



**CITY OF MANHATTAN BEACH CITY HALL**

1400 Highland Avenue, Manhattan Beach, CA 90266

**WEBSITE:** [www.manhattanbeach.gov](http://www.manhattanbeach.gov) • **PHONE:** (310) 802-5000

**TO:** Honorable Mayor and Members of the City Council

**FROM:** Erick Lee, Public Works Director

**MEETING:** City Council Adjourned Regular Meeting, May 9, 2023

**SUBJECT:** Agenda Item No. 2 – Presentation of the Proposed 5-Year Capital Improvement Program (CIP) for Fiscal Year 2023-2024 Through Fiscal Year 2027-2028

**DATE:** May 8, 2023

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## **SUPPLEMENTAL ATTACHMENTS**

- Proposed 5-Year Capital Improvements Program (CIP) Plan Fiscal Year 2024-2028
- PowerPoint Presentation



**Proposed 5-Year Capital Improvements Program (CIP)  
Plan Fiscal Year (FY) 2024 – FY 2028**

**FY 2024 Proposed Work Plan  
62 Projects**

**CIP Funds**

	<b>Project Title</b>	<b>Total Funding</b>	<b>FY 2024 Completion</b>	<b>Anticipated Project Completion</b>	<b>Project Description</b>
1	Electric Vehicle Chargers at Marine Ave. Park	\$275,000	Close-Out	-	Installation of four EV chargers in the Marine Ave. Park parking lot.
2	Police Facility Flooring Replacement	\$300,000	Close-Out	-	Replace the original carpet in the Police Station to slip-resistant, sound dampening, and water resistant flooring.
3	Deferred Park Maintenance	\$1,000,000	Close-Out	-	Address deferred parks maintenance citywide, which may include fencing, park furnishings and features. The final task list and spending plan is prioritized with the Parks & Recreation Department.
4	Marine Ave. Park Soccer Field Synthetic Turf Replacement	\$400,000	Close-Out	-	Replacement of the synthetic turf soccer field at Marine Ave. Park.

1. Multiple Funding Sources
2. City Council Work Plan Item

Items in red represent modifications made from previously adopted 5-Year CIP.

	<b>Project Title</b>	<b>Total Funding</b>	<b>FY 2024 Completion</b>	<b>Anticipated Project Completion</b>	<b>Project Description</b>
5	Manhattan Heights Park Restroom Building Rehabilitation	\$300,000	Planning/ Design	FY 2025	Rehabilitation of the restroom building at Manhattan Heights Park.
6	Renovation of Employee Lounge in City Hall Basement	\$100,000	Close-Out	-	Renovations to the employee lounge in City Hall.
7	Aquatic Center - Feasibility Study	\$150,000	Close-Out	-	Resulting from the Aquatic Center Survey conducted by the Parks & Recreation Commission, the feasibility study will investigate options for a new aquatic center at or near the current Begg Pool site.
8	Annual ADA Improvements Program (CDBG)	\$550,000	Annual	-	Construct concrete access ramps at various locations throughout the City.
9	City Council Chambers Renovations - Feasibility	\$200,000	Close-Out	-	Feasibility study and evaluation of alternatives for renovation of City Council Chambers in City Hall.
10	Annual Non-Motorized Transport. Program (Bike lanes, crosswalks)	\$592,061	Annual	-	Provision of features to enhance non-motorized modes of transportation such as walking and biking.
11	Begg Field Improvements	\$400,000	Close-Out	-	Perform field improvements and install new back stops at Begg Field.
12	Sand Dune Park Improvements	\$1,200,000	Planning/ Design	FY 2025	Demolish and replace the existing restroom building and other park repairs.

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	<b>Project Title</b>	<b>Total Funding</b>	<b>FY 2024 Completion</b>	<b>Anticipated Project Completion</b>	<b>Project Description</b>
13	Park Improvements Program	\$842,500	Annual	-	Provides design and construction funding based on the established priorities from assessment reports and community needs.
14	Annual Facilities Capital Maintenance Program	\$1,175,534	Annual	-	Repair and refurbish building structures citywide based on the results of the Facilities Condition Assessment and Council direction.
15	City Hall HVAC Replacement	\$319,787	Close-Out	-	Design and construct HVAC improvements to integrate existing dampers into the building's climate control system. Repair, reconfigure, and augment ductwork to provide proper heating and cooling throughout City Hall.
16	National Fitness Campaign (NFC) Equipment Installation	\$172,833	Close-Out	-	Remove existing Polliwog Park fitness station equipment located adjacent to Redondo Ave, and install new National Fitness Campaign (NFC) fitness court equipment. Also included is the construction of nearby ADA sidewalk upgrades.
17	Senior and Scout Community Center Renovation	\$6,591,548	Planning/ Design	FY 2026	Develop, design and construct a new Senior and Scout Community Center in its current location.
18	Ceramics Studio Renovations (Kiln)	\$274,120	Close-Out	-	Install new kiln with shaded structure and associated ADA concrete pathway improvements.

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	<b>Project Title</b>	<b>Total Funding</b>	<b>FY 2024 Completion</b>	<b>Anticipated Project Completion</b>	<b>Project Description</b>
19	City Facility Renovations	\$495,500	Close-Out	-	Design and construction of work space reconfiguration in City Hall and other City facilities for City staff.
20	Citywide Security Cameras	\$3,920,712	Close-Out (Ph 1 & 2)	-	Installation of security cameras at City-owned facilities.
21	Fire Station No. 2 Replacement	\$573,475	Close-Out	-	Design and construct a replacement building for Fire Station No. 2, located at 1400 Manhattan Beach Blvd.

### Streets, Sidewalks, and Right-of-Way Funds

	<b>Project Title</b>	<b>Total Funding</b>	<b>FY 2024 Completion</b>	<b>Anticipated Project Completion</b>	<b>Project Description</b>
22	Ocean Drive Walk Street Crossings	\$500,000	Feasibility/ Outreach	FY 2025	Construct raised or decorative crosswalks on Ocean Drive at walkstreets (25 locations).
23	Annual Citywide Concrete Repair Program	\$2,448,506	Annual	-	Perform concrete roadway and sidewalk repairs throughout the City at locations identified by City staff, property owners, and members of the public.
24	Annual Street Resurfacing Program <sup>1</sup>	\$15,664,263	Annual	-	Mill and overlay pavement surfaces and replace displaced curbs, gutters, and sidewalk.
25	Biennial Slurry Seal Program	\$2,979,402	Biennial	-	Biennial program to slurry seal City's streets.

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26	Triennial Pavement Management System Update	\$160,000	Close-Out	-	Inspection of pavement surfaces to assess condition, prioritize rehabilitation and determine resources required to maintain street pavements in good condition.
27	MBB and Pacific Ave Improvements	\$1,200,000	Planning/ Design	FY 2026	Improve the merging area along MBB at Pacific Avenue, improve safety and provide smoother traffic flow by reconfiguration of the intersection layout to create left-turn pockets for both east/west directions.
28	MBB Complete Streets Corridor - Feasibility/Design	\$400,000	Feasibility/ Outreach	FY 2025	Feasibility study and design of complete streets elements along the Manhattan Beach Boulevard corridor.
29	Annual Citywide Traffic Signal Replacements	\$1,300,000	Annual	-	Design and replace traffic signals and related infrastructure Citywide.
30	ADA Transition Plan within Public Rights of Way	\$15,431	Close-Out	-	Identify all physical barriers that limit accessibility to individuals with disabilities. Outline methods to remove these barriers and an annual schedule to achieve compliance with ADA.
31	Rowell Avenue Sidewalk Gap Closure (Curtis & 1st St.)	\$458,331	Close-Out	-	Installation of a missing sidewalk in front of Pennekamp Elementary requires substantial construction work for ADA compliance, including driveway and landscape/irrigation improvements.

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32	MBB Eastbound Left-Turn Improvement at Aviation Blvd.	\$1,200,000	Bidding/Award	FY 2025	Reconfigure the eastbound left-turn lane on Manhattan Beach Boulevard to northbound Aviation Boulevard to increase the capacity for queuing vehicles to reduce impact on the through lane.
33	Manhattan Beach Advanced Traffic Signal (MBATS) System	\$11,385,653	Bidding/Award	FY 2025	Design and construction of fiber backbone infrastructure that will connect all City-owned signalized intersections with a high-speed fiber network, which support emerging traffic management technologies.
34	Rosecrans Bike Lane Improvements (Partial Grant CPF)	\$1,750,000	Planning/Design	FY 2025	Close gaps in the bike lane from the intersection of Sepulveda Boulevard and Rosecrans Avenue to the connection at the Marvin Braude Bike Trail via Highland Avenue and 45th Street.
35	Aviation Blvd and 33rd Missing Sidewalk (Partial Grant 5310)	\$524,390	Close-Out	-	Install missing link of sidewalk on Aviation near 33rd St. This work includes removal and replacement of significant irrigation/landscaping, regrading, masonry retaining wall, and various improvements to protect existing signs and fencing.
36	MBB and Peck Ave Traffic Signal Improvements	\$416,975	Close-Out	-	Improve safety features by upgrading the existing traffic signal system, adding protected westbound/eastbound left-turn signal phases, and re-profiling the pavement to minimize adverse grade situations.

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37	Joslyn Center Crosswalks	\$200,000	Close-Out	-	Design and construction of ADA compliant ramps, crosswalks, ADA compliant path crossing greenbelt, and rectangular rapid flashing beacons (RRFB) to alert drivers at pedestrian crossings near Joslyn Center.
38	Marine Ave at Cedar Ave Traffic Signal and Int. Improvements (SBHP Grant)	\$346,804	Close-Out	-	Modify the intersection configuration of the southbound approach, install state-of-the-art infrastructure, and coordinate the adjacent intersection signal configuration.
39	MBB and Sepulveda Intersection Improvements	\$1,883,880	Bidding/Award	FY 2026	Improve capacity and safety features by widening the streets, providing dual left-turn pockets in eastbound, northbound and westbound directions, and installing state-of-the-art infrastructure.

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**Parking Fund**

	<b>Project Title</b>	<b>Total Funding</b>	<b>FY 2024 Completion</b>	<b>Anticipated Project Completion</b>	<b>Project Description</b>
40	Way Finding Program - Phase I	\$474,778	Close-Out	-	Uniform sign design to be employed Citywide. Phase I includes parking signage in the Downtown area and all City-owned parking lots.
41	Parking Structure Lot 3 Replacement <sup>2</sup> - Feasibility/Design	\$2,000,000	Feasibility/ Outreach	FY 2025	Analysis and design of a replacement Lot 3 parking structure.

**State Pier and Lot Fund**

	<b>Project Title</b>	<b>Total Funding</b>	<b>FY 2024 Completion</b>	<b>Anticipated Project Completion</b>	<b>Project Description</b>
42	Pier Railing Replacement	\$1,841,496	Close-Out	-	Removal and replacement of the perimeter railings along the Manhattan Beach Pier, entrance gates and beach access staircases. The project will also replace the railings fronting the adjacent State-owned lower Pier parking lots.

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## Stormwater Funds

	Project Title	Total Funding	FY 2024 Completion	Anticipated Project Completion	Project Description
43	Peck Avenue Storm Drain Improvements <sup>1</sup>	\$1,630,000	Planning/ Design	FY 2025	Construct a new storm drain line along 21st Street to the existing storm drains on Meadows Avenue and Peck Avenue.
44	TMDL Trash Treatment	\$1,960,000	Bidding/ Award	FY 2025	Citywide installation of trash capture devices in the storm drain system.
45	28th Street Stormwater Infiltration	\$25,894,539	Bidding/ Award	FY 2026	Divert dry and wet weather flows from an existing storm drain to a new pump station and then through a series of sedimentation chambers and into a gallery of infiltration wells.
46	Beach Cities Green Streets	\$362,500	Bidding/ Award	FY 2025	In conjunction with Hermosa Beach, Redondo Beach, and Torrance, construct a regional stormwater quality improvements project consisting of 13 proposed sites. The scope will include a variety of green street elements such as dry wells, trash capture devices, trees and plants in medians and parkways, permeable pavement, and bio-retention swales.
47	CCTV Storm Drain System	\$150,000	Close-Out	-	Use CCTV to perform an assessment of the City's storm drain system.
48	Annual Storm Drain Repairs	\$3,622,073	Annual	-	Replace various sections of stormwater drain line.

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### Street Light and Landscape Fund

	Project Title	Total Funding	FY 2024 Completion	Anticipated Project Completion	Project Description
49	Annual Streetlight Replacement	\$464,988	Annual	-	Replace the City-owned streetlights and poles as needed citywide.

### Wastewater Fund

	Project Title	Total Funding	FY 2024 Completion	Anticipated Project Completion	Project Description
50	Annual Rehabilitation of Gravity Sewer Mains	\$6,598,124	Annual	-	Rehabilitation or replacement of gravity sewer mains annually throughout the City.
51	Voorhees Lift Station Upgrade	\$4,200,167	Bidding/Award	FY 2025	Expansion of emergency storage wet well, upgrading existing station components (i.e. pumps, electrical, generator, etc.), and new force main installation.
52	Pacific Lift Station Replacement (Gravity Sewer)	\$5,619,309	Bidding/Award	FY 2026	Conversion to gravity line involves demolition of station, install manholes, and 600 feet of microtunneling to LA County Sanitation District sewer line connection at Pacific Ave and Ardmore Ave.

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	<b>Project Title</b>	<b>Total Funding</b>	<b>FY 2024 Completion</b>	<b>Anticipated Project Completion</b>	<b>Project Description</b>
53	Poinsettia Ave Sewer Lift Station and Force Main Replacement	\$3,170,380	Planning/ Design	FY 2027	Construct a new sizeable emergency storage wet well, replacing the existing station and appurtenances, and installing a new force main pipeline.

### Water Fund

	<b>Project Title</b>	<b>Total Funding</b>	<b>FY 2024 Completion</b>	<b>Anticipated Project Completion</b>	<b>Project Description</b>
54	Electronics Automation - SCADA, etc.	\$60,955	Close-Out	-	Automation of water supply equipment and replacement of communications equipment.
55	Generator Upgrades - Well 15 and Block 35	\$500,000	Close-Out (Well 15)	FY 2025	Replace existing generators with new and more efficient models at Well 15 and Block 35.
56	Well Line Replacement on MBB	\$1,600,000	Bidding/ Award	FY 2025	Replacement of the pipeline from Well 15 and 11A in the City of Redondo Beach along Manhattan Beach Boulevard.
57	Duncan Drive and Sepulveda Blvd Fire Flow Improvements	\$530,000	Planning/ Design	FY 2026	Improve the fire flow capabilities on Duncan Drive at Sepulveda Blvd by upsizing the existing 6-inch water pipeline to an 8-inch line and installing a new fire hydrant at the eastern end of Duncan Drive.

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	<b>Project Title</b>	<b>Total Funding</b>	<b>FY 2024 Completion</b>	<b>Anticipated Project Completion</b>	<b>Project Description</b>
58	Block 35 Elevated Tank Improvements	\$50,000	Close-Out	-	Reinstallation of the communication antenna at the Block 35 Elevated Tank, repair of the tank's substructure, and installation of cathodic protection on the intake pipe.
59	Water Meter Upgrade and Automation	\$295,427	Close-Out	-	Labor and materials to retrofit and upgrade the City's 13,300 water meters with radio meters and radio registers, install field radio reading infrastructure, and install needed computer hardware and software.
60	Larsson Street and 2nd Street Booster Station Improvements	\$2,474,410	Bidding/Award	FY 2026	Installation of new motors, pumps, variable speed drives, motor controls, control valves, relief valve, piping, and wiring at the Larsson Street and 2nd Street Water Booster Stations.
61	Peck Reservoir Replacement	\$2,014,665	Close-Out	-	Reconstruct a new 8 million gallon potable water storage reservoir and also reconstruct the booster pump station, operations building, and construct a new groundwater filtration treatment facility.
62	Annual Water Infrastructure Improvements	\$14,430,190	Annual	-	The Water Master Plan lays out the areas for replacement and installation.

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**Proposed 5-Year CIP Plan  
FY 2024 – FY 2028**

**Projects with No Progress Anticipated in FY 2024  
22 Projects**

**CIP Funds**

	<b>Project Title</b>	<b>Total Funding</b>	<b>Anticipated Start</b>	<b>Project Description</b>
63	Gateway and Monument Sign Replacement - Design	\$100,000	FY 2028	Replacement of gateway signs at Manhattan Beach Blvd. and Aviation, Rosecrans and Highland, Ardmore and 2nd Street, and 45th and Highland, and monument signs at City parks and facilities.
64	Way Finding Program - Phase 2 - Design	\$100,000	FY 2028	Uniform sign design to be employed Citywide. Phase 2 includes identity signage on street overhead signs, street posts, and district identity banners.
65	Mariposa Fitness Station Parcourse Equipment Replacement	\$100,000	FY 2028	Replacement of the existing parcourse equipment at the Mariposa Fitness Station, and required ADA upgrades.
66	Sepulveda/Oak Neighborhood Traffic Calming	\$50,000	FY 2025	Installation of traffic calming measures based on the traffic management study funded by the Manhattan Village Shopping Center for the neighborhood west of Sepulveda Boulevard between Rosecrans Avenue and Manhattan Beach Boulevard.

1. Multiple Funding Sources
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	<b>Project Title</b>	<b>Total Funding</b>	<b>Anticipated Start</b>	<b>Project Description</b>
67	City Owned Refuse Enclosures Improvements - Design	\$100,000	FY 2028	Improvements to be made to 18 City-owned refuse enclosures by connecting all enclosures to the sanitary sewer, rebuilding enclosures to a size appropriate for trash, recycling, and green waste cans or bins, painting and installing new hardware.
68	School District Project	\$6,430	-	The City will fund a CIP project for and in partnership with the Manhattan Beach Unified School District. The exact project scope and location will be determined.
69	Solar Power Installation at City Facilities	\$250,000	FY 2026	Installation of solar power systems at City-owned facilities.
70	Polliwog Band Stage - Design (Public Arts Trust Fund)	\$100,000	FY 2025	Design of a permanent band stage in the amphitheater area of Polliwog Park with art elements.
71	Biennial Slurry Seal Program - MBUSD	\$200,000	FY 2025	Slurry seal at MBUSD properties in conjunction with the biennial program to slurry seal City's streets.

### Streets, Sidewalks, and Right-of-Way Funds

	<b>Project Title</b>	<b>Total Funding</b>	<b>Anticipated Start</b>	<b>Project Description</b>
72	MBB Pavement Rehabilitation from Sepulveda Blvd. to Dianthus St.	\$800,000	FY 2026	Design and construct pavement improvements for the segment of Manhattan Beach Boulevard between Sepulveda Boulevard and Dianthus Street.

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**State Pier and Lot Fund**

	<b>Project Title</b>	<b>Total Funding</b>	<b>Anticipated Start</b>	<b>Project Description</b>
73	Pier Structural Inspection Update	\$400,000	FY 2025	Comprehensive structural inspection of the Manhattan Beach pier.

**Stormwater Funds**

	<b>Project Title</b>	<b>Total Funding</b>	<b>Anticipated Start</b>	<b>Project Description</b>
74	Shelley Street Storm Drain Improvements <sup>1</sup>	\$1,930,000	FY 2026	Construction of storm drain piping, and additional catch basins with water quality inserts to improve water quality.
75	Golf Course Storm Drain Lift Station Electrical Upgrades	\$350,000	FY 2025	Procure and replace the electrical elements at the Westdrift Golf Course Storm Drain Lift Station.
76	Storm Drain Capital Best Management Practices (BMPs)	\$1,635,810	FY 2025	Installation of storm drain debris collection devices to prevent trash from entering storm drain pipes.

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## Wastewater Fund

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77	Wastewater Master Plan Update	\$430,000	FY 2025	Last updated in 2010, the Master Plan is a guidance document for infrastructure and operations, the system capacity, and hydraulic assessment citywide. The effort also includes a Rate Study.
78	Bell Lift Station Upgrade	\$1,700,000	FY 2025	Improvement of the Bell Avenue Sewer Lift Station and construction of a 900-foot long force main.
79	Palm Lift Station Upgrade	\$1,800,000	FY 2025	Improvement of the Palm Lift Station and replacement of a 775-foot long force main.
80	Meadows Lift Station Upgrade	\$1,600,000	FY 2025	Improvement of the Meadows Avenue Sewer Lift Station and installation of a second force main.

## Water Fund

	Project Title	Total Funding	Anticipated Start	Project Description
81	El Porto Water Infrastructure Improvements - Phase 2 - Design	\$200,000	FY 2028	Phase 2 proposes the enlargement of the current 8-inch to 12-inch main pipeline along 38th and Crest Dr, stretching from Highland Ave to 45th St. The implementation of this phase will lead to a notable reduction in water age at 45th St and 44th St.
82	Water Master Plan Update	\$180,000	FY 2025	Update to the water system model to calibrate for the return of Peck Reservoir into service and updated rate study.

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83	El Porto Water Infrastructure Improvements - Phase 1	\$4,600,000	FY 2026	Phase 1 includes the construction of a 12-inch pipeline parallel to the existing 8-inch pipeline along Rosecrans Ave from Sepulveda Blvd to Highland Ave and along Highland Ave to 38th St.
84	Block 35 Ground Level Reservoir Replacement - Design	\$1,200,000	FY 2027	Design of a potential new, larger capacity water reservoir at Block 35.

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# Proposed 5-Year Capital Improvement Program FY 2023/24-2027/28

May 9, 2023 Budget Study Session



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# Completed Projects in FY 22/23

1. Sepulveda Bridge Widening Project
2. Polliwog Lower Playground Replacement Project
3. Manhattan Village Senior Villas ADA Pathway Project
4. Biennial Slurry Seal Project in the North Sand Section
5. Sand Dune Park Restoration Project
6. Annual Water Infrastructure Improvements Project – Cycle 1
7. City Hall HVAC Project – Phase 1
8. Annual Concrete Repairs Project – Cycle 1
9. Parking Structure Lot 3 Seismic Analysis Update
10. Water Reservoir and Begg Field Improvements as part of the Peck Reservoir Replacement Project
11. Automated Water Meter Installations Project
12. Annual Sewer Infrastructure Improvements Project – Cycle 2
13. Utility Undergrounding Assessment District 4



Approximate Total Cost  
**\$71,500,000**



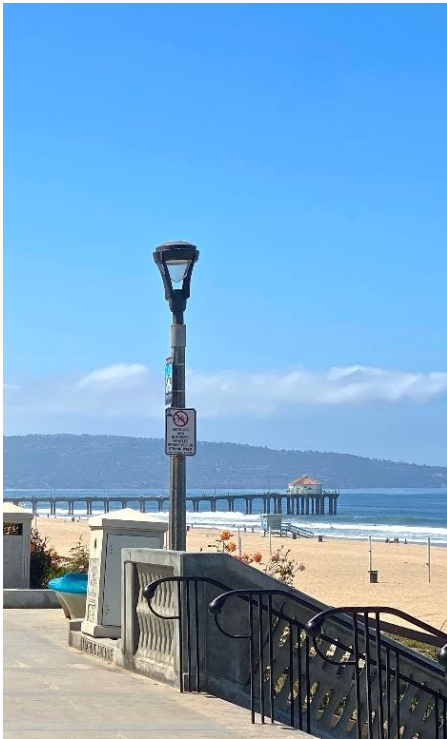
CITY OF  
**MANHATTAN BEACH**

PROPOSED 5-YEAR CAPITAL IMPROVEMENT PROGRAM  
**MAY 9, 2023**

**2**

# Follow-Up on Council Inquiries

- LED Streetlights
- Feasibility of solar panels at Peck Reservoir



# FY 2024 Proposed Work Plan

May 9, 2023 Budget Study Session



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# Phases of a CIP Project



# FY 2024 Proposed Work Plan

## CIP Funds

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2	Police Facility Flooring Replacement	\$300,000	Close-Out	-	Replace the original carpet in the Police Station to slip-resistant, sound dampening, and water resistant flooring.
3	Deferred Park Maintenance	\$1,000,000	Close-Out	-	Address deferred parks maintenance citywide, which may include fencing, park furnishings and features. The final task list and spending plan is prioritized with the Parks & Recreation Department.
4	Marine Ave. Park Soccer Field Synthetic Turf Replacement	\$400,000	Close-Out	-	Replacement of the synthetic turf soccer field at Marine Ave. Park.



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## CIP Funds

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6	Renovation of Employee Lounge in City Hall Basement	\$100,000	Close-Out	-	Renovations to the employee lounge in City Hall.
7	Aquatic Center - Feasibility Study	\$150,000	Close-Out	-	Resulting from the Aquatic Center Survey conducted by the Parks & Recreation Commission, the feasibility study will investigate options for a new aquatic center at or near the current Begg Pool site.
8	Annual ADA Improvements Program (CDBG)	\$550,000	Annual	-	Construct concrete access ramps at various locations throughout the City.
9	City Council Chambers Renovations - Feasibility	\$200,000	Close-Out	-	Feasibility study and evaluation of alternatives for renovation of City Council Chambers in City Hall.
10	Annual Non-Motorized Transport. Program (Bike lanes, crosswalks)	\$592,061	Annual	-	Provision of features to enhance non-motorized modes of transportation such as walking and biking.
11	Begg Field Improvements	\$400,000	Close-Out	-	Perform field improvements and install new back stops at Begg Field.
12	Sand Dune Park Improvements	\$1,200,000	Planning/ Design	FY 2025	Demolish and replace the existing restroom building and other park repairs.



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18	Ceramics Studio Renovations (Kiln)	\$274,120	Close-Out	-	Install new kiln with shaded structure and associated ADA concrete pathway improvements.



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20	Citywide Security Cameras	\$3,920,712	Close-Out (Ph 1 & 2)	-	Installation of security cameras at City-owned facilities.
21	Fire Station No. 2 Replacement	\$573,475	Close-Out	-	Design and construct a replacement building for Fire Station No. 2, located at 1400 Manhattan Beach Blvd.

## Streets, Sidewalks, and Right-of-Way Funds

	Project Title	Total Funding	FY 2024 Completion	Anticipated Project Completion	Project Description
22	Ocean Drive Walk Street Crossings	\$500,000	Feasibility/ Outreach	FY 2025	Construct raised or decorative crosswalks on Ocean Drive at walkstreets (25 locations).
23	Annual Citywide Concrete Repair Program	\$2,448,506	Annual	-	Perform concrete roadway and sidewalk repairs throughout the City at locations identified by City staff, property owners, and members of the public.
24	Annual Street Resurfacing Program <sup>1</sup>	\$15,664,263	Annual	-	Mill and overlay pavement surfaces and replace displaced curbs, gutters, and sidewalk.
25	Biennial Slurry Seal Program	\$2,979,402	Biennial	-	Biennial program to slurry seal City's streets.



# FY 2024 Proposed Work Plan

## Streets, Sidewalks, and Right-of-Way Funds

	Project Title	Total Funding	FY 2024 Completion	Anticipated Project Completion	Project Description
26	Triennial Pavement Management System Update	\$160,000	Close-Out	-	Inspection of pavement surfaces to assess condition, prioritize rehabilitation and determine resources required to maintain street pavements in good condition.
27	MBB and Pacific Ave Improvements	\$1,200,000	Planning/ Design	FY 2026	Improve the merging area along MBB at Pacific Avenue, improve safety and provide smoother traffic flow by reconfiguration of the intersection layout to create left-turn pockets for both east/west directions.
28	MBB Complete Streets Corridor - Feasibility/Design	\$400,000	Feasibility/ Outreach	FY 2025	Feasibility study and design of complete streets elements along the Manhattan Beach Boulevard corridor.
29	Annual Citywide Traffic Signal Replacements	\$1,300,000	Annual	-	Design and replace traffic signals and related infrastructure Citywide.
30	ADA Transition Plan within Public Rights of Way	\$15,431	Close-Out	-	Identify all physical barriers that limit accessibility to individuals with disabilities. Outline methods to remove these barriers and an annual schedule to achieve compliance with ADA.
31	Rowell Avenue Sidewalk Gap Closure (Curtis & 1st St.)	\$458,331	Close-Out	-	Installation of a missing sidewalk in front of Pennekamp Elementary requires substantial construction work for ADA compliance, including driveway and landscape/irrigation improvements.



# FY 2024 Proposed Work Plan

## Streets, Sidewalks, and Right-of-Way Funds

	Project Title	Total Funding	FY 2024 Completion	Anticipated Project Completion	Project Description
32	MBB Eastbound Left-Turn Improvement at Aviation Blvd.	\$1,200,000	Bidding/Award	FY 2025	Reconfigure the eastbound left-turn lane on Manhattan Beach Boulevard to northbound Aviation Boulevard to increase the capacity for queuing vehicles to reduce impact on the through lane.
33	Manhattan Beach Advanced Traffic Signal (MBATS) System	\$11,385,653	Bidding/Award	FY 2025	Design and construction of fiber backbone infrastructure that will connect all City-owned signalized intersections with a high-speed fiber network, which support emerging traffic management technologies.
34	Rosecrans Bike Lane Improvements (Partial Grant CPF)	\$1,750,000	Planning/Design	FY 2025	Close gaps in the bike lane from the intersection of Sepulveda Boulevard and Rosecrans Avenue to the connection at the Marvin Braude Bike Trail via Highland Avenue and 45th Street.
35	Aviation Blvd and 33rd Missing Sidewalk (Partial Grant 5310)	\$524,390	Close-Out	-	Install missing link of sidewalk on Aviation near 33rd St. This work includes removal and replacement of significant irrigation/landscaping, regrading, masonry retaining wall, and various improvements to protect existing signs and fencing.
36	MBB and Peck Ave Traffic Signal Improvements	\$416,975	Close-Out	-	Improve safety features by upgrading the existing traffic signal system, adding protected westbound/eastbound left-turn signal phases, and re-profiling the pavement to minimize adverse grade situations.



# FY 2024 Proposed Work Plan

## Streets, Sidewalks, and Right-of-Way Funds

	Project Title	Total Funding	FY 2024 Completion	Anticipated Project Completion	Project Description
37	Joslyn Center Crosswalks	\$200,000	Close-Out	-	Design and construction of ADA compliant ramps, crosswalks, ADA compliant path crossing greenbelt, and rectangular rapid flashing beacons (RRFB) to alert drivers at pedestrian crossings near Joslyn Center.
38	Marine Ave at Cedar Ave Traffic Signal and Int. Improvements (SBHP Grant)	\$346,804	Close-Out	-	Modify the intersection configuration of the southbound approach, install state-of-the-art infrastructure, and coordinate the adjacent intersection signal configuration.
39	MBB and Sepulveda Intersection Improvements	\$1,883,880	Bidding/Award	FY 2026	Improve capacity and safety features by widening the streets, providing dual left-turn pockets in eastbound, northbound and westbound directions, and installing state-of-the-art infrastructure.





# FY 2024 Proposed Work Plan

## Parking Fund

	Project Title	Total Funding	FY 2024 Completion	Anticipated Project Completion	Project Description
40	Way Finding Program - Phase I	\$474,778	Close-Out	-	Uniform sign design to be employed Citywide. Phase I includes parking signage in the Downtown area and all City-owned parking lots.
41	Parking Structure Lot 3 Replacement <sup>2</sup> - Feasibility/Design	\$2,000,000	Feasibility/ Outreach	FY 2025	Analysis and design of a replacement Lot 3 parking structure.

## State Pier and Lot Fund

	Project Title	Total Funding	FY 2024 Completion	Anticipated Project Completion	Project Description
42	Pier Railing Replacement	\$1,841,496	Close-Out	-	Removal and replacement of the perimeter railings along the Manhattan Beach Pier, entrance gates and beach access staircases. The project will also replace the railings fronting the adjacent State-owned lower Pier parking lots.



# FY 2024 Proposed Work Plan

## Stormwater Funds

	Project Title	Total Funding	FY 2024 Completion	Anticipated Project Completion	Project Description
43	Peck Avenue Storm Drain Improvements <sup>1</sup>	\$1,630,000	Planning/ Design	FY 2025	Construct a new storm drain line along 21st Street to the existing storm drains on Meadows Avenue and Peck Avenue.
44	TMDL Trash Treatment	\$1,960,000	Bidding/ Award	FY 2025	Citywide installation of trash capture devices in the storm drain system.
45	28th Street Stormwater Infiltration	\$25,894,539	Bidding/ Award	FY 2026	Divert dry and wet weather flows from an existing storm drain to a new pump station and then through a series of sedimentation chambers and into a gallery of infiltration wells.
46	Beach Cities Green Streets	\$362,500	Bidding/ Award	FY 2025	In conjunction with Hermosa Beach, Redondo Beach, and Torrance, construct a regional stormwater quality improvements project consisting of 13 proposed sites. The scope will include a variety of green street elements such as dry wells, trash capture devices, trees and plants in medians and parkways, permeable pavement, and bio-retention swales.
47	CCTV Storm Drain System	\$150,000	Close-Out	-	Use CCTV to perform an assessment of the City's storm drain system.
48	Annual Storm Drain Repairs	\$3,622,073	Annual	-	Replace various sections of stormwater drain line.



# FY 2024 Proposed Work Plan

## Street Light and Landscape Fund

	Project Title	Total Funding	FY 2024 Completion	Anticipated Project Completion	Project Description
49	Annual Streetlight Replacement	\$464,988	Annual	-	Replace the City-owned streetlights and poles as needed citywide.

## Wastewater Fund

	Project Title	Total Funding	FY 2024 Completion	Anticipated Project Completion	Project Description
50	Annual Rehabilitation of Gravity Sewer Mains	\$6,598,124	Annual	-	Rehabilitation or replacement of gravity sewer mains annually throughout the City.
51	Voorhees Lift Station Upgrade	\$4,200,167	Bidding/Award	FY 2025	Expansion of emergency storage wet well, upgrading existing station components (i.e. pumps, electrical, generator, etc.), and new force main installation.
52	Pacific Lift Station Replacement (Gravity Sewer)	\$5,619,309	Bidding/Award	FY 2026	Conversion to gravity line involves demolition of station, install manholes, and 600 feet of microtunneling to LA County Sanitation District sewer line connection at Pacific Ave and Ardmore Ave.



# FY 2024 Proposed Work Plan

## Wastewater Fund

	Project Title	Total Funding	FY 2024 Completion	Anticipated Project Completion	Project Description
53	Poinsettia Ave Sewer Lift Station and Force Main Replacement	\$3,170,380	Planning/ Design	FY 2027	Construct a new sizeable emergency storage wet well, replacing the existing station and appurtenances, and installing a new force main pipeline.

## Water Fund

	Project Title	Total Funding	FY 2024 Completion	Anticipated Project Completion	Project Description
54	Electronics Automation - SCADA, etc.	\$60,955	Close-Out	-	Automation of water supply equipment and replacement of communications equipment.
55	Generator Upgrades - Well 15 and Block 35	\$500,000	Close-Out (Well 15)	FY 2025	Replace existing generators with new and more efficient models at Well 15 and Block 35.
56	Well Line Replacement on MBB	\$1,600,000	Bidding/ Award	FY 2025	Replacement of the pipeline from Well 15 and 11A in the City of Redondo Beach along Manhattan Beach Boulevard.
57	Duncan Drive and Sepulveda Blvd Fire Flow Improvements	\$530,000	Planning/ Design	FY 2026	Improve the fire flow capabilities on Duncan Drive at Sepulveda Blvd by upsizing the existing 6-inch water pipeline to an 8-inch line and installing a new fire hydrant at the eastern end of Duncan Drive.



# FY 2024 Proposed Work Plan

## Water Fund

	Project Title	Total Funding	FY 2024 Completion	Anticipated Project Completion	Project Description
58	Block 35 Elevated Tank Improvements	\$50,000	Close-Out	-	Reinstallation of the communication antenna at the Block 35 Elevated Tank, repair of the tank's substructure, and installation of cathodic protection on the intake pipe.
59	Water Meter Upgrade and Automation	\$295,427	Close-Out	-	Labor and materials to retrofit and upgrade the City's 13,300 water meters with radio meters and radio registers, install field radio reading infrastructure, and install needed computer hardware and software.
60	Larsson Street and 2nd Street Booster Station Improvements	\$2,474,410	Bidding/Award	FY 2026	Installation of new motors, pumps, variable speed drives, motor controls, control valves, relief valve, piping, and wiring at the Larsson Street and 2nd Street Water Booster Stations.
61	Peck Reservoir Replacement	\$2,014,665	Close-Out	-	Reconstruct a new 8 million gallon potable water storage reservoir and also reconstruct the booster pump station, operations building, and construct a new groundwater filtration treatment facility.
62	Annual Water Infrastructure Improvements	\$14,430,190	Annual	-	The Water Master Plan lays out the areas for replacement and installation.



# Projects with No Progress Anticipated in FY 2024

May 9, 2023 Budget Study Session



\*Note: This PowerPoint presentation is intended solely as a visual aid to an oral staff presentation of an agenda report topic. In the event of any differences between the presentation and the agenda report, the information in the agenda report prevails.\*

# Projects with No Progress Anticipated in FY 2024

## CIP Funds

	Project Title	Total Funding	Anticipated Start	Project Description
63	Gateway and Monument Sign Replacement - Design	\$100,000	FY 2028	Replacement of gateway signs at Manhattan Beach Blvd. and Aviation, Rosecrans and Highland, Ardmore and 2nd Street, and 45th and Highland, and monument signs at City parks and facilities.
64	Way Finding Program - Phase 2 - Design	\$100,000	FY 2028	Uniform sign design to be employed Citywide. Phase 2 includes identity signage on street overhead signs, street posts, and district identity banners.
65	Mariposa Fitness Station Parcourse Equipment Replacement	\$100,000	FY 2028	Replacement of the existing parcourse equipment at the Mariposa Fitness Station, and required ADA upgrades.
66	Sepulveda/Oak Neighborhood Traffic Calming	\$50,000	FY 2025	Installation of traffic calming measures based on the traffic management study funded by the Manhattan Village Shopping Center for the neighborhood west of Sepulveda Boulevard between Rosecrans Avenue and Manhattan Beach Boulevard.



# Projects with No Progress Anticipated in FY 2024

## CIP Funds

	Project Title	Total Funding	Anticipated Start	Project Description
67	City Owned Refuse Enclosures Improvements - Design	\$100,000	FY 2028	Improvements to be made to 18 City-owned refuse enclosures by connecting all enclosures to the sanitary sewer, rebuilding enclosures to a size appropriate for trash, recycling, and green waste cans or bins, painting and installing new hardware.
68	School District Project	\$6,430	-	The City will fund a CIP project for and in partnership with the Manhattan Beach Unified School District. The exact project scope and location will be determined.
69	Solar Power Installation at City Facilities	\$250,000	FY 2026	Installation of solar power systems at City-owned facilities.
70	Polliwog Band Stage - Design (Public Arts Trust Fund)	\$100,000	FY 2025	Design of a permanent band stage in the amphitheater area of Polliwog Park with art elements.
71	Biennial Slurry Seal Program - MBUSD	\$200,000	FY 2025	Slurry seal at MBUSD properties in conjunction with the biennial program to slurry seal City's streets.

## Streets, Sidewalks, and Right-of-Way Funds

	Project Title	Total Funding	Anticipated Start	Project Description
72	MBB Pavement Rehabilitation from Sepulveda Blvd. to Dianthus St.	\$800,000	FY 2026	Design and construct pavement improvements for the segment of Manhattan Beach Boulevard between Sepulveda Boulevard and Dianthus Street.





# Projects with No Progress Anticipated in FY 2024

## State Pier and Lot Fund

	Project Title	Total Funding	Anticipated Start	Project Description
73	Pier Structural Inspection Update	\$400,000	FY 2025	Comprehensive structural inspection of the Manhattan Beach pier.

## Stormwater Funds

	Project Title	Total Funding	Anticipated Start	Project Description
74	Shelley Street Storm Drain Improvements <sup>1</sup>	\$1,930,000	FY 2026	Construction of storm drain piping, and additional catch basins with water quality inserts to improve water quality.
75	Golf Course Storm Drain Lift Station Electrical Upgrades	\$350,000	FY 2025	Procure and replace the electrical elements at the Westdrift Golf Course Storm Drain Lift Station.
76	Storm Drain Capital Best Management Practices (BMPs)	\$1,635,810	FY 2025	Installation of storm drain debris collection devices to prevent trash from entering storm drain pipes.



# Projects with No Progress Anticipated in FY 2024

## Wastewater Fund

	Project Title	Total Funding	Anticipated Start	Project Description
77	Wastewater Master Plan Update	\$430,000	FY 2025	Last updated in 2010, the Master Plan is a guidance document for infrastructure and operations, the system capacity, and hydraulic assessment citywide. The effort also includes a Rate Study.
78	Bell Lift Station Upgrade	\$1,700,000	FY 2025	Improvement of the Bell Avenue Sewer Lift Station and construction of a 900-foot long force main.
79	Palm Lift Station Upgrade	\$1,800,000	FY 2025	Improvement of the Palm Lift Station and replacement of a 775-foot long force main.
80	Meadows Lift Station Upgrade	\$1,600,000	FY 2025	Improvement of the Meadows Avenue Sewer Lift Station and installation of a second force main.

## Water Fund

	Project Title	Total Funding	Anticipated Start	Project Description
81	El Porto Water Infrastructure Improvements - Phase 2 - Design	\$200,000	FY 2028	Phase 2 proposes the enlargement of the current 8-inch to 12-inch main pipeline along 38th and Crest Dr, stretching from Highland Ave to 45th St. The implementation of this phase will lead to a notable reduction in water age at 45th St and 44th St.
82	Water Master Plan Update	\$180,000	FY 2025	Update to the water system model to calibrate for the return of Peck Reservoir into service and updated rate study.



# Projects with No Progress Anticipated in FY 2024

## Water Fund

	Project Title	Total Funding	Anticipated Start	Project Description
83	El Porto Water Infrastructure Improvements - Phase 1	\$4,600,000	FY 2026	Phase 1 includes the construction of a 12-inch pipeline parallel to the existing 8-inch pipeline along Rosecrans Ave from Sepulveda Blvd to Highland Ave and along Highland Ave to 38th St.
84	Block 35 Ground Level Reservoir Replacement - Design	\$1,200,000	FY 2027	Design of a potential new, larger capacity water reservoir at Block 35.



# 5-Year CIP Snapshot

\$49,345,135

Previously Appropriated

\$49,187,811

FY 2023/24 Request

\$61,910,000

Future Appropriations  
(Fiscal Years 2-5)



TOTAL Proposed 5-Year  
CIP

84 Projects

**\$160,442,946**



# Staff Recommendation

Staff recommends that City Council receive a presentation on the Proposed 5-Year Capital Improvement Program (CIP) Plan for FY2023-2024 through FY2027-2028 and:

1. Review the Proposed 5-Year CIP projects listed in the attachments; and
2. Direct staff to revise the 5-Year CIP based on any changes or modifications requested by City Council; or
3. Approve the 5-Year CIP projects list as presented.

