

## Potential Projects for the 2018 Bond Program

#	Location	Category	Department	Project	Description	Amount
1	South	Parks & Beaches	Parks & Rec	Flamingo Park Improvements	<ul style="list-style-type: none"> <li>• Replace Recreation Center (PAL) and add new community center amenities \$15.4M</li> <li>• Sports LED Lighting Upgrades \$2.8M</li> <li>• Master Plan <del>\$2.4M</del> <sup>\$7.6M</sup></li> <li>• Playground Replacement \$650K</li> <li>• Fence Replacements \$300K</li> <li>• Pool Pump &amp; Pool Deck \$275K</li> <li>• Outdoor Fitness Equipment \$200K</li> <li>• Security Cameras (Pool &amp; Playground) \$50K</li> </ul>	22,150,000
2	South	Parks & Beaches	Parks & Rec	Lummus Park Improvements	<ul style="list-style-type: none"> <li>• Master Plan Implementation: landscaping, turf, irrigation, restrooms \$2.1M</li> <li>• Upgrading Pathways similar to South Pointe Park and Installing Wayfinding Signage \$2.5M</li> <li>• Reforestation Improvements \$120K</li> </ul>	4,737,000
3	South	Parks & Beaches	Parks & Rec	South Pointe Park Improvements	<ul style="list-style-type: none"> <li>• Playground Replacement \$400K</li> <li>• Quick Release Shade Structure \$100K</li> <li>• Reforestation Improvements \$70K</li> <li>• Restroom Renovation \$10K</li> </ul>	580,000
4	South	Parks & Beaches	Parks & Rec	Palm Island Park	<ul style="list-style-type: none"> <li>• Playground Replacement \$151K</li> <li>• Quick Release Shade Structure \$44K</li> <li>• Sidewalk Upgrade \$36K</li> </ul>	231,000
5	South	Parks & Beaches	Parks & Rec	Marjory Stoneman Douglas Park	<ul style="list-style-type: none"> <li>• Playground Replacement \$151K</li> <li>• Sidewalk Upgrade \$88K</li> <li>• Quick Release Shade Structure \$44K</li> <li>• Restroom Renovation \$40K</li> </ul>	482,000
6	South	Parks & Beaches	Parks & Rec	Washington Annex	<ul style="list-style-type: none"> <li>• Renovations to Park Rangers HQ Bldg \$435K</li> <li>• Fence Replacement \$40K</li> </ul>	475,000
7	South	Parks & Beaches	Parks & Rec	Buoy Park	<ul style="list-style-type: none"> <li>• Reforestation Improvements \$150K</li> </ul>	150,000
8	South	Parks & Beaches	Parks & Rec	Belle Isle Park	<ul style="list-style-type: none"> <li>• Reforestation Improvements \$130K</li> </ul>	130,000
9	South	Parks & Beaches	Parks & Rec	Collins Park	<ul style="list-style-type: none"> <li>• New Paver Walkway and Plaza</li> </ul>	640,000
10	South	Parks & Beaches	Parks & Rec/TCED/New World Symphony	Soundscape Park	<ul style="list-style-type: none"> <li>• Replace existing restroom trailer with permanent restroom facility and augment storage area \$700K</li> <li>• Upgrade projectors, cameras, and servers to 4K \$7.6M</li> <li>• Pedestrianize Lincoln Lane North between Drexel Ave and Washington Ave by leveling street and sidewalks \$4.3M</li> <li>• Pedestrianize Lincoln Lane North between Pennsylvania Ave and Drexel Ave by leveling street and sidewalks \$2.9M</li> </ul>	15,500,000

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#	Location	Category	Department	Project	Description	Amount
11	Mid	Parks & Beaches	Parks & Rec	Scott Rakow Youth Center	<ul style="list-style-type: none"> <li>• Renovations to Pool, Restrooms, and Locker Room \$538K</li> <li>• Basketball Floor Renovation \$250K</li> <li>• Security Cameras \$250K</li> <li>• Gymnastics Floor Replacement \$145K</li> <li>• Outdoor Patio Flooring \$100K</li> <li>• Replace Ice Rink Cooling Towers \$85K</li> <li>• Ice Rink Mondo Flooring Replacement \$60K</li> <li>• Window Replacements \$700K</li> <li>• Fire Alarm Renewal \$80K</li> <li>• Emergency Generator \$500K</li> </ul>	2,708,000
12	Mid	Parks & Beaches	Parks & Rec	Pinetree Park	<ul style="list-style-type: none"> <li>• Kayak Launch Renovation/Replacement \$252K</li> <li>• Sidewalk Improvements \$236K</li> <li>• Reforestation Improvements \$150K</li> </ul>	638,000
13	Mid	Parks & Beaches	Parks & Rec	Fisher Park	<ul style="list-style-type: none"> <li>• Quick Release Shade Structure \$80K</li> <li>• Drainage and Parking Improvements \$55K</li> <li>• Reforestation Improvements \$50K</li> </ul>	185,000
14	Mid	Parks & Beaches	Parks & Rec	LaGorce Park	<ul style="list-style-type: none"> <li>• Replace Playground Equipment; Improve Drainage and Create Additional Parking (4-6 spaces) \$150K</li> <li>• Quick Release Shade Structure \$44K</li> </ul>	194,000
15	Mid	Parks & Beaches	Parks & Rec	Beachview Park	<ul style="list-style-type: none"> <li>• Replace Fitness Equipment \$100K</li> <li>• Quick Release Shade Structure \$44K</li> </ul>	144,000
16	Mid	Parks & Beaches	Parks & Rec	Par 3/Community Park	Elements include: <ul style="list-style-type: none"> <li>• Lake, Overlooks, and Amphitheater</li> <li>• Tennis Courts, Facility, &amp; Restrooms</li> <li>• Playground</li> <li>• Vitae Course &amp; Trail System</li> <li>• Environmental Remediation</li> </ul>	13,200,000
17	Mid	Parks & Beaches	Parks & Rec	Indian Beach	<ul style="list-style-type: none"> <li>• Quick Release Shade Structure \$44K</li> </ul>	44,000
18	Mid	Parks & Beaches	Parks & Rec	Maurice Gibb Park	<ul style="list-style-type: none"> <li>• Remediate soil and redesign the park to include new landscaping, irrigation, signage , trash receptacles, benches, playground replacement, and fitness circuit \$1.6M</li> <li>• Marine Patrol/Police Facility \$2.7M</li> <li>• Bath House \$1.2M</li> <li>• Transient Dock \$650K</li> </ul> This funding is in addition to existing funding of \$2.6M	6,150,000
19	Mid	Parks & Beaches	Parks & Rec	Muss Park	<ul style="list-style-type: none"> <li>• Artificial Turf \$250K</li> </ul>	250,000

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20	North	Parks & Beaches	Parks & Rec	North Shore Park & Youth Center	<ul style="list-style-type: none"> <li>• Baseball Field Conversion to Artificial Turf \$1.6M</li> <li>• Baseball Field LED Lighting Upgrades \$511K</li> <li>• Generator for Emergency Activation Site \$500K</li> <li>• Playground Replacement \$400K</li> <li>• Security Cameras \$250K</li> <li>• Fence Replacement \$140K</li> <li>• Quick Release Shade Structure \$132K</li> <li>• Reforestation Improvements \$80K</li> <li>• New Walking/Jogging Path \$29K</li> </ul>	3,652,000
21	North	Parks & Beaches	Parks & Rec	Normandy Isle Park & Pool	<ul style="list-style-type: none"> <li>• Sports LED Lights \$715K</li> <li>• Playground Replacement \$250K</li> <li>• Pool Pump &amp; Pool Deck \$188K</li> <li>• Fence Replacement \$120K</li> <li>• Security Cameras \$20K</li> </ul>	1,293,000
22	North	Parks & Beaches	Parks & Rec	North Beach Oceanside Park	<ul style="list-style-type: none"> <li>• Master Plan Improvements including Fencing; Focal Hub with Concession; Custom Pavilions; Playground; Landscaping \$12.7M</li> <li>• Beach Maintenance, Ocean Rescue, &amp; Parks Facility \$5M (County may contribute \$2M)</li> <li>• Reforestation Improvements \$300K</li> <li>• Quick Release Shade Structures \$44K</li> </ul> <p>(Total request amount nets dedicated developer funds of \$10.5M and adds \$250K from realignment from budget amendment for Batting Cages project)</p>	7,794,000
23	North	Parks & Beaches	Parks & Rec	Crespi Park	<ul style="list-style-type: none"> <li>• Fence Replacement \$140K</li> <li>• Sports LED Lighting Improvements \$87K</li> <li>• New Walking/Jogging Path \$47K</li> <li>• New Paint &amp; Flooring to Building &amp; Restrooms \$25K</li> </ul>	298,000
24	North	Parks & Beaches	Parks & Rec	Stillwater Park	<ul style="list-style-type: none"> <li>• Fence Replacement \$120K</li> <li>• Sports LED Lighting Improvements \$87K</li> <li>• New Paint &amp; Flooring to Building &amp; Restrooms \$25K</li> </ul>	232,000
25	North	Parks & Beaches	Parks & Rec	Tatum Park	<ul style="list-style-type: none"> <li>• Demolish Building and Replace with Restrooms and Water Playground \$750K</li> <li>• Sports LED Lighting Improvements \$152K</li> <li>• Fence Replacement \$90K</li> </ul>	992,000
26	North	Parks & Beaches	Parks & Rec	Fairway Park	<ul style="list-style-type: none"> <li>• Fence Replacement \$170K</li> <li>• Quick Release Shade Structure \$44K</li> </ul>	214,000
27	North	Parks & Beaches	Parks & Rec	Polo Park	<ul style="list-style-type: none"> <li>• Artificial Turf \$1.06M</li> <li>• Quick Release Shade Structure \$44K</li> </ul>	1,106,000
28	North	Parks & Beaches	Parks & Rec	Brittany Bay Park	<ul style="list-style-type: none"> <li>• Finish Park after Seawall Project (Pathways, Landscape, Fitness Equipment, Irrigation) \$300K</li> </ul>	300,000
29	North	Parks & Beaches	Parks & Rec	Bandshell Park	<ul style="list-style-type: none"> <li>• Sidewalk Improvements \$7K</li> </ul>	7,000
30	North	Parks & Beaches	Parks & Rec	Allison Park	<ul style="list-style-type: none"> <li>• Reforestation Improvements \$85K</li> </ul>	85,000

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31	North	Parks & Beaches	Parks & Rec/CIP	72nd Street Civic Complex	<ul style="list-style-type: none"> <li>• All Wheels Skate Park (up to 20,000 sq ft)</li> <li>• Library/Media Center (5,000-10,000 sq ft)</li> <li>• Roof-top Competition Pool and support facilities</li> <li>• Community meeting room</li> <li>• Civic/commercial space (20,000 sq ft)</li> <li>• Upscale fitness gym with running track</li> <li>• Passive Park (56,000 sq ft)</li> <li>• Parking Garage (500 max spaces w/ convertability)</li> </ul>	60,000,000
32	North	Parks & Beaches	Parks & Rec	Normandy Shores	<ul style="list-style-type: none"> <li>• Quick Release Shade Structure \$44K</li> </ul>	44,000
33	CW	Parks & Beaches	Parks & Rec	Blueways	Create Kayak Launches with Floating Docks and Seating at: <ul style="list-style-type: none"> <li>• Collins Canal \$400K (South)</li> <li>• Indian Creek Park \$500K (Mid)</li> <li>• Chase Avenue \$250K (Mid)</li> </ul>	1,150,000
34	South	Parks & Beaches	Parks & Rec	Miami Beach Golf Club	<ul style="list-style-type: none"> <li>• Rebuild Fairways &amp; Greens \$4M</li> <li>• Other Improvements to the Clubhouse and Grounds Including Renovation of Driving Range Tees \$665K</li> </ul>	4,665,000
35	North	Parks & Beaches	Parks & Rec	Normandy Shores Golf Club	<ul style="list-style-type: none"> <li>• Various Improvements to the Clubhouse and Grounds \$246K</li> </ul>	246,000
36	South	Public Safety	Parks & Rec	Security for Parks	Enhanced security measures with a combination of bollards, emergency call boxes, panic buttons, and security fobs in key public spaces including Lummus Park, Flamingo Park, Scott Rakow Youth Center, Collins Park, Muss Park, Polo Park, Bandshell Park, North Shore Youth Center, North Beach Oceanside Park, Belle Isle Park, and Golf Courses	1,477,600
37	South	Public Safety	Police	Security for Public Spaces	Enhanced security improvements at the following locations: <ul style="list-style-type: none"> <li>• Lincoln Road               <ul style="list-style-type: none"> <li>• Permanent Security Bollards \$2.5M</li> <li>• Security Cameras \$300K</li> <li>• Fire Suppression \$200K</li> </ul> </li> <li>• Soundscape Park \$200K</li> <li>• South Pointe Park \$50K</li> </ul>	3,250,000
38	South	Public Safety	Police	Security Cameras in Entertainment District	Add 72 additional security cameras to the existing 14 cameras in the Entertainment District: <ul style="list-style-type: none"> <li>• Washington Ave - 5th to 17th Street \$460K</li> <li>• Collins Ave - 5th to 17th Street \$215K</li> <li>• Ocean Drive/Lummus Park - 5th to 15th Street \$170K</li> <li>• Lummus Park Connectivity to provide fiber from Police HQ to Lummus Park and to Beachwalk \$645K</li> </ul>	1,490,000

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39	South	Public Safety	Police	Security Cameras on Beachwalk	Add 155 security cameras along 73 blocks of the Beachwalk from 14th Place to 8700 block • 14th Place to 4600 block \$1.65 million • 4600 block to 63rd Street \$1.28 million • 63rd Street to 8700 block \$1.85 million	4,780,000
40	CW	Public Safety	Police	Security Cameras in Business Districts	Add 80 security cameras in 3 major Business Districts: • Alton Road - 5th to Michigan Ave and along Dade Blvd to Washington Ave \$215K • 41st Street - Alton Road to Collins Ave \$245K • 71st Street - Bay Drive to Collins Ave \$215K • Equipment \$150K	825,000
41	CW	Public Safety	Police	License Plate Readers	License Plate Readers at 31 locations at the entrances/exits and thoroughfares of the city to improve public safety. Locations include MacArthur Causeway, Julia Tuttle Causeway, Espanola Way, 41st Street, Normandy Drive, Dade Boulevard, Alton Road, 5th Street, 17th Street, 63rd Street, 71st Street, and 87th Street (avg. \$74,000 per location)	2,300,000
42	South	Public Safety	Police, Fire, Emg. Mgmt.	New Public Safety Facility	Replace existing Police Headquarters building with a new CAT 5 rated facility for Police, Fire Station 1, 9-1-1, and Emergency Operations Center, parking garage (does not include transition costs for rental space, etc)	160,000,000
43	South	Public Safety	Police	Police Headquarters Renovations	Renovation of Police Headquarters which is 31 years old ( <i>not needed if new Public Safety Facility is built</i> )	5,000,000
44	South	Public Safety	Police	Police Headquarters Expansion	Add additional 5th floor to the Police Headquarters building to accommodate needed expansion ( <i>not needed if new Public Safety Facility is built</i> )	7,000,000
45	South	Public Safety	Police	Indoor Shooting Range at Police Headquarters	Remodel indoor shooting range at Police Headquarters to include additional safety features and replace HVAC system ( <i>not needed if new Public Safety Facility is built</i> )	850,000
46	CW	Public Safety	Police	Replace Public Safety Radio System	Replace end-of-life Public Safety Radio System with a new P25 compliant system which meets standards for interoperability by federal, state, and local public safety agencies	10,000,000

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47	CW	Public Safety	Police	New CAD System	Replace existing Computer Aided Dispatch / Records Management System / Mobile Field Reporting software program that allows for the processing of calls for service for Police/Fire/Code/Parking. The solution will provide for complete processing and documentation of city services complying with respective industry standard reporting requirements.	5,000,000
48	CW	Public Safety	Police	Replace Marine Patrol Boats	Replace two aging Marine Patrol boats with additional all weather capabilities and replace engines on a third boat	750,000
49	CW	Public Safety	Police	Add Mini-Armored Vehicle	Agile armored vehicle capable of transporting and deploying tactical personnel in the event of a critical incident (active shooter, mass shooting, high-risk warrant service, officer and civilian rescue)	350,000
50	North	Public Safety	Police	Drainage at Northeast Police Sub-Station	Alleviate occasional flooding with a new drainage system \$206K	206,000
51	South	Public Safety	Fire	Replace Fire Station #1	Replace Fire Station 1 to current NFPA standards. The new building should be able to withstand a Category 5 hurricane, other natural disasters, and challenges such as security threats/risks. Replacement is recommended due to continuing intensive maintenance costs, current site conditions, and minimum code requirements. New facility would address existing parking conditions and improve accessibility during severe storm events. <i>(not needed if new Public Safety Facility is built)</i>	10,000,000
52	Mid	Public Safety	Fire	Replace Fire Station #3	Replace Fire Station 3 to current NFPA standards. The new building should be able to withstand a Category 5 hurricane, other natural disasters, and challenges such as security threats/risks. Replacement is recommended due to continuing intensive maintenance costs, current site conditions, and minimum code requirements.	10,000,000
53	Mid	Public Safety	Fire	Renovate Fire Station #2	Renovations to Fire Station #2 include: Category 5 hurricane rated structure, updated kitchens, floors, bathrooms, and dorms to extend the life of the building as these structures are operated on a 24/7 basis	4,000,000
54	North	Public Safety	Fire	Renovate Fire Station #4	Renovations to Fire Station #4 include: Category 5 hurricane rated structure, updated kitchens, floors, bathrooms, and dorms to extend the life of the building as these structures are operated on a 24/7 basis	4,000,000
55	South	Public Safety	Fire	New Call Center for 9-1-1 Dispatch	Replace existing 9-1-1 Call Center in a Category 5 hardened building; current facility would remain as the City's required back up center; could be separate facility or added to one of the new Fire Stations #1 or #3	3,000,000

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56	South	Public Safety	Fire	Renovate Support Services Building and Fleet Service Shop	Renovations to Support Service Building and Fleet Service Shop to include: aging drainage system, shop floor needs to be replaced in order for the mobile column lifts to operate in a safe manner, and Category 5 hurricane hardening	2,500,000
57	North	Public Safety	Fire	New Ocean Rescue Sub-Station in North Beach	Replace current Ocean Rescue sub-station in North Beach located in a double-wide trailer with a new facility to alleviate some of the current challenges faced by the Ocean Rescue Division during high impact events/weekends. The building would meet Category 5 hurricane standards	4,000,000
58	Mid	Public Safety	Fire	Replace Ladder #3 Fire Truck	Replace one of the existing ladder trucks per National Fire Protection Association guidelines. Ladder trucks are placed in active service for 15 years and an additional 5 years as a reserve unit.	1,000,000
59	North	Public Safety	Fire	Replace Fire Boat #4	Replace the current fire boat used to respond to waterborne emergencies that is near the end of useful life	500,000
60	CW	Public Safety	Fire	New Special Operations Fire Truck	New specialized vehicle to support the Fire Department's Special Operations Team that responds to hazardous materials incidents and terrorism activity	500,000
61	CW	Public Safety	Fire	New Outdoor Training Facility	New outdoor training facility to enhance the combat readiness of firefighters	100,000
62	Mid	Public Safety	Fire	Remodel Fire Administration Building	Address necessary renovations of the Fire Administration Building	200,000
63	CW	Infrastructure	TCED	Mobile Stage Set	Mobile stage to be used in Lummus Park and other locations for cultural programming events	500,000
64	South	Infrastructure	TCED	Colony Theater Lobby	Renovate the lobby at the Colony Theater	100,000
65	South	Infrastructure	TCED/MDPL	MDPL Art Deco Museum Expansion	Expand the Miami Design Preservation League Art Deco Museum to build and curate a flexible and dynamic space capable of accommodating different configurations for the permanent collection and temporary exhibits	2,700,000
66	CW	Resiliency	TCED	Resilient Design: Commercial Façade Improvement Program	Program would help Miami Beach businesses prepare and address façade and building systems that can properly anticipate and accommodate future extreme weather patterns and natural events. This incentive program would also encourage businesses to invest in green infrastructure. Qualifying districts would include: Normandy Isle, Washington Avenue, 63-72nd and Collins, 41st Street The City would allot \$5 million dollars per corridor, with grants not exceeding \$200,000 and be structured as a 2:1 match (33% of the value of the grant). <i>Pending legal review to determine eligibility for GO Bond.</i>	20,000,000
67	Mid	Infrastructure	TCED	41st Street Corridor	Commercial revitalization enhancements to the 41st Street corridor from Urban Design Plan	10,000,000

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68	South	Infrastructure	TCED	Washington Ave Corridor	Commercial revitalization enhancements to the Washington Ave corridor from Urban Design Plan	10,000,000
69	CW	Traffic & Mobility	TCED	Digital Signage/Wayfinding	Digital wayfinding pilot program to increase connectivity and pedestrian activity between the Convention Center and Lincoln Road. Program would encourage walking and exploration, and expose visitors and residents to the offerings in this district.	2,250,000
70	South	Infrastructure	TCED/Property Mgmt.	Fillmore Theater Building Renovation	Major renovation of the Fillmore Theater	30,000,000
71	CW	Public Safety	Property Mgmt	Security Cameras in City Facilities	Add security cameras in city facilities to enhance the security in City facilities for all members of the public, employees, and visitors.	15,000,000
72	CW	Infrastructure	Property Mgmt	ADA Accommodation Restroom Renovations Citywide	In order to meet ADA compliance and ensure accessibility for all members of the community, ADA accommodations for restrooms citywide are needed. The following City facilities listed below have restrooms that do not meet ADA compliance and would be renovated in order to meet the requirements: City Hall, Police Headquarters, South Shore Community Center, MBPD Northeast Sub-Station, 555 17th Street, and 140 MacArthur Causeway	2,000,000
73	South	Infrastructure	Property Mgmt	Commission Chambers Remodel	The last full Commission Chamber remodel took place in the 1970s and a full remodel is necessary. The remodel will include the following: replacement of all seating, control room renovation, dais renovation, bathroom renovation for ADA compliance, redistribution of HVAC system, lighting renovation, electrical connections, removal of carpet from walls and floor and install new flooring	850,000
74	South	Infrastructure	Property Mgmt	Monument Restorations	Restoration of monuments that are unique landmarks that pay homage to the City's rich history. Projects would include: <ul style="list-style-type: none"> <li>• Star Island Water Tower \$978K</li> <li>• Palm Island Fountain \$239K</li> <li>• Carl Fisher Memorial \$355K</li> <li>• WW I Memorial \$159K</li> <li>• 41st Street Fountain \$249K</li> <li>• 28 Street Obelisk \$1.5M</li> <li>• Roy Lichtenstein Mermaid \$203K</li> </ul>	3,700,000



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75	CW	Public Safety	Property Mgmt	Fire Station - Garage Doors	All 4 Fire Stations would all receive new, state-of-the-art garage doors that open horizontally rather than vertically. The change in mechanism is quicker and safer, and allows the driver to know the precise second the doorway is clear to exit.	450,000
76	CW	Resiliency	Property Mgmt	Smart Building Automation System	A smart building automation system for City facilities will increase energy efficiency by allowing Property Management to control and monitor the lights and HVAC units of City facilities remotely.	100,000
77	CW	Public Safety	Property Mgmt	Impact Resistent Windows-Citywide	Install impact resistant windows to increase the resiliency, security, and safety of City facilities at the following facilities: <ul style="list-style-type: none"> <li>• 555 Building</li> <li>• PAL</li> <li>• Historic City Hall</li> </ul>	1,300,000
78	CW	Resiliency	Property Mgmt	Roof Mounted Photovoltaic Panels for Park Facilities	Solar panels would ensure that the City is taking steps towards dependency on renewable energy and provide these facilities with the most accessible form of renewable energy available. Facilities would include: <ul style="list-style-type: none"> <li>• Miami Beach Botanical Garden</li> <li>• Police Athletic League</li> <li>• Art Deco Welcome Center</li> </ul>	700,000
79	CW	Public Safety	Property Mgmt	New Smart Access System-Citywide	An independent consultant concluded that the City's current access control is vulnerable to unauthorized access to City facilities. The new Smart Access System will increase overall security throughout City facilities by detecting and preventing potential threats.	1,000,000
80	South	Infrastructure	CIP/Property Mgmt/PW	Lincoln Road Improvements	Refurbishment of Lincoln Road pedestrian mall from Washington Avenue to Lenox Avenue. Consists of new lighting, pedestrian surfaces, street furnishings, tree fertilization systems, milling and resurfacing pavement surfaces, and cross walk enhancements, and utility main replacement. Project currently funded at \$26.8 million.	24,000,000
81	South	Public Safety	Property Mgmt	Lincoln Road Security Improvements	Security improvements on Lincoln Road, including: <ul style="list-style-type: none"> <li>• Permanent Security Bollards \$2.5M</li> <li>• Security Cameras \$300K</li> <li>• Fire Suppression \$200K</li> </ul>	3,000,000
82	CW	Public Safety	Property Mgmt	Citywide Master Key Replacement System	The antiquated metal key system used for interior doors leaves the City vulnerable to loss or theft of metal keys and inefficiencies when trying to identify matching key and lock combinations. A Citywide master key replacement will streamline system and mitigate the City's vulnerability.	3,000,000

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83	CW	Resiliency	Property Mgmt	Resiliency Fund for Buildings	Retrofitting key City facilities with upgrades for energy conservation, efficiency, and resiliency such as LED lighting, polarized window films, sub-metering, occupancy sensors, ultra-low flow plumbing fixtures, and weather strips	2,000,000
84	CW	Parks & Beaches	Property Mgmt	Beachwalk Drainage	Install proper drainage throughout the beachwalk from South Point Park to 46th Street	300,000
85	CW	Infrastructure	Property Mgmt	Roof Replacement for Cultural Facilities	The cultural facilities listed below are in need of roof replacements to avoid water intrusion and other negative impacts. <ul style="list-style-type: none"> <li>• The Bass Museum \$350,000</li> <li>• Miami City Ballet \$670,000</li> <li>• Colony Theater \$210,000</li> </ul>	1,230,000
86	CW	Infrastructure	Property Mgmt	Roof Replacement of Community Centers	Total roof replacements are needed for the North Shore Youth Center, Scott Rakow Youth Center, and the Police Athletic League building.	1,200,000
87	CW	Resiliency	Property Mgmt	Raise Critical Infrastructure per Vulnerability Assessment Tool	Several critical City facilities were not built above grade and as the roads throughout the City begin to be raised, the accessibility to these facilities will be impeded unless addressed. Facilities include: <ul style="list-style-type: none"> <li>• City Hall Complex-777 Building</li> <li>• Police Sub-Station Sailport/South Point</li> <li>• Fire Station #1</li> <li>• Police Parking Garage</li> <li>• City Hall Complex- 1755 Office Building and Garage</li> <li>• Public Works Yard</li> </ul>	7,000,000
88	South	Public Safety	Property Mgmt	Beach Access Gates	Implementing beach access gates at each beach entrance from Government Cut to 15th Street will enhance the City's enforcement of beach closing hours and provide public safety for visitors and residents	300,000
89	CW	Traffic & Mobility	Transportation	Traffic Flow Improvements	Intelligent Transportation System with digital message signs, cameras, and wi-fi connectivity to help improve travel times & Smart Parking System with ability to provide parking spot availability in the City's 10 garages	5,800,000
90	CW	Traffic & Mobility	Transportation	Adaptive Signalization Based on Real Time Traffic Demand	Install Smart Traffic Signal Control technology that changes signal time based on real-time traffic demand along 41st Street, Alton Road, and MacArthur Causeway/5th Street Corridors; Traffic flow improvements from Adaptive Signalization is projected to be less than with ITS/Smart Parking	3,300,000

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#	Location	Category	Department	Project	Description	Amount
91	CW	Traffic & Mobility	Transportation	Protected Bikes Lanes and Shared Bike/Pedestrian Paths	<p>Shared-Use Paths to encourage pedestrian and bicycle transportation</p> <ul style="list-style-type: none"> <li>• Chase Avenue Shared Use Path at MB Golf Course \$830K</li> <li>• Alton Road Off-Road Shared Use Path from Michigan Ave to Chase Ave \$4.63 M</li> <li>• Alton Road Off-Road Shared Use Path from Chase Ave to 43rd Street \$3.63 M</li> <li>• 16th Street Protected Bike Lane \$827K</li> <li>• Dade Blvd Shared Use Path \$460K</li> <li>• 23rd Street Complete Street \$2.7M</li> <li>• 63rd Street Complete Street Phase 1 (without pedestrian bridge) \$4.05M</li> </ul>	17,127,000
92	North	Traffic & Mobility	Transportation	63rd Street Pedestrian Bridge	<ul style="list-style-type: none"> <li>• 63rd Street Complete Street Phase 2 (pedestrian bridge) \$11.9M. The proposed pedestrian bridge is a 2-leaf bascule bridge to allow marine traffic to cross underneath.</li> <li>• Nautilus Traffic Calming &amp; Green Bike Lane (Phase 1B + 2) \$661K</li> <li>• Bayshore Traffic Calming (Phase 1B + 2) \$435K</li> <li>• Speed Limit Reductions for residential neighborhoods Citywide \$320K</li> <li>• Orchard Park Neighborhood Traffic Calming \$1M</li> <li>• Normandy Isle Neighborhood Traffic Calming \$700K</li> <li>• Biscayne Beach Neighborhood Traffic Calming \$400K</li> <li>• Flamingo Park Neighborhood Traffic Calming \$1M</li> <li>• Palm View Neighborhood Traffic Calming \$400K</li> </ul>	11,900,000
93	CW	Traffic & Mobility	Transportation	Neighborhood Traffic Calming and Pedestrian-Friendly Streets	<p>New Greenways that calm traffic, provide shade canopy, and pedestrian enhancements:</p> <ul style="list-style-type: none"> <li>• 81st Street Neighborhood Greenway \$1.77M</li> <li>• 85th Street Neighborhood Greenway \$2.35M</li> <li>• 77/78th Street Neighborhood Greenway \$1.89M</li> <li>• Tatum Waterway Neighborhood Greenway \$2.93M</li> <li>• Byron Avenue Neighborhood Greenway \$1.55M</li> <li>• Bay Drive Neighborhood Greenway \$4.24M</li> <li>• North Bay Road Neighborhood Greenway from Michigan Ave to Chase Ave \$12.2M</li> <li>• 10th Street Greenway \$1.5M</li> </ul> <p>Other Neighborhood Traffic Calming and Pedestrian Friendly Streets will be implemented as part of the Above Ground component of Right of Way Projects</p>	33,346,000

## Potential Projects for the 2018 Bond Program

#	Location	Category	Department	Project	Description	Amount
94	CW	Traffic & Mobility	Transportation	Pedestrian Improvements	<p>Pedestrian Improvements such as Pedestrian Priority Zones in South of 5th Street/Flamingo Park/Entertainment District. This project includes the short, mid, and long term improvements to prioritize pedestrian connectivity and safety such as:</p> <ul style="list-style-type: none"> <li>• Signal Modifications to Benefit Pedestrians</li> <li>• Sidewalk Improvements (Connectivity and Condition)</li> <li>• Landscaping (Shading)</li> <li>• Crosswalk Improvements</li> <li>• Lighting</li> <li>• Speed Calming</li> </ul>	2,200,000
95	CW	Traffic & Mobility	Transportation	Intermodal Facility	Consistent with SMART Plan, new facility to connect Regional Rapid Transit from the mainland over a causeways to the local trolley circulation system	20,000,000
96	Mid	Infrastructure	CIP	Middle Beach Recreational Corridor Phase III	Construction of approximately 6,000 linear feet of an on-grade pedestrian walkway and the demolition of the existing wooden boardwalk, in the middle coastal area of Miami Beach between 23th street to 45th street.	10,500,000
97	North	Infrastructure	TCED/CIP	North Beach Entrance Signs	<ul style="list-style-type: none"> <li>• Harding and 87th St \$1.6M</li> <li>• 71st St/Normandy \$1.1M</li> </ul>	2,700,000
98	North	Infrastructure	CIP	71st Street Bridge	Bridge renovation over the Tatum Waterway	950,000
99	South	Infrastructure	CIP	Palm & Hibiscus Landscaping	Landscaping improvements along Palm Avenue, portions of Fountain Street (not water front), Palm Avenue Median and City Easements.	2,300,000
100	South	Infrastructure	CIP	Ocean Drive Improvement Project	Extend the sidewalk on the west side and reduce east sidewalk by 5 feet; shift over lanes of traffic and provide delineated pavers between vehicular and pedestrian traffic from 5th to 15th Street.	6,345,000
101	Mid	Resiliency	CIP	Utility Undergrounding	<p>50% cost subsidy for utility undergrounding through the creation of special assessment districts at:</p> <ul style="list-style-type: none"> <li>• Alton Road between Michigan Ave and 41st Street</li> <li>• Alton Road between 41st Street and 63rd Street</li> <li>• North Bay Road b/w 44th St and 64th St/Pine Tree Dr Circle</li> </ul> <p>Assumes average of \$30,000 per property; Would not be concurrent with right-of-way improvements due to timing constraints</p>	18,500,000
102	CW	Infrastructure	Public Works	Street Lighting Improvements	Implement Smart City Street Lighting program to address the majority of lighting deficiencies identified by a photometric analysis by increasing lighting levels and using energy efficient LED lights.	50,000,000

### Potential Projects for the 2018 Bond Program

#	Location	Category	Department	Project	Description	Amount
103	CW	Infrastructure	Public Works	Above Ground Improvements	Above ground funding to beautify neighborhood improvements such as lighting, landscaping, and tree canopy as part of the planned Stormwater/Water & Sewer projects	50,000,000
104	South	Infrastructure	Public Works	Flamingo Park Neighborhood Improvements	Above ground funding to beautify the neighborhood improvement project in Flamingo Park such as lighting, landscaping, and tree canopy as part of the planned Stormwater/Water & Sewer projects	20,000,000
105	North	Infrastructure	Public Works	LaGorce Neighborhood Improvements	Above ground funding to beautify neighborhood improvement project in LaGorce Neighborhood from 1999 GO Bond program such as lighting, landscaping, and tree canopy as part of the planned Stormwater/Water & Sewer projects	14,000,000
106	CW	Resiliency	Public Works/Environmental	Resilient Seawalls and Living Shorelines	The majority of the City owned seawalls are in excess of 50 years old. These funds will address rebuilding the walls to a minimum height and incorporate components of natural vegetation and materials.	35,000,000
107	CW	Infrastructure	Public Works	Tree Pit Bonded Aggregate Program	Replace existing tree pit treatments throughout the city to mitigate potential hazards while improving the sustainability of trees and palm in urban environment	2,500,000
108	CW	Infrastructure	Public Works	City Entryway Landscape Improvements and ROW Tree Planting	Redesign and install new, more robust entry way landscaping at all major entrances to the City and all major thoroughfares to reflect the vibrant tropical beauty of our community. Also, install much needed native salt tolerant shade trees in the City's rights-of-way to replace specimens lost during the recent storm, and to increase the City's overall urban tree canopy.	1,200,000
109	CW	Infrastructure	Public Works	Alleyway Restoration Program	Restoration of alleys to improve appearance by resurfacing and pouring new concrete valley gutters	1,200,000
110	CW	Infrastructure	Public Works	Sidewalk Repair Program	Replace 25% of the City's sidewalks that are rated at or below marginal per the Sidewalk Condition Index	13,000,000
111	CW	Infrastructure	Public Works	Street Pavement Program	Enhance the City's pavement condition by providing funding of \$6M annually for five years	30,000,000
112	Mid	Infrastructure	Public Works	Public Works Maintenance Facility	Project pending from 1999 Bond program	2,000,000
113	CW	Infrastructure	Public Works	Pump Station Screening	Beautification for 50 pump stations through screen installations	5,000,000
114	CW	Infrastructure	Public Works	City Wide Bridges Improvements	Repairs of City-owned bridges	2,000,000

### Potential Projects for the 2018 Bond Program

#	Location	Category	Department	Project	Description	Amount
115	CW	Resiliency	Public Works	Neighborhood Projects - Stormwater	Below ground funding to offset the need for future Stormwater rate increases. Improvements include: • Middle North Bay Road • Orchard Park (partial) • North Shore (partial) • South Pointe • Town Center	100,000,000
116	CW	Resiliency	Public Works	Neighborhood Projects - Water and Wastewater	Below ground funding to offset the need for future Water & Wastewater rate increases. Improvements include: • Middle North Bay Road • 1st Street • Lincoln Road Washington to Lennox Utilities • Alton Road Utilities • North Shore • Wastewater Pump Station Rehabilitation • Water and Sewer Lines -Venetian Bridge • City Center • Flamingo • Water Meter Replacement Program	70,000,000
117	CW	Resiliency	Environmental	Resiliency Fund for Parks	Resiliency enhancements such as smart irrigation, smart meters, retention ponds, solar demonstration projects, and living shorelines	17,000,000
118	South	Resiliency	Environmental	Solar Panels	Solar panels for the Botanical Gardens, PAL, and Art Deco Welcome Center	1,000,000
119	CW	Resiliency	Environmental	Green Roofs	Green roofs/rooftop parks for municipal buildings undergoing renovation	500,000
120	CW	Resiliency	Environmental	Street Tree Master Plan	Implement street tree master plan	500,000
121	CW	Resiliency	Environmental	Waterway Restoration	Dredging of waterways, removal of invasives along shorelines, and permitting/trimming of vegetation impacting navigation	25,000,000
122	South	Resiliency	Environmental	Fleet Facility/Eco District	Acquire property, redevelop site to expand city offices, and create "Eco District" with renewable energy facilities (i.e. windmills), and contamination remediation	20,000,000
123	CW	Resiliency	Environmental	Artificial Reef and Resilient Marine Habitat	Sea grass restoration, living shorelines, and other marine habitat creation for the city's first underwater park	20,000,000
<b>TOTAL REQUESTS</b>						<b>1,151,292,600</b>
Infrastructure						299,975,000
Parks & Beaches						95,923,000
Traffic & Mobility						150,966,000
Resiliency						337,300,000
Public Safety						267,128,600
						<b>1,151,292,600</b>