

March 24, 2023

The Hon. Brett P. Smiley
Mayor
Ricky Caruolo
General Manager

Mrs. Luly Massaro
Commission Clerk
RI Public Utilities Commission
89 Jefferson Boulevard
Warwick, RI 02888

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RE: Docket D-23-06 ; Division of Public Utilities & Carriers; Set 1

Dear Mrs. Massaro:

Enclosed please find an original and 4 copies of Providence Water's responses to Division AS 1-1 through Division AS 1-10.

If you have any questions, I can be reached extension 7238.

Sincerely,

Nancy E. Parrillo
Senior Manager-Finance

cc: service list(via email)

MEMBER

Rhode Island Water Works Assn.
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Providence Water Docket D-23-06

**Data Requests of the
Division of Public Utilities and Carriers Set 1
March 17, 2023**

DIV AS 1-1: Provide Providence Water's latest Infrastructure Replacement plan.

RESPONSE: See attached spreadsheet for Providence Water's latest Infrastructure Replacement Plan (Exhibit AS 1-1).

Providence Water IFR Expenditure Plan FY 2021 through 2025		<u>Actual</u> <u>2021 - 2023</u>	<u>Budget</u> <u>2023 - 2025</u>	<u>Actual +</u> <u>Budget</u>	<u>Actual</u> <u>2021</u>	<u>Actual</u> <u>2022</u>	<u>Actual</u> <u>2023</u>	<u>Rem Budget</u> <u>2023</u>	<u>Budget</u> <u>2024</u>	<u>Budget</u> <u>2025</u>
<u>RAW WATER SUPPLY</u>										
1 Raw Water Supply Facilities										
01A	Various Raw Water Supply Facilities Projects	126,175	108,073	234,248	104,023	20,225	1,927	8,073	50,000	50,000
01B	Reservoir and Dam Inspections	139,204	122,140	261,345	87,165	4,180	47,860	2,140	80,000	40,000
2 Scituate Reservoir and Gainer Dam										
02A	Gainer Dam Spillway Rehabilitation	111,453	0	111,453	111,453	0	0	0		
8 Secondary Reservoirs and Dams										
08A	Secondary Reservoir and Dam Improvements	0	800,000	800,000	0	0	0	50,000	500,000	250,000
RW	Raw Water Supply Total	\$376,833	\$1,030,213	\$1,407,046	\$302,641	\$24,405	\$49,787	\$60,213	\$630,000	\$340,000
<u>TREATMENT</u>										
9 Treatment Plant Facilities										
09A	Various Treatment Plant Projects	560,966	989,034	1,550,000	0	0	560,966	439,034	400,000	150,000
09B	PW Lab Equipment	2,019	49,459	51,478	0	1,478	541	19,459	20,000	10,000
09C	Treatment Process and Water Quality Studies	168,845	2,211,089	2,379,934	9,281	70,653	88,911	511,089	1,000,000	700,000
09D	Treatment Plant Building Rehabilitation	1,721,759	3,529,001	5,250,761	1,530,053	20,708	170,999	829,001	1,500,000	1,200,000
09DE	Treatment Plant Building Rehabilitation (ENERGY BOND)	0	2,500,000	2,500,000	0	0	0	500,000	1,000,000	1,000,000
10 SCADA / Control System										
10A	SCADA / Control System Improvements	295,152	1,479,730	1,774,882	172,198	102,684	20,270	479,730	500,000	500,000
13 Sedimentation System										
13A	Clarification Upgrades (Cash Funded)	2,492,300	7,194,088	9,686,388	1,027,661	1,438,249	26,391	543,259	2,173,037	4,477,792
13B	Clarification Upgrades (Bond Funded)	0	50,000,000	50,000,000	0	0	0	0	0	50,000,000
14 Sludge Residual System										
14A	Residual Upgrades (Cash Funded)	224,036	2,126,279	2,350,315	0	0	224,036	1,280,000	347,010	499,269
14B	Residual Upgrades (Bond Funded)	0	20,000,000	20,000,000	0	0	0	0	10,000,000	10,000,000
15 Filtration System										
15A	Sand Filter Rehabilitation	1,517,500	2,065,780	3,583,279	91,800	1,291,479	134,220	965,780	1,100,000	
22 Lime System										
22A	Lime Feeder Replacement	437,330	163	437,492	209,947	217,545	9,838	163		
TP	Treatment Total	\$7,419,907	\$92,144,622	\$99,564,529	\$3,040,941	\$3,142,795	\$1,236,171	\$5,567,515	\$18,040,047	\$68,537,061
<u>STORAGE</u>										
24 Storage Facilities										
24A	Various Storage Facilities Projects	583,280	2,477,951	3,061,231	266,699	294,532	22,049	277,951	1,950,000	250,000
24B	Golden View Tank Replacement	0	8,000,000	8,000,000	0	0	0	0	8,000,000	
ST	Storage Total	\$583,280	\$10,477,951	\$11,061,231	\$266,699	\$294,532	\$22,049	\$277,951	\$9,950,000	\$250,000
<u>PUMPING</u>										
31 Pumping Facilities										
31A	Various Pumping Facilities Projects	293,550	138,246	431,795	45,205	136,591	111,754	38,246	50,000	50,000
32 Raw Water Booster Pump Station										
32A	Raw Water Booster Pump Station Building Improvements	0	1,600,000	1,600,000	0	0	0	1,600,000		
34 Ashby St. Pump Station										
34A	Ashby St Pump Station Replacement	468,521	0	468,521	455,061	13,460	0	0		
36 Cranston Commons Pump Station										
36A	Western Cranston and Johnston System Improvements	0	6,000,000	6,000,000	0	0	0	500,000	2,500,000	3,000,000
37 Dean Estates Pump Station										
37A	Dean Estates Pump Upgrades	0	780,000	780,000	0	0	0	30,000	750,000	
38 Fruit Hill Pump Station										
38A	Fruit Hill Pump Station Generator Replacement	0	500,000	500,000	0	0	0	500,000		
39 Greenville Ave Pump Station										
39A	Greenville Ave Pump Station Replacement	600,385	0	600,385	471,169	129,216	0	0		
40 Neutaconkanut Pump Station										
	There are no projects in the 5 year plan at this location		0	0						
41 Waltham St. Pump Station										
	There are no projects in the 5 year plan at this location		0	0						
PU	Pumping Total	\$1,362,456	\$9,018,246	\$10,380,702	\$971,435	\$279,267	\$111,754	\$2,668,246	\$3,300,000	\$3,050,000

Providence Water IFR Expenditure Plan
FY 2021 through 2025

	<u>Actual</u> 2021 - 2023	<u>Budget</u> 2023 - 2025	<u>Actual +</u> <u>Budget</u>	<u>Actual</u> 2021	<u>Actual</u> 2022	<u>Actual</u> 2023	<u>Rem Budget</u> 2023	<u>Budget</u> 2024	<u>Budget</u> 2025
TRANSMISSION									
42 Scituate Aqueduct and Tunnel (90")									
42A Scituate Aqueduct and Tunnel (90") Inspection	0	2,000,000	2,000,000	0	0	0	0		2,000,000
42B Scituate Aqueduct and Tunnel (90") Rehabilitation	0	1,000,000	1,000,000	0	0	0	0		1,000,000
43 Supplemental Tunnel and Aqueduct (78" & 102")									
43A 102" Aqueduct fiber optic monitoring	298,318	318,682	617,000	121,000	121,000	56,318	68,682	125,000	125,000
43B 78" Aqueduct Inspection	0	3,000,000	3,000,000	0	0	0	0	3,000,000	
43C 78" Aqueduct Rehabilitation	0	7,000,000	7,000,000	0	0	0	0	7,000,000	
43D 102" Aqueduct Inspection	0	0	0	0	0	0	0	0	
43E 102" Aqueduct Rehabilitation	351,617	38,727	390,344	195,474	144,870	11,273	38,727		
43F Supplemental Tunnel and Aqueduct Rehabilitation Plan	0	50,000	50,000	0	0	0	50,000		
44 Raw Water Conduits and Valves									
44A Raw Water Conduits Inspection and Improvements	117,427	198,474	315,900	0	15,900	101,526	198,474		
45 Transmission System Facilities									
45A Various Transmission System (16" - 66") Facilities Projects	385,799	1,352,243	1,738,042	310,220	27,822	47,758	352,243	500,000	500,000
TR Transmission Total	\$1,153,162	\$14,958,125	\$16,111,286	\$626,694	\$309,592	\$216,875	\$708,125	\$10,625,000	\$3,625,000
DISTRIBUTION									
46 Distribution Water Mains									
46A Water Main Cash Funded Rehabilitation	12,076,515	6,100,146	18,176,662	6,019,784	5,106,178	950,554	3,100,146	3,000,000	0
46B Water Main Bond Funded Rehabilitation	32,997,791	49,386,779	82,384,570	8,955,049	15,074,786	8,967,956	5,480,288	15,000,000	28,906,491
47 Distribution System Facilities									
47A Various Distribution System Facilities Projects	1,649,565	2,415,109	4,064,674	616,880	697,794	334,891	415,109	1,000,000	1,000,000
47B Lead Service Replacements (Bond)	0	31,500,000	31,500,000	0	0	0	0	16,000,000	15,500,000
47C Lead Service Replacements (Cash)	4,650,546	344,349	4,994,895	2,152,436	842,459	1,655,651	344,349	0	0
DI Distribution Total	\$51,374,417	\$89,746,384	\$141,120,801	\$17,744,149	\$21,721,216	\$11,909,052	\$9,339,893	\$35,000,000	\$45,406,491
SUPPORT									
48 Support System Facilities									
48A Various Support System Facilities Projects	945,839	522,098	1,467,937	471,898	396,039	77,902	122,098	200,000	200,000
48B Various Support System Projects (ENERGY BOND)	0	2,500,000	2,500,000	0	0	0	500,000	1,000,000	1,000,000
52 Records Management System (GIS/AM)									
52A Records Management System (GIS/AM) Improvements	914,332	1,304,919	2,219,251	155,952	563,299	195,081	304,919	500,000	500,000
53 Billing System									
53A Billing System Replacement	195,332	3,739,036	3,934,367	0	134,367	60,965	1,939,036	1,000,000	800,000
SU Support Total	\$2,055,503	\$8,066,053	\$10,121,556	\$627,850	\$1,093,706	\$333,947	\$2,866,053	\$2,700,000	\$2,500,000
PT PROJECTS TOTAL	\$64,325,557	\$225,441,593	\$289,767,151	\$23,580,408	\$26,865,513	\$13,879,636	\$21,487,995	\$80,245,047	\$123,708,552

Providence Water Docket D-23-06

**Data Requests of the
Division of Public Utilities and Carriers Set 1
March 17, 2023**

DIV AS 1-2: Provide the Rhode Island Department of Health's Project Priority List identifying the proposed project to be funded by this borrowing.

RESPONSE: See attached for the Rhode Island Department of Health's Project Priority List (Exhibit AS 1-2). This project is highlighted on page 3 of the exhibit.



PROJECT PRIORITY LIST 2022- AMENDED
FINAL

VERSION DATE: December 21, 2022

SYSTEM NAME	PWS ID	POP. SERVED	NEW	SOURCE FUND*	PROJECT DESCRIPTION	SCORES										TOTAL	EST. START DATE	FUNDS REQUESTED
						A	B	C	D	E	F	G						
Prudence Island Water District	1592023	1500		SS	4-log Chlorination and Fe and Mn removal	45	2	0	0	5	0	0	0	0	0	52	Mar-22	\$1,000,000
Narragansett North-End	1858429	4432		BS	Tank Aeration System	35	2	0	0	5	5	0	0	0	47	Apr-23	\$225,000	
Narragansett North-End	1858429	4432		BS	Chlorine Treatment and Controls at Tank	35	2	0	0	5	5	0	0	0	47	Apr-23	\$430,000	
Narragansett Point Judith	1858428	8210		BS	Tank Aeration System	35	2	0	0	5	5	0	0	0	47	Apr-23	\$450,000	
Narragansett Point Judith	1858428	8210		BS	Chlorine Treatment and Controls at Tanks	35	2	0	0	5	5	0	0	0	47	Apr-22	\$410,000	
Block Island Water	1858430	9999		BS	New Well #7	21	13	0	0	5	5	0	0	0	44	Oct-24	\$425,000	
Bristol County Water Authority	1647515	49000		BS	Emergency Interconnections with East Providence and Pawtucket	21	10	0	1	5	5	0	0	0	42	May-23	\$45,000,000	
Cumberland Water Department	1647530	21178		BS	Site 2 New Well and appurtenances and distribution system upgrades	21	4	0	1	5	5	0	0	0	36	Apr-23	\$6,100,000	
Stonebridge Fire District	1615619	2607		BS	Emergency interconnect	21	4	0	1	5	5	0	0	0	36	Aug-22	\$250,000	
Block Island Water	1858430	9999		BS	New water storage tank	12	13	0	0	5	5	0	0	0	35	Oct-23	\$850,000	
Pascoog Utility District	1592020	2985		BS	Well Exploration/Development	21	4	0	0	5	5	0	0	0	35	Jun-22	\$1,450,000	
East Providence Water Utilities	1615610	47618		BS	Emergency Connection/Alternate Source	21	7	0	1	5	0	0	0	0	34	May-24	\$22,000,000	
Smithfield Water Supply Board	1615616	9460		BS	New Water Supply Exploration	21	2	0	1	5	5	0	0	0	34	Jun-23	\$500,000	
Greenville Water District	1858410	9500		BS	Emergency Inerconnection with Providence and a new pump station	21	1	0	1	5	5	0	0	0	33	Apr-23	\$4,800,000	
Harrisville Fire District	1858411	2850		BS	New Well in Oakland	21	1	0	1	5	5	0	0	0	33	Jul-22	\$3,367,000	
Jamestown Water Department	1858419	3178		BS	Water Storage Tank Rehabilitation	12	10	0	1	5	5	0	0	0	33	Jul-22	\$1,500,000	
Providence Water	1592024	600000		BS	Coagulation/Clarification Treatment Improvements	19	4	0	0	5	5	0	0	0	33	Mar-23	\$150,000,000	
City of Newport	1592010	42000		BS	Forest Ave Pump Station Improvements	14	7	0	1	5	5	0	0	0	32	Jul-24	\$2,300,000	
North Kingstown	1559517	23568		EC	Replacement for Well #6	21	1	0	0	5	5	0	0	0	32	Oct-23	\$4,000,000	
Village on Chopmist Hill	2943224	250		SS	Water System Improvements	21	0	0	1	5	5	0	0	0	32	Jul-22	\$918,000	
Bristol County Water Authority	1647515	49000		BS	Water Distribution System Improvement Program	10	10	0	1	5	5	0	0	0	31	May-23	\$4,000,000	
Jamestown Water Department	1858419	3178		BS	Water Distribution Improvements	10	10	0	1	5	5	0	0	0	31	Sep-22	\$2,000,000	

South Kingstown - Middlebridge	1000015	576	BS	WQ Study and Treatment	19	1	0	1	5	5	0	31	Jun-23	\$100,000
Quonochontaug East Beach	1647511	300	EC	PFAS Treatment	19	2	0	0	5	5	0	31	Apr-24	\$450,000
Bristol County Water Authority	1647515	49000	LL	Lead Service Line Replacements	10	10	0	1	5	5	0	31	May-23	\$1,000,000
Ashaway Elementary School	1858417	300	BS	Generator and Repair Well #1	21	0	0	1	3	5	0	30	Apr-23	\$115,000
Slater'sville Public Supply	1615614	3224	BS	Constock Standpipe Improvements Upgrade Pump Station, Demo Old Tanks	12	7	0	1	5	5	0	30	Jul-22	\$3,394,340
South Kingstown - South Shore	1615623	4517	BS	WQ Study and Treatment	19	1	0	0	5	5	0	30	Jun-23	\$500,000
South Kingstown - South Shore	1615623	4517	BS	New Factory Pond Well Field Water Treatment Plant	19	1	0	0	5	5	0	30	Jun-23	\$7,000,000
University of Rhode Island	1858422	19354	EC	PFAS Source and Drinking Water Remediation	19	0	0	1	5	5	0	30	Jun-22	\$10,000,000
Central Beach Fire District	1647512	470	BS	4-log chlorination system, iron removal and possible new well	19	0	0	0	5	5	0	29	Jun-23	\$1,600,000
Prudence Island Water District	1592023	1500	BS	New Well	21	2	0	0	5	0	0	28	Apr-23	\$250,000
Champlin Scout Reservation	2980248	200	BS	Connect to Municipal Water	21	0	5	1	1	0	0	28	Sep-23	\$175,000
Champlin Scout Reservation	2980249	75	BS	Connect to Municipal Water	21	0	5	1	1	0	0	28	Sep-23	\$175,000
Kingston Water District	1858421	3968	BS	West Kingston Well	21	1	0	1	5	0	0	28	Jul-24	\$1,000,000
City of Newport	1592010	42000	BS	Construction Distribution Main Improvements IV	10	7	0	1	5	5	0	28	Sep-22	\$3,300,000
City of Newport	1592010	42000	BS	Construction Distribution Main Improvements V	10	7	0	1	5	5	0	28	Jul-24	\$4,000,000
City of Newport	1592010	42000	BS	Emergency Interconnect between Low and Medium Pressure Zones	10	7	0	1	5	5	0	28	Jul-23	\$850,000
Newport Boys and Girls Club- Well	2980477	125	BS	Well Improvements, Transmission Replacement	21	0	0	1	1	5	0	28	Apr-23	\$29,000
Slater'sville Public Supply	1615614	3224	BS	St. Paul Water Main	10	7	0	1	5	5	0	28	Jul-23	\$2,544,720
West Glocester Elementary	1900041	541	EC	PFAS Treatment and Water System Upgrades	19	0	0	1	3	5	0	28	Apr-24	\$450,000
City of Newport	1592010	42000	LL	Lead Service Line Replacement Program	10	7	0	1	5	5	0	28	Jul-23	\$5,150,000
Stonebridge Fire District	1615619	2607	BS	Improvements N. Brayton Standpipe	12	4	0	1	5	5	0	27	Aug-22	\$300,000
Shannock Water District	1647529	75	SS	Interconnect/Resiliency/Redundancy	21	0	0	1	5	0	0	27	Jul-22	\$95,000
City of Newport	1592010	42000	BS	Leak Detection Program	8	7	0	1	5	5	0	26	Sep-24	\$200,000
Greenville Water District	1858410	9500	BS	Mapleville S. Pump Station Upgrade	14	1	0	1	5	5	0	26	Aug-22	\$400,000
Pascoag Utility District	1592020	2985	BS	Tank Mixing Systems	12	4	0	0	5	5	0	26	Jun-22	\$41,940

Providence Water	1592024	600000	BS	Storage Tanks Rehabilitation and Improvements	12	4	0	0	5	5	0	26	Mar-23	\$25,000,000
Captain Isaac Paine School	1583823	460	BS	Replace Well, Construct Pump House and Associated Appurtenances	21	0	0	1	3	0	0	25	Aug-21	\$450,000
Charlho Middle School	2980185	1500	BS	Repair Wells #2 and #3, consolidate with HS	21	0	0	1	3	0	0	25	Apr-23	\$425,000
Cumberland Water Department	1647530	21178	BS	Replace Transmission Line to Coppermine Tank	10	4	0	1	5	5	0	25	May-23	\$1,000,000
Prudence Park Water Co-op	1647514	40	BS	Well, Storage Tank, Pump House Impr., Distribution Replacement	21	2	0	1	1	0	0	25	Oct-22	\$1,200,000
Stonebridge Fire District	1615619	2607	BS	Water Main Replacement	10	4	0	1	5	5	0	25	Aug-22	\$450,000
Pawtucket Water Supply Board	1592021	98130	LL	Lead Service Line Inventory	10	4	0	1	5	5	0	25	Oct-22	\$2,000,000
Shannock Water District	1647529	75	SS	Manganese Treatment System	19	0	0	1	5	0	0	25	Feb-23	\$98,000
Pawtucket Water Supply Board	1592021	98130	SS	East Providence Interconnection	10	4	0	1	5	5	0	25	Oct-22	\$4,000,000
Pawtucket Water Supply Board	1592021	98130	SS	Main Replacement - MR13	10	4	0	1	5	5	0	25	Apr-23	\$5,000,000
Richmond Water	1000040	2501	BS	4-log chlorination system	19	0	0	0	5	0	0	24	Sep-22	\$400,000
Greene School	2980310	25	BS	Well Improvements and Consolidation	21	0	0	0	3	0	0	24	Apr-23	\$120,000
Greene School	2980050	250	BS	Generator, Well Improvements, Consolidation	21	0	0	0	3	0	0	24	Apr-23	\$120,000
Providence Water	1592024	600000	BS	Rehab/Repl Transmission and Distrib. & Appurt. & Pub/Priv Pb Services	10	4	0	0	5	5	0	24	Apr-22	\$488,000,000
Providence Water	1592024	600000	LL	Lead Service Line Replacement Program	10	4	0	0	5	5	0	24	Jun-22	\$184,000,000
Nasonville Water District	1900034	150	SS	Replace Failing Tank Mixing System	12	2	0	0	5	5	0	24	Sep-22	\$20,000
Pascoag Utility District	1592020	2985	BS	Hydrant Replacement	10	4	0	0	5	5	0	24	Apr-23	\$125,000
East Providence Water Utilities	1615610	47618	BS	Cleaning and Lining of Water Mains	10	7	0	1	5	0	0	23	Sep-22	\$20,000,000
Cumberland Water Department	1647530	21178	BS	Distribution System Improvements	10	2	0	1	5	5	0	23	Apr-23	\$3,500,000
Kingston Water District	1858421	3968	BS	Transmission Line Replacement	10	2	0	1	5	5	0	23	May-24	\$2,500,000
Kingston Water District	1858421	3968	BS	Water Main Replacement	10	2	0	1	5	5	0	23	May-23	\$1,000,000
Stonebridge Fire District	1615619	2607	BS	WTP Monitoring, Controls and Scada System	8	4	0	1	5	5	0	23	Jun-22	\$250,000
Smithfield Water Supply Board	1615616	9460	BS	Water Main Installation on Stillwater Rd for Redundancy/Resiliency	10	2	0	1	5	5	0	23	Jun-23	\$4,400,000
Smithfield Water Supply Board	1615616	9460	BS	Water Main Installation on Stillwater, Limerock and Douglas for Redundancy/Resiliency	10	2	0	1	5	5	0	23	Jun-23	\$4,000,000
Smithfield Water Supply Board	1615616	9460	BS	Water Main Replacement and Looping	10	2	0	1	5	5	0	23	Jun-23	\$800,000

Smithfield Water Supply Board	1615616	9460	BS	Water Main Installation on Harris for Redundancy/Resiliency	10	2	0	1	5	5	0	23	Jun-23	\$4,400,000
Smithfield Water Supply Board	1615616	9460	BS	Pressure Control and Water main Looping	10	2	0	1	5	5	0	23	Jun-23	\$750,000
Smithfield Water Supply Board	1615616	9460	BS	Water Transmission Line Replacement	10	2	0	1	5	5	0	23	Jun-23	\$750,000
University of Rhode Island	1858422	19354	BS	New Storage Tank and Rehabilitation of Existing Storage Tank	12	0	0	1	5	5	0	23	Jun-22	\$9,620,000
East Providence Water Utilities	1615610	47618	LL	Lead Service Line Repalcements	10	7	0	1	5	0	0	23	Oct-22	\$100,000
Pawtucket Water Supply Board	1592021	98130	SS	Water Meter Replacement and Meter Reading System	8	4	0	1	5	5	0	23	Oct-22	\$8,000,000
Harrisville Fire District	1858411	2950	BS	Lapham Farm Rd Distribution Loop	10	1	0	1	5	5	0	22	Oct-22	\$2,000,000
Harrisville Fire District	1858411	2950	BS	Smith Rd, Round Top Rd, Central St, Carrie Ln, and Rt 102 looping	10	1	0	1	5	5	0	22	Jul-22	\$2,980,000
Harrisville Fire District	1858411	2950	BS	Connect Cherry Farm Rd Storage Tank to Sherman Farm Rd distribution	10	1	0	1	5	5	0	22	Jul-22	\$1,971,997
Harrisville Fire District	1858411	2950	LL	Lead Service Line Inventory	10	1	0	1	5	5	0	22	Dec-22	\$100,000
City of Warwick	1615627	75000	BS	Distribution System Replacement/Cleaning and Lining	10	1	0	0	5	5	0	21	Jul-22	\$15,000,000
City of Warwick	1615627	75000	BS	Replacement of Valves, By-pass and Valve Chamber	10	1	0	0	5	5	0	21	Nov-22	\$2,000,000
East Providence Water Utilities	1615610	47618	BS	Meter Replacement Project	8	7	0	1	5	0	0	21	Sep-22	\$3,000,000
Kingston Water District	1858421	3968	BS	Generator Well #2	8	2	0	1	5	5	0	21	Jul-22	\$25,000
Shady Harbor Fire District	1559513	300	BS	Distribution System Replacement	10	0	0	1	5	5	0	21	Apr-23	\$1,200,000
North Kingstown	1559517	23568	LL	Lead Service Line Replacement	10	1	0	0	5	5	0	21	Oct-23	\$900,000
City of Warwick	1615627	75000	LL	Lead Service Line Replacement	10	1	0	0	5	5	0	21	Mar-23	\$2,500,000
Woonsocket Water Division	1559518	43806	SS	Highland Park Water Tower Replacement	12	4	0	0	5	0	0	21	Apr-23	\$3,500,000
Narragansett North-End	1858429	4432	BS	Replace Water Meters and Remote Read System	8	2	0	0	5	5	0	20	Sep-22	\$515,000
Narragansett Point Judith	1858428	8210	BS	Replace Water Meters and Remote Read System	8	2	0	0	5	5	0	20	Sep-22	\$950,000
Greenville Water District	1858410	9500	BS	Meter Replacement Project	8	1	0	1	5	5	0	20	Sep-22	\$500,000
South Kingstown - Middlebridge	1000015	576	BS	Leak Detection Program	8	1	0	1	5	5	0	20	Sep-22	\$20,000
Charlho High School	1592030	1300	BS	Generator and Improvements to Well	16	0	0	1	3	0	0	20	Apr-23	\$300,000
Kingston Water District	1858421	3968	BS	4-Log Chlorination for Each Well	7	2	0	1	5	5	0	20	Jan-23	\$50,000
Narragansett North-End	1858429	4432	BS	Wholesale Meter Pit Replacement	8	2	0	0	5	5	0	20	Apr-23	\$450,000

Portsmouth Water and Fire District	1592022	16530	BS	16530	Rehab of Sakonnet R. Crossing Pipeline	10	4	0	1	5	0	0	20	Sep-22	\$767,625
Portsmouth Water and Fire District	1592022	17090	BS	17090	Water Main Rehab	10	4	0	1	5	0	0	20	Dec-23	\$8,000,000
Nasonville Water District	1900034	150	SS	150	Replace Radio Communication Equipment for Storage Tank and Pump	8	2	0	0	5	5	0	20	Sep-22	\$20,000
Touisset Point Water Trust	1615626	225	BS	225	Water Meter Installation at all Connections	8	7	0	0	5	0	0	20	Apr-23	\$130,000
South Kingstown - South Shore	1615623	4517	BS	4517	Leak Detection Program	8	1	0	0	5	5	0	19	Sep-22	\$40,000
Lincoln Water Commission	1858423	21780	BS	21780	Replace Old River Rd Standpipe	12	1	0	1	5	0	0	19	Aug-22	\$4,300,000
North Kingstown	1559517	23568	BS	23568	Meter Replacement	8	1	0	0	5	5	0	19	Oct-23	\$1,460,000
North Kingstown	1559517	23568	BS	23568	Generator Well #9	8	1	0	0	5	5	0	19	Oct-23	\$150,000
Woonsocket Water Division	1559518	43806	LL	43806	Private-side lead service line replacement	10	4	0	0	5	0	0	19	Jul-22	\$525,000
Woonsocket Water Division	1559518	43806	SS	43806	Security System for Assests	10	4	0	0	5	0	0	19	Jul-22	\$200,000
Woonsocket Water Division	1559518	43806	SS	43806	Fairmount St Water Main Replacement	10	4	0	0	5	0	0	19	Apr-23	\$1,369,000
Woonsocket Water Division	1559518	43806	SS	43806	South Main St Water Main Replacement	10	4	0	0	5	0	0	19	Apr-23	\$1,650,000
Woonsocket Water Division	1559518	43806	SS	43806	Asylum St Water Main Replacement	10	4	0	0	5	0	0	19	Apr-23	\$107,500
Woonsocket Water Division	1559518	43806	SS	43806	Logee St Water Main Replacement	10	4	0	0	5	0	0	19	Apr-23	\$505,417
Scituate HS & MS	161512	1400	BS	1400	System Upgrades, New Pump House, Generator	14	0	0	1	3	0	0	18	Apr-23	\$450,000
Portsmouth Water and Fire District	1592022	17090	BS	17090	SCADA Improvements	8	4	0	1	5	0	0	18	Aug-22	\$300,000
Quonset Business Park	1592025	11000	BS	11000	Transmission Main Upgrades for Main Water Supply Lines	10	0	0	0	3	5	0	18	Jul-23	\$550,000
Trinity Lutheran Preschool	2980127	45	BS	45	Generator	8	0	0	1	3	5	0	17	Apr-23	\$12,000
Lincoln Water Commission	1858423	21780	BS	21780	Water Main Improvements	10	1	0	1	5	0	0	17	Aug-22	\$2,500,000
Yawgoog Scout Reservation	1000018	1200	BS	1200	Water Main Replacement	10	0	0	1	1	5	0	17	Sep-23	\$425,000
Woonsocket Water Division	1559518	43806	SS	43806	SCADA for Distribution System	8	4	0	0	5	0	0	17	Jul-22	\$300,000
Woonsocket Water Division	1559518	43806	SS	43806	Water Meter Replacement	8	4	0	0	5	0	0	17	Jul-22	\$5,000,000
Charlestown Elementary School	1647525	350	BS	350	Generator	8	0	0	0	3	5	0	16	Apr-23	\$100,000
Frosty Drew Observatory	2980176	28	BS	28	System Improvements and Generator	8	0	0	1	1	5	0	15	Apr-23	\$100,000
Hog Island Water Assn-South End	1000097	100	BS	100	Pump House, Storage, Electrical/Solar/Generator and Mechanical Improvements	12	1	0	0	1	0	0	14	Jul-22	\$125,000

Shannock Water District	1647529	75	BS	Installation of Backflow Preventers	8	0	0	1	5	0	0	14	Jul-22	\$22,000
Shannock Water District	1647529	75	SS	Generator	8	0	0	1	5	0	0	14	Jul-22	\$30,000
Kingston Water District	1858421	3968	BS	Lime and Material Storage Building/Alternate Ops Center	0	2	0	1	5	5	0	13	Mar-23	\$50,000
Hog Island Water Assn-South End	1000097	100	BS	Distribution System Improvements	10	1	0	0	1	0	0	12	Sep-22	\$450,000
Westwood YMCA	2051712	610	BS	Emergency Generator	8	0	0	0	1	0	0	9	Sep-22	\$10,000
Exeter Public Library	2980403	33	BS	Emergency Generator	8	0	0	0	1	0	0	9	Oct-22	\$40,000
Kent County Water Authority	1559511	88780	BS	New Office and Maintenance Facility	0	2	0	0	5	0	0	7	May-22	\$20,000,000

NEW PROJECTS													2
SOURCE TOTALS													
BASE SRF GRANT TOTAL													\$912,235,622
SUPPLEMENTAL SRF GRANT TOTAL													\$31,812,917
LEAD SERVICE REPLACEMENT GRANT TOTAL													\$196,275,000
EMERGING CONTAMINANTS GRANT TOTAL													\$14,900,000
TOTAL REQUESTED FUNDS													\$1,152,708,539

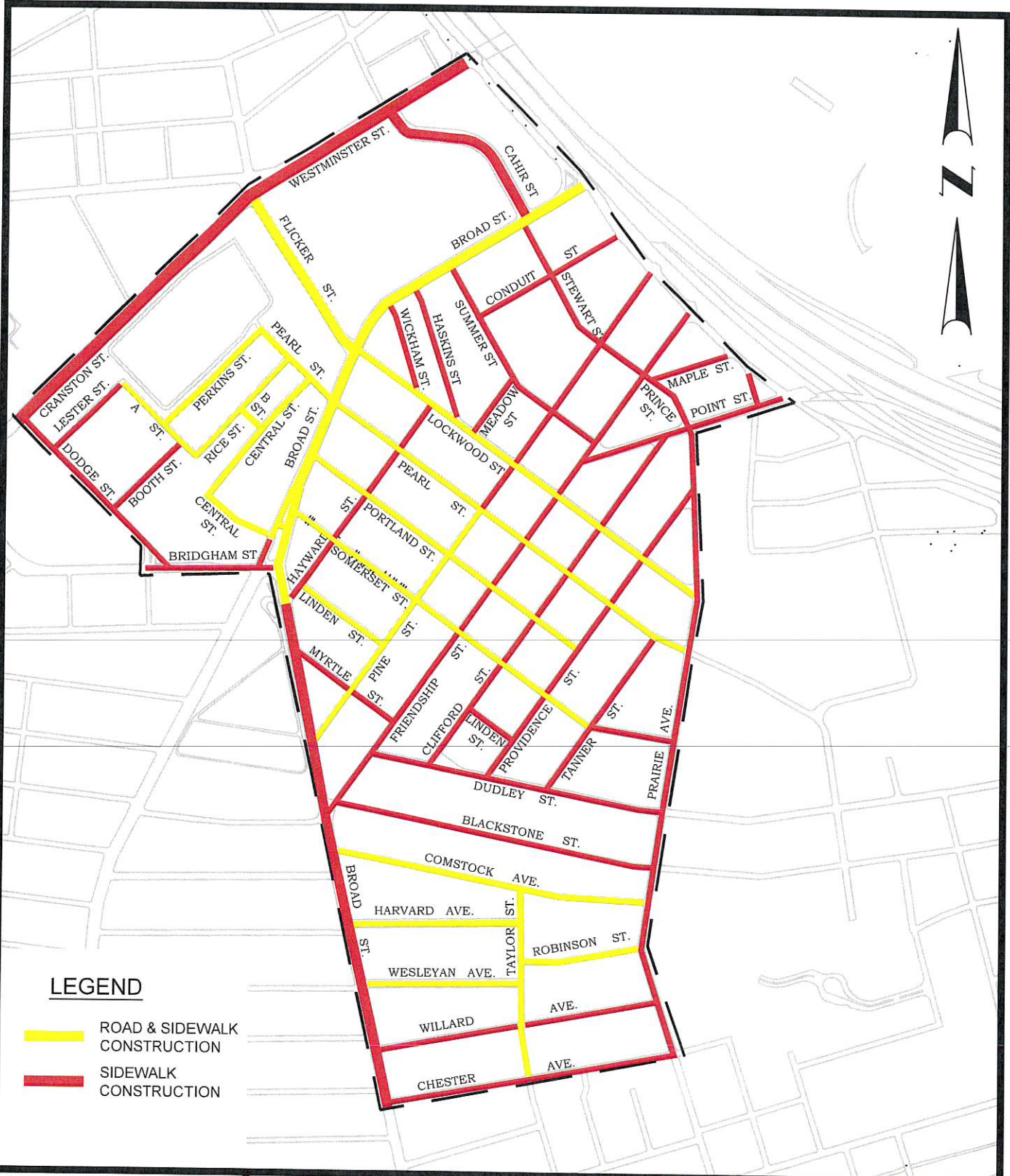
1 BS - Base SRF Grant
 SS - Supplemental SRF Grant
 LL - Lead Service Line Replacement Grant
 EC - Emerging Contaminants Grant

Providence Water Docket D-23-06

**Data Requests of the
Division of Public Utilities and Carriers Set 1
March 17, 2023**

DIV AS 1-3: Provide a detailed description and site plan for the proposed Trinity Square Water Main Rehabilitation Project.

RESPONSE: The Trinity Square Water Main Rehabilitation Project includes rehabilitation of about 50,000 linear feet of 6-, 8-, 10- and 12-inch cast-iron water mains and replacement of appurtenances (valves and hydrants) in the Trinity Square area of Providence. The attached map (Exhibit AS 1-3) shows the locations where water main rehabilitation work will occur as part of this project (highlighted in yellow and red). This work coincides with the roads where future sidewalk and paving improvement work will occur at a later date. This project does not include lead service replacements. That work will be included in a separate contract.



LEGEND

-  ROAD & SIDEWALK CONSTRUCTION
-  SIDEWALK CONSTRUCTION

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CITY OF PROVIDENCE
PLANNING AND DEVELOPMENT
444 WESTMINSTER STREET
PROVIDENCE, RI 02903

**GREATER TRINITY SQUARE
IMPROVEMENTS**

PROVIDENCE

RHODE ISLAND

PROJECT AREA MAP

Providence Water Docket D-23-06

**Data Requests of the
Division of Public Utilities and Carriers Set 1
March 17, 2023**

- DIV AS 1-4:** Please provide the following information related to the services associated with the proposed project. Include the current numbers along with the expected numbers subsequent to the completion of the project.
1. Total number of services
 2. Number of services that do not have lead on either side of the public or private side.
 3. Number of services that have lead on the public side only
 4. Number of services that have lead on the private side only
 5. Number of services that have lead on both the public and private services

RESPONSE: This project does not include lead service replacements; that work will be included in a separate contract.

Providence Water Docket D-23-06

**Data Requests of the
Division of Public Utilities and Carriers Set 1
March 17, 2023**

DIV AS 1-5: Please explain whether the loan proceeds can be used replace both private and public lead services or whether there are any restrictions on using the loan proceeds to replace lead services.

RESPONSE: There are no lead services replacements associated with this project.

Providence Water Docket D-23-06

**Data Requests of the
Division of Public Utilities and Carriers Set 1
March 17, 2023**

DIV AS 1-6: If the loan proceeds cannot be used to fund service replacements, please explain how the replacement of any services associated with the project will be funded.

RESPONSE : There are no lead service replacements associated with this project.

Providence Water Docket D-23-06

**Data Requests of the
Division of Public Utilities and Carriers Set 1
March 17, 2023**

DIV AS 1-7: Is Providence Water able to utilize any funds made available through the Bipartisan Infrastructure Law (BIL) recently passed by the United States Congress for lead service line replacements?

RESPONSE : It is our understanding that Bipartisan Infrastructure Law (BIL) funds are not being used to fund this project as this project is for water main rehabilitation/replacement and not lead services.

Providence Water Docket D-23-06

**Data Requests of the
Division of Public Utilities and Carriers Set 1
March 17, 2023**

DIV AS 1-8: How many public-side, lead service connections remain in Providence Water's distribution system?

RESPONSE: As of 3/21/2023, there are estimated to be 9,198 public side lead service connections remaining in Providence Water's distribution system.

Providence Water Docket D-23-06

**Data Requests of the
Division of Public Utilities and Carriers Set 1
March 17, 2023**

DIV AS 1-10: Provide an updated plan of Providence Water's Distribution System which highlights the water main rehabilitation program to date. Please include all completed projects and all proposed 2023 projects.

RESPONSE: See attached map titled "Water Main Rehabilitation Projected Plan" (Exhibit AS 1-10).

Water Main Rehabilitation Projected Plan

(Exhibit AS 1-10)

