



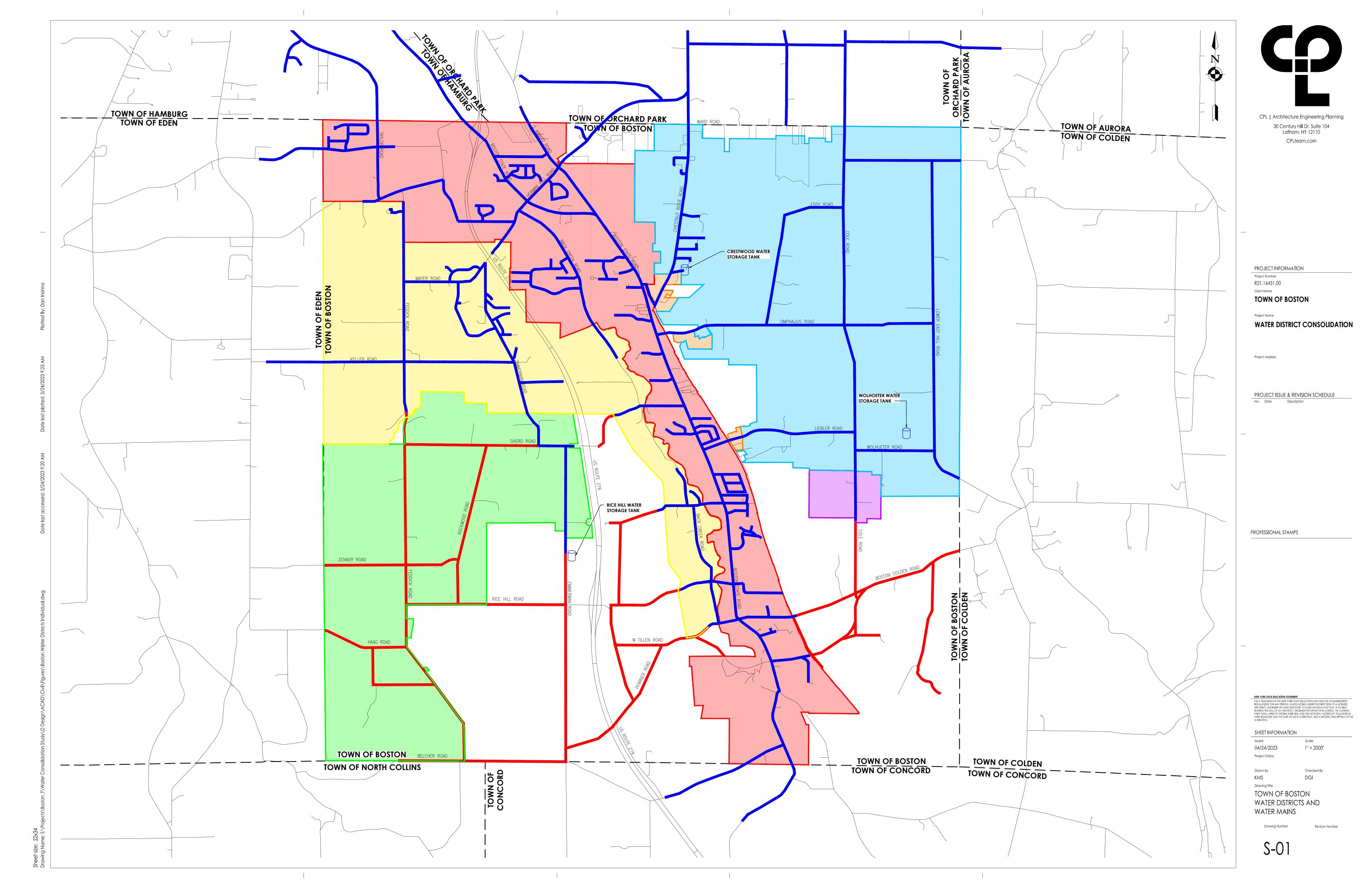
Town of Boston Water District Consolidation May 30, 2023

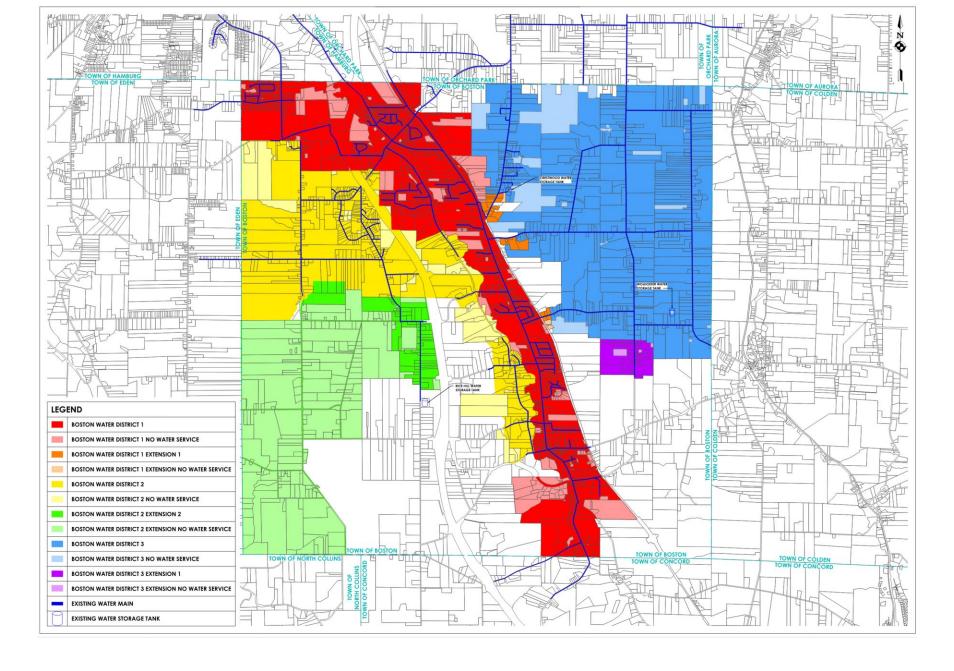


Agenda

- Status of Existing Water Districts
- Current and Anticipated Water Debt
- Potential Future Projects
- 4. Consolidation Options
- 5. Q&A









Town Water Users

2,815

Existing Water Users

471

Parcels in Districts w/o Water Services

3,739

Parcels in the Town

Current Billing – (a) Unit Based (b) Ad Valorem



Existing and Anticipated Debt

Remaining Town Debt

Water District #3
Tank Improvements

\$3,641,150.00 \$1,013,790.00 \$4,654,940.00

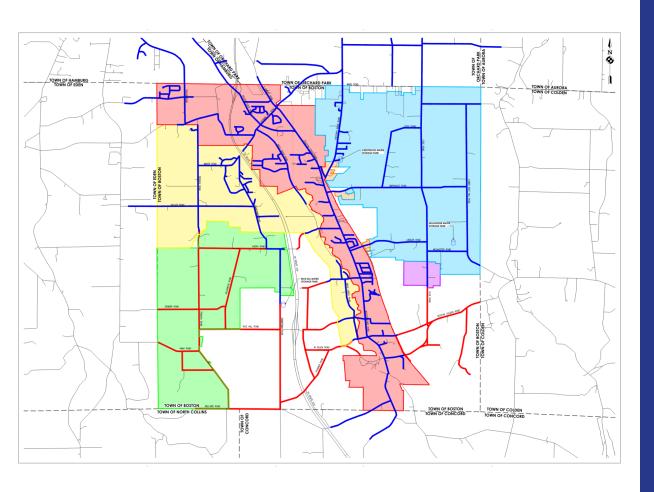
Anticipated Town Debt

Water District #1 (Phase 1)
Water District #1 (Phase 2&3)

\$5,188,005.00 \$10,465,460.50 \$15,653,465.50

Total Debt= \$20,308,405.50





Potential Future Projects

- Water District 2 Extension 1
 - Approximately 130 New Water Users
 - \$11,310,000
- South Central Water
 - Approximately 145 New Water Users
 - \$12,560,000
- Southeast Water
 - Approximately 77 New Water Users
 - \$6,600,000

Full Townwide Water Project = \$30,470,000



Consolidation Considerations



Rate Definition
Unit Based vs Ad Valorem

2

Consolidation Area
Existing Districts vs. Entire Town

3

Proposed Debt
Existing Debt vs. Potential Projects

- Grant Funding Available for each Scenario (60% Grant via WIIA, maximum \$5,000,000 annually)
- Unit Assumptions for Parcels within District without Water Services



Unit Based Options

For discussion on May 30, 2023 - Subject to Change

	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5
	Consolidate Existing Districts Existing & Anticipated Debt	Consolidate Entire Town Existing & Anticipated Debt	Consolidate Entire Town Existing & Anticipated Debt 60% WIIA Grant	Consolidate Entire Town Full Build Out Town Water	Consolidate Entire Town Full Build Out Town Water 60% WIIA Grant
Existing Debt	\$ 4,654,940.00	\$ 4,654,940.00	\$ 4,654,940.00	\$ 4,654,940.00	\$ 4,654,940.00
Anticipated Debt	\$ 15,653,465.50	\$ 15,653,465.50	\$ 15,653,465.50	\$ 15,653,465.50	\$ 15,653,465.50
Future Debt	\$ -	\$ -	\$ -	\$ 30,470,000.00	\$ 30,470,000.00
Future Grants (WIIA 60%)	\$ -	\$ -	\$ 5,000,000.00	\$ -	\$ 15,000,000.00
Total Debt	\$ 20,308,405.50	\$ 20,308,405.50	\$ 15,308,405.50	\$ 50,778,405.50	\$ 35,778,405.50
Approx. Annual Debt	\$ 1,098,781.43	\$ 1,098,781.43	\$ 843,685.13	\$ 2,653,338.26	\$ 1,888,049.37
No. of Parcels w/ Water Service No. of Parcels w/o Water	2815	2815	2815	3167	3167
Service Service	471	924	924	572	572
Annual Cost for Parcel w/ Water Service	\$ 383.91	\$ 377.93	\$ 290.19	\$ 822.94	\$ 585.59
Annual Cost for Parcel w/o Water Service	\$ 38.39		\$ 29.02		



TOWN OF BOSTON WATER DISTRICT CONSOLIDATION UNIT BASED ESTIMATE

For discussion on May 30, 2023 - Subject to Change

	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5		
	Consolidate Existing Districts Existing & Anticipated Debt	Consolidate Entire Town Existing & Anticipated Debt	Consolidate Entire Town Existing & Anticipated Debt 60% WIIA Grant	Consolidate Entire Town Full Build Out Town Water	Consolidate Entire Town Full Build Out Town Water 60% WIIA Grant		
Existing Debt	\$ 4,654,940.00	\$ 4,654,940.00	\$ 4,654,940.00	\$ 4,654,940.00	\$ 4,654,940.00		
Anticipated Debt	\$ 15,653,465.50	\$ 15,653,465.50	\$ 15,653,465.50	\$ 15,653,465.50	\$ 15,653,465.50		
Future Debt	\$ -	\$ -	\$ -	\$ 30,470,000.00	\$ 30,470,000.00		
Future Grants (WIIA 60%)	\$ -	\$ -	\$ 5,000,000.00	\$ -	\$ 15,000,000.00		
Total Debt	\$ 20,308,405.50	\$ 20,308,405.50	\$ 15,308,405.50	\$ 50,778,405.50	\$ 35,778,405.50		
Approx. Annual Debt	\$ 1,098,781.43	\$ 1,098,781.43	\$ 843,685.13	\$ 2,653,338.26	\$ 1,888,049.37		
No. of Parcels w/ Water Service No. of Parcels w/o Water	2815						
Service	471	924	924	572	572		
Annual Cost for Parcel w/							
Water Service	\$ 383.91	\$ 377.93	\$ 290.19	\$ 822.94	\$ 585.59		
Annual Cost for Parcel							
w/o Water Service	\$ 38.39	\$ 37.79	\$ 29.02	\$ 82.29	\$ 58.56		

Notes

^{*}Existing Debt includes WD 3 and Tank projects

^{*}Anticipated Debt includes WD 1 replacement project

^{*}Future Debt includes Full Build out of Water system

^{*}WIIA Grant = 60% of Total Costs for Phase 2&3 in WD1, and Full Build out Water Project, with an annual max of \$5,000,000

^{*}Parcels without Service are calculated as 0.1 unit

^{*}Loan interest rate estimated at 3%, 30 years

Ad Valorem Options

For discussion on May 30, 2023 - Subject to Change

	_	Scenario 1		Scenario 2	Scenario 3		Scenario 4			Scenario 5			
	 	Scellatio 1		Scendilo 2		Consolidate Entire Town	\vdash	Scenario 4		Consolidate Entire Town			
	(Consolidate Existing Districts		Consolidate Entire Town				Consolidate Entire Town					
		Existing & Anticipated Debt	E:	xisting & Anticipated Debt		Existing & Anticipated Debt		Full Build Out Town Water		Full Build Out Town Water			
					_	60% WIIA Grant	<u> </u>	Ć 4.654.040.00		60% WIIA Grant			
Existing Debt	\$	4,654,940.00	\$	4,654,940.00			-			4,654,940.00			
Anticipated Debt	\$	15,653,465.50		15,653,465.50	\$		_		\$	15,653,465.50			
Future Debt	\$	-	\$	-	\$	-	\$	30,470,000.00	\$	30,470,000.00			
Future Grants (WIIA 60%)	\$	-	\$	-	\$	5,000,000.00	\$	-	\$	15,000,000.00			
Total Debt	\$	20,308,405.50	\$	20,308,405.50	\$	15,308,405.50	\$	50,778,405.50	\$	35,778,405.50			
Approx. Annual Debt	\$	1,098,781.43	\$	1,098,781.43	\$	843,685.13	\$			1,888,049.37			
Total District Assessed Value	\$	445,875,123.00	\$	596,550,661.00	\$	596,550,661.00	\$	596,550,661.00	\$	596,550,661.00			
No. of Dancelous / Mater													
No. of Parcels w/ Water Service		2815		2815		2815		3167		3167			
No. of Parcels w/o Water													
Service		471		924		924		572		572			
Annual Cost for Parcel w/													
Water Service per \$100,000	\$	224.03	\$	167.44	\$	128.57	\$	404.35	\$	287.72			
Annual Cost for Parcel w/o													
Water Service per \$100,000	\$	22.40	\$	16.74	\$	12.86	\$	40.43	\$	28.77			
Annual Cost for Parcel w/													
Water Service per \$200,000	\$	448.06	\$	334.89	\$	257.14	\$	808.69	\$	575.44			
Annual Cost for Parcel w/o													
Water Service per \$200,000	\$	44.81	\$	33.49	\$	25.71	\$	80.87	\$	57.54			
Annual Cost for Parcel w/													
Water Service per \$300,000	\$	672.09	\$	502.33	\$	385.71	\$	1,213.04	\$	863.17			
Annual Cost for Parcel w/o													
Water Service per \$300,000	\$	67.21	\$	50.23	\$	38.57	\$	121.30	\$	86.32			



AD VALOREM ESTIMATE											
		Scenario 1		Scenario 2		Scenario 3		Scenario 4	Scenario 5		
		Consolidate Existing Districts Existing & Anticipated Debt		Consolidate Entire Town Existing & Anticipated Debt		Consolidate Entire Town Existing & Anticipated Debt 60% WIIA Grant	Consolidate Entire Town Full Build Out Town Water			Consolidate Entire Town Full Build Out Town Water 60% WIIA Grant	
Existing Debt	\$	4,654,940.00	\$	4,654,940.00	\$	4,654,940.00	\$	4,654,940.00	\$	4,654,940.00	
Anticipated Debt	\$	15,653,465.50	\$	15,653,465.50	\$	15,653,465.50	\$	15,653,465.50	\$	15,653,465.50	
Future Debt	\$	-	\$		\$	-	\$	30,470,000.00	\$	30,470,000.00	
Future Grants (WIIA 60%)	\$	-	\$	-	\$	5,000,000.00	\$	-	\$	15,000,000.00	
Total Debt	\$	20,308,405.50	\$	20,308,405.50	\$	15,308,405.50	\$	50,778,405.50	\$	35,778,405.50	
Approx. Annual Debt	\$	1,098,781.43		1,098,781.43	\$	843,685.13	\$	2,653,338.26	\$	1,888,049.37	
Total District Assessed Value	\$	445,875,123.00	\$	596,550,661.00	\$	596,550,661.00	\$	596,550,661.00	\$	596,550,661.00	
No. of Parcels w/ Water							H				
Service		2815		2815		2815		3167		3167	
No. of Parcels w/o Water											
Service		471		924		924	L	572		572	
Annual Cost for Parcel w/											
Water Service per \$100,000	\$	224.03	\$	167.44	\$	128.57	\$	404.35	\$	287.72	
Annual Cost for Parcel w/o											
Water Service per \$100,000	\$	22.40	\$	16.74	\$	12.86	\$	40.43	\$	28.77	
Annual Cost for Parcel w/							Н				
Water Service per \$200,000	\$	448.06	\$	334.89	\$	257.14	\$	808.69	\$	575.44	
Annual Cost for Parcel w/o											
Water Service per \$200,000	\$	44.81	\$	33.49	\$	25.71	\$	80.87	\$	57.54	
Annual Cost for Parcel w/											
Water Service per \$300,000	\$	672.09	\$	502.33	\$	385.71	\$	1,213.04	\$	863.17	
Annual Cost for Parcel w/o Water Service per \$300,000	\$	67.21	\$	50.23	\$	38.57	\$	121.30	\$	86.32	

<u>Notes</u>

^{*}Existing Debt includes WD 3 and Tank projects

^{*}Anticipated Debt includes WD 1 replacement project

^{*}Future Debt includes Full Build out of Water system

^{*}WIIA Grant = 60% of Total Costs for Phase 2&3 in WD1, and Full Build out Water Project, with an annual max of \$5,000,000

^{*}Parcels without Service are calculated as using 10% of taxable assessed value

^{*}Loan interest rate estimated at 3%, 30 years

^{*}Median Parcel Value of Town is \$155,300, Average Parcel Value of Town is \$249,338

For discussion on May 30, 2023 - Subject to Change

TOWN OF BOSTON OPINION OF PROBABLE COST - TOWN OF BOSTON

NO 2 EXT 1 WATER - 130 USERS

ITEM	DESCRIPTION	UNIT	ESTIMATED	E	ESTIMATED		ESTIMATED
			QUANTITY	Ų	JNIT PRICE		TOTAL
1	Furnish and Install 8" Diameter PVC Water Main	LF	56,500	\$	100.00	\$	5,650,000.00
2	Furnish and Install 8" In-Line Gate Valves Complete	EA	60	\$	3,500.00	\$	210,000.00
3	Furnish and Install Water Service	EA	130	\$	2,225.00	\$	289,250.00
4	Furnish and Install Hydrant Assemblies	EA	120	\$	10,000.00	\$	1,200,000.00
5	Rock Excavation	CY	1,000	\$	75.00	\$	75,000.00
6	Maintenance & Protection of Traffic Including Signs	LS	1	\$	148,500.00	\$	148,500.00
7	Mobilization	LS	1	\$	222,800.00	\$	222,800.00

SUBTOTAL = \$ 7,795,550.00

CONTINGENCY (20%) = \$ 1,559,110.00

LEGAL, ENGINEERING, & ADMINISTRATION (25%) = \$ 1,948,887.50

TOTAL (ROUNDED) = \$ 11,310,000.00

SOUTH CENTRAL WATER - 145 NEW USERS

ITEM	DESCRIPTION		ESTIMATED	ESTIMATED		ESTIMATED
			QUANTITY	UNIT PRICE		TOTAL
1	Furnish and Install 8" Diameter PVC Water Main	LF	50,500	\$ 100.00) \$	5,050,000.00
2	Furnish and Install 8" In-Line Gate Valves Complete	EA	55	\$ 3,500.00) \$	192,500.00
3	Furnish and Install Water Service	EA	145	\$ 3,000.00) \$	435,000.00
4	Furnish and Install Hydrant Assemblies	EA	110	\$ 10,000.00) \$	1,100,000.00
5	New 150,000 gal Water Storage Tank	LS	1	\$ 300,000.00) \$	300,000.00
6	New Pump Station	LS	1	\$ 300,000.00) \$	300,000.00
7	Route 219 Crossing	LF	700	\$ 1,200.00) \$	840,000.00
8	Rock Excavation	CY	1,000	\$ 75.00) \$	75,000.00
9	Maintenance & Protection of Traffic Including Signs	LS	1	\$ 147,000.00) \$	147,000.00
10	Mobilization	LS	1	\$ 220,500.00) \$	220,500.00

SUBTOTAL = \$ 8,660,000.00

CONTINGENCY (20%) = \$ 1,732,000.00

LEGAL, ENGINEERING, & ADMINISTRATION (25%) = \$ 2,165,000.00

TOTAL (ROUNDED) = \$12,560,000.00

SOUTHEAST WATER - 77 NEW USERS

ITEM	DESCRIPTION	UNIT	ESTIMATED	Е	ESTIMATED		ESTIMATED
			QUANTITY	UNIT PRICE			TOTAL
1	Furnish and Install 8" Diameter PVC Water Main	LF	30,500	\$	100.00	\$	3,050,000.00
2	Furnish and Install 8" In-Line Gate Valves Complete	EA	35	\$	3,500.00	\$	122,500.00
3	Furnish and Install Water Service	EA	77	\$	3,000.00	\$	231,000.00
4	Furnish and Install Hydrant Assemblies	EA	70	\$	10,000.00	\$	700,000.00
5	Rock Excavation	CY	1,000	\$	75.00	\$	75,000.00
6	Maintenance & Protection of Traffic Including Signs	LS	1	\$	147,000.00	\$	147,000.00
7	Mobilization	LS	1	\$	220,500.00	\$	220,500.00

SUBTOTAL = \$ 4,546,000.00

CONTINGENCY (20%) = \$ 909,200.00

LEGAL, ENGINEERING, & ADMINISTRATION (25%) = \$ 1,136,500.00

TOTAL (ROUNDED) = \$ 6,600,000.00

TOTAL TOWN BUILD OUT = \$ 30,470,000.00

Next Steps

Town Board Decision



Consolidation Methodology Selection



Finalize Map Plan & Report



→ SEQR



Public Hearing



Town Board Action (Permissive Referendum)



Update Town Tax Roll



Questions and Comments Welcome!

