

Capital Improvement Program





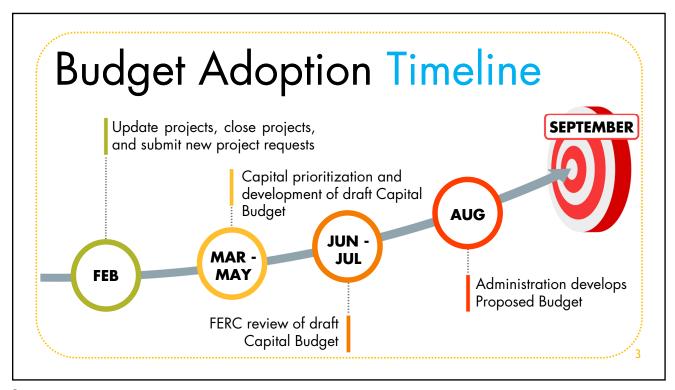
Official statement of public policy regarding long-range physical development in Miami Beach

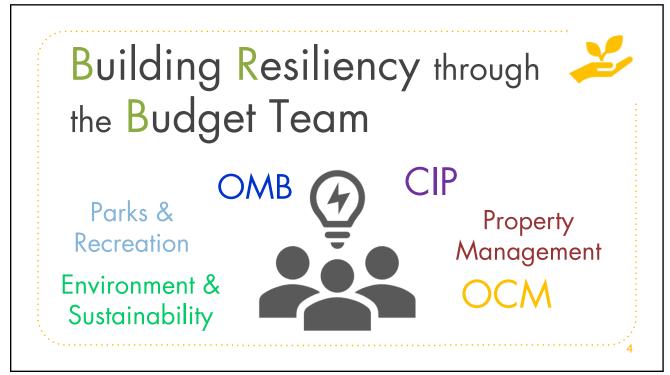


Proposed funding plan for 5 years



First year of the plan is appropriated in FY 2022





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Purpose





Approach

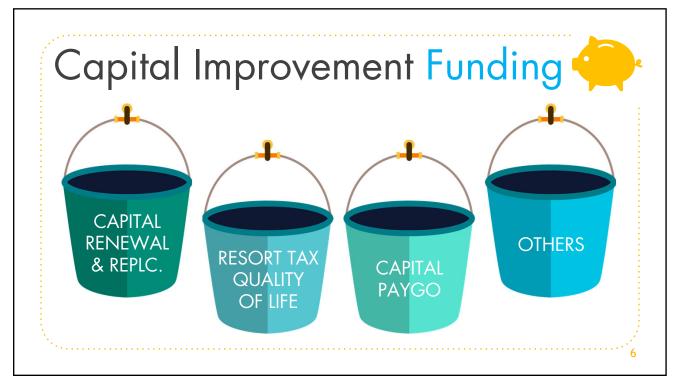
- Using a cross-departmental team
- Plan for shocks, stresses, and sustainability during early budget development

Goals

- Reduce Risk
- Save Money
- Create new Quality of Life benefits

BRB Established Fall 2019 per ULI Recommendation

5



ATTACHMENT

FY 2022-2026 CIP by Funding Source



- 1. Organized by funding source
 - Capital Renewal & Replacement Fund (CRR)
 - Quality of Life Funds (QOL)
 - Pay-As-You-Go Fund (PAYGO)
 - Other Funds
- 2. Includes Administration's recommended FY 2022 funding (column highlighted in green)
- 3. Public Works critical needs projects shown in green font

7

Capital Renewal & Replacement Fund (CRR)





Capital Renewal & Replacement Fund

Established in FY 2005

CR R

- Used exclusively to provide dedicated funding for renewal and replacement of City facilities and infrastructure for General Fund assets
- Funded by dedicated millage rate
 - Property values decreased 0.2%

9

Operating Millage Rate



Fund	FY 2021	FY 2022	Var
General Fund	5.6298	5.6298	0.0000
Renewal & Replacement	0.0235	0.0235	0.0000
Pay-As-You-Go (PAYGO)	0.0755	0.0755	0.0000
Total Operating Millage Rate	5.7288	5.7288	0.0000

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CRR Projects



Projects are listed on pages 1-2 of Attachment A

- Requests prioritized using the following categories:
 - Critical to Continued Operations
 - Beyond Useful Life
 - Important for Continuation/Reliability

Projects recommended for funding total \$780K

- FY 2022 CRR millage rate generates \$805K
- Unfunded project requests total \$4.7M

Facility Condition Index (FCI) used to rank projects

11

Recommended Projects



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Item	Project Name	\$
1	MBPD North Sub Station Parking Lot	233,000
2	1755 Meridian Fresh Air Intakes (HVAC)	63,000
3	1755 Meridian Roof Replacement (Elevator Room/Shaft)	82,000
4	MBPD Garage Exit Signs and Safety Lights	31,000
5	MBPD Main Roof Repairs	136,000
6	North Shore Youth Center Rooftop A/C Renewal	120,000
7	Scott Rakow Youth Center Lighting Renewal	115,000
	Total (Unallocated = \$26,024)	\$780,000



Resort Tax Quality of Life Funds (QOL)

3

13

Resort Tax Fund: Quality of Life (QOL)



Projects are listed on pages 2-4 of Attachment A

- Generated from 1% Resort Tax on room rents, which was approved by referendum on November 3, 1992
- Eligible uses: tourist-related capital projects
- Revenue amounts based on preliminary Resort Tax projections
 - Resort Taxes are projected at 15% below normal

60% - Transportation (Trolley System)

10% - Each zone within the City (North, Mid & South)

10% - Arts



Recommended Projects



Item	Project Name	\$
44	Shane Rowing Center HVAC Units Replacements	61,000
47	North Shore Bandshell Rear Canopy	310,000
51	Normandy Isle Park Pool Renovations	358,000
53	Entrance Signs to North Beach (Split)	244,000
56	North Beach Open Space Park Beachwalk CCTV Segment	156,000
	Total (Unallocated = \$848)	\$ 1,129,000

Recommended Projects



ltem	Project Name	\$
59	Bayshore Park (Par 3)	400,000
62	MB Golf Club Driving Range Netting	114,000
64	Non-Motorized Vessel Kayak Launch	70,000
65	Middle Beach Row Landscape (Split)	100,000
66	MB Golf Club Kitchen Floor Replacement	43,000
67	MB Golf Club Reel Grinders Replacement	71,000
<i>7</i> 1	Miami Beach Golf Club Lake Aeration	45,000
72	Waterway Markers & Signs (Split)	132,000
	Total (Unallocated = \$26,151)	\$975,000

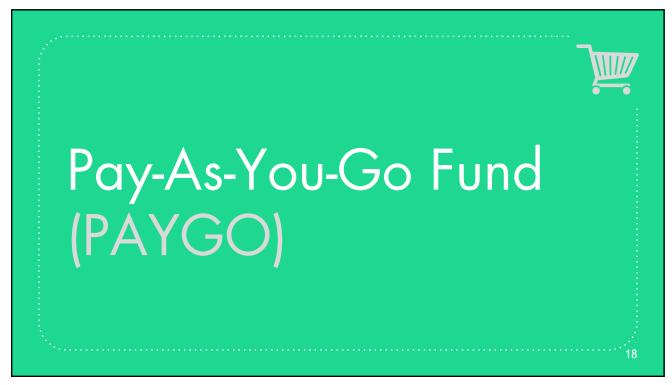
QOL – SOUTH BEACH

Recommended Projects

Item	Project Name	\$
73	Colony Theater Elevator	87,000
74	Bass Museum 40-Year Recertification	100,000
75	10th Street Auditorium-Louvers	52,000
80	Miami City Ballet Studio Flooring	39,000
93	Flamingo Park Tennis Center Courts (Split)	130,000
96	MXE Land Use/Mobility/Economic Development Study*	(190,000)
98	South Pointe Park-Fishing Pier Railing Repairs	198,000
100	Waterway Markers & Signs (Split)	263,000
101	Miami Design Preservation League Museum Master Plan	175,000
	Total (Unallocated = \$7,545)	\$854,000

* Un-funding this project, as study will be funded within existing G.O. Bond projects

17



PAY-AS-YOU-GC

Operating Millage Rate



Fund	FY 2021	FY 2022	Var
General Fund	5.6298	5.6298	0.0000
Renewal & Replacement (CRR)	0.0235	0.0235	0.0000
Pay-As-You-Go (PAYGO)	0.0755	0.0755	0.0000
Total Operating Millage Rate	5.7288	5.7288	0.0000

19

-AS-YOU-GC

PAYGO Projects



Projects are listed on pages 4-5 of Attachment A

- Ensures adequate, on-going reinvestment in capital, plant, and equipment
- No restrictions; used after all other funding sources exhausted
- Funded by dedicated millage rate
 - Property values decreased 0.2%

Projects recommended for funding total \$2.8M

- FY 2022 PAYGO millage rate generates \$2.6M
- Unfunded project requests total \$2.0M

AY-AS-YOU-GO

Recommended Projects



Item	Project Name	\$
105	Collins Park Performing Arts Venue (Rotunda)	400,000
118	Citywide Bridges (77th St. over Tatum)	750,000
120	North Beach Oceanside Park (Funding Swap to Fund 301)	(283,000)
121	North Shore Park Youth Center Exterior Cafe & Restrooms	400,000
13 <i>7</i>	Middle Beach Row Landscape (Split)	36,000
142	1755 Roof Replacement	223,000
143	Smart Building Automation System	100,000
	Sub-Total	\$1,626,000

21

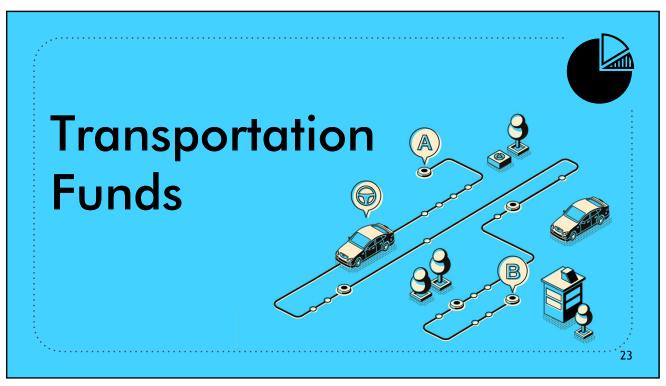
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Recommended Projects



AY-AS-YOU-GC

ltem	Project Name	\$
	Sub-Total	\$1,626,000
147	Bollards Installation and Replacement	200,000
148	Entrance Signs to North Beach (Split)	356,000
153	Greenspace Facility Renovation	200,000
154	Shane Rowing Center Roof Replacement	61,000
1 <i>57</i>	Flamingo Park Baseball Stadium Stand	65,000
158	Miami Beach Mooring Field	156,000
159	Tobias Rehberger Obstinate Lighthouse Conservation	85,000
	Total (Unallocated = \$15,128)	\$2,749,000



23

Recommended Projects \$ Project Name Fund Item Indian Creek Drive Protected Bike Transportation 131,000 160 Lanes Transportation 230,000 161 La Gorce/Pine Tree Dr Bike Lanes 190,000 163 10th St. Neighborhood Greenway Transportation Transportation90,000 164 16th Street Protected Bike Lanes West Avenue Bicycle Lanes Phase II 108,000 166 Transportation (Split) West Avenue Bicycle Lanes Phase II Concurrency 183 23,000 (Split) Mitigation **Sub-Total** \$772,000

TRANSPORTATION

Recommended Projects



Item	Project Name	Fund	\$
		Sub-Total	\$772,000
165	Orchard Park Traffic Calming (Split)	Transportation	138,000
182	Orchard Park Traffic Calming (Split)	Concurrency Mitigation	76,000
196	Orchard Park Traffic Calming (Split)	PTP	31,505
181	Meridian Ave (North) 28th Street & Dade	Concurrency Mitigation	756,000
		Sub-Total	\$1,773,505

25

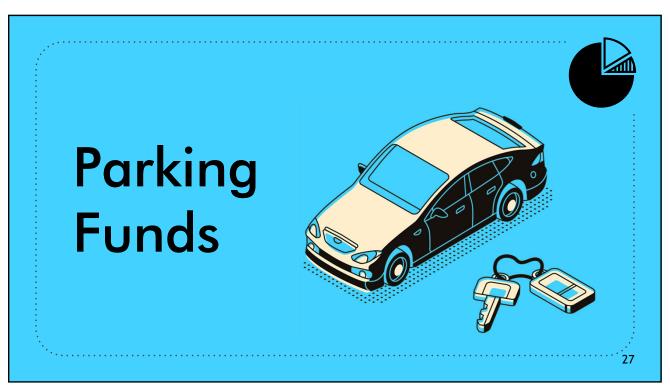
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Recommended Projects



Item	Project Name	Fund	\$
		Sub-Total	\$1,773,505
184	Prairie Avenue and 44 th Street/ Chase Avenue	Concurrency Mitigation	520,000
185	North Beach Greenways-Phase II	Concurrency Mitigation	110,000
186	71st Street Bridge Bike Lanes	Concurrency Mitigation	100,000
197	Royal Palm Ave & 46 th Street* Circle	PTP	(107,000)
		Total	\$2,396,505

* Project to be combined with the Orchard Park Traffic Calming project



	ltem	Project Name	Fund	\$
	1 <i>7</i> 3	7th Street Garage-Fire Sprinkler & Pump	7 th Street Garage	300,000
	174	7th Street Garage-Entrance Flood Control	7 th Street Garage	278,000
	175	7th Street Garage-Office/Restroom	7 th Street Garage	36,000
	223	16th Street Garage-Roof Top Renewal	Anchor Garage	34,000
	224	16th Street Garage HVAC Renewal	Anchor Garage	34,000
-	225	16th Street Garage-Office/Restroom	Anchor Garage	30,000
	226	16th Street Garage-Exterior Paint Renewal Paint and Waterproofing	Anchor Garage	550,000
2	227	16th Street Garage-Joint Replacement	Anchor Garage	200,000
			Sub-Total	\$1,462,000

Recommended Projects



ARKING

Item	Project Name	Fund	\$
		Sub-Total	\$1,462,000
231	Penn Garage-HVAC Renewal	Penn Garage	85,000
232	Penn Garage-Traffic Coating-Retail	Penn Garage	100,000
233	Penn Garage-Elevator Renewal	Penn Garage	218,000
240	13th Street Garage Neon Renewal	2010 Pkg Bonds	67,000
241	42nd Street Garage-Stairwell Waterproofing	Parking Capital	50,000
242	Sunset Harbour Garage Sealing	Parking Capital	75,000
243	13th Street Garage-Stairwell Railing	Parking Capital	50,000
		Sub-Total	\$2,107,000

29

Recommended Projects



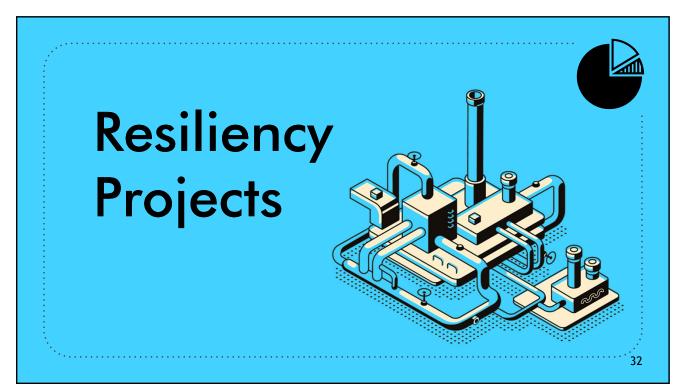
ARKING

Item	Project Name	Fund	\$
		Sub-Total	\$2,107,000
244	42nd Street Garage-Stairwell Railing	Parking Capital	25,000
245	13th Street Garage -Parking Sign Renewal	Parking Capital	30,000
246	Sunset Harbour Garage Screening	Parking Capital	200,000
247	17th Street Garage-Storage Space Renovation	Parking Capital	100,000
248	12th Street Garage Plumbing System Update	Parking Capital	79,000
249	12th Street Garage-Interior Floor Drainage	Parking Capital	25,000
		Sub-Total	\$2,566,000

Recommended Projects



ltem	Project Name	Fund	\$
		Sub-Total	\$2,566,000
250	1755 Meridian Garage Floor Drainage	Parking Capital	200,000
251	17th Street Garage Interior Floor Drainage	Parking Capital	30,000
252	17th Street Garage-Electrical Feeder	Parking Capital	225,000
253	Citywide Parking Lots Improvements	Parking Capital	150,000
254	1755 Meridian Garage LED Lighting	Parking Capital	150,000
255	Sunset Harbour Garage LED Lighting	Parking Capital	300,000
256	Skidata Garage Software Upgrade with Redundancy Server	Parking Capital	475,000
		Total	\$4,096,000







(ESILIENC)

Item	Project Name	\$
169	Convention Center Lincoln Road Connector	1,800,000
1 <i>7</i> 0	Citywide Seawall Rehab	5,000,000
171	1st Street-Alton Road to Washington (Split)	19,224,594
	Total	\$26,024,594

OTHER USES:

- a. West Avenue Phase II Improvements June 23rd Capital Budget Amendment \$15M
- b. Operating Budget Appropriations over 5 years Private Adaptation \$3.33M
- c. Possible future commitments for the Seawall \$5M and the North Beach Town Center \$8.46M

33

33

Resiliency Fund Commitments



Resiliency Funds Available	\$ 57,176,165
Indian Creek Dr. Flooding Mitigation (March Capital Budget Amendment)	(6,862,745)
Bayshore Park (May Capital Budget Amendment)	(3,500,000)
Projected FY 2022 Revenue	11,000,000
Updated Total Available for Appropriation	\$ 57,813,420
Requests	
West Ave. Ph II Improvements (Discussed at FERC)	(15,000,000)
First Street Project (Discussed at FERC)	(19,224,594)
Funding for Seawalls in Capital Budget (50% funding of \$20 million)	(10,000,000)
\$666K to be appropriated to Resiliency Fund for 5 years	(3,333,330)
Stormwater funding for Lincoln Road Project	(1,800,000)
North Beach Town Center (remainder of project to be funded by future rate increase)	(8,455,496)
Total	\$ -

VATER & SEWER

Recommended Projects

Item	Project Name	Fund	\$
203	FDOT Utilities Relocation (Split)	W&S Capital	285,000
211	FDOT Utilities Relocation (Split)	W&S Impact Fees	1,215,000
204	Waste Water Stations Rehab	W&S Capital	2,870,733
205	Water Pump Stations Improvement	W&S Capital	2,595,937
206	Waste Water Manhole Rehab	W&S Capital	1,592,000
207	Water & Waste Water Mains & Rehab	W&S Capital	7,833,710
		Sub-Total	\$16,392,379

35

35

Recommended Projects



/ATER & SEWER

Item	Project Name	Fund	\$
		Sub-Total	\$16,392,379
208	DERM & EPA Consent Decree	W&S Capital	500,000
209	Valve Replacement Prog (Split)	W&S Capital	1,029,000
210	Valve Replacement Prog (Split)	2017 W&S Bonds	830,853
		Total	\$18,752,232

Future Programmed Projects **Project Name** Fund Year **Item** North Beach Town Center 172 FY 2023 8,455,496 Resiliency (split) North Beach Town Center Future Storm 350 FY 2023 45,544,504 Water Bond (split) Future W&S North Beach Town Center 360 FY 2023 42,000,000 (split) Bonds Normandy Isles Drainage Future Storm 339 FY 2025 164,000,000 Water Bond Improvement (split) Future W&S Normandy Isles Drainage 353 FY 2025 128,000,000 Improvement (split) Bonds \$388,000,000 Total

37



PARKS CONCURRENC

Recommended Projects



Item	Project Name	\$
187	Flamingo Park Tennis Center Courts (Split)	30,000
188	Citywide Parks Irrigation System	156,000
189	Citywide Parks Court Repairs	105,000
190	Normandy Shores Golf Club Tee Renovation	125,000
191	Citywide Fitness Course Replacement	100,000
192	Normandy Shores Golf Carpet Replacement	40,000
193	North Beach Parks Restroom Restoration	91,000
194	Citywide Parks Landscaping Improvements	152,000
	Total	\$799,000

39

39

ET MANAGEMENT

Recommended Projects



Item	Project Name	\$
277	FY 2022 Vehicle/Equipment Replacement	7,414,000
280	Fleet 40 Year Re-Certification	35,000
281	Fleet Enhancements Phase II Upgrade	150,000
282	Fleet Security Cameras	1 <i>57</i> ,000
283	Fleet Warehouse Waterproofing and Roof Repairs	145,000
284	Fleet Gate	51,000
285	Fleet Parking Lot Resurfacing	71,000
	Total	\$8,023,000

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CONVEN. CTR. R&R

Recommended Projects

Item	Project Name	Fund	\$
212	Convention Center Rubber Walls and Parking Deck Repairs	Convention Center R&R	184,000
213	Convention Center Additional Security Cameras	Convention Center R&R	250,000
214	Parking Deck Cracks Repair	Convention Center R&R	280,000
215	East Chilled Water Piping Insulation Repairs	Convention Center R&R	35,000
216	Canal Park Landscaping Replacement	Convention Center R&R	40,000
217	T17 - Terrazzo Floor Scrubbers	Convention Center R&R	40,000
		Sub-Total	\$829,000

41

Recommended Projects

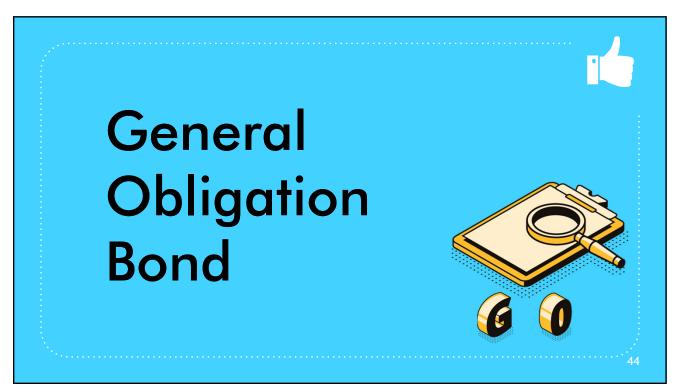


Item	Project Name	Fund	\$
		Sub-Total	\$829,000
218	Energy Consumption Management Integration System	Convention Center R&R	35,000
219	Chiller Lines Flushing (Fillmore, City Hall & 1755 Meridian)	Convention Center R&R	25,000
		Total	\$889,000

· 42

Recommended Projects Fund Capital Projects Not 198 North Beach Oceanside Park (Split) 283,000 Financed by Bonds Shane Rowing Center Dock Ramp 199 Gulf Breeze Loan 413,000 and Landing Platform 1st Street-Alton Road to Washington 200 South Pointe Capital 70,931 (Split) 1st Street-Alton Road to Washington 201 MDC Interlocal - CDT 704,475 (Split) \$1,471,406 **Total**

43



G.O. Bonds

G.O. Bond Timeline



Capital Budget includes 5 years and Future

- Implementation plan revised during FY 2021 and reduced to 3 tranches from 4
- All Tranche 1 projects appropriated in FY 2019
- Tranche 2 projects shown in FY 2023
- Tranche 3 projects shown in Future (FY 2027)

45



Capital Project Gaps

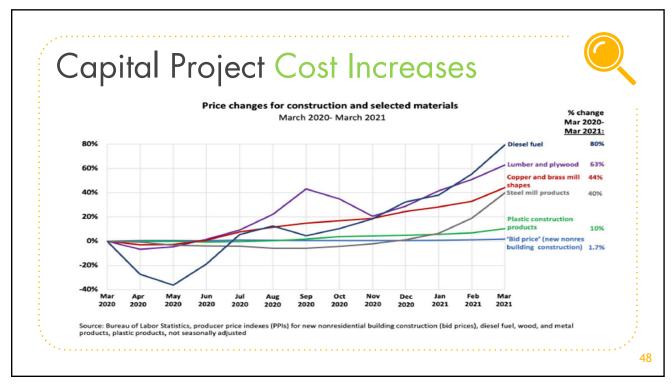
Capital Project Cost Increases



- COVID-19 has disrupted global supply chains resulting in a spike in prices that are dramatically impacting the City's capital project costs
 - Contractors are forced to build high contingencies to compensate for pricing of commodities, labor, transportation, fuel, etc.
 - o Inability to commit to delivery schedules
 - Uncertainty regarding how long the impact will last
 - Potentially a year or more
- Various cost impacts from scope changes, normal cost inflation, permitting delays, competition with private sector construction, etc.

47

47



Potential Capital Project Gaps



GO Bond projects

72nd Street Complex: >\$20 million
 Bayshore Park (Par 3): \$6 to \$7 million
 Fire Station #1: \$6 to \$10 million
 Police Headquarters: \$4 to \$5 million
 Maurice Gibb Park: \$1.2 million

Other

o North Beach Oceanside Park: \$1.9 million

First Street: \$20 million

49

49

72nd Street Project Gap



- Contract award anticipated in September 2021, if funding available
- Estimated shortfall range is \$24.6 to \$49.1 million
 - Updated cost estimates from negotiations with Haskell will be available by end of June that will update the shortfall amount
- Recommendation
 - Determine the amount for the parking portion of the project and use parking bonds to close the gap between the total parking cost and the \$10.5M already budgeted in the project
 - Fund the remaining portion of the project gap from the sale of city properties that may or may not include the current North Shore Library site



North Beach Oceanside Park Gap

- Contract award anticipated in September 2021
- Estimated shortfall is \$1.9M
- Recommendation
 - Apply \$1.9M of savings in the Middle Beach Recreational Corridor 2 project available due to awarded grant funds through a FY 2021 Budget Amendment

51

51

Maurice Gibb Park Gap



- Contract award anticipated in December, 2021
- Estimated shortfall is \$1.2M
 - Pending applications for BRIC and FIND grants that may assist in closing the gap by approximately \$600K
 - o Awards will be announced later this calendar year
- Recommendation
 - Apply \$1.2M of \$1.5M available of G.O. Bond Park category savings through a FY 2021 Budget Amendment

Bayshore Park Gap



- Contract award anticipated in March 2022
- Estimated shortfall is \$6 to \$7M
 - Value engineered the project to decrease the gap to \$1.9M
- Recommendation
 - Apply \$1.5M of savings in the Middle Beach Recreational Corridor 2 project available due to awarded grant funds through a FY 2021 Budget Amendment
 - Add \$400K of additional appropriation through the FY 2022 Capital Budget process from Quality of Life – Mid Beach fund

53

53

Fire Station #1 Gap



- Contract award anticipated in October 2022
- Estimated shortfall is \$6 \$10M
- Recommendation
 - By next Summer, the estimated shortfall may be less if COVID cost pressures unwind in the next 12 months
 - Use funds from sale of 5 vacant parcels identified by Property Management and CBRE's asset inventory study to fund the project gap

Police Headquarters Gap



- Contract award anticipated in October 2021
 - Work is phased over time as funding is split between Tranches 1 and 2
- Estimated shortfall is \$4 to \$5M
- Recommendation
 - Review scope for potential changes
 - Use Tranche 1 funding to complete short term elements and potentially supplement Tranche 2 funds in future years with additional funding

55

55

Unfunded Projects



- Collins Park Cultural Facility
- Byron Carlyle
- Barclay
- Old Fire Station #1
- Tight Urbanism
- Other

Capital Project Funding Options



- North Shore Library Site: \$TBD
 - Recommend issuing RFP with different options and determine if voter referendum will be necessary
- Potential sale of 5 vacant parcels identified by Property Management and CBRE's asset inventory study: Appraised at \$16.2M
 - o Recommend issuing RFP or bid waiver to list properties with pre-approved vendors
- Proposed Seagull Hotel street vacation: \$7.4M
 - o 1st Payment: \$750K within 30 days of Development Board approvals
 - 2nd Payment: \$3.325M at closing
 - 3rd Payment: \$3.325M prior to TCO or CO, whichever comes first

57

57

Capital Project Funding Options



- Uncommitted Ocean Terrace legal settlement: \$1.6M
 - Of \$3M settlement, \$1M earmarked for 72nd Street Community Complex project and \$400K for legal fees, leaving \$1.6M available to be allocated
 - FERC recommendation on June 11th to allocate up to \$1.6M as a 50% match to the Sabrina Cohen Foundation
- Savings in various GO Bond projects
 - Parks category: \$1.5M (recommendation of \$1.2M to Maurice Gibb Park)
 - Public Safety category: \$1M
- Other

