# Capital Investment Plan FY2023

City Council Item ID# 23-0271

Katjana Ballantyne, Mayor Richard E. Raiche, Director of Infrastructure & Asset Management Edward Bean, Director of Finance Michael Mastrobuoni, Budget Director

9 March 2023



### **Table of Contents**

- Chapter One Orientation
- Chapter Two Evolution
- Chapter Three Considerations
- Chapter Four FY2023 Capital Investment Plan
- Chapter Five The Plan & Implementation

Chapter One

## Orientation

Background and table setting for Item ID# 23-0271

### Capital investments – the companion to the operating budget, equally vital to the delivery of city services



#### City Council authorizes borrowing and accepts grants/loans for each capital investment



### Capital Investment Plan (CIP) – Regularly updated statement of intent for major, non-recurring expenditures



# Former CIP spreadsheets – outdated in both form and content

				F	Y20-FY29 Capital In	vestment Plan (CIP) Pro	oject List - General	Fund & Other So	urces								
						June 2	2019										
		DIF	Planning	Year Added	Approved by	Date Authorized	Total	FY20	FY21	FY22	FY25	FY24	FY25	FY26	FY27	FY28	FY29
	Funding Source*	Financing	Estimate Only	to the CIP	Oty Council	by City Council	(FY20-FY29)										
USQ DIF Projects				0010		100000				4	4	4	4		4	4	
Somerville Ave. Utility & Streetscape Improvements - Streetscape	GF GOB			2016	*	12/20/17	\$ 9,220,000	\$ 4,330,000	\$ 4,890,000	ş -	ş -	ş -	\$ .	ş -	5 -	5 -	ş -
USQ Streetscape & Plaza Improvements	GF GOB	1		2016	Design requested		\$ 31,900,000	\$ 1,000,000	\$ 800,000	\$ 17,000,000	\$ 1,000,000	\$ 900,000	\$ 600,000	\$ 2,300,000	\$ 1,100,000	\$ 7,200,000	ş -
Spring Hill Sewer Separation - Complete Streets Design	Unused Bond Proceeds			2019	n/a	n/s	\$ 530,000	\$ 530,000									-
Public Safety Building - Police HQ & E3	GF GOB		×	2016	OPM only	2/28/19	\$ 51,250,000	\$ 6,150,000	\$ 22,550,000	\$ 22,550,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	ş -
Recurring Projects																	
Building Accessibility Improvements	GF GOB		n/a	2016			\$ 7,260,000	\$ -	\$ 630,000	\$ 670,000		\$ 750,000					
Building Improvements	GF GO8; MS8A		n/s	2016			\$ 29,020,000	\$-	\$ 2,520,000	\$ 2,680,000	\$ 2,840,000	\$ 3,010,000		a secondaria			\$ 4,020,000
Street & Sidewalk Repairs & ADA Improvements	GF GOB; Ch. 90; Operating Budget		n/a	2016			\$ 61,170,000	\$ 6,880,000	\$ 5,130,000	\$ 5,340,000	\$ 5,550,000	\$ 5,770,000	\$ 6,000,000	\$ 6,240,000	\$ 6,490,000	\$ 6,750,000	\$ 7,020,000
Fire Apparatus	GF GOB		n/s	2016			\$ 2,750,000	\$ 550,000	\$ -	\$ 550,000	ş -	\$ 550,000	\$ -	\$ 550,000	\$ -	\$ 550,000	\$ -
DPW Vehicles	GF GOB; Unused Bond Proceeds		n/a	2016			\$ 12,398,885	\$ 1,148,885	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000		\$ 1,250,000	\$ 1,250,000	\$ 1,250,000
Police Vehicles	Pay-go; Operating budget		n/s	2016			\$ 4,000,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000		\$ 400,000	\$ 400,000	\$ 400,000
Departmental Vehicles	Pay-go; Operating budget		n/s	2016			\$ 1,988,000	\$ 773,000	\$ 135,000	\$ 135,000	\$ 135,000	\$ 135,000	\$ 135,000	\$ 135,000	\$ 135,000	\$ 135,000	\$ 135,000
Street Tree Planting	Pay-go; Operating budget		n/s	2016			\$ 2,500,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
Decorative Barrels & Benches	Pay-go; Operating budget		n/a	2016			\$ 1,000,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
Underway Projects	•			•													
GLX	GF GOB			2016		12/12/16	\$ 40,000,000	\$ 10,000,000	\$ 10,000,000	\$ 10,000,000	\$ 10,000,000	•	\$ -	\$ -	\$ -	\$ -	\$ -
West Branch Library	GF GOB; Library State Aid			2016	1	10/11/18 & 1/24/19	\$ 5,966,667	\$ 5,966,667	\$ .	\$ -	\$ -	\$ -	\$ .	\$ .	\$ -	\$.	\$ -
West Branch Library (CPA)	CPA GOB			2016		4/28/16	\$ 1,666,667	\$ 1,666,667	\$ -	\$ -	\$ -	\$ .	\$ -	\$ -	\$ -	\$ -	\$ -
Somerville High School <sup>2</sup>	Debt exclusion			2016	-	7/14/16	\$ 108,108,569	\$ 78,982,327	\$ 24,126,242	\$ -	\$ -	••	\$ -	•	\$ -	\$ -	\$ -
Secremento Street Underpasa	GF GOB			2019		3/28/19	\$ 364,500	\$ 364,500	\$ .	\$ .	\$ -	\$ -	\$ .	\$.	\$ -	\$.	\$ -
Prospect Hill Park	Pay-go (multiple)			2016*		9/17/18	\$ 2,092,100	\$ 2,092,100	s -	\$ -	\$ -	•	\$ -	\$.	s -	\$ -	s -
Conway Field & Retaining Wall	GF GOB		-	2016*			\$ 2,750,000	\$ 2,750,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Nunziato Field	GF GOB			2016	Design only	5/26/16	\$ 1,890,000	\$ -	\$ -	\$ -	\$ -	\$ .	\$ 1,700,000	\$ 190,000	\$ -	\$ -	\$ -
Schoolyard Field Improvements	GF GOB; Parks Stab			2019		3/14/19	\$ 752,000	\$ 734,000	\$ 18,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	s -
Healey Schoolyard Design (CPA)	CPA			2016*		6/8/17	\$ 80,000	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Recommended Projects																	
Healey Schoolyard & Field Construction	GF GOB		1	2016*			\$ 3,500,000	\$ -	\$ 2,000,000	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ .	ş -
Dilboy Complex Field Improvements	GF GOB		1	2016*			\$ 2,500,000	\$ 2,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Central Hill Campus Plan Phase 1	GF GOB; CPA; PARC		1	2016*	Design only	1/10/08	\$ 4,732,870	\$ 1,213,384	\$ 3,519,487	\$ .	\$ -	ş -	\$ .	\$ .	\$ -	\$.	\$ -
Artfarm (CPA bond)	CPA GOB			2016*	Requested		\$ 457,325	\$ .	\$ 457,325	\$ -	\$ -	\$ -	\$ -	\$ .	\$ -	\$ .	\$ -
Artfarm (Pay-go)	Pay-go (multiple)			2016*	<b>CPA</b> requested		\$ 1,208,675	\$ 833,000	\$ 375,675	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ArtBam	GF GOB		1	2019			\$ 1,600,000	\$ 800,000	\$ 800,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	ŝ -
Building Master Plan OPM	GF GOB		1	2019	OPM requested		\$ 2,000,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -
Devis Square Interim Streetscape Improvements	GF GOB		1	2019			\$ 1,000,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ .	\$ -
Total							\$ 390,656,258	\$ 131,494,529	\$ 80,351,729	\$ 62,825,000	\$ 22,635,000	\$ 13,515,000	\$ 14,425,000	\$ 15,635,000	\$ 14,205,000	\$ 21,385,000	\$ 14,185,000
Materia Elevel and is the same in solid, and estimate the data to be encoded																	

Notes: Fiscal year is the year is which we anticipate funding to be expended; authorization can occur in a previous fiscal year. The CIP Project List is a planning document that reflects a point in time; this spending schedule is consistent with the debt service estimates received from First Southwest in the spring of 2019

<sup>1</sup>GF = General Fund. GOB = General Obligation Bond. Pay-go Includes Capital Stabilization Fund, Law Enforcement Trust Fund, other stabilization funds, and free cash. Other includes but is not limited to PARC greats and COBG.

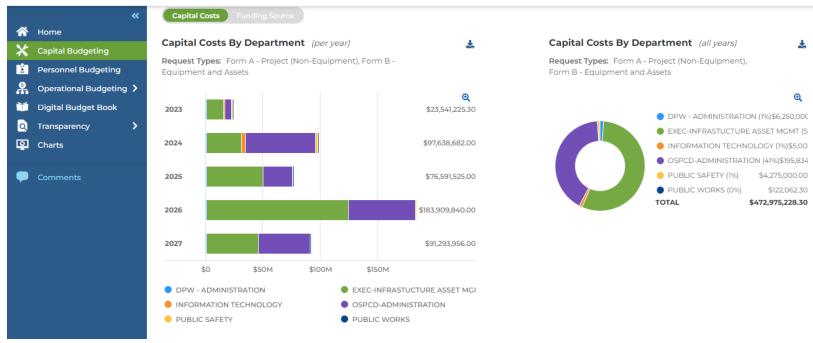
<sup>2</sup>Net of MS8A reimbursement

Includes new synthetic turf and light installation at East Somerville Community School, new synthetic turf at Capuano, and synthetic turf design at the Healey School, West Somerville Neighborhood School, Brown School, and Kennedy School

Project was originally added in the Unscheduled category but is now in a scheduled category (USQ DIF, Underway, Recurring, or Recommended).

# Current FY-2023 CIP – Updated investments & new ClearGov portal

#### 



Rich 🖌

# Opportunity for involvement in the continued evolution of Somerville's Capital Investment Plan



#### **Topics**

Financial capacity Suite of municipal services Equity Climate change & sustainability Mobility & streetscape Data transparency

Chapter Two

## Evolution

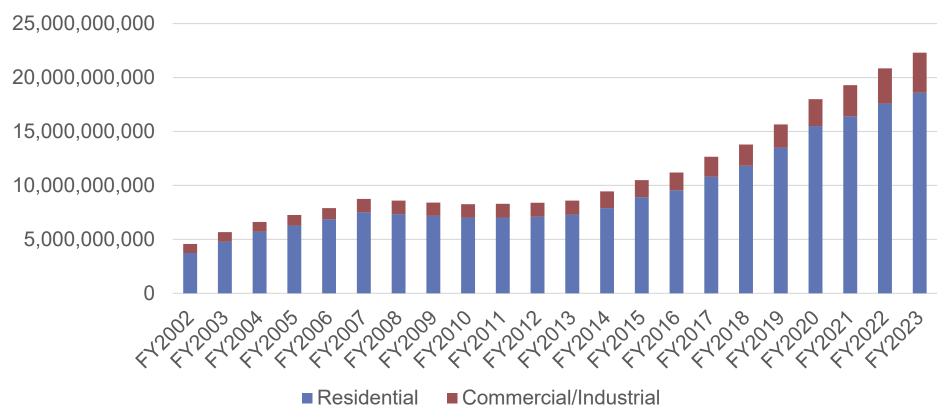
Ecosystem changes that influence Capital Investments



## Financial capacity

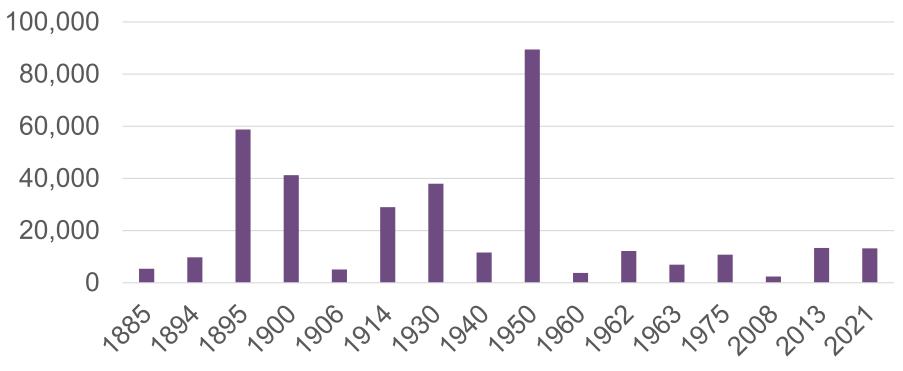
### Tax base expansion

Assessed Value



#### Infrastructure backlog

Municipal Building Square Footage by Year Built / Renovated - (351,000 s.f. total)

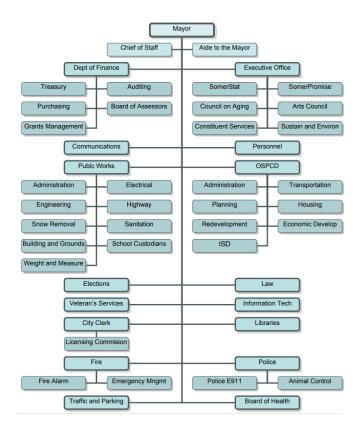




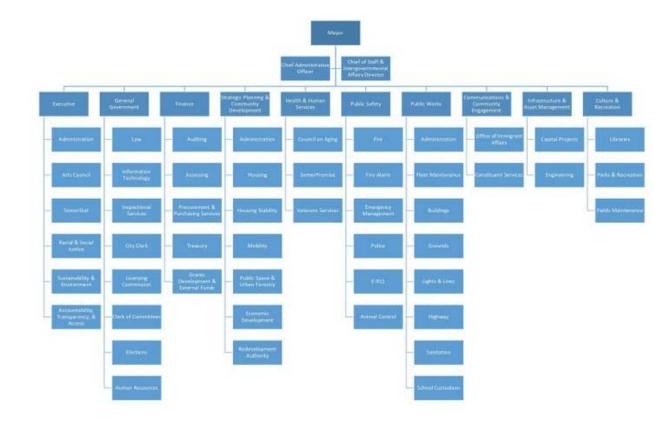
## Suite of municipal services

#### Services expansion

#### FY2013 - \$184.9M



#### FY2023 - \$307.6M







# Changing the built environment & technology to promote equity for all











# Climate change & sustainability

# Changing the built environment to reduce carbon emissions & provide resiliency





## Mobility & streetscape

### Reprioritization of right-of-way space





### Data transparency

### Increased engagement

#### **SomerVoice**

**Connect With Us** 



© 2014 - 2023 City of Somerville

#### **Topics**

Definition of solutions Cost forecasts Prioritization Financial analysis Adaptability Planning horizon

Chapter Three

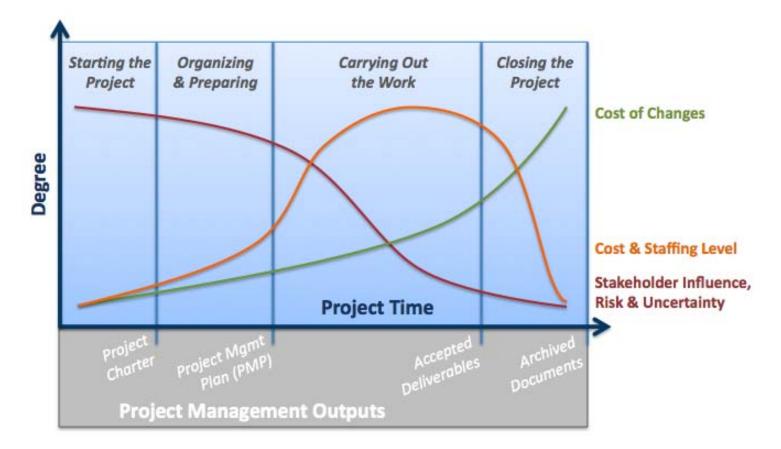
## Considerations

Practical limitations that morph an infinite wish list into a finite CIP

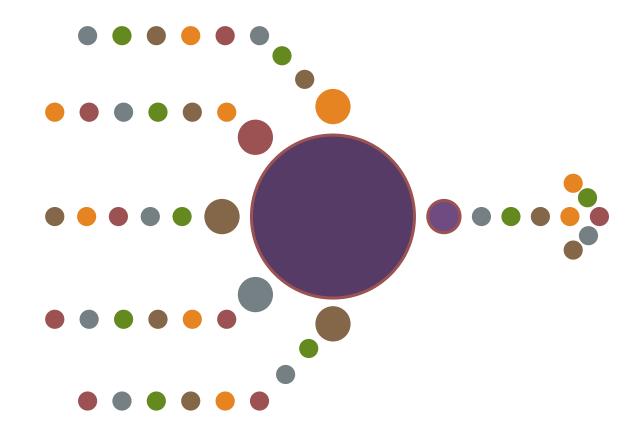
# Chapter Three **Considerations**

### **Definition of solutions**

#### **Project lifecycle**



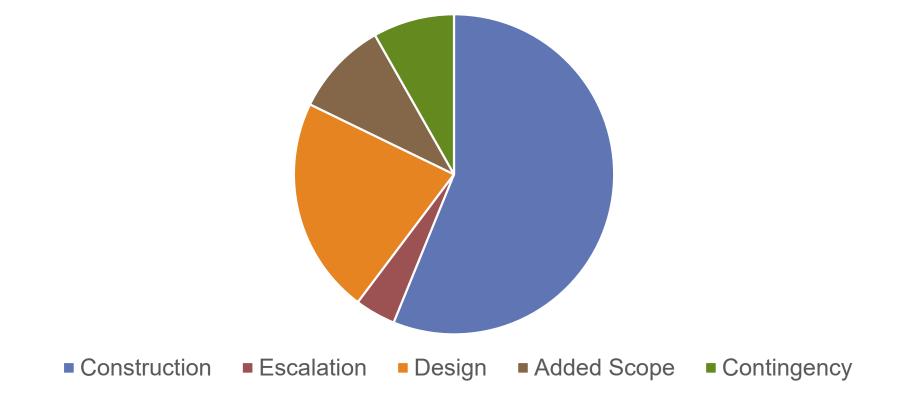
### Aggregation of investments



# Chapter Three **Considerations**

### Cost forecasts

# Adjusting for escalation & standardizing soft costs



# Chapter Three **Considerations**

### Prioritization

#### Public Health & Safety:

#### Is the project necessary to protect public health and safety?



#### **External Obligations:**

# Is the project required to comply with external statutory requirements?



#### **Fiscal Prudence:**

Does the project leverage outside dollars, activate development, or reduce City operating costs?



#### **City Services:**

Does the project enable or enhance the City's ability to deliver municipal services?

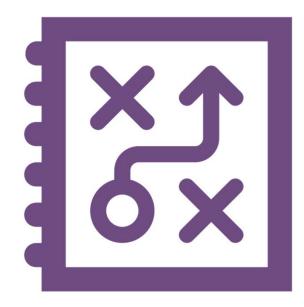


#### Equity: Does the project promote equity for historically underserved residents?



#### Strategic Planning:

Does the project advance the goals of accepted strategic plans including SomerVision, Climate Forward, and Vision Zero?



### **Evaluation criteria & application**



# Chapter Three **Considerations**

## Financial analysis

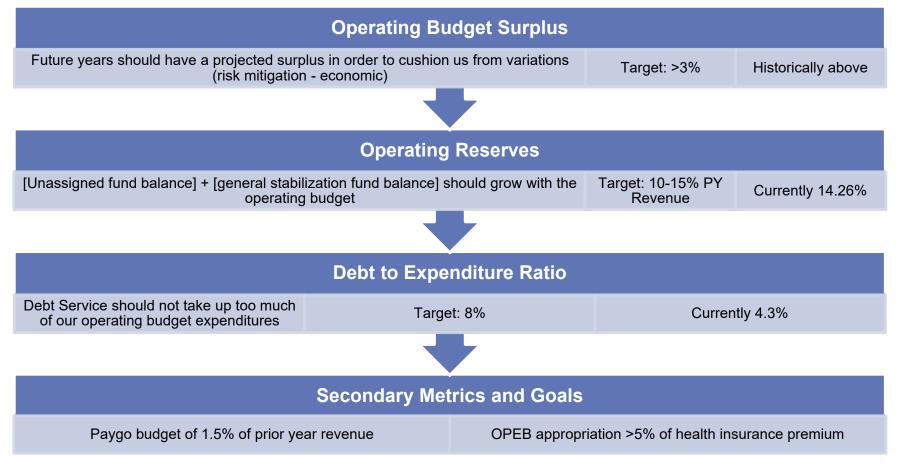
### Funding sources & eligibility



### Financial Model: Basics & Assumptions



### Financial Model: Measures of Fiscal Health



# Chapter Three **Considerations**

### Adaptability

### Continual evolution and adaptation



# Chapter Three **Considerations**

# Planning horizon

### 5-year plan



#### **Topics**

Buildings Parks & Open Space Streetscapes Vehicles, Equipment & Real Estate

#### Chapter Four

# The FY2023 Capital Investment Plan

Enough with the generalizations... what's actually in the plan?!?!



## Buildings

### **Recurring Annual Building Improvements**





### Assembly Square Fire Station Fit Out



### **Fire Station Rehabilitation Program**









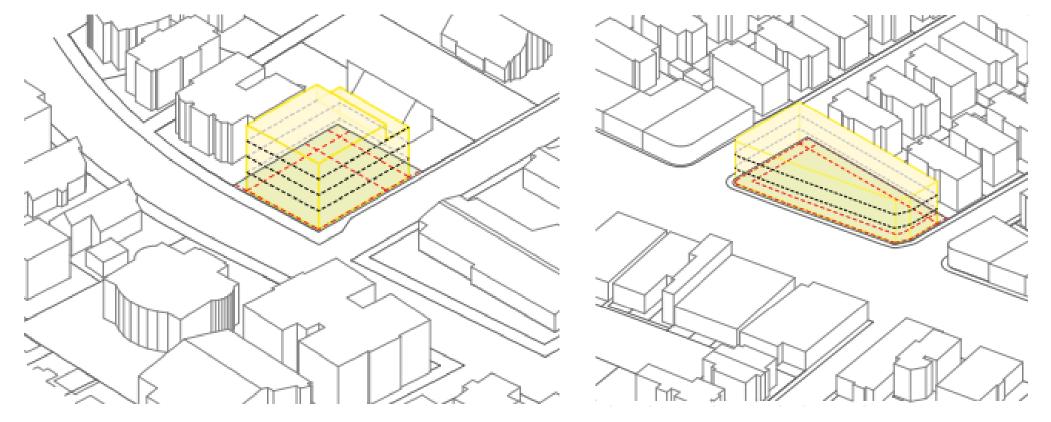
50

### Building Master Plan - 1895 Building



<u>https://www.somervillema.gov/buildingmasterplan</u>

### Community Center including teen space



### Pre-K thru 8 School Buildings





- Enrollment Study
  - 2022 –2023
- Gap Analysis & Cost Estimates
  - 2023
- Feasibility Study & Community Process
  - 2023 2025
- Design & Construction
  - Starting Fall 2024

# Investments not in the FY23 CIP but in the queue for future CIP updates\*

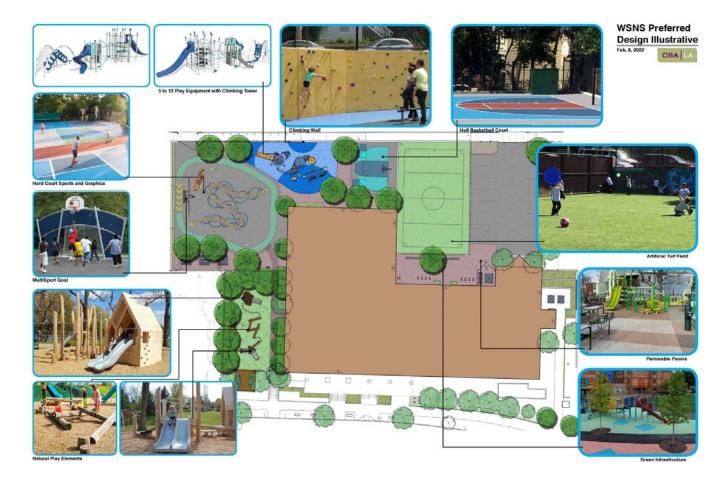
- Building Master Plan City Hall
- Building Master Plan Edgerly Building
- 1 Franey Road Building & ADA Improvements
- 90 Washington Street / Public Safety Building
- Armory Renovation & Rehabilitation

\* non-exhaustive listing



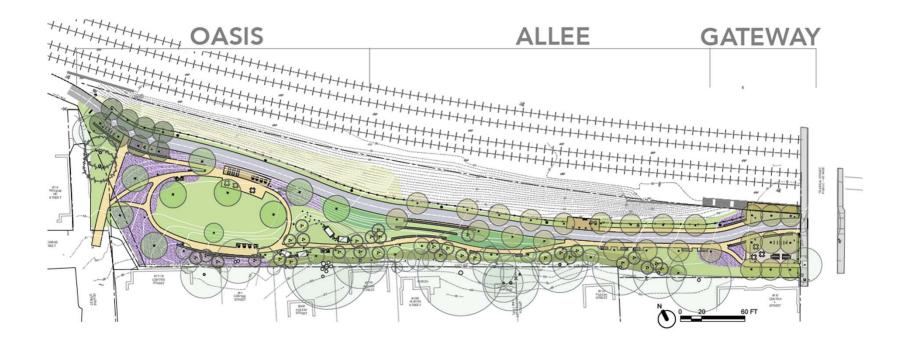
### Parks & Open Space

### WestSNS, Healey & Brown Schoolyards



### **Somerville Junction Park**

#### JUNCTION PARK | SITE PLAN

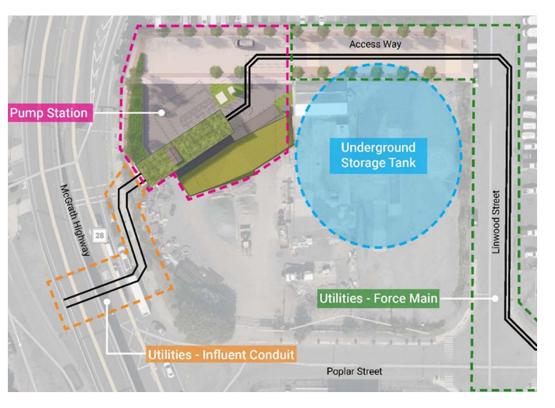


57

### **Dilboy Auxiliary Fields**



### ArtFarm





### Central Hill Phase 1B – Restoration of Veterans Monuments





### 217 Somerville Avenue Open Space



61

# Investments not in the FY23 CIP but in the queue for future CIP updates\*

- Blessing of the Bay
- Kennedy School Front Schoolyard
- Osgood Park
- Central Hill Campus Phase 2, 3 & 4

\* non-exhaustive listing



### Streetscapes

### Annual Resurfacing, Sidewalks & ADA



### Clarendon Hill & PHAB

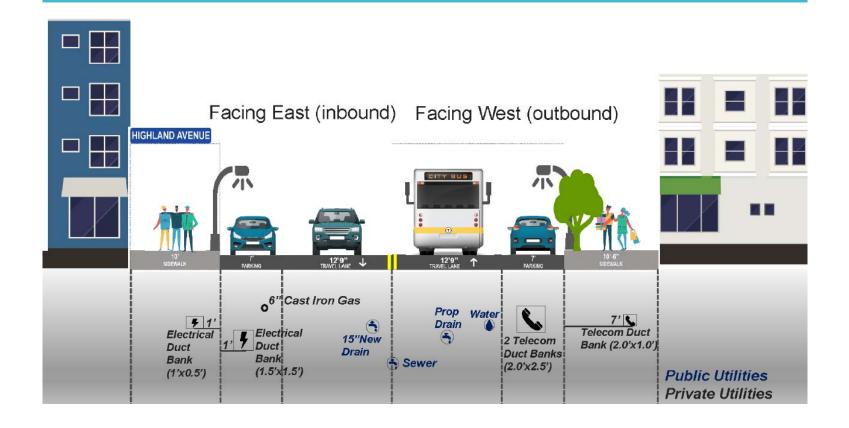


### SAUSI & Spring Hill Sewer Separation – General Fund Portion



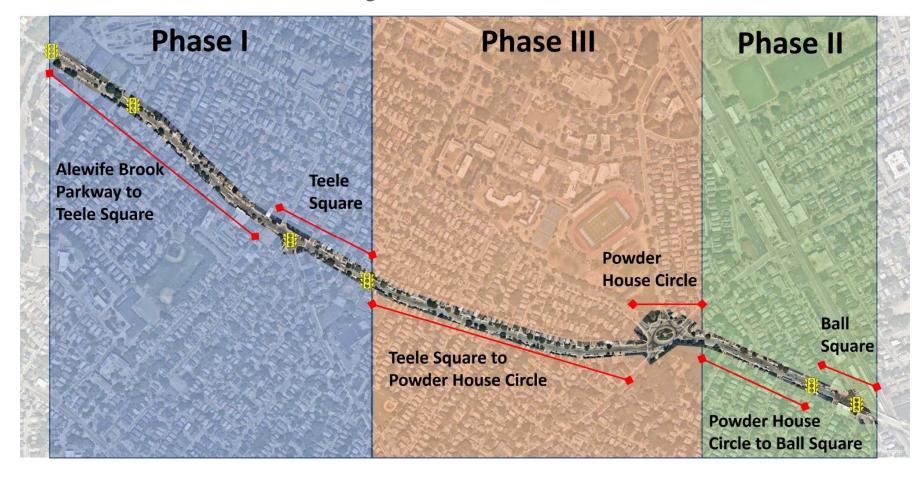
66

### Highland Avenue Streetscape Subsurface Utility Conflicts



67

### West Broadway Vision Zero





ARDS

# Investments not in the FY23 CIP but in the queue for future CIP updates\*

- Union Square Plaza & Streetscape
- Davis Square Streetscapes
- Gilman Square Streetscapes
- SHS Gilman Square Elevator

\* non-exhaustive listing



# Vehicles, Equipment & Real Estate

### Investments

- Recurring DPW Vehicles
- Recurring Fire Apparatus Replacement
- ERATE SPS Network Infrastructure Upgrade
- Public Safety Radio Infrastructure

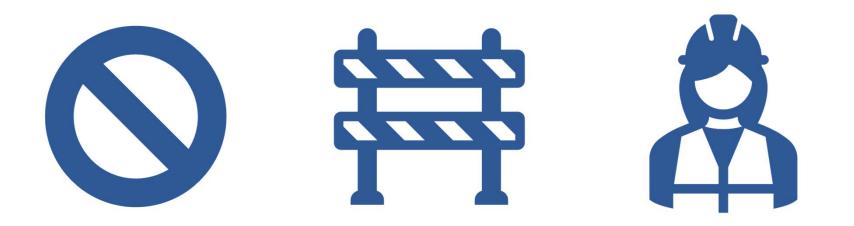
# Investments not in the FY23 CIP but in the queue for future CIP updates\*

- Snow melters or storage space
- DPW Yard 3
- School building WiFi, cell phone extenders

\* non-exhaustive listing

# Water & Sewer

### **Separate for Enterprise Funds**



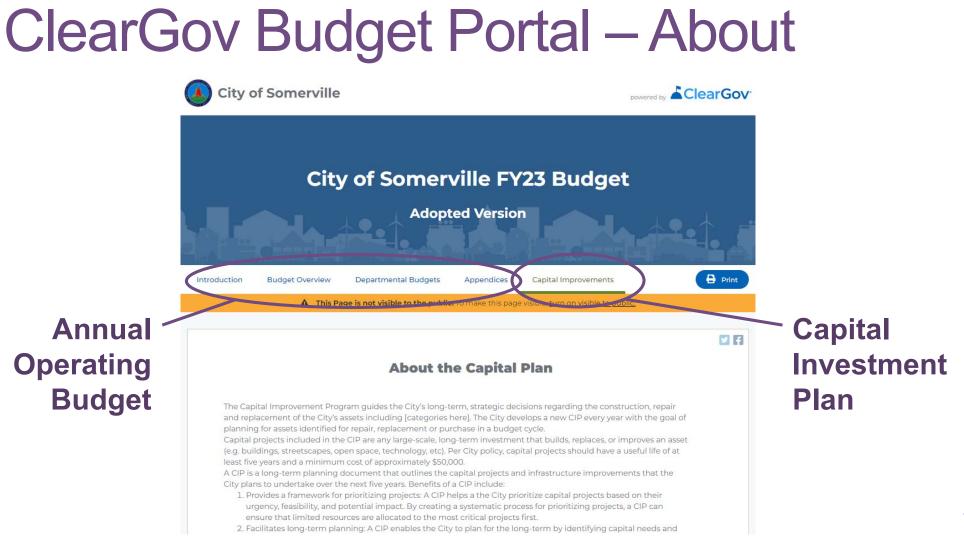


Chapter Five

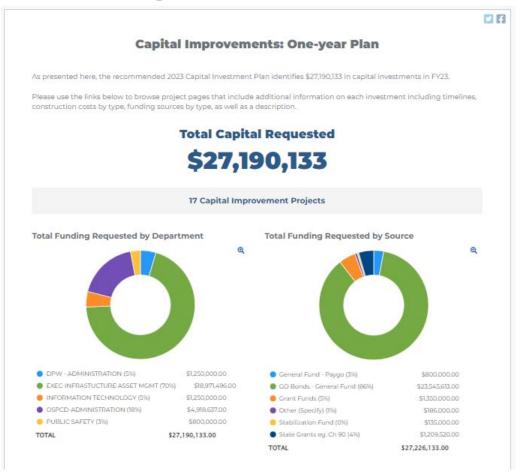
# The Plan & Execution

# Chapter Five The Plan & Execution

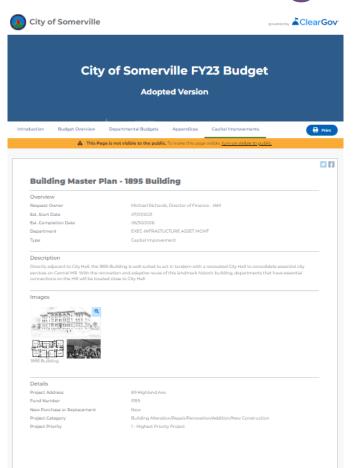


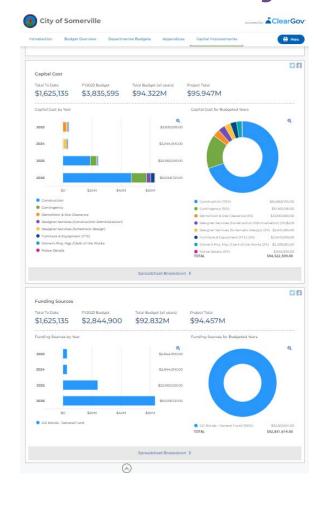


### ClearGov Budget Portal – Plans



### ClearGov Budget Portal – Projects





80



#### Somerville leads the way

#### 

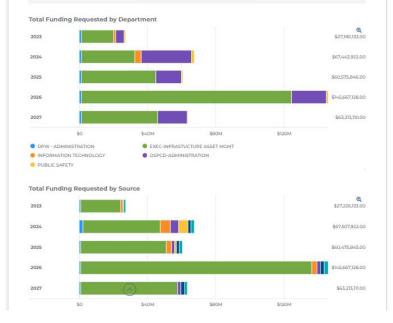
#### **Capital Investments: Five-year Plan**

As presented here, the recommended 2023 Capital Investment Plan identifies \$364,90,139 in capital investments during the FY23-FY27 timeframe.

Please use the links below to browse project pages that include additional information on each investment, including timelines, construction costs by type, funding sources by type, and a description.

Total Capital Requested \$364,090,139

24 Capital Improvement Projects



#### Long-Range Forecast

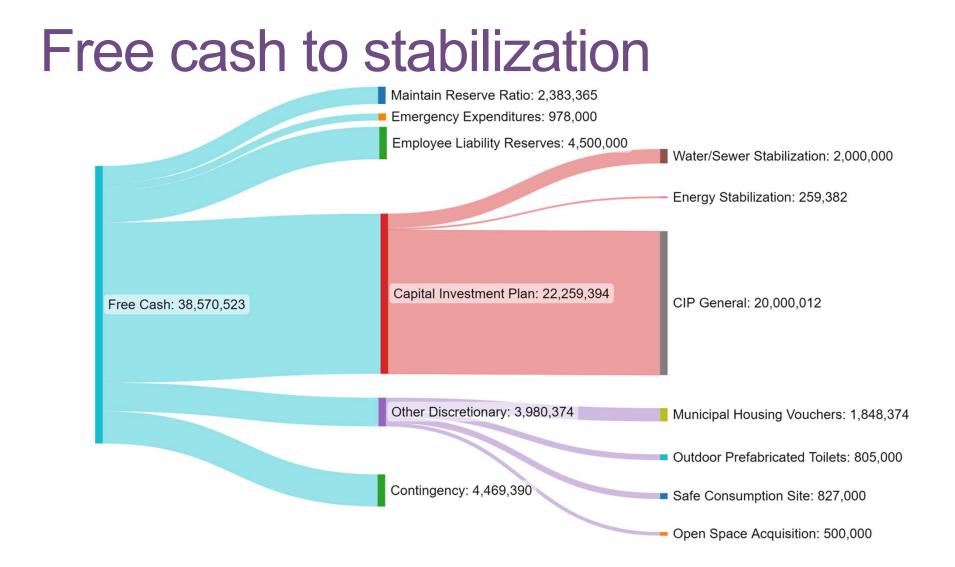
Below is the City's long-range forecast, inclusive of the five-year Capital Investment Plan. The top table shows projected expenditures over the ten-year period, using the best financial and economic data available to staff as of March 2023. Primary cost drivers in this model are debt service from the CIP, Health Insurance, and projected school budget growth. The lower table shows projected revenue sources over the ten-year period. Primary drivers include new growth in property tax, licenses and permits, and the use of other financing sources (stabilization funds) to fund capital investments.

The bottom two rows of the forecast shows the City's two most critical financial metrics:

- Operating surplus as a percentage of revenues: This metric is used to show long-term costs do not outpace revenue growth. The City's target for this metric is 3% or more.
- Debt service as a percentage of expenditures: This metric is used to ensure that the burden of debt service does not grow to an unsustainable amount of the budget. The City's current target for this metric is no more than 9%.

#### City of Somerville Long-Range Forecast - General Fund

				med 8.1.2021						
Expenditure Searce	rna i	BV26	1111	EV M	rmr .	in as	1111	1110	PTH	in the
General Government	43,452,578	43,775,373	41,948,954	45,701,555	44,995,999	46,331,875	47,106,390	49,128,743	50,584,454	31,089,800
Fublic Safety	50,400,864	52,982,840	\$3,614,953	\$7,299,799	\$9,028,542	60,832,989	62,684,899	64,596,506	66,568,581	68,684,35
Culture & Recreation	3,575,236	5,745,228	5.920.478	6.191.333	6,187,367	6,479,352	6.677,258	6.081.295	7,091,837	7,386.475
Pulsis Works	11,154,850	13,967,012	34,885,852	35,799,803	36,747,848	17,721,260	38,758,412	99,768,838	41,811,414	41,924,802
Debt Service	39,725,403	31,820,965	34,555,895	38,952,036	38,946,563	43,115,455	44,766.138	46,997,220	46.548.042	47,158,852
Fersion & Frings	47,390,738	\$1,442,871	\$3,423,524	55,330,005	\$7,341,548	59,435,773	61,559,508	63.181.106	65,462,132	\$7,785.570
Other	4.517.790	4,151,428	0.935,895	7.005.420	7,129,419	7,145,912	7,545,825	7,432,455	7,616,799	7,747.84
Scheol	\$2,688,702	\$7,128,883	382,194,806	187,394,542	\$12,649,774	118,191,553	\$14,118,428	130,429,347	\$36,950,815	142,798,214
State Assessments	15,052,545	35,456,448	15,895,206	36.335.263	36.787.876	37,255.120	37,731,808	\$58,735,872	38,749,662	19,279,742
Capital Gulling	8,713,817	8,785,383	5,6/06 864	6,641,310	7,170.544	9,041,713	10,481,189	17,118,815	13,961,254	38,066,178
Over inv Reserve	1,790,000	1,850,000	7,000,000	1,130,000	1,100,000	1,125.000	2,475,800	1,675.000	2,775.000	1,525.000
Expenditure Total	101,713,412	330,837,899	101,041,705	386,660,391	190,017,213	408,093,729	424,418,188	441,390.A02	857,082,583	424,681,571
Revenue Source	1725	FY26	- F725	FY25	1127	FY28	FT29	FY103	PT11	FY152
Frequents Taxes	221,125,279	241,432,839	260.003.319	279,431,710	259,163,367	319,547,004	348,413,954	361,772,047	383.653.505	406,090,134
Failur Tantt	11.696.213	11,980,802	17.172.807	11.185.288	18,708,545	11,711,546	110122-008	11.487.870	33,385,816	11,104,940
Penaltise and Interiol	681.809	641,800	681.000	641.000	881.808	681.000	881.809	681.000	681.800	881.000
PILOT Payments	1,935,355	1,955,950	1.575.578	1,696,353	1.629.202	1.659.994	1,682,993	1,796,813	1,729,852	1,752,851
Chargen - Trash	81,508	10.000	BL MA	21.810	11.442	11.121	11.000	11.840	11.84	19.84
Feat	2375.816	1,822,634	1.718.MZ	1.621.009	1.472.238	1,791,600	1,199,050	1,336,689	1,544,450	1,152,945
Pentals	85.214	85,836	81.215	81.216	85.788	81.816	\$5.245	45.815	43.518	85.815
Other Departmental Revenue	131,308	130.008	130,308	100.000	130.002	100.000	100.000	100.000	100.000	180.800
Licenses and Permits	15.04L808	25,998,612	11.445.508	8.113.377	0.011.001	7,347,875	6.811.817	8,759,210	4,722,600	6,677,880
Fires and Forfeits	5.181.844	3.181.644	5.181.874	5.182.134	5,182,863	5.187.829	5.182.002	5,183,572	5.181.407	5,183,754
Interestment Income Ridge	850,008	875.508	921,255	991.802	1.091.036	1,300,885	1,120,714	1.457.802	1.197.532	1,757,287
Miscellaneous Recurring	1.498.218	145.948	T#5.988	745.868	145.988	145.908	745.988	745.908	745.988	745.944
State Revenue	\$2,555,877	\$2,351,856	\$3,136,457	\$3,995,455	54,745,457	95,575,958	56.418.385	\$7,175,415	58,147,907	99,035,942
Other Falancing Sources	3.062.775	3.062.775	11.124.476	32,424,412	34821,307	13.941.202	3,293,247	3,343,413	3,395,213	3,449,579
Revenue Total	111.121,247	891,974,995	151,101,902	128,251,200	401,584,509	421,920,544	491,799,202	453,978,495	476,811,704	100,351,682
	FTB	EV26	PY28	1726	FY2F	in as	E128	EV 85	FTH	1111
Sorghes/ dags	16,215	8,367,992	30.341,915	11,590,206	32,527,246	11,117,415	7,385,894	12,677,812	29,729,572	26,572,513
Operating Surplus as % of Revenues	0.08%	1.54%	1.88%	8.08%	5.12%	1.101	1.71%	2.19%	4.165	8.10
Non-Tachaded Debt as % of Expenditures	4.16%	4.50%	5,32%	6.17%	8.32%	9.00%	9.06%	9,92%	8.87%	8.007



### **Evolution & adaptability**



# Capital Investment Plan FY2023

City Council Item ID# 23-0271

Katjana Ballantyne, Mayor Richard E. Raiche, Director of Infrastructure & Asset Management Edward Bean, Director of Finance Michael Mastrobuoni, Budget Director

9 March 2023

