsburg	2737				-							
	PRP,2737.Harrodsburg Lateral Replacement	Install 52,800' 12" steel from Tennessee Gas Pipeline to Harrodsburg, to replace 6" bare steel; Magnolia River design, land, material only for 2020	\$	-	s	181,200	s	196,200	\$	256,500	\$	3,633
	PRP,2737,Harrodsburg Lateral Replacement	Install 52,800' 12" steel from Tennessee Gas Pipeline to Harrodsburg, to replace 6" bare steel; Magnolia River turnkey - construction 2021, 2022	\$	-	\$	694,600	s	752,100	\$	983,250	\$	13,929
	PRP,2737,Harrodsburg Lateral Replacement	Install 52,800' 12" steel from Tennessee Gas Pipeline to Harrodsburg, to replace 6" bare steel; Magnolia River turnkey - construction 2021, 2022	\$		\$	694,600	s	752,100	\$	983,250	\$	13,929
Lancaster	r 2737						\vdash					
Lancaster	1 4/3/	Replace 2749' of 6" Mill Wrap - Bare Joint, 946' of 4" Mill Wrap - Bare Joint, 21' of 4" Epoxy, 329' of 2" Mill Wrap - Bare Joint, with 510' of 2" PE., 2125'										
Project 1:	PRP.2737.KY 52-Danville St	of 4" PE., 4050' of 6" PE., with 125 Services Replace 104' of 1.25 Epoxy, 215' of 1.25 Bare Stl., 7151' of 2" Mill Wrap -	\$	4,696	\$	37,794	\$	40,922	\$	53,500	\$	764
		Bare Joint, 192' of 2' Bare Stl., 751' of 2" Epoxy, 746' of 4" Mill Wrap - Bare joint, 43' of Plastic, 97' of 4" Epoxy, with 6745' of 2" PE., 825' of 4" PE., with										
	PRP.2737.Campbell St	F12 Services	\$	1,557	\$	52,793	\$	57,163	\$	74,731	S	1,066
	PRP.2737.Lancaster to Stanford bare replacement	Install 11 miles 6" steel from Lancaster to Stanford, to replace 4" bare steel; rebuild purchase station; Magnolia River turnkey project design, material, land for 2022	s		\$	181,200	s	196,200	\$	256,500	s	3,633
											-	
	PRP 2737,Lancaster to Stanford bare replacement	Install 11 miles 6" steel from Lancaster to Stanford, to replace 4" bare steel; rebuild purchase station; Magnolia River turnkey project construction for 2023	6			1,328,800		1,438,800	\$ 1	.881.000	_	26,648

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REQUEST:

Refer to Atmos's response to Staff's Second Post-Hearing Request, Item, 3.b. The project listing provided does not include a total mileage amount nor does the sum of the dollar totals correlate to the \$45.181 million total PRP spending for 2018 that was provided in Atmos's response to Staffs Second Post-Hearing Request, Item 1.c. Provide 2018 total mileage that corresponds to the projects listed and confirms the correct spending for the 2018 PRP program.

RESPONSE:

The Company, in response to Staff Second Post Hearing Request 2-03 part b., provided the filed/approved list of budgeted 2018 PRP projects. This project list totaled \$44.9M (As shown in cells D196; E196; F196; G196; & H196). The length of replacement for each project was listed in the project description of each project, and the Company has provided an updated attachment, Attachment 1, individually listing the replacement footage of each project in a separate column (See Excel Column C for replacement footage; please note that two projects which begin in 2018 will carry over into 2019 which is when the majority of that mileage will be replaced; the project list totaling \$44.9M in this attachment is now shown in cells E196; F196; G196; H196 and I196). As stated in Staff's Second Post Hearing Request 2-01 part c, the Company estimates it will now replace 52 miles at a total cost of \$45.2M, representing a less than 1% variance from budget.

In summary, our current forecast for 2018 is the \$45.2M and 52 miles of replacement.

ATTACHMENT:

ATTACHMENT 1 - Atmos Energy Corporation, Staff Post-Hearing_3-05_Att1 - 2018 KY PRP Project Details.xlsx, 4 Pages.

ATMOS ENERGY CORPORATION KENTUCKY PIPE REPLACEMENT PROGRAM SURCHARGE CALCULATION OF FORCASTED ACTIVITY

2018 PROJECT DETAILS

		Retired	No. of		Installation	I		st of Removal			Retirements	
Projects	Project Description	Footage (ff)	services_	Main	Services	Molers	Main	Services 3	leters	Main	Services	Meters
		•		-								
	Replace 1,031" of 2" Bare IP Main with 1,378' of 2" PE IP on											
PRP.2635.Baldwin St CC	Baldwin St. from Leach St., to 2" PE near Eagan St. Contractor	1,031		62,509			\$3,139					
	Material				-			•				
	Overhead											
PRP.2635.Darby St CC	Replace 280' of 2" Bare IP Main with 2" PE IP on Darby St. 4 Services	280	4	21,667			\$1,031					
PRE IZESSIDALDY SCOC	Contractor	260	7	21,007	5,284		31,031	278				
	Material				748	440						
	Overland Replace approximately 47,686' of 4" Bare HPD Stl with 6"				1,221	89		56				
PRP.2635.Marion.Fredonia.FY17	Sti HPD.	47,686	-	10,379,307			\$521,797					
	Contractor Material				•			-				
	Overhead					-						
	Replace 440' of 2" bare IP Main with 475' of 2" PE IP on											
PRP.2635,North Franklin St CC	North Franklin. 9 services Contractor	440	9	25,054	11,889		\$1,208	626				
	Muterial				1,68.3	990						
	Overhead				2,748	200		127				
	Replace 148' of 1.25" Epoxy, 690' of 2" Hot Tar, 106' of 2"											
	Epoxy, 117' of 3" Epoxy, 305' of 3" Hot Tar, 1,365' of 4"											
DDD DCGC 4H Ch	Epoxy, 3,275' of 4" Bare Stl., 319' of 4" N/A Plastic. Install	5 ADF		617.076			F27 207					
PRP.2636.Allen St	3,550' of 2" PE., and 4,225' of 4" PE.; 129 Services. Contractor	6,325	129	543,936	170,406		\$27,306	8,969				
	Material				24,123	14,190						
	Overheed				39,392	2,873		1.816				
	Retire 78' of 6" Hot Ter, 506' of 4" Epoxy, 2,197' of 8" Hot											
	Tar, 412' of 2" Epoxy, 730' of 4" Bare, 249' of 3" Hot Tar,											
PRP.2636.East 3rd St	31' of 2" Hot Tar, 1,294' of 4" Hot Tar, and 101' of 1.25" PE LP. Install 2,551' of 2" PE and 3,214' of 6" PE.	5,598	43	440,215			\$19,884					
ene.cooo.cast aru af	Contractor	5,588	43	440,213	56,802		917,004	2,990				
	Material				8,0-81	4,730						
	Overhead Replace 310' of 2" Epoxy, 362' of 2" Hot Tar, 4' of 3"				13,131	958		6/15				
	Epoxy, 631' of 4" Hot Tar, 195 of 4" Plastic, 1,547' of 6" Hot											
	Tar. Install 1,760' of 2" PE., and 1,330' of 4" PE.; 41											
PRP,2636.East 4th St	Services. Contractor	3,049	41	223,571	54,160		\$11,201	2,85 t				
	Material				7,667	4,510		-,				
	Overhend				12.520	913		577				
	Replace 359' of 3" Epoxy, 1,129' of 4" Bare Stl., 365' of 4"											
	Mill Wrap, 1,274' of 6" Epoxy, 768' of 6" Mill Wrap, 838' of											
ppp acad country to	6" Hot Yar, 673' of 6" Mill Wrap - Bare Joint, with 1,915' of	F 404	200	771 778			£10 (00					
PRP.2636.East 7th St	2" PE., 3,334' of 4" PE. L.P I.P.; 95 Services. Contractor	5,406	95	374,738	125,493		\$18,622	6,605				
	Motorial				17,765	10,459						
PRP.2636.HWY 231 CC	Overhead Replace 1,074' of Bare 2" IP Stl. with 1,074' of 4" PE IP	1.074		21 100	29,010	2,116	67 032	1,337				
PRP.2638.RWT 231 CL	Contractor	1,074	5	31,109	6,605		\$1,221	3/18				
*	Material				935	550						
	Overhead				1,527	Jil		70				
	Replace 865' of Bare 6" Stl, 418' of 2" Mill Wrap, 1,283' of											
	6" Mili Wrap Bare joint, 3,075' of 2" Mili Wrap bare Joint,											
	233' of 1.25" Epoxy, 2,480' of 2" Hot Yar, 5,575' of 2" Epoxy, 59' of 6" PE, 144' of 2" PE, 404' of 4" Mill Wrap,											
	2,162' of 8" Hot Tar, 31' of 6" Epoxy, 830' of 4" Epoxy,											
	1,611' of 2" Bare Stl., 432' of 4" Bare Stl. Instell 14,226' of						*****					
PRP.2636.1ewis In - Maple Ave	2" PE, 247' of 4" PE and 4,800' of 6" PE; 357 Services Contractor	19,602	357	1,329,889	471,588		\$64,016	24,820				
	Motorial				66,759	39,270						
	Overhead September 1 978' of 2" Energy St. with 3 700' of 2" DE no Mills				109,015	7,952		5,026				
PRP.2636,Mill St.CC	Replace 1,978' of 2" Epoxy Stl., with 3,700' of 2" PE. on Mill St.; 10 Services	1,978	10	72,322			\$3,280					
*	Contractor				13,210			695				
	Material Overhend				1,870 3,054	£,100 223		145				
	Replace 263' of Bare 2" Stl. IP with 263' of 2" PE IP; 5				3,034	243		141				
PRP,2636,W. Front St Cloverport CC	Services	263	5	13,558			\$635					
	Contractor Material				6,605 935	550		348				
	Overhead				1,527	550 111		70				
				•	*** **** *							
	Replace 200' of 2" Plastic, 1,270' of 2" Epoxy, 852' of 2" Bare STL., 349' of 3" Epoxy, 1,486" of 4" Epoxy, 27' of 4"											
	PE, 252' of 4" Bare Stl., 18' of 4" Fusion Bond Epoxy, 1,640											
	of 6" Bare Stl.,13' of 6" PE, install 1,630' of 2" PE., 1,795'											
PRP.2637.Clark St Phase 1	of 4" PE., and 2,380' of 6" PE. 80 Services Contractor	6,107	80	475,672	105,678		\$21,857	5,562				
	Material				14,966	8,800		W1210.6				
	Overhead				24,429	1,782		1,126				
	Replace 607' of 1.25" PE, 649' of 2" Epoxy Sti., 407' of 3" Epoxy Sti., 265' of 6" Epoxy Sti., and 2,015' of 6" Bare Sti.											
	Install 1,674' of 2" PE., 920' of 4" PE., and 2,810' of 6" PE.;											
PRP.2637.Clark St Phase 2	78 Services	3,943	78	384,318			518,463	,				
	Controlor Material				103,036 14,586	8,580		5,423				
	Overhead				23,818	1,737		1,098				
	Replace 122' of 3" Bare Sti., 1,678' of 4 Bare Sti., 1,863' of											
PRP.2637,Forrest Hills 2	6" Bare Sti., 15' of 6" HDPE. Install 3,500' of 2" PE., 1,780' of 4" PE., and 1,900' of 6" PE.	3,678	110	585,050			\$26,844					
, to more questions will be	Contractor	2,010	***	2004000	145,307		220,047	7,648				
	Material				20,570	12,100						
	Overhead				33,590	2,450		1,549				

		_							
	Replace 2,351' of 2" Bare Stl., 344' of 2" Epoxy, 345' of 4"								
	Bare Sti., 4' of 2" PE, 385' of 4" Bare Sti., 359' of 6" Bare								
PED 2522 C	Sti., 530' of 6" Epoxy. Install 3,415' of 2" PE., 419' of 4"	4.318	100	261 276			\$17,760		
PRP.2637.Georgia-Cornell	PE., and 883' of 6" PE.; 100 Services Contractor	4,318	100	351,276	132.098		517,700	6,953	
	Material				132,095	11,000		6,955	
	Overhead				30,536	2,228		1,408	
					,				
	Replace 3,664' of 2" Bare Stl., 34' of 2" Epoxy Stl., 262' of								
	2" Plastic, 746' of 4" Bare Stl. and 40' Of 4" Epoxy Stl.								
PRP.2637.Mississippi-Georgia	install 4,140° of 2" PE., and 765 of 4" PE. 115 Services	4,746	115	369,061			S18,540		
	Contractor				151,912			7,995	
	Majerial				21,505	12,650			
	Overlead Replace 62 feet of 8" Epoxy, 426 feet of 2" Mill Wrap, 15				35,117	2,562		1,619	
	feet of 6" PE, 3,559 feet of 8" Bare Sti., 1,949 feet of 6"								
	Bare Stl. , 309 feet of 2" PE, 481 feet of 2" Epoxy, 74 feet								
	of 6" Epaxy. Install 855 feet of 2" PE, 80 feet of 4" PE and								
PRP.2637.Trimble Hill 8 Inch	5,635 feet of 6" PE; 30 Services	6,875	30	663,533			\$30,147		
	Contractor	-		·	39,629		•	2,086	
	Material				5,610	3,300			
	Overhead				9,161	668		422	
	Replace 31' of 2" PE, 325' of 3" Epoxy, 504' of 4" Epoxy,								
	1,798' of 4" Bare Sti., 430' of 6" Bare Sti. Install 2,650' of								
PRP.2734.Adams St & W 14th	2" PE. 28 Services	3,088	28	316,758			SI6,159		
	Contractor Materiol				36,987	7.060		1.947	
	Niateriai Overhead				5,236 8,550	3,080 624		394	
L	Replace 888' of 2" Bare LP steel with 900' of 2" PE IP;				0,350	924		39+	
PRP.2734.CC.Mimosa Alley	Remove 1-LP Regulator Station, 7 Services.	888	7	117,759			\$5,744		
,	Contractor		•	,	9,247		,	487	
	Material				1,309	770			
	Overhead				2,138	156		99	
	Replace 3' of 2" Epoxy, 967' of 4" Epoxy with 950' of 2" PE.								
PRP.2784.Cherry St CC	12 Services	970	12	35,695			\$1,771		
	Contractor				15,852			834	
	Material				2.244	1,320			
L	Overhead				3,664	267		169	
	Replace 640' of 2" Bare Stl., 520' of 2" Epoxy, 2' of Plastic,								
	481 of 4" Epoxy, 718' of 4" Sare Stl., 210' of 6" Epoxy, and								
PRP,2734,Church & Veterans St	1,568' of 10". Install 3,820' of 2" PE. 47 Services	4,137	47	385,444			\$19,942		
	Contractor	,,			62,086		,-	3,268	
	Minterial				8.739	5,170			
	Overhead				14,352	1,047		562	
	Replace 111' of 2" Epoxy, 237' of 4" Epoxy, 738' of plastic,								
	3,024' of 4" Bare Stl., and 583' of 4" PE. Install 4,470' of 2"								
PRP.2734 East 10th & 31W	PE. I.P.; 77 Services	3,955	77	538,167			\$26,767		
	Contractor Material				101,715			5,353	
	Material Overhead				14,399	8,470		1.03.1	
<u>'</u>	Replace 41' of 1" Epoxy, 2,887' of 2" Bare Stl., 83' of 2"				23,513	1,715		1,034	
	Epoxy and 64' of 2" PE. Install 2,170' of 2" PE.; 24								
PRP.2734.East 9th & S Main	Services	3,025	24	326,919			\$17,279		
	Contractor	-,			31.703			1,669	
	Material				-1,488	2,640			
	Overhead				7,329	535		338	
	Replace 79' of 1.25" Epoxy, 140' of 2" Epoxy and 762' of 2"		·						
PRP.2734.Mcelwain Ct CC	Bare Stl. IP with 591' of 2" PE IP. 20 Services	981	20	33,364			\$1,702		
	Contractor				26,420	,		1,391	
	Materiol Overhead				3,740	2,200		22.2	
	Project will consist of the replacement of 4.7 miles of Bare				6,107	446		282	
	Stl, with new 6° High Pressure distribution. Fiscal Year								
	2018 portion will be for the acquisition of Right-Of-Way								
PRP.2734.Schweizer Rd.	only.	-		324,753					
	Cratactor							-	
					-	-			
	Material								
	Overhead								
	Overhead Franklin, KY. Replace 951' of 3" Bare Stl. with 950' of 2"								
PRP.2734.Scottland Ave & Washington St CC	Overhead Franklin, KY. Replace 951' of 3" Bare Sti. with 950' of 2" PE., with 12 Services	951	12	37,271			\$1,771		
	Overhead Franklin, KY. Replace 951' of 3" Bare Stl. with 950' of 2" PE., with 12 Services Contractor	951	12	37,271	15,852		\$1,771	834	
	Overhead Franklin, KY. Replace 951' of 3" Bare Sti. with 950' of 2" PE., with 12 Services Contractor Material	951	12	37,271	2,244	1,320	\$1,771		
	Overhead Franklin, KY. Replace 951' of 3" Bare Stl. with 950' of 2" PE, with 12 Services Contractor Material Overhead	951	12	37,271		1,320 267	\$1,771	834 169	
	Overhead Franklin, KY. Replace 951' of 3" Bare Sti. with 950' of 2" PE, with 12 Services Contractor Material Overhead Replace 13 feet of 2" PE, 578 feet of 3" Epoxy, 341 feet of	951	12	37,271	2,244		\$1,771		
	Overhead Franklin, KY, Replace 951' of 3" Bare Stl. with 950' of 2" PE, with 12 Services Contactor Material Overhead Replace 13 feet of 2" PE, 578 feet of 3" Epoxy, 341 feet of 4" Bare Stl., 650 feet of 4" Epoxy, 774 feet of 6" Bare Stl.,	951	12	37,271	2,244		\$1,771		
PRP.2734.Scottland Ave & WashIngton St CC	Overhead Franklin, KY. Replace 951' of 3" Bare Stl. with 950' of 2" PE, with 12 Services Contractor Material Material Replace 13 feet of 2" PE, 578 feet of 3" Epoxy, 341 feet of 4" Bare Stl., 630 feet of 4" Epoxy, 774 feet of 6" Bare Stl., 400 feet 6" Epoxy, 1nstall 2,220 feet of 2" PE IP. 30				2,244				
	Overhead Franklin, KY, Replace 951' of 3" Bare Stl. with 950' of 2" PE, with 12 Services Contactor Material Overhead Replace 13 feet of 2" PE, 578 feet of 3" Epoxy, 341 feet of 4" Bare Stl., 650 feet of 4" Epoxy, 774 feet of 6" Bare Stl.,	951	12	37,271 355,339	2,244 3,664		\$1,771 \$17,793		
PRP.2734.Scottland Ave & WashIngton St CC	Overhead Franklin, KY, Replace 951' of 3" Bare Stl. with 950' of 2" PE, with 12 Services Contractor Material Overhead Replace 13 feet of 2" PE, 578 feet of 3" Epoxy, 341 feet of 4" Bare Stl., 630 feet of 4" Epoxy, 774 feet of 6" Bare Stl., 400 feet 6" Epoxy, Install 2,220 feet of 2" PE IP. 30 Services				2,244			169	

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PRP.2734.W Kentucky Ave CC	Replace 180' of 2" PE, 1,642' of 3" Bare Sti., 201' of 4"	0.000		40.010			63.171		
	Plastic, with 1,370° of 2" PE.; 21 Services Contractor	2,023	21	68,940	27,740		\$3,471	1,460	
	Material				3,927	2,310		1.300	
	Overhead				6,413	468		296	
	Replace 602' of 2" Epoxy, 371' of 2" Plastic, 687' of 3" Bare								
	Stl., 1,348' of 3" Epoxy, 1,537' of 4" Bare Stl.,687' of 4"								
	Epoxy, 61' of 4" Plastic, and 16' of Unkown. Install 4,440"								
PRP.2734.West 10th & Payne	of 2" PE,	5,293	77	526,184			\$26,309		
1	Contractor				101,713			5,353	
	Material Overhead				14,399	8,470		1,084	
	Oydinar				23,513	1,715		1,370.9	
	Replace 359' of 2" P.E., 2,932' of 4" Bare Stl., 84' of 2" Hot								
	Tar, 92' of .75" of Epoxy Stl., 357" of 4" Hot Tar, 145' of 4"								
	Epoxy, 420' of 2" Epoxy, 1,088' of 2" Bare Stl., 41' of 3"								
	Bare Stl., 348' of 2" Mill Wrap, 6' of 2" Unknown Stl.								
PRP.2735,6th-Main St - SG	Install 2,250' of 2" PE & 2,200' of 4" PE IP. 44 Services	5,822	44	438,600			\$21,057		
	Contractor Material				58,123	Lean		3,059	
	Overhead				8,228 13,-136	4,840 980		619	
	C Talled				27,7130	230		0.7	
	Replace 134' of 2" Hot Tar, 111' of 1.25" Bare Stl., 2,590' of								
	4" PE, 2,698' of 4" Epxoy Stl., 34' of 3" Epoxy Stl., 187' of 2"								
	PE, 346' of 2" Epoxy Sti., 3,509' of 3" Bare Sti., 708' of 2"								
	Bare Stl., 381' of 2" Mill Wrap, and 701' of 4" Bare Stl.								
PRP.2735.S.Main-Lawson - SG I	Install 5,700' of 2" PE and 4,150' of 4" PE IP. 104 Services	11,399	104	955,714			\$48,891		
	Contractor Moterful				137,381	13 440		7,231	
	Overhead				19,448 31,758	13,440 2,317		1,464	
<u> </u>	Replace 295' of 4" N/A Plastic, 865' of 2" Epoxy, 1,474' of				31,630	4,911		Langer .	
	4" Bare Stl., 1,197' of 6" Bare Stl., 4,000' of 4" Epoxy, 271'								
	of 2" N/A Plastic. Install 6,855' of 2" PE., 2,130' of 4" PE.;								
PRP.2736.Central Ave	116 Services.	8,102	116	695,820			\$30,868		
	Contractor				153,233			8,065	
	Muterial Overhead				21,692	12,760		1.633	
	Oversiona				35,422	2,584		1,633	
	Replace 2,093' of 6" Bare Sti., 2,452' of 4" Epoxy, 1,421' of								
	4" Bare Sti., 1,105' of 2" Epoxy, & 1,053' of 4" Plastic,								
PRP.2736,East 13th St	Install 4,840' of 2" PE., and 3,900' of 4" PE., 119 Services.	8,124	119	622,948			\$30,028		
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Contractor				157,196			8,273	
	Material				22,253	13,090			
	Overhead				36,338	2,651		1,675	
PRO ARRA MALALAN E	Replace 16,106' of bare 2" & 4" LP steel with 8,355' of 2"								
PRP.2736.Kirkman.Bryan.Liberty	PE and 7,750' of 4" PE IP; 263 services. Contractor	16,105	263	584,493	347,416		\$30,088	18,285	
	Material				49.181	28,930		10,400	
	Overhead				80,311	5,858		3,703	
	Replace 204' of 2" PE, 185' feet of 2" Mill Wrap - Bare								
PRP,2737,Cogar Ave	Joint, 3,610 of 2" Epoxy, with 3,930 of 2" PE., 75 Services	3,999	75	434,523			S21,319		
	Contractor				99.673			5,214	
	Material Overhead				14,025	8,250 1,671		1,056	
	Replace 5,540' of 2" Mill-Wrap Bare Joint, 6,534' of 2"				22,702	1,071			
	Epoxy, 58' of 4" Epoxy, 2,934' of 4" Mill-Wrap, with 11,109'								
PRP.2737.Hamilton Ave	of 2" PE., and 2,950' of 4" PE.,180 Services	15,066	180	1,049,379			\$54,116		
	Contractor				237,776			12,515	
	Material								
					33,660	19.800			
DAN DAN NU 4349	Overhend	F60		A4 024	33,660 54.966	19.800 4,010	61005	2,534	
PRP.2737.KY.1247	Overhead Replace 500' of 4" steel with 500' of 4" HDPE	500	-	97,957			\$4,295	2,53-1	
PRP.2737.KY.1247	Overhead Replace 500' of 4" steel with 500' of 4" HDPE Contractor	500	-	97,957			\$4,295	2,534	
PRP.2737.KY.1247	Overhead Replace 500' of 4" steel with 500' of 4" HDPE	500		97,957			\$4,295	2,53-1	
	Overhead Replace 500' of 4" steel with 500' of 4" HDPE Contractor Material Overhead Replace 6' of Mill Wrop Bare Joint 2" Stl & 1,234" of 2"		÷					2,534	
PRP.2737.KY.1247 PRP.2737.West Lane	Overhead Replace 500' of 4" steel with 500' of 4" HDPE Contextor Matcrial Overhead Replace 6' of Mill Wrap Bare Joint 2" Stl & 1,234" of 2" Epoxy [P, with 3,238" of 2" PE [P] 70 Services	500 1,234	20	97,957 124,157	54,966 - -		\$4,295 \$5,915	-	
	Overhead Replace 500' of 4" steel with 500' of 4" HDPE Contractor Milstrial Overhead Replace 6" of Mill Wrap Bare Joint 2" St & 1,234" of 2" Eposy IP, with 1,236" of 2" PE IP; 20 Services Contractor		20		54.965 - - - 25.420	4,010		2,53-1	
	Overhead Replace 500' of 4" steel with 500' of 4" HDPE Contractor Material Overhead Replace 6 of Mill Wrop Bare Joint 2" Stl & 1,234" of 2" Eposy IP, with 1,236' of 2" PE IP; 20 Services Contractor Material		20		24,966 -	4,010		1,391	
	Overhead Replace SOO' of 4" steel with 500' of 4" HDPE Contractor Metrical Overhead Replace 6' of Mill Wrap Bare Joint 2" Sti & 1,234' of 2" Epoxy IP, with 1,236' of 2" PE IP; 20 Services Metrical Overhead		20		54.965 - - - 25.420	4,010		-	
	Overhead Replace 500' of 4" steel with 500' of 4" HDPE Contractor Material Overhead Replace 6' of Mill Wrap Bare Joint 2" Stl & 1,234' of 2" Epocy IP, with 1,236' of 2" PE IP; 20 Services Contractor Material Overhead Replace 1,576' of 6" Mill Wrap Bare Joint Stl., 357' of 2"		20		24,966 -	4,010		1,391	
	Overhead Replace 500' of 4" steel with 500' of 4" HDPE Contractor Material Overhead Replace 6' of Mill Wrap Bare Joint 2" SI & 1,234' of 2" Epoxy IP, with 1,236' of 2" PE IP; 20 Services Contractor Material Overhead Replace 1,576' of 6" Mill Wrap Bare Joint \$11,357' of 2" Epoxy, 812' of 3" Epoxy, 611' of 4" Epoxy, 95' of 6" Epoxy,		20		24,966 -	4,010		1,391	
	Overhead Replace 500' of 4" steel with 500' of 4" HDPE Contractor Material Overhead Replace 6' of Mill Wrap Bare Joint 2" Stl & 1,234' of 2" Epocy IP, with 1,236' of 2" PE IP; 20 Services Contractor Material Overhead Replace 1,576' of 6" Mill Wrap Bare Joint Stl., 357' of 2"		20		24,966 -	4,010		1,391	
PRP.Z737.West Lane	Overhead Replace 500' of 4" steel with 500' of 4" HDPE Contractor Material Overhead Replace 6' of Mill Wrap Bare Joint 2" 5tl & 1,234' of 2" Epoxy IP, with 1,236' of 2" PE IP; 20 Services Contractor Material Overhead Replace 1,576' of 6" Mill Wrap Bare Joint 5tl, 357' of 2" Epoxy, 812' of 3" Epoxy, 611' of 4" Epoxy, 95' of 6" Epoxy, 878' of 3" Bare Stl, 3,584' of 4" Hot Tar, 11' of 2" Mill Wrap, 341' of 4" NyA Plessic, 320' of 4" Bare Stl. Instal 2,000' of 2" P.E. and 7,255' of 6" P.E. 61 Bare Stl. Instal 2,000' of 2" P.E. and 7,255' of 6" P.E. 6	1,254	20	124,157	24,966 -	4,010	\$5,915	1,391	
	Overhead Replace 50' of 4" steel with 500' of 4" HDPE Contractor Milstrial Overhead Replace 6' of Mill Wrap Bare Joint 2" Stl & 1,234' of 2" Epocy IP, with 1,236' of 2" PE IP; 20 Services Contractor Milstrial Overhead Replace 1,576' of 6" Mill Wrtap Bare Joint Stl., 357' of 2" Epocy, 812' of 3" Epocy, 611' of 4" Epocy, 55' of 6" Epocy, 878' of 3" Bare Stl., 558' of 2" Bare Stl., 559' of 4" Hot Tar, 11' of 2" Mill Wrap, 341' of 4" N/A Plastic, 320' of 4" Bare Stl. Install 2,080' of 2" P.E. and 7,255' of 6" P.E. 61 Services		20		26,420 3,740 6,107	4,010		1,391 232	
PRP.Z737.West Lane	Overhead Replace SOO' of 4" steel with 500' of 4" HDPE Contractor Material Overhead Replace 6' of Mill Wrap Bare Joint 2" SU & 1,234' of 2" Epoxy IP, with 1,236' of 2" PE IP; 20 Services Contractor Material Overhead Replace 1,576' of 6" Mill Wrap Bare Joint 511, 357' of 2" Epoxy, 812' of 3" Epoxy, 611' of 4" Epoxy, 95' of 6" Epoxy, 818' of 3" Bare SU, 558' of 2" Bare SU, 3,504' of 4" Hot Tar, 11' of 2" Mill wrap, 341' of 4" NJA Plastic, 320' of 4" Bare SU. Install 2,080' of 2" P.E. and 7,255' of 6" P.E. 61 Services Contractor	1,254		124,157	26,420 3,740 6,107	2.200 446	\$5,915	1,391	
PRP.Z737.West Lane	Overhead Replace 50' of 4" steel with 500' of 4" HDPE Contractor Material Overhead Replace 6" of Mill Wrap Bare Joint 2" Sti & 1,234" of 2" Eposy IP, with 1,236" of 2" PE IP; 20 Services Contractor Material Overhead Replace 1,576' of 6" Mill Wrap Bare Joint Stl., 357" of 2" Eposy, 812" of 3" Expoy, 611" of 4" Eposy, 52" of 6" Eposy, 53" of 3" Bare Stl., 356" of 4" Hot Tar, 11" of 2" Mill wrap, 341" of 4" NA Plastic, 320" of 4" Bare Stl. Install 2,080" of 2" P.E. and 7,255" of 6" P.E. 61 Services Contractor Material	1,254		124,157	54,966 	2,200 416	\$5,915	1,391 282 4,241	
PRP.Z737.West Lane	Overhead Replace SOO' of 4" steel with 500' of 4" HDPE Contractor Material Overhead Replace 6' of Mill Wrap Bare Joint 2" SU & 1,234' of 2" Epoxy IP, with 1,236' of 2" PE IP; 20 Services Contractor Material Overhead Replace 1,576' of 6" Mill Wrap Bare Joint 511, 357' of 2" Epoxy, 812' of 3" Epoxy, 611' of 4" Epoxy, 95' of 6" Epoxy, 818' of 3" Bare SU, 558' of 2" Bare SU, 3,504' of 4" Hot Tar, 11' of 2" Mill wrap, 341' of 4" NJA Plastic, 320' of 4" Bare SU. Install 2,080' of 2" P.E. and 7,255' of 6" P.E. 61 Services Contractor	1,254		124,157	26,420 3,740 6,107	2.200 446	\$5,915	1,391 232	
PRP.Z737.West Lane	Overhead Replace 500' of 4" steel with 500' of 4" HDPE Contractor Material Overhead Replace 6' of Mill Wrap Bare Joint 2" 5tl & 1,234' of 2" Epoxy IP, with 1,236' of 2" PE IP; 20 Services Contractor Material Overhead Replace 1,576' of 6" Mill Wrap Bare Joint 5tl, 357' of 2" Epoxy, 12' of 3" Epoxy, 611' of 4" Epoxy, 95' of 6" Epoxy, 878' of 3" Bare 5tl, 558' of 2" Bare 5tl, 3,534' of 4" Hot Tar, 11' of 2' Mill Wrap, 341' of 4" N/A Plastic, 320' of 4" Bare 5tl, Install 2,080' of 2" P.E. and 7,255' of 6" P.E. 61 Services Contractor Material Overhead	1,254		124,157	54,966 	2,200 416	\$5,915	1,391 282 4,241	
PRP.Z737.West Lane	Overhead Replace 50' of 4" steel with 500' of 4" HDPE Contractor Material Overhead Replace 6" of Mill Wrap Bare Joint 2" Sti & 1,234" of 2" Eposy IP, with 1,236" of 2" PE IP; 20 Services Contractor Material Overhead Replace 1,576' of 6" Mill Wrap Bare Joint Stl., 357" of 2" Eposy, 812" of 3" Expoy, 611" of 4" Eposy, 52" of 6" Eposy, 53" of 3" Bare Stl., 356" of 4" Hot Tar, 11" of 2" Mill wrap, 341" of 4" NA Plastic, 320" of 4" Bare Stl. Install 2,080" of 2" P.E. and 7,255" of 6" P.E. 61 Services Contractor Material	1,254		124,157	54,966 	2,200 416	\$5,915	1,391 282 4,241	
PRP.Z737.West Lane	Overhead Replace 50' of 4" steel with 500' of 4" HDPE Contractor Miletrial Overhead Replace 6" of Mill Wrap Bare Joint 2" 5tl & 1,234" of 2" Eposy IP, with 1,236" of 2" PE IP; 20 Services Contractor Miletrial Overhead Replace 1,576" of 6" Mill Wrtap Bare Joint 5tl., 357" of 2" Eposy, 612" of 3" Eposy, 611" of 4" Eposy, 55" of 6" Eposy, 57" of 7" Bare 5tl., 356" of 4" Hot Tar, 11" of 2" Mill wrap, 341" of 4" N/A Plastic, 320" of 4" Bare 5tl. Install 2,080" of 2" P.E. and 7,255" of 6" P.E. 61 Services Contractor Miletrial Overhead Replace 2,394 feet of 6" Mill Wrap Bare Joint, 173 feet of 4" Eposy, 500 feet of 4" Bare 5tl., 364" feet of 4" Plastic, 703 feet of 2" Ears 5tl., 264 feet of 2" Eposy, 750 feet of 4" Ears 5tl., 545 feet of 2" Eposy, 750 feet of 4" Ears 5tl., 545 feet of 2" Eposy, 750 feet of 4" Ears 5tl., 545 feet of 2" Eposy, 755 feet of	1,254		124,157	54,966 	2,200 416	\$5,915	1,391 282 4,241	
PRP.2737.West Lane PRP.2738.Chandler Ave	Overhead Replace 500' of 4" steel with 500' of 4" HDPE Contractor Material Overhead Replace 6' of Mill Wrap Bare Joint 2" 5H & 1,234' of 2" Epoxy IP, with 1,236' of 2" PE IP; 20 Services Contractor Material Overhead Replace 1,576' of 6" Mill Wrap Bare Joint 5H, 357' of 2" Epoxy, 812' of 3" Epoxy, 611' of 4" Epoxy, 95' of 6" Epoxy, 818' of 3" Bare SH, 558' of 2" Bare SH, 559' of 4" Het Tar, 11' of 2" Will wrap, 341' of 4" N/A Plastic, 320' of 4" Bare SH. Install 2,080' of 2" P.E. and 7,255' of 6" P.E. 61 Services Contractor Material Overhead Replace 2,384 Feet of 6" Mill Wrap Bare Joint, 173 feet of 4" Epoxy, 530 feet of 4" Bare SH, \$40 feet of 4" Plastic, 703 feet of 2" Bare SH, 2,624 feet of 2" Epoxy, 175 feet of 2" Plastic, 65' feet of 2" Bare SH, 1814 life of 19 Flastic, 703 feet of 2" Bare SH, 2,624 feet of 2" Epoxy, 175 feet of 2" Plastic, 65' feet of 2" Bare SH, 1814 life, 50' feet of 2" Plastic, 65' feet of 2" Bare SH, 1814 life, 50' feet of 2" Plastic, 65' feet of 2" Bare SH, 1814 life, 50' feet of 2" Plastic, 65' feet of 2" Bare SH, 1814 life, 50' feet of 2" Plastic, 65' feet of 2" Bare SH, 1814 life, 50' feet of 2" Plastic, 65' feet of 2" Bare SH, 1814 life, 50' feet of 2" Plastic, 65' feet of 2" Bare SH, 1814 life, 50' feet of 2"	1,254 9,153		124,157 587,112	54,966 	2,200 416	\$5,915 \$41,973	1,391 282 4,241	
PRP.Z737.West Lane	Overhead Replace 500' of 4" steel with 500' of 4" HDPE Contractor Material Overhead Replace 6' of Mill Wrap Bare Joint 2" 5tl & 1,234' of 2" Epoxy IP, with 1,236' of 2" PE IP; 20 Services Contractor Material Overhead Replace 1,576' of 6" Mill Wrap Bare Joint 5tl, 357' of 2" Epoxy, 812' of 6" \$600 Mill Wrap Bare Joint 5tl, 357' of 2" Epoxy, 812' of 6" \$600 Mill Wrap Bare Joint 5tl, 357' of 4" Hot Tar, 11' of 2" Mill wrap, 341' of 4" HJA Plastic, 320' of 4" Hot Tar, 11' of 2" Mill wrap, 341' of 4" NJA Plastic, 320' of 4" Bare 5tl, 358' of 6" P.E. 61 Services Contractor Material Overhead Replace 2,394 feet of 6" Mill Wrap Bare Joint, 173 feet of 4" Epoxy, 350 feet of 4" Bare 5tl, 840 feet of 4" Plastic, 703 feet of 2" Bare 5tl, 2,524 feet of 2" Epoxy, 175 feet of 2" Plastic, 615 feet of 2" Bare 5tl, 185 services	1,254		124,157	26,420 3,740 6,187 80,579 11,497 18,627	2,200 416	\$5,915	1,391 282 4,241 859	
PRP.2737.West Lane PRP.2738.Chandier Ave	Overhead Replace SO' of 4" steel with 500' of 4" HDPE Contractor Material Overhead Replace 6' of Mill Wrap Bare Joint 2" SI & 1,234' of 2" Epoxy IP, with 1,236' of 2" PE IP; 20 Services Contractor Material Overhead Replace 1,576' of 6" Mill Wrap Bare Joint \$11., 357' of 2" Epoxy, 812' of 3" Bare \$11., 558' of 2" Bare \$15., 3594' of 4" Hot Tar, 11' of 2" Will wrap, 341' of 4" NpA Plastic, 320' of 4" Bare \$11. Install 2,080' of 2" P.E. and 7,255' of 6" P.E. 61 Services Contractor Material Overhead Replace 2,384 feet of 6" Mill Wrap Bare Joint, 173 feet of 4" Epoxy, 350 feet of 4" Bare \$11., 252' efeet of 2" Bare \$11., 252' efeet of 2" Bare \$11., 252' Epoxy, 175 feet of 2" Plastic, 615 feet of 6" PE. 116 Services Contractor	1,254 9,153	61	124,157 587,112	54,966 	2,300 416 6,710 1,359	\$5,915 \$41,973	1,391 282 4,241	
PRP.2737.West Lane PRP.2738.Chandler Ave	Overhead Replace 500' of 4" steel with 500' of 4" HDPE Contractor Material Overhead Replace 6' of Mill Wrap Bare Joint 2" 5tl & 1,234' of 2" Epoxy IP, with 1,236' of 2" PE IP; 20 Services Contractor Material Overhead Replace 1,576' of 6" Mill Wrap Bare Joint 5tl, 357' of 2" Epoxy, 812' of 6" \$600 Mill Wrap Bare Joint 5tl, 357' of 2" Epoxy, 812' of 6" \$600 Mill Wrap Bare Joint 5tl, 357' of 4" Hot Tar, 11' of 2" Mill wrap, 341' of 4" HJA Plastic, 320' of 4" Hot Tar, 11' of 2" Mill wrap, 341' of 4" NJA Plastic, 320' of 4" Bare 5tl, 358' of 6" P.E. 61 Services Contractor Material Overhead Replace 2,394 feet of 6" Mill Wrap Bare Joint, 173 feet of 4" Epoxy, 350 feet of 4" Bare 5tl, 840 feet of 4" Plastic, 703 feet of 2" Bare 5tl, 2,524 feet of 2" Epoxy, 175 feet of 2" Plastic, 615 feet of 2" Bare 5tl, 185 services	1,254 9,153	61	124,157 587,112	26,420 3,740 6,187 80,579 11,497 18,627	2,200 416	\$5,915 \$41,973	1,391 282 4,241 859	

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PRP.2738.College St	Replace 350° of 2" N/A Plastis, 42" of 4" Epows, 1,041° of 2" Epows, 4,130° of 2" Painted St., 1,21° of 1,25° Beinted St., 3,608° of 4" Painted St. Install 4,157" of 2" P.E. and 4,245' of 4" P.E. 126 Services Contractor Material	9,396	126	619,092	166.443 23,562 38,476	13,860 2,807	\$30,861	8,760 1,774			
	Replace 7.6 miles of 6 inch and 6,7 miles of 4 inch HP Steel										
	and install approximately 15.2 miles of 6 inch HP Steel.										
	Fiscal Year 2018 portion will primarily be for the										
	acquisition of Right-Of-Way only. Construction of new										
000 0700 0-d-d-14 C-b	pipaline will begin late summer 2018 but completion is not scheduled until spring/summer 2019.			0.700.010			6134.186				
PRP.2738.Springfield.Calvary	Confector	-	-	8,732,212			\$434,186				
	X(akerial				•			•			
	Overhead				•	•					
	Replace 13' of 2" Bare Sti., 524' of 4" Epoxy, 995' of 2										
	Epoxy, 273' of 3/4" Epoxy, 1,683' of 2" Epoxy, 145 feet of										
	1.25" Epoxy, 147 feet of 1" Epoxy. Install 4,300 feet of 2"										
PRP.School House Mammoth Cave	PE. 66 Services.	3,780	66	349,161			\$18,120				
	Contractor	•			87,184		•	4.589			
	Moterini				12,342	7,260					
	Overhead				20,154	1,470		929			
	Contractor Material				-			-			
	(yarhead				•	•					
	Oversead										
	Total specific budgeted projects & hare steel functional	251,189		35,743,136	5,178,899	377,777	1,756,522	238,772			
	Non specific bare steel functional				1,402,698	102,320		64,671			
	Total budgeted 2018 projects			35,743,136	6.581.596	480,698	1,756,522	303,444	\$6,954,541	2,422,988	185,56