

March 31, 2021

**VIA ELECTRONIC FILING**

Brinda Westbrook-Sedgwick  
Commission Secretary  
Public Service Commission  
of the District of Columbia  
1325 "G" Street, N.W., 8<sup>th</sup> Floor  
Washington, D.C. 20005

**Re: Formal Case Nos. 1154 and 1115  
[Washington Gas's Completed Projects Reconciliation Report -  
PUBLIC]**

Dear Ms. Westbrook-Sedgwick:

Pursuant to Public Service Commission of the District of Columbia Order No. 20671, transmitted for filing is Washington Gas Light Company's Year 6 Completed Projects Reconciliation Report (public version). A confidential version of this report will be filed under separate cover.

Please do not hesitate to contact me if you have questions regarding this matter.

Sincerely,



Cathy Thurston-Seignious  
Supervisor, Administrative and  
Associate General Counsel

cc: Per Certificate of Service

**BEFORE THE  
PUBLIC SERVICE COMMISSION  
OF THE DISTRICT OF COLUMBIA**

IN THE MATTER OF )  
 )  
APPLICATION OF WASHINGTON GAS )  
LIGHT COMPANY FOR APPROVAL OF ) Formal Case No. 1154  
PROJECTPIPES 2 PLAN )  
 )  
\_\_\_\_\_ )

IN THE MATTER OF )  
 )  
APPLICATION OF WASHINGTON GAS )  
LIGHT COMPANY FOR APPROVAL OF ) Formal Case No. 1115  
A REVISED ACCELERATED PIPE )  
REPLACEMENT PROGRAM )  
 )  
\_\_\_\_\_ )

**WASHINGTON GAS LIGHT COMPANY'S  
COMPLETED PROJECTS RECONCILIATION REPORT**

Pursuant to Public Service Commission of the District of Columbia (“Commission”) Order No. 20671, Washington Gas Light Company (“Washington Gas” or “Company”) hereby submits its Year 6 Reconciliation Report for closed projects. The Company now includes the ward in which each project is located within the project name for all project reporting.<sup>1</sup> The report is organized by Project Year and Program. Attachment A provides a one-page summary for each of the program years, for a total of six pages. Attachment A provides information related to the feet of main installed, feet of main remediated, number of services transferred, total number of affected services, and the actual project cost total. Each project list has a one-page summary. Attachment B presents summary

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<sup>1</sup> See Formal Case No. 1142, Order No. 19396, Appendix A, Commitment No. 53 (June 29, 2018).

information for each of the BCAs. The attachment shows the number of projects by project status. **CONFIDENTIAL** Attachment C is a detailed variance report presenting BCAs closed in Year 6<sup>2</sup> and the Third Extension Period (10/1/2019-12/31/2020).

The Company filed project lists for Year 6 and the 3<sup>rd</sup> Extension Period. For the purposes of this annual report and future reporting, the Company has aligned the projects with their most recent project year list for this reporting. The Company has removed the deferred projects from project lists. These projects will be ranked annually and replaced in accordance with the Company's risk-based model.

#### Year 1 Project List Summary

The Company's total project cost for Year 1 projects was \$29.7 million through December 31, 2020. The Company replaced or remediated 7.7 miles of main and 1,391 services. The Company's total direct cost on Year 1 projects was \$25.6 million or 86% of the total costs. As of December 31, 2020, 94 of those BCAs have completed pipe replacement activities.

#### Year 2 Project List Summary

The Company's total project cost on Year 2 projects was \$9.5 million through December 31, 2020. The Company replaced or remediated 1.5 miles of main and 313 services. The Company's total direct cost on Year 2 projects was \$8.8 million or 93% of the total costs. As of December 31, 2020, 12 of those BCAs have completed pipe replacement activities.

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<sup>2</sup> Year 6 is synonymous with Program Year 6 or the twelve months ended September 30, 2020.

### Year 3 Project List Summary

The Company's total project cost on Year 3 projects was \$3.9 million through December 31, 2020. The Company replaced or remediated 0.8 miles of main and 214 services. The Company's total direct cost on Year 3 projects was \$3.5 million or 89% of the total costs. As of December 31, 2020, 9 of those BCAs have completed pipe replacement activities.

### Year 4 Project List Summary

Washington Gas submitted AACE Class 3 estimates for Year 4 projects. The Company's total project cost on Year 4 projects was \$27.4 million through December 31, 2020. The Company replaced or remediated 4.0 miles of main and 800 services. The Company's total direct cost on Year 4 projects was \$22.6 million or 83% of the total costs. As of December 31, 2020, 28 of those BCAs have completed pipe replacement activities.

### Year 5 Project List Summary

Washington Gas submitted AACE Class 3 estimates for Year 5 projects. The Company's total project cost on Year 5 projects was \$8.7 million through December 31, 2020. The Company replaced or remediated 0.4 miles of main and 395 services. The Company's total direct cost on Year 5 projects was \$7.1 million or 82% of the total costs. As of December 31, 2020, 13 of those BCAs have completed pipe replacement activities.

### Year 6 Project List Summary

Washington Gas submitted AACE Class 3 estimates for Year 6 projects. The Company's total project cost on Year 6 projects was \$67.2 million through

December 31, 2020. The Company replaced or remediated 7.8 miles of main and 1,195 services. The Company's total direct cost on Year 6 projects was \$55.8 million or 83% of the total costs. As of December 31, 2020, 37 of those BCAs have completed pipe replacement activities.

### Overall Summary

The Company's total project cost was \$146.3 million. Consistent with Order No. 20621, the Company will not recover through the PROJECT*pipes* surcharge any amount for the work performed under the PIPES 1 Plan beyond \$141.25 million.<sup>3</sup> PROJECT*pipes* has remediated/replaced 22.2 miles of main and remediated 4,308 services, as of December 31, 2020. As of December 31, 2020, 188 BCAs have completed pipe replacement activities. The remaining 52 BCAs from PIPES 1 appear on the Year 7 Annual Project List.

Table 1: PIPES 1.0 Units & Spend

Project List	BCA Count	\$\$ (M)	Installed Miles	Retired Miles	Services Replaced/CO/Aband
Year 1	101	29.7	7.4	7.7	1,391
Year 2	16	9.5	1.6	1.5	313
Year 3	11	3.9	0.8	0.8	214
Year 4	28	27.4	4.7	4.0	800
Year 5	14	8.7	0.5	0.4	395
Year 6	70	67.1	7.5	7.8	1,195
Total	240	146.3	22.5	22.2	4,308

<sup>3</sup> See Formal Case Nos. 1115 and 1154, Washington Gas Light Company's Reconciliation Factor Financial Report at 9 (March 31, 2021).

## Reporting of Engineering and Permitting Costs

In Order No. 18503, the Commission directed the Company to include aggregated estimated and actual engineering and permitting costs contained in the overhead and project-level engineering, permitting and contingency costs in reporting.<sup>4</sup> As an alternative, the Company indicated that the allocated Design and Development Costs would most closely align with this requirement, as all engineering and some permitting costs are contained in this allocation.<sup>5</sup> By Order No. 19153, the Commission found this information to be sufficient to track permitting and engineering costs.<sup>6</sup> The table below provides the capital expenditures spent by Program Year with the Design and Development Costs broken out from other allocated costs.

<b>Table 2 PROJECTpipes Reporting of Cost</b>				
<b>Program Year</b>	<b>Direct<sup>7</sup></b>	<b>Other Allocation</b>	<b>Design and Development</b>	<b>Grand Total<sup>8</sup></b>
YEAR 1 (FY2014-2015)	16,087,033	2,453,516	918,538	19,459,087
YEAR 2 (FY2016)	16,048,311	1,324,998	790,351	18,163,660
YEAR 3 (FY2017)	13,719,066	1,868,825	824,516	16,412,407
YEAR 4 (FY2018)	18,879,634	3,324,907	1,842,552	24,047,093
YEAR 5 (FY2019)	25,091,843	3,763,126	1,859,674	30,714,643
Year 6 - E1-E3 (FY2020)	29,859,010	5,098,074	2,557,164	37,514,248
Total	119,684,897	17,833,445	8,792,795	146,311,138

<sup>4</sup> GT97-3, GT06-1, Formal Case No. 1027 and Formal Case No. 1115, Order No. 18503 at 59-60 (August 23, 2016).

<sup>5</sup> GT97-3, GT06-1, Formal Case No. 1027 and Formal Case No. 1115, Washington Gas Light Company's Response to Order No. 18815 at 9 (July 24, 2017).

<sup>6</sup> GT97-3, GT06-1, Formal Case No. 1027 and Formal Case No. 1115, Order No. 19153 at 10 (October 23, 2017).

<sup>7</sup> Direct costs include paving expenditures.

<sup>8</sup> Expenditures over the \$141.25 cap and Merger Commitment 72 adjustments are excluded from the "Grand Total".

### Low Pressure to Medium Pressure Conversions

In Order 19194, the Commission directed the Company to provide the rationale for making all conversions from low-pressure mains to medium-pressure mains and from low-pressure service lines to medium-pressure service lines on projects included in the Annual Project List for each PROJECT*pipes* period and to identify and provide the cost and description of any such opportunity-driven conversions that are recoverable through the PROJECT*pipes* surcharge in each annual Completed Projects Reconciliation Report. In addition, the Company was to provide documentation for its low-to-medium pressure conversion program and plans, including the justification, benefits and costs, target locations and program schedule for projects in areas that are not on the current Project List and to include this documentation in future Reconciliation Reports.

The Company does not have a low-to-medium pressure conversion program. The PROJECT*pipes* program (Programs 1, 2, and 4) targets assets that encompass many segments of low-pressure systems. The Company believes the associated costs of replacing low-pressure main with medium-pressure main are negligible, since the replacement activity occurring in PROJECT*pipes* normally involves installing smaller diameter and/or replacing in-kind size Polyethylene (“PE”) pipe which has a lower installation and material cost. The use of PE pipe to replace steel and cast-iron pipe also allows for quicker isolation of gas leaks by either closing an existing valve or squeezing off the pipe upstream and downstream of a break or leak.

As stated and approved in the Company's Formal Case No. 1093 and Formal Case No. 1115 filings, the Company utilizes the results of its risk assessment software, Optimain, to determine relative risk of assets to be replaced then applies the risk reduced per dollar spent to prioritize the main replacement projects. The Company utilizes the enhanced leak per quad metric to risk-rank its service only projects. The Company also takes into consideration operational issues, such as direct field observations, in its risk assessment. The prioritization is conducted annually. Therefore, the Company's pipe and services replaced are based on the risk assessment.

In low-pressure systems, water infiltration is one of the top issues encountered. Water infiltration inside gas pipes can freeze in the service lines or at the meter buildup during the winter causing customer outages at times when gas use for heating is at its peak. Where feasible and efficiencies can be realized, the Company will upgrade low-pressure segments to medium pressure. This will provide the added benefit of eliminating customer outages due to water infiltration issues therefore improving reliability.

The reduction and elimination of low-pressure systems will eliminate low-pressure regulator stations, reducing the related annual inspection and maintenance activity. This will also eliminate the required maintenance to pump out and properly dispose of water and other liquids collected in the piping system drips, as well as eliminating the quarterly lab testing of liquids collected, providing both cost savings and environmental benefits.



In addition, upgrading low-pressure systems to medium pressure will provide customers the opportunity to install high efficiency appliances, such as tankless water heaters, that cannot operate with low pressure deliveries. Besides the environmental benefits from the improved efficiencies, customers will realize a cost savings due to the reduced gas consumption. Another advantage of medium pressure delivery is the opportunity to install gas-fired backup generators that also require the higher delivery pressure.

Through December 31, 2020, PROJECT*pipes* has remediated approximately 15.0 miles of low-pressure main. Approximately 1.9 miles of low-pressure main was replaced with medium pressure by the projects that closed in Year 6. The Company is providing a list of all PROJECT*pipes* BCAs that includes converting customers from low pressure to medium pressure in Attachment D.

#### Commitment 72

In Formal Case No. 1142, Order No. 19396, Merger Commitment 72, the Company was ordered to calculate a baseline and an actual for the program year. The methodologies of the calculations and the baselines were filed with the Commission on July 31, 2019. The Company filed the Compliance Filing<sup>9</sup> for Year 6 on December 22, 2020, which includes details regarding the \$30,987 removed from the rider for this period. In total, the Company removed approximately \$124,048 from the rider for PROJECT*pipes*.

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<sup>9</sup> See Formal Case Nos. 1142 and 1154, Washington Gas Light Company, Commitment No. 72 Compliance Filing (December 22, 2020).

### Class III Performance

The Company has evaluated the performance of Class III estimates versus actual costs.<sup>10</sup> For BCAs with a project status of Closed that had Class III estimates, the Company spent 29% less than the estimated Class III cost. There were a wide range of variances for the 57 BCAs, which range from -97% to 197% over the estimate. The two highest variances (197% and 181% over the estimate) are associated with single service replacement estimates. The two lowest variances (-97% and -81% under the estimate) are associated with reductions in scope. The full variance explanations for closed projects are submitted in Attachment C of the Reconciliation Report.

<b>Program</b>	<b>BCA Count</b>	<b>Class III Estimate</b>	<b>Actual Cost</b>	<b>Variance</b>
DC APRP 1	32	\$7,678,394	\$4,753,049	-38%
DC APRP 2	9	\$11,535,939	\$8,427,252	-27%
DC APRP 4	16	\$32,585,096	\$23,679,962	-27%
Total	57	\$51,799,430	\$36,860,262	-29%

### Cost Management

The Company filed its cost management procedures with the filing of the Program Implementation Plan (“PIP”).<sup>11</sup> The Cost Management Procedures can be found in Section 10, Pages 21 - 24, as well as Appendix VIII - “PROJECTpipes Cost Management Procedure” of the PIP.

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<sup>10</sup> Scattered projects removed from analysis.

<sup>11</sup> See Formal Case Nos. 1115 and 1154, Washington Gas Light Company, Program Implementation Plan (July 1, 2020).

## COVID-19 Impacts

Washington Gas has experienced impacts from COVID-19 in the execution of all work types, including PROJECT*pipes*. A summary of this information follows:

- As Washington Gas advised the Commission on April 5, 2020, the Company outfitted its customer-facing internal personnel with personal protective equipment (“PPE”) as recommended by the federal Center for Disease Control and Prevention (“CDC”). The Company also directed its contractor crews to use PPE and follow CDC guidelines.
- Given the national and regional spikes in COVID-19 positive results, hospitalizations and deaths in April and May 2020 – and given customer concerns about on-site visits – the Company proactively curtailed planned service replacements (including PROJECT*pipes* service replacements) for a 7-8-week period in April and May 2020 to limit exposure to customers, employees and contractors.
  - Washington Gas resumed scheduling planned service replacements (including PROJECT*pipes* service replacements) on June 1, 2020.
- 2020 PROJECT*pipes* activity also has been impacted because the Company’s contractors have experienced crew member absences due to positive COVID-19 cases, choosing to or being directed to self-quarantine, taking care of sick family member(s) and/or issues with finding childcare.
- The Company learned in 2020 that pipe and fitting suppliers were impacted by COVID-19 in that they have experienced plant idle time to allow for cleaning. The Company has seen an increase of approximately 40 days,

or an approximate 100% increase, in the number of days it takes to obtain certain key material such as pipe and associated fittings. Supply chain disruptions have a cascading impact on PROJECT*pipes* activity. The Company continues to work with the pipe and fitting suppliers and will continue to monitor other supply chain developments.

**PROJECTpipes - At A Glance**

**DC APRP FY14/15 (Year 1)**

Program: **DC APRP 1**

Count<sup>1</sup>: 46

	FT of Main Inst.	FT of Main Remed.	No. of Serv. Trans	No. of Serv. Total	Project Cost Total
Original Est.	0	0	6	552	\$5,787,546
Design Est.	0	0	9	498	\$7,204,690
Actual (to date)	0	0	5	541	\$5,722,793

Program: **DC APRP 2**

Count: 25

	FT of Main Inst.	FT of Main Remed.	No. of Serv. Trans	No. of Serv. Total	Project Cost Total
Original Est.	14,003	13,660	43	209	\$4,298,526
Design Est.	14,682	14,086	110	221	\$4,303,269
Actual (to date)	15,442	14,386	65	227	\$8,848,328

Program: **DC APRP 4 - Opt. Top 3**

Count: 3

	FT of Main Inst.	FT of Main Remed.	No. of Serv. Trans	No. of Serv. Total	Project Cost Total
Original Est.	5,315	5,125	13	16	\$3,772,735
Design Est.	5,455	5,060	6	17	\$3,772,735
Actual (to date)	5,550	5,066	4	17	\$4,631,708

Program: **DC APRP 4**

Count: 27

	FT of Main Inst.	FT of Main Remed.	No. of Serv. Trans	No. of Serv. Total	Project Cost Total
Original Est.	17,971	21,524	53	482	\$5,632,126
Design Est.	26,382	29,756	443	808	\$13,735,484
Actual (to date)	18,156	21,171	68	606	\$10,449,680

**SUMMARY: DC APRP FY14/15 (Year 1)**

	FT of Main Inst.	FT of Main Remed.	No. of Serv. Trans	No. of Serv. Total	Project Cost Total
Original Est.	<b>37,289</b>	<b>40,309</b>	<b>115</b>	<b>1,259</b>	<b>\$19,490,933</b>
Design Est.	<b>46,519</b>	<b>48,902</b>	<b>568</b>	<b>1,544</b>	<b>\$29,016,178</b>
Actual (to date)	<b>39,148</b>	<b>40,622</b>	<b>142</b>	<b>1,391</b>	<b>\$29,652,510</b>

Count of Project Status <sup>1</sup>						
Not Authorized	Active	Paving	Pre-Close	Canceled	Closed	Total
0	7	0	0	6	88	101

<sup>1</sup> Scattered assigned BCA ID 2015 and included as a count of 1 within DC APRP 1

**PROJECTpipes - At A Glance**

**DC APRP FY16 (Year 2)**

Program: **DC APRP 1**

Count<sup>1</sup>: 7

	FT of Main Inst.	FT of Main Remed.	No. of Serv. Trans	No. of Serv. Total	Project Cost Total
Original Est.	0	0	0	71	\$2,797,272
Design Est.	0	0	0	98	\$3,732,539
Actual (to date)	0	0	0	154	\$956,171

Program: **DC APRP 2**

Count: 4

	FT of Main Inst.	FT of Main Remed.	No. of Serv. Trans	No. of Serv. Total	Project Cost Total
Original Est.	3,490	3,466	27	68	\$1,556,989
Design Est.	3,840	3,738	28	68	\$1,508,465
Actual (to date)	3,693	2,437	9	66	\$2,800,224

Program: **DC APRP 4 - Opt. Top 3**

Count: 2

	FT of Main Inst.	FT of Main Remed.	No. of Serv. Trans	No. of Serv. Total	Project Cost Total
Original Est.	1,682	1,682	6	37	\$1,853,189
Design Est.	2,090	2,760	27	36	\$2,652,033
Actual (to date)	2,202	2,869	7	36	\$3,796,616

Program: **DC APRP 4**

Count: 3

	FT of Main Inst.	FT of Main Remed.	No. of Serv. Trans	No. of Serv. Total	Project Cost Total
Original Est.	2,335	2,335	12	54	\$1,064,016
Design Est.	2,300	2,213	14	58	\$1,027,201
Actual (to date)	2,363	2,431	14	57	\$1,947,952

**SUMMARY: DC APRP FY16 (Year 2)**

	FT of Main Inst.	FT of Main Remed.	No. of Serv. Trans	No. of Serv. Total	Project Cost Total
Original Est.	<b>7,507</b>	<b>7,483</b>	<b>45</b>	<b>230</b>	<b>\$7,271,466</b>
Design Est.	<b>8,230</b>	<b>8,711</b>	<b>69</b>	<b>260</b>	<b>\$8,920,238</b>
Actual (to date)	<b>8,258</b>	<b>7,737</b>	<b>30</b>	<b>313</b>	<b>\$9,500,962</b>

Count of Project Status <sup>1</sup>						
Not Authorized	Active	Paving	Pre-Close	Canceled	Closed	Total
0	4	0	0	0	12	16

<sup>1</sup> Scattered assigned BCA ID 2016 and included as a count of 1 within DC APRP 1

**PROJECTpipes - At A Glance**

**DC APRP FY17 (Year 3)**

Program: **DC APRP 1**

Count<sup>1</sup>: 7

	FT of Main Inst.	FT of Main Remed.	No. of Serv. Trans	No. of Serv. Total	Project Cost Total
Original Est.	0	0	0	139	\$1,850,924
Design Est.	0	0	0	11	\$238,267
Actual (to date)	0	0	0	160	\$1,944,883

Program: **DC APRP 2**

Count: 2

	FT of Main Inst.	FT of Main Remed.	No. of Serv. Trans	No. of Serv. Total	Project Cost Total
Original Est.	3,208	3,208	15	35	\$2,003,737
Design Est.	3,230	3,241	20	41	\$2,089,943
Actual (to date)	3,588	3,609	8	42	\$1,172,351

Program: **DC APRP 4 - Opt. Top 3**

Count: 1

	FT of Main Inst.	FT of Main Remed.	No. of Serv. Trans	No. of Serv. Total	Project Cost Total
Original Est.	375	375	0	0	\$264,000
Design Est.	375	335	0	0	\$264,000
Actual (to date)	441	382	0	0	\$597,895

Program: **DC APRP 4**

Count: 1

	FT of Main Inst.	FT of Main Remed.	No. of Serv. Trans	No. of Serv. Total	Project Cost Total
Original Est.	345	345	12	12	\$264,996
Design Est.	350	352	13	13	\$358,162
Actual (to date)	338	352	1	12	\$165,183

**SUMMARY: DC APRP FY17 (Year 3)**

	FT of Main Inst.	FT of Main Remed.	No. of Serv. Trans	No. of Serv. Total	Project Cost Total
Original Est.	<b>3,928</b>	<b>3,928</b>	<b>27</b>	<b>186</b>	<b>\$4,383,657</b>
Design Est.	<b>3,955</b>	<b>3,928</b>	<b>33</b>	<b>65</b>	<b>\$2,950,372</b>
Actual (to date)	<b>4,367</b>	<b>4,343</b>	<b>9</b>	<b>214</b>	<b>\$3,880,313</b>

Count of Project Status <sup>1</sup>						
Not Authorized	Active	Paving	Pre-Close	Canceled	Closed	Total
0	1	0	0	1	8	11

<sup>1</sup> Scattered assigned BCA ID 2017 and included as a count of 1 within DC APRP 1

**PROJECTpipes - At A Glance**

**DC APRP FY18 (Year 4)**

Program: **DC APRP 1**

Count<sup>1</sup>: 14

	FT of Main Inst.	FT of Main Remed.	No. of Serv. Trans	No. of Serv. Total	Project Cost Total
Original Est.	0	0	0	338	\$4,973,209
Design Est.	0	0	1	321	\$7,428,122
Actual (to date)	0	0	0	287	\$3,806,290

Program: **DC APRP 2**

Count: 4

	FT of Main Inst.	FT of Main Remed.	No. of Serv. Trans	No. of Serv. Total	Project Cost Total
Original Est.	4,149	4,149	10	76	\$1,317,374
Design Est.	3,895	3,844	24	74	\$8,407,962
Actual (to date)	5,464	3,736	21	76	\$6,455,758

Program: **DC APRP 4 - Opt. Top 3**

Count: 2

	FT of Main Inst.	FT of Main Remed.	No. of Serv. Trans	No. of Serv. Total	Project Cost Total
Original Est.	3,489	2,289	1	66	\$4,430,793
Design Est.	3,870	3,345	28	31	\$7,840,914
Actual (to date)	4,002	2,982	12	31	\$3,690,344

Program: **DC APRP 4**

Count: 8

	FT of Main Inst.	FT of Main Remed.	No. of Serv. Trans	No. of Serv. Total	Project Cost Total
Original Est.	14,198	14,589	45	345	\$4,664,278
Design Est.	15,535	16,797	249	421	\$13,590,459
Actual (to date)	15,222	14,197	89	406	\$13,398,689

**SUMMARY: DC APRP FY18 (Year 4)**

	FT of Main Inst.	FT of Main Remed.	No. of Serv. Trans	No. of Serv. Total	Project Cost Total
Original Est.	<b>21,836</b>	<b>21,027</b>	<b>56</b>	<b>825</b>	<b>\$15,385,654</b>
Design Est.	<b>23,300</b>	<b>23,986</b>	<b>302</b>	<b>847</b>	<b>\$37,267,457</b>
Actual (to date)	<b>24,688</b>	<b>20,915</b>	<b>122</b>	<b>800</b>	<b>\$27,351,081</b>

Count of Project Status <sup>1</sup>						
Not Authorized	Active	Paving	Pre-Close	Canceled	Closed	Total
0	0	0	0	0	28	28

<sup>1</sup> Scattered assigned BCA ID and included as a count of 1 within DC APRP 1



**PROJECTpipes - At A Glance**

**DC APRP FY19 (Year 5)**

Program: **DC APRP 1**

Count<sup>1</sup>: 9

	FT of Main Inst.	FT of Main Remed.	No. of Serv. Trans	No. of Serv. Total	Project Cost Total
Original Est.	0	0	1	166	\$4,399,320
Design Est.	0	0	0	162	\$4,612,984
Actual (to date)	0	0	0	296	\$5,402,864

Program: **DC APRP 2**

Count: 3

	FT of Main Inst.	FT of Main Remed.	No. of Serv. Trans	No. of Serv. Total	Project Cost Total
Original Est.	1,542	1,568	35	48	\$2,622,974
Design Est.	1,635	1,640	35	48	\$2,811,269
Actual (to date)	1,041	1,003	4	29	\$718,040

Program: **DC APRP 4**

Count: 2

	FT of Main Inst.	FT of Main Remed.	No. of Serv. Trans	No. of Serv. Total	Project Cost Total
Original Est.	1,310	1,119	49	71	\$1,966,259
Design Est.	1,310	1,119	49	71	\$2,537,432
Actual (to date)	1,430	1,174	26	70	\$2,608,756

**SUMMARY: DC APRP FY19 (Year 5)**

	FT of Main Inst.	FT of Main Remed.	No. of Serv. Trans	No. of Serv. Total	Project Cost Total
Original Est.	<b>2,852</b>	<b>2,687</b>	<b>85</b>	<b>285</b>	<b>\$8,988,553</b>
Design Est.	<b>2,945</b>	<b>2,759</b>	<b>84</b>	<b>281</b>	<b>\$9,961,686</b>
Actual (to date)	<b>2,471</b>	<b>2,177</b>	<b>30</b>	<b>395</b>	<b>\$8,729,660</b>

Count of Project Status <sup>1</sup>						
Not Authorized	Active	Paving	Pre-Close	Canceled	Closed	Total
0	0	0	0	0	13	14

<sup>1</sup> Scattered assigned BCA ID and included as a count of 1 within DC APRP 1

**PROJECTpipes - At A Glance**

**DC APRP FY20 (Year 6)**

Program: **DC APRP 1**

Count<sup>1</sup>: 34

	FT of Main Inst.	FT of Main Remed.	No. of Serv. Trans	No. of Serv. Total	Project Cost Total
Original Est.	0	0	1	777	\$15,482,804
Design Est.	0	0	3	741	\$16,113,187
Actual (to date)	150	0	2	593	\$10,702,739

Program: **DC APRP 2**

Count: 10

	FT of Main Inst.	FT of Main Remed.	No. of Serv. Trans	No. of Serv. Total	Project Cost Total
Original Est.	11,475	12,438	85	187	\$23,047,456
Design Est.	12,309	13,012	85	187	\$22,720,094
Actual (to date)	7,908	7,977	38	132	\$7,836,124

Program: **DC APRP 4**

Count: 26

	FT of Main Inst.	FT of Main Remed.	No. of Serv. Trans	No. of Serv. Total	Project Cost Total
Original Est.	45,414	60,468	527	923	\$83,984,339
Design Est.	46,895	67,084	615	932	\$92,387,697
Actual (to date)	31,722	33,264	123	470	\$48,656,534

**SUMMARY: DC APRP FY20 (Year 6)**

	FT of Main Inst.	FT of Main Remed.	No. of Serv. Trans	No. of Serv. Total	Project Cost Total
Original Est.	<b>56,889</b>	<b>72,906</b>	<b>613</b>	<b>1,887</b>	<b>\$122,514,599</b>
Design Est.	<b>59,204</b>	<b>80,096</b>	<b>703</b>	<b>1,860</b>	<b>\$131,220,978</b>
Actual (to date)	<b>39,780</b>	<b>41,241</b>	<b>163</b>	<b>1,195</b>	<b>\$67,195,397</b>

Count of Project Status <sup>1</sup>						
Not Authorized	Active	Paving	Pre-Close	Canceled	Closed	Total
0	30	7	10	0	14	70

<sup>1</sup> Scattered assigned BCA ID and included as a count of 1 within DC APRP 1

**PROJECTpipes - At A Glance**

**DC APRP FY14/15 (Year 1)**

Count: 101

*DC APRP 1*

Count<sup>1</sup>: 46

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
2015	6. Closed			0	149	\$1,255,534
144621	6. Closed	0	0	0	1	\$17,649
144640	9. Canceled			0	0	
144660	6. Closed	0	0	0	1	\$26,016
144700	6. Closed	0	0	0	3	\$18,588
144701	6. Closed	0	0	0	3	\$61,992
144720	6. Closed	0	0	0	4	\$59,712
169420	6. Closed	0	0	0	7	\$63,476
144800	6. Closed	0	0	0	12	\$99,724
169421	6. Closed	0	0	0	3	\$15,873
144620	6. Closed	0	0	0	3	\$28,947
144802	6. Closed	0	0	0	2	\$21,082
144820	6. Closed	0	0	0	20	\$143,459
169422	6. Closed	0	0	0	14	\$183,378
144821	6. Closed	0	0	0	6	\$48,796
144840	6. Closed	0	0	0	3	\$8,675
144860	6. Closed	0	0	3	5	\$170,453
169440	6. Closed	0	0	0	9	\$70,865
144861	6. Closed	0	0	0	8	\$77,108
144862	3. Active	0	0	0	1	\$27,814
169461	6. Closed	0	0	0	5	\$46,831
144864	6. Closed	0	0	0	5	\$53,791
169462	6. Closed	0	0	0	15	\$294,227
145760	6. Closed	0	0	0	9	\$46,021
146200	6. Closed	0	0	0	10	\$66,766
169463	6. Closed	0	0	0	7	\$50,506
146203	6. Closed	0	0	0	7	\$87,147

<sup>1</sup> Scattered assigned BCA ID 2015 and included as a count of 1 within DC APRP 1

**PROJECTpipes - At A Glance**

**DC APRP FY14/15 (Year 1)**

Count: 101

***DC APRP 1***

Count<sup>1</sup>: 46

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
146205	6. Closed	0	0	0	1	\$3,653
169581	6. Closed	0	0	0	3	\$40,598
146206	6. Closed	0	0	0	7	\$67,388
146220	6. Closed	0	0	0	6	\$69,898
146221	6. Closed	0	0	0	8	\$431,164
169464	6. Closed	0	0	0	6	\$195,343
169465	3. Active	0	0	0	24	\$397,156
169482	3. Active	0	0	0	0	\$4,619
146223	3. Active	0	0	0	1	\$1,977
169501	3. Active	0	0	0	9	\$116,387
146240	3. Active	0	0	0	34	\$253,665
169503	6. Closed	0	0	0	15	\$104,718
169521	6. Closed	0	0	0	7	\$150,704
146242	3. Active	0	0	0	78	\$724,644
179700	6. Closed	0	0	0	12	\$50,792
180540	6. Closed	0	0	0	7	\$28,832
180720	6. Closed	0	0	0	2	\$9,744
182221	6. Closed	0	0	2	9	\$27,082
78860	9. Canceled			0	0	
DC APRP 1 Subtotal:		0	0	5	541	\$5,722,793

***DC APRP 2***

Count: 25

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
169800	6. Closed	15	15	0	0	\$65,888
169801	6. Closed	35	154	0	0	\$75,496
169802	6. Closed	330	329	2	2	\$155,820
102483	6. Closed	848	830	1	1	\$497,795

<sup>1</sup> Scattered assigned BCA ID 2015 and included as a count of 1 within DC APRP 1

**PROJECTpipes - At A Glance**

**DC APRP FY14/15 (Year 1)**

Count: 101

***DC APRP 2***

Count: 25

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
169803	6. Closed	578	536	2	5	\$177,803
169804	6. Closed	164	163	2	8	\$182,562
169805	6. Closed	528	517	6	6	\$441,813
169806	6. Closed	651	607	2	4	\$348,475
169807	6. Closed	301	288	0	7	\$110,395
169808	6. Closed	959	771	5	18	\$484,546
102339	6. Closed	604	653	1	7	\$286,102
169809	6. Closed	493	327	2	8	\$381,583
169810	6. Closed	472	427	0	3	\$238,463
169811	6. Closed	308	285	0	0	\$634,196
169812	6. Closed	975	962	1	11	\$821,992
169813	6. Closed	320	305	0	6	\$24,479
169814	6. Closed	214	123	2	5	\$236,131
102480	6. Closed	825	675	1	1	\$4,773
102482	6. Closed	1,544	1,324	0	17	\$1,144,682
146140	6. Closed	2,347	2,324	18	49	\$1,471,557
100060	6. Closed	1,180	1,148	20	28	\$387,241
150843	6. Closed	779	769	0	19	\$362,390
154840	6. Closed	364	364	0	12	\$149,060
75360	6. Closed	452	440	0	10	\$43,057
189920	6. Closed	156	50	0	0	\$122,030
DC APRP 2 Subtotal:		15,442	14,386	65	227	\$8,848,328

***DC APRP 4 - Opt. Top 3***

Count: 3

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
71002	6. Closed	831	831	0	0	\$1,059,202
123380	6. Closed	2,408	2,035	2	2	\$1,678,165

<sup>1</sup> Scattered assigned BCA ID 2015 and included as a count of 1 within DC APRP 1

**PROJECTpipes - At A Glance**

**DC APRP FY14/15 (Year 1)**

Count: 101

***DC APRP 4 - Opt. Top 3***

Count: 3

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
71296	6. Closed	2,311	2,200	2	15	\$1,894,342
DC APRP 4 - Opt. Top 3 Subtotal:		5,550	5,066	4	17	\$4,631,708

***DC APRP 4***

Count: 27

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
151580	6. Closed	941	1,079	1	74	\$1,009,842
151520	6. Closed	1,149	1,032	0	50	\$634,827
151560	6. Closed	440	1,102	2	70	\$664,002
146141	6. Closed	480	305	3	7	\$216,900
148620	6. Closed	1,000	847	0	13	\$249,755
109559	6. Closed	262	925	2	13	\$47,165
135900	6. Closed	12	333	0	7	\$64,162
141120	9. Canceled			0	0	
71057	6. Closed	1,897	2,059	10	21	\$1,557,161
154920	6. Closed	421	671	20	32	\$430,249
179560	6. Closed	0	320	1	4	\$93,080
181380	6. Closed	19	67	0	0	\$67,930
185060	6. Closed	514	490	3	15	\$144,445
158920	9. Canceled			0	0	
71287	6. Closed	1,266	1,693	7	59	\$915,045
78639	9. Canceled			0	0	
87203	6. Closed	3,548	3,400	1	153	\$1,183,922
103324	6. Closed	998	970	2	15	\$360,114
116180	6. Closed	3,130	4,090	12	45	\$148,508
127640	6. Closed	89	104	0	1	\$47,218
151000	6. Closed			0	0	
151001	6. Closed	740	750	4	25	\$571,298

<sup>1</sup> Scattered assigned BCA ID 2015 and included as a count of 1 within DC APRP 1

**PROJECTpipes - At A Glance**

**DC APRP FY14/15 (Year 1)**

Count: 101

***DC APRP 4***

Count: 27

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
157360	6. Closed	268	90	0	1	\$223,791
169640	6. Closed	134	113	0	1	\$20,314
177640	6. Closed	250	274	0	0	\$432,806
235920	6. Closed	598	457	0	0	\$1,367,147
248560	9. Canceled			0	0	
DC APRP 4 Subtotal:		18,156	21,171	68	606	\$10,449,680
<b>DC APRP FY14/15 (Year 1) TOTAL:</b>		<b>39,148</b>	<b>40,622</b>	<b>142</b>	<b>1,391</b>	<b>\$29,652,510</b>

<sup>1</sup> Scattered assigned BCA ID 2015 and included as a count of 1 within DC APRP 1

**PROJECTpipes - At A Glance**

**DC APRP FY16 (Year 2)**

Count: 16

***DC APRP 1***

Count<sup>1</sup>: 7

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
2016	6. Closed			0	115	\$574,366
219181	3. Active			0	0	
219260	3. Active	0	0	0	1	\$9,061
219380	6. Closed	0	0	0	10	\$106,205
219400	3. Active			0	0	
258400	6. Closed	0	0	0	4	\$40,028
259560	6. Closed	0	0	0	24	\$226,511
DC APRP 1 Subtotal:		0	0	0	154	\$956,171

***DC APRP 2***

Count: 4

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
255020	3. Active	365	65	1	1	\$351,976
169816	6. Closed	1,241	1,292	8	29	\$731,914
169821	6. Closed	350	0	0	5	\$292,193
102340	6. Closed	1,737	1,080	0	31	\$1,424,140
DC APRP 2 Subtotal:		3,693	2,437	9	66	\$2,800,224

***DC APRP 4 - Opt. Top 3***

Count: 2

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
254660	6. Closed	1,506	1,503	0	0	\$3,215,974
71050	6. Closed	696	1,366	7	36	\$580,642
DC APRP 4 - Opt. Top 3 Subtotal:		2,202	2,869	7	36	\$3,796,616

***DC APRP 4***

Count: 3

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
233561	6. Closed	1,442	1,358	12	25	\$1,229,531

<sup>1</sup> Scattered assigned BCA ID 2016 and included as a count of 1 within DC APRP 1



**PROJECTpipes - At A Glance**

**DC APRP FY16 (Year 2)**

Count: 16

***DC APRP 4***

Count: 3

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
261060	6. Closed	535	703	2	3	\$336,893
240260	6. Closed	386	370	0	29	\$381,528
DC APRP 4 Subtotal:		2,363	2,431	14	57	\$1,947,952
<b>DC APRP FY16 (Year 2) TOTAL:</b>		<b>8,258</b>	<b>7,737</b>	<b>30</b>	<b>313</b>	<b>\$9,500,962</b>

<sup>1</sup> Scattered assigned BCA ID 2016 and included as a count of 1 within DC APRP 1

**PROJECTpipes - At A Glance**

**DC APRP FY17 (Year 3)**

Count: 11

***DC APRP 1***

Count<sup>1</sup>: 7

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
2017	6. Closed			0	152	\$1,799,242
278205	9. Canceled			0	0	
280929	6. Closed	0	0	0	3	\$31,711
281044	6. Closed	0	0	0	1	\$7,620
281058	3. Active			0	0	
280961	6. Closed	0	0	0	4	\$106,310
281043	2. Authorized			0	0	
DC APRP 1 Subtotal:		0	0	0	160	\$1,944,883

***DC APRP 2***

Count: 2

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
255060	6. Closed	580	606	3	11	\$213,961
280225	6. Closed	3,008	3,003	5	31	\$958,390
DC APRP 2 Subtotal:		3,588	3,609	8	42	\$1,172,351

***DC APRP 4 - Opt. Top 3***

Count: 1

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
282864	6. Closed	441	382	0	0	\$597,895
DC APRP 4 - Opt. Top 3 Subtotal:		441	382	0	0	\$597,895

***DC APRP 4***

Count: 1

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
280052	6. Closed	338	352	1	12	\$165,183
DC APRP 4 Subtotal:		338	352	1	12	\$165,183
<b>DC APRP FY17 (Year 3) TOTAL:</b>		<b>4,367</b>	<b>4,343</b>	<b>9</b>	<b>214</b>	<b>\$3,880,313</b>

<sup>1</sup> Scattered assigned BCA ID 2017 and included as a count of 1 within DC APRP 1

**PROJECTpipes - At A Glance**

**DC APRP FY18 (Year 4)**

Count: 28

***DC APRP 1***

Count<sup>1</sup>: 14

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
2018	6. Closed			0	176	\$2,062,598
144622	6. Closed	0	0	0	1	\$72,469
145720	6. Closed	0	0	0	3	\$8,532
146204	6. Closed	0	0	0	3	\$177,236
169500	6. Closed	0	0	0	26	\$519,526
169502	6. Closed	0	0	0	6	\$40,791
169522	6. Closed	0	0	0	33	\$427,524
169544	6. Closed	0	0	0	17	\$229,604
169560	6. Closed	0	0	0	10	\$104,353
219023	6. Closed	0	0	0	1	\$35,054
225480	6. Closed	0	0	0	3	\$38,727
280919	6. Closed	0	0	0	1	\$6,543
280927	6. Closed	0	0	0	4	\$61,182
280931	6. Closed	0	0	0	3	\$22,151
DC APRP 1 Subtotal:		0	0	0	287	\$3,806,290

***DC APRP 2***

Count: 4

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
222440	6. Closed	1,179	1,035	13	57	\$955,584
255001	6. Closed	597	505	3	3	\$721,916
278736	6. Closed	3,437	1,827	5	12	\$4,434,956
282844	6. Closed	251	369	0	4	\$343,302
DC APRP 2 Subtotal:		5,464	3,736	21	76	\$6,455,758

***DC APRP 4 - Opt. Top 3***

Count: 2

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
254460	6. Closed	3,218	2,222	11	29	\$3,215,953

<sup>1</sup> Scattered assigned BCA ID 2018 and included as a count of 1 within DC APRP 1

**PROJECTpipes - At A Glance**

**DC APRP FY18 (Year 4)**

Count: 28

***DC APRP 4 - Opt. Top 3***

Count: 2

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
280121	6. Closed	784	760	1	2	\$474,391
DC APRP 4 - Opt. Top 3 Subtotal:		4,002	2,982	12	31	\$3,690,344

***DC APRP 4***

Count: 8

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
79440	6. Closed	1,027	853	3	17	\$568,135
110341	6. Closed	380	384	8	11	\$330,368
204620	6. Closed	2,622	1,980	18	77	\$2,174,913
239240	6. Closed	8,131	6,540	34	234	\$7,388,748
260940	6. Closed	1,157	985	0	1	\$464,720
261421	6. Closed	606	703	4	20	\$421,372
280360	6. Closed	170	327	1	4	\$121,737
280997	6. Closed	1,129	2,425	21	42	\$1,928,695
DC APRP 4 Subtotal:		15,222	14,197	89	406	\$13,398,689
<b>DC APRP FY18 (Year 4) TOTAL:</b>		<b>24,688</b>	<b>20,915</b>	<b>122</b>	<b>800</b>	<b>\$27,351,081</b>

<sup>1</sup> Scattered assigned BCA ID 2018 and included as a count of 1 within DC APRP 1

**PROJECTpipes - At A Glance**

**DC APRP FY19 (Year 5)**

Count: 14

***DC APRP 1***

Count<sup>1</sup>: 9

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
2019	6. Closed			0	243	\$4,037,526
219025	6. Closed	0	0	0	2	\$60,212
281045	6. Closed	0	0	0	1	\$14,627
280932	6. Closed	0	0	0	3	\$176,388
280933	6. Closed	0	0	0	2	\$24,196
169480	6. Closed	0	0	0	18	\$545,393
169582	6. Closed	0	0	0	15	\$221,253
280970	6. Closed	0	0	0	11	\$308,210
281061	6. Closed	0	0	0	1	\$15,060
DC APRP 1 Subtotal:		0	0	0	296	\$5,402,864

***DC APRP 2***

Count: 3

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
102479	2. Authorized			0	0	
169818	6. Closed	688	688	0	17	\$347,483
221820	6. Closed	353	315	4	12	\$370,557
DC APRP 2 Subtotal:		1,041	1,003	4	29	\$718,040

***DC APRP 4***

Count: 2

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
288712	6. Closed	346	377	2	9	\$1,022,903
288692	6. Closed	1,084	797	24	61	\$1,585,854
DC APRP 4 Subtotal:		1,430	1,174	26	70	\$2,608,756
<b>DC APRP FY19 (Year 5) TOTAL:</b>		<b>2,471</b>	<b>2,177</b>	<b>30</b>	<b>395</b>	<b>\$8,729,660</b>

<sup>1</sup> Scattered assigned BCA ID 2019 and included as a count of 1 within DC APRP 1

**PROJECTpipes - At A Glance**

**DC APRP FY20 (Year 6)**

Count: 70

***DC APRP 1***

Count<sup>1</sup>: 34

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
146202	3. Active	0	0	0	9	\$62,834
146201	6. Closed	150	0	0	23	\$506,240
146207	3. Active	0	0	0	37	\$392,642
144863	5. Pre-Close	0	0	0	3	\$136,647
2020-1	6. Closed			0	138	\$2,233,710
144801	3. Active	0	0	0	7	\$62,303
144841	3. Active	0	0	0	2	\$39,454
146208	3. Active	0	0	1	14	\$138,998
2020-2	6. Closed			0	77	\$1,478,840
280973	3. Active	0	0	0	18	\$291,968
169520	6. Closed	0	0	0	5	\$129,711
281059	3. Active	0	0	0	0	
169540	5. Pre-Close	0	0	0	36	\$629,847
169564	4. Paving	0	0	0	38	\$977,398
169566	3. Active	0	0	0	2	\$44,706
281042	6. Closed	0	0	0	1	\$43,590
281041	3. Active	0	0	0	0	
280995	3. Active	0	0	0	5	\$92,079
169481	6. Closed	0	0	0	16	\$211,798
280991	4. Paving	0	0	0	15	\$243,496
281056	3. Active	0	0	0	2	\$16,189
280964	6. Closed	0	0	0	6	\$370,460
280960	3. Active	0	0	0	6	\$326,386
280944	3. Active	0	0	0	10	\$214,908
280935	3. Active			0	0	\$813
2020-3	6. Closed			0	51	\$615,386
218980	6. Closed	0	0	0	1	\$47,490

<sup>1</sup> Scattered assigned BCA ID 2020-1, 2020-2, 2020-3 (representing each extension period and included as a count of 1 within DC APRP 1

**PROJECTpipes - At A Glance**

**DC APRP FY20 (Year 6)**

Count: 70

***DC APRP 1***

Count<sup>1</sup>: 34

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
219200	3. Active	0	0	0	12	\$237,773
220380	6. Closed	0	0	1	3	\$82,882
280993	3. Active	0	0	0	12	\$410,963
146222	3. Active	0	0	0	6	\$134,361
169460	3. Active	0	0	0	8	\$85,496
146241	3. Active	0	0	0	30	\$443,371
281062	3. Active			0	0	
DC APRP 1 Subtotal:		150	0	2	593	\$10,702,739

***DC APRP 2***

Count: 10

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
289402	5. Pre-Close	1,104	1,139	2	2	\$834,722
169817	6. Closed	394	381	0	2	\$461,456
292561	2. Authorized			0	0	
222221	3. Active	1,264	584	7	19	\$1,194,729
222380	6. Closed	392	357	3	3	\$578,037
222420	5. Pre-Close	3,819	4,910	16	65	\$2,782,534
223060	5. Pre-Close	296	256	5	20	\$941,234
294323	2. Authorized			0	0	
280811	3. Active	119	350	0	0	\$639,969
280819	3. Active	520	0	5	21	\$403,443
DC APRP 2 Subtotal:		7,908	7,977	38	132	\$7,836,124

***DC APRP 4***

Count: 26

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
283129	5. Pre-Close	400	593	7	8	\$292,142
287799	5. Pre-Close	785	826	3	13	\$987,350

<sup>1</sup> Scattered assigned BCA ID and included as a count of 1 within DC APRP 1

**PROJECTpipes - At A Glance**

**DC APRP FY20 (Year 6)**

Count: 70

**DC APRP 4**

Count: 26

BCA	Status	Act. Main Inst. (FT)	Act. Main Remed. (FT)	Act. Serv. Trans.	Act. Serv. Total	Act. Cost Project Total
215000	3. Active	5,415	5,685	27	140	\$3,974,543
280065	3. Active	799	935	1	18	\$7,166,654
288358	5. Pre-Close	1,654	2,693	2	32	\$4,888,774
286104	3. Active	9,445	3,328	50	164	\$11,206,291
52951	6. Closed	2,842	4,955	11	32	\$2,080,873
285137	2. Authorized			0	0	\$527,144
286503	3. Active	3,253	824	0	5	\$3,428,919
290559	5. Pre-Close	0	298	0	11	\$630,742
293819	3. Active	960	0	0	5	\$929,579
293976	2. Authorized			0	0	\$6,781
293369	4. Paving	996	6,354	0	1	\$2,581,645
294701	3. Active	236	0	0	0	\$155,066
295327	6. Closed	41	31	0	0	\$178,956
295799	2. Authorized			0	0	\$121,525
284897	4. Paving	1,771	1,765	0	0	\$4,461,525
290609	2. Authorized			0	0	
295824	2. Authorized			0	0	
281512	4. Paving	1,830	1,784	2	17	\$2,318,476
141100	3. Active	415	315	0	0	\$729,633
290377	5. Pre-Close	0	1,396	0	0	\$819,644
282955	4. Paving	253	866	1	1	\$553,167
293815	2. Authorized			0	0	\$8,271
284865	4. Paving	627	616	19	23	\$604,353
287031	2. Authorized			0	0	\$4,483
DC APRP 4 Subtotal:		31,722	33,264	123	470	\$48,656,534
<b>DC APRP FY20 (Year 6) TOTAL:</b>		<b>39,780</b>	<b>41,241</b>	<b>163</b>	<b>1,195</b>	<b>\$67,195,397</b>

<sup>1</sup> Scattered assigned BCA ID and included as a count of 1 within DC APRP 1



BCA #	BCA Name	Project List	Program	Design Abandonment (Footage)			Design Installation (Footage)			Actual Units (Footage) <sup>1</sup>		Replacement Type
				ABND LP	ABND MP	ABND Total	Install LP	Install MP	Install Total	Remediated	Installed	
71057	DC APRR 4 - 28TH ST NW - WARD 3 - OPT54541&54164	Year 1	APRR 4	2069	0	2069	1109	788	1897	2059	1897	LP-MP & LP-LP
71287	14TH ST NW~58877	Year 1	APRR 4	1765	0	1765	392	1064	1456	1693	1266	LP-MP & LP-LP
75360	DC APRR 2 - 19TH ST NE SHEPHERD TO TAYLOR SE - WARD 5 - F.O. Originated	Year 1	APRR 2	424	0	424	0	435	435	440	452	LP-MP
78639	AOP - ASHLEY TERR NW GREEN ALLEYS DDOT	Year 1	APRR 4	340	0	340	340	0	340	0	0	LP-LP
87203	W ST NW (OPTIMAIN~50998) (with BCA 71267/27198) - Ward 1&5	Year 1	APRR 4	3400	0	3400	0	3495	3495	3400	3548	LP-MP
100060	DC APRR 2 - PRIMROSE RD NW - WARD 4 - OPT67144	Year 1	APRR 2	1125	0	1125	0	1130	1130	1148	1180	LP-MP
102482	DC APRR 2 - SHEPHERD ST NW - WARD 4 - OPT67119	Year 1	APRR 2	1508	0	1508	1547	0	1547	1324	1544	LP-LP
103324	AOP - CONNECTICUT AVE NW H TO DUPONT FAPTE8888(319	Year 1	APRR 4	1351	0	1351	0	1410	1410	970	998	LP-MP
109559	DC APRR 4 - 29TH ST NW - WARD 2 - OPT54267 (with BCA 102483)	Year 1	APRR 4	775	0	775	0	0	0	925	262	Abandonment Only
116180	AOP Kalmia Rd Culvert Birch Drive NW DCKA-2010-T-0062	Year 1	APRR 4	3375	0	3375	0	3295	3295	4090	3130	LP-MP
127640	AOP 11TH ST AT K ST SE SD CONFLICT	Year 1	APRR 4	71	0	71	80	0	80	104	89	LP-LP
135900	DC APRR 4 - FLORIDA AVE NW - AOP DDOT - WARD 1 - OPT55960 (with BCA 38616)	Year 1	APRR 4	345	0	345	0	0	0	333	12	Abandonment Only
141100	DC APRR 4 - 15TH ST NW - WARD 2 - OPT215519	Year 1	APRR 4	315	0	315	320	0	320	315	415	LP-LP
141120	DC APRR 4 - 3RD ST NW - WARD 6 - OPT56886	Year 1	APRR 4	385	0	385	0	0	0	0	0	Abandonment Only
146140	DC APRR 2 - RODMAN ST NW - WARD 3 - OPT78401&77624 (with BCA 146141)	Year 1	APRR 2	1977	0	1977	0	2050	2050	2324	2347	LP-MP
146141	DC APRR 4 - SEDGEWICK ST NW - WARD 3 - OPT55387 (with BCA 146140)	Year 1	APRR 4	305	0	305	0	515	515	305	480	LP-MP
148620	DC APRR 4 - SHEPHERD ST NE - WARD 5 - OPT215076 (with BCA 150843 & 154840)	Year 1	APRR 4	668	0	668	0	790	790	847	1000	LP-MP
150843	DC APRR 2 - SHEPHERD ST NE - WARD 5 - OPT60642 (with BCA 148620 & 154840)	Year 1	APRR 2	773	0	773	0	770	770	769	779	LP-MP
151000	EMMR 20 AND I ST NE ABND 4 CILP DUE TO LEAK COMPANY CREW	Year 1	APRR 4	25	0	25	0	0	0	0	0	Abandonment Only
151001	20TH ST NE H TO I ST NW REPL 6 WRPD LP TO MP	Year 1	APRR 4	740	0	740	0	765	765	750	740	LP-MP
151520	DC APRR 4 - Allison and 3rd St NW Damage Prevention (Emerg Main Replace F.O. originated)	Year 1	APRR 4	1043	0	1043	0	1150	1150	1032	1149	LP-MP
151560	DC-APRR 4 - Montello Ave NE - Holbrook Terr ., Mt Olivet (Emerg Main Replace F.O. originated)	Year 1	APRR 4	1045	0	1045	0	400	400	1102	440	LP-MP
151580	DC APRR 4 - 17th ST SE C to D Repl 6" WRPD & 4" CI LP (Emerg Main Replace F.O. originated)	Year 1	APRR 4	1079	0	1079	0	945	945	1079	941	LP-MP
154840	DC APRR 2 - 18TH PL NE - WARD 5 - OPT60642 (with BCA 148620 & 150843)	Year 1	APRR 2	366	0	366	0	360	360	364	364	LP-MP
154920	DC APRR 4 - 7TH ST NE H TO K - F.O. Originated	Year 1	APRR 4	652	0	652	0	705	705	671	421	LP-MP
157360	DC ARP 4 South Chevy Chase (Associated BCA-138564)	Year 1	APRR 4	90	0	90	0	315	315	90	268	LP-MP
169640	EMMR - DC ARP 4 4505 SARGENT RD NE REPL LEAKING 6 CI LP DCI	Year 1	APRR 4	100	0	100	100	0	100	113	134	LP-LP
169809	DC APRR 2 - 44TH ST NW - WARD 3 - OPT78779	Year 1	APRR 2	347	0	347	0	410	410	327	493	LP-MP
179560	DC APRR 4 - EUCLID RD NW & CHAMPLAIN - F.O. Originated	Year 1	APRR 4	332	0	332	0	0	0	320	0	Abandonment Only
181380	DC APRR 4 - WEBSTER & 16TH ST NW - F.O. Originated	Year 1	APRR 4	112	0	112	125	0	125	67	19	LP-LP
185060	DC APR 4 - 4TH ST NW R AND FLORIDA 4 CILP - F.O. Originated	Year 1	APRR 4	455	0	455	0	455	455	490	514	LP-MP
71050	DC APRR 4 - 7TH ST NE - WARD 6 - OPT52385	Year 2	APRR 4 - OPT Top 3	1345	0	1345	0	680	680	1366	696	LP-MP
102340	DC APRR 2 - ALTON PL NW - WARD 3 - OPT78045 (with BCA 169821)	Year 2	APRR 2	1527	0	1527	0	1550	1550	1080	1737	LP-MP
169821	DC APRR 2 - 48TH ST NW - WARD 3 - OPT78226 (with BCA 102340)	Year 2	APRR 2	309	0	309	0	330	330	0	350	LP-MP
233561	DC APRR 4 - CORTLAND PL NW - AOP - WARD 3	Year 2	APRR 4	1078	0	1078	0	1380	1380	1358	1442	LP-MP
240260	DC APRR 4 - 4TH ST NW VARNUM WEBSTER - F.O. Originated - WARD 4	Year 2	APRR 4	370	0	370	0	375	375	370	386	LP-MP
261060	DC APRR 4 - N ST NW 6 TO 7TH ST - F.O. Originated - WARD 2&6	Year 2	APRR 4	805	0	805	0	545	545	703	535	LP-MP
223060	DC APRR 2 - INDEPENDENCE AVE SE - WARD 6 - OPT60345	Year 3	APRR 2	300	0	300	0	300	300	256	296	LP-MP
280052	DC APRR 4 - 6CILP LEAKING MAIN 112 ADAMS ST NW - Ward 5 - F.O. Originated	Year 3	APRR 4	352	0	352	0	350	350	352	338	LP-MP
280225	DC APRR 2 - Linnean Ave NW - Ward 3 - H010NW - F.O. Originated	Year 3	APRR 2	0	2635	2635	0	2650	2650	3003	3008	LP-MP
280811	DC APRR 2 - EASTERN AVE - WARD 4 - OPT 68257	Year 3	APRR 2	575	0	575	175	175	350	350	119	LP-LP & LP-MP
79440	DC APRR 4 - AOP - NEW JERSEY AVE NW H TO N - WARD 6	Year 4	APRR 4	853	0	853	0	1145	1145	853	1027	LP-MP
110341	DC ARP - 4 MT PLEASANT ST NW IRVING TO LAMONT ST NW OPT 50860 - F.O. Originated	Year 4	APRR 4	532	0	532	0	475	475	384	380	LP-MP
204620	DC APRR 4 - AOP DDOT - 17TH ST SE BARNEY CIR E CAPITOL ST - WARD 6	Year 4	APRR 4	1980	0	1980	0	2755	2755	1980	2622	LP-MP
215000	DC APRR 4 - AOP DDOT - 17TH ST NE E CAPITOL TO BENNING - WARD 6	Year 4	APRR 4	4375	0	4375	0	4745	4745	5685	5415	LP-MP
239240	DC APRR 4 - DC PLUG - Feeder 308_CY 2016	Year 4	APRR 4	9490	0	9490	0	7985	7985	6540	8131	LP-MP
260940	DC APRR 4 - MADISON PL NW - WARD 2 - F.O. Originated	Year 4	APRR 4	1055	0	1055	0	1275	1275	985	1157	LP-MP
261421	DC APRR 4 - WATER INFILTRATION 7TH & ALLISON NW - F.O. Originated - WARD 4	Year 4	APRR 4	717	0	717	0	590	590	703	606	LP-MP
280360	DC APRR 4 - 5700 BROAD BRANCH RD NW - WARD 4 - F.O. Originated	Year 4	APRR 4	327	0	327	0	160	160	327	170	LP-MP
280997	DC APRR 4 - CORCORAN ST NW - WARD 2 - F.O. Originated	Year 4	APRR 4	2503	0	2503	0	1150	1150	2425	1129	LP-MP
282844	DC APRR 2 - 5400 BLOCK 30TH ST NW - WARD 4 - OPT76780 - F.O. ORIGINATED	Year 4	APRR 2	364	0	364	250	0	250	369	251	LP-LP
52951	DC APRR 4 - AOP - 14TH ST NW THOMAS CIR TO FLORIDA FAP STP 1401(A)	Year 5	APRR 4	4975	0	4975	770	2445	3215	4955	2842	LP-MP & LP-LP
102479	DC APRR 2 - F.O. - OPT76865 - WATERSIDE DR NW - WARD 2	Year 5	APRR 2	631	0	631	0	605	605	0	0	LP-MP
169818	DC APRR 2 - F.O. - VERPLANCK PL NW - WARD 3 - OPT78647	Year 5	APRR 2	694	0	694	0	705	705	688	688	LP-MP
222221	DC APRR 2 - HAWTHORNE LA NW - WARD 3 - OPT78399	Year 5	APRR 2	1239	0	1239	0	1270	1270	584	1264	LP-MP
222420	DC APRR 2 - SEDGWICK ST NW - WARD 3 - OPT837652 & 107039	Year 5	APRR 2	3760	0	3760	0	3735	3735	4910	3819	LP-MP
280065	DC APRR 4 - 17TH ST NE - WARD 5 - OPT58594	Year 5	APRR 4 - OPT Top 3	370	575	945	0	1245	1245	935	799	LP-MP & MP-MP
280819	DC APRR 2 - HARRISON ST NW - WARD 3 - OPT78650	Year 5	APRR 2	1279	0	1279	0	1215	1215	0	520	LP-MP
281512	DC APRR 4 - AOP - MARTIN LUTHER KING JR. AVE CORRIDOR SAFETY IMPROVEMENTS	Year 5	APRR 4	1817	0	1817	730	825	1555	1784	1830	LP-MP & LP-LP
282955	DC APRR 4 - F.O. - ABND 8 AND 4 CILP FLORIDA & H NE - OPT788198 - D002NE2 - WARD 5	Year 5	APRR 4	960	0	960	0	460	460	866	253	LP-MP

BCA #	BCA Name	Project List	Program	Design Abandonment (Footage)			Design Installation (Footage)			Actual Units (Footage) <sup>1</sup>		Replacement Type
				ABND LP	ABND MP	ABND Total	Install LP	Install MP	Install Total	Remediated	Installed	
283129	DC APRP 4 - AOP - EASTERN AVE - DDOT - A012NW - WARD 4	Year 5	APRP 4	593	0	593	0	430	430	593	400	LP-MP
284865	DC APRP 4 - F.O. - 1400 BLOCK V ST SE - D004SE3 - WARD 8 - OPT47253	Year 5	APRP 4	537	10	547	0	535	535	616	627	LP-MP
286104	DC APRP 4 - AOP - MARYLAND AVE NE - WARDS 5&6	Year 5	APRP 4	13215	0	13215	400	10080	10480	3328	9445	LP-MP & LP-LP
287799	DC APRP 4 - AOP - EASTERN AVE - PEPCO - A013NW - WARD 4	Year 5	APRP 4	826	0	826	0	820	820	826	785	LP-MP
288358	DC APRP 4 - OPT51390 - NICHOLSON ST NW - D011NW - WARD 4	Year 5	APRP 4 - OPT Top 3	1285	1414	2699	0	1525	1525	2693	1654	LP-MP & MP-MP
288692	DC APRP 4 - F.O. ORIGINATED - 19TH ST NE - E002NE4 - WARD 6	Year 5	APRP 4	865	0	865	0	935	935	797	1084	LP-MP
288712	DC APRP 4 - F.O. ORIGINATED - S. Dakota Ave NE - C009NE4 - Ward 5	Year 5	APRP 4	254	0	254	25	350	375	377	346	LP-MP & LP-LP
289402	DC APRP 2 - F.O. - Veazey St NW - K008NW - Ward 3	Year 5	APRP 2	1139	0	1139	0	995	995	1139	1104	LP-MP
290377	DC APRP 4 - F.O. - Thomas Cir NW and M St NW - OPT 51890 - D003NW4 - Ward 2	Year 5	APRP 4	924	0	924	0	0	0	1396	0	LP Abandonment
290559	DC APRP 4 - F.O. - 700 Blk Kearney St NE - B006NE - WARD 5	Year 5	APRP 4	298	0	298	0	0	0	298	0	LP Abandonment
292561	DC APRP 2 - F.O. - MASS AVE NW - L008NW - WARD 3	Year 5	APRP 2	738	1538	2276	0	1775	1775	0	0	LP-MP & MP-MP
293819	DC APRP 4 - AOP - Cleveland Park - Ward 3 - G007NW - WARD 3	Year 5	APRP 4	1002	0	1002	250	960	1210	0	960	LP-LP & LP-MP
286503	DC APRP 4 - AOP - Massachusetts Ave NW Rehabilitation - Ward 2	Year 6 EXT 1	APRP 4	9782	119	9901	705	6890	7595	824	3253	LP-MP & LP-LP
285137	DC APRP 4 - AOP - Rehabilitation C St NE - Ward 6	Year 6 EXT 2	APRP 4	3896	0	3896	400	3100	3500	0	0	LP-MP & LP-LP
287031	DC APRP 4 - AOP - KENNEDY ST NW Ph 2 - Ward 4 - STP-2016(042)	Year 6 EXT 2	APRP 4	9270	0	9270	0	4855	4855	0	0	LP-MP
293815	DC F.O. - APRP 4 - Seaton PL NE - B004NE - Ward 5	Year 6 EXT 2	APRP 4	255	0	255	0	245	245	0	0	LP-MP
293976	DC F.O. - APRP 4 - 2200 Block M ST NE - F003NE - Ward 5 - OPT 215133	Year 6 EXT 2	APRP 4	871	0	871	0	755	755	0	0	LP-MP
294701	DC APRP 4 - AOP - 16th St NW Bus lanes - D002NW1 - Ward 2	Year 6 EXT 2	APRP 4	621	0	621	385	0	385	0	236	LP-LP
295327	DC F.O. - EMMR - APRP 4 - 1800 Minnesota Ave SE - E003SE	Year 6 EXT 2	APRP 4	31	0	31	40	0	40	31	41	LP-LP
295799	DC APRP 4 - AOP - Pennsylvania Ave & Minnesota Ave SE Intersection - F003SE	Year 6 EXT 2	APRP 4	168	0	168	185	0	185	0	0	LP-LP
295824	DC F.O. - APRP 4 - Massachusetts Ave NW - Ward 3 - I006NW - Phase 1, 2, and 3	Year 6 EXT 2	APRP 4	2445	0	2445	190	380	570	0	0	LP-MP
290609	DC APRP 4 -AOP- Gallatin St & Kansas Ave NW - DCKA-2013-T0084 - Ward 4 - B010NW4	Year 6 EXT 3	APRP 4	22	0	22	25	0	25	0	0	LP-LP

<sup>1</sup>Actual footage installed and remediated through 12/31/2020

## **CERTIFICATE OF SERVICE**

I, the undersigned counsel, hereby certify that on this 31st day of March 2021, I caused copies of the foregoing to be hand-delivered, mailed, postage-prepaid, or electronically delivered to the following:

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A handwritten signature in blue ink, appearing to read "Cathy Thurston-Seignious". The signature is fluid and cursive, with a long, sweeping tail on the final letter.

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CATHY THURSTON-SEIGNIOUS