

City of Manhattan Beach **Capital Improvement Plan FY2023-2027** **Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Streetlight Fund

Carryover Project #: ST20101

Original Funding Year: 2019-20

General Plan Element Goals: I-1, I-2

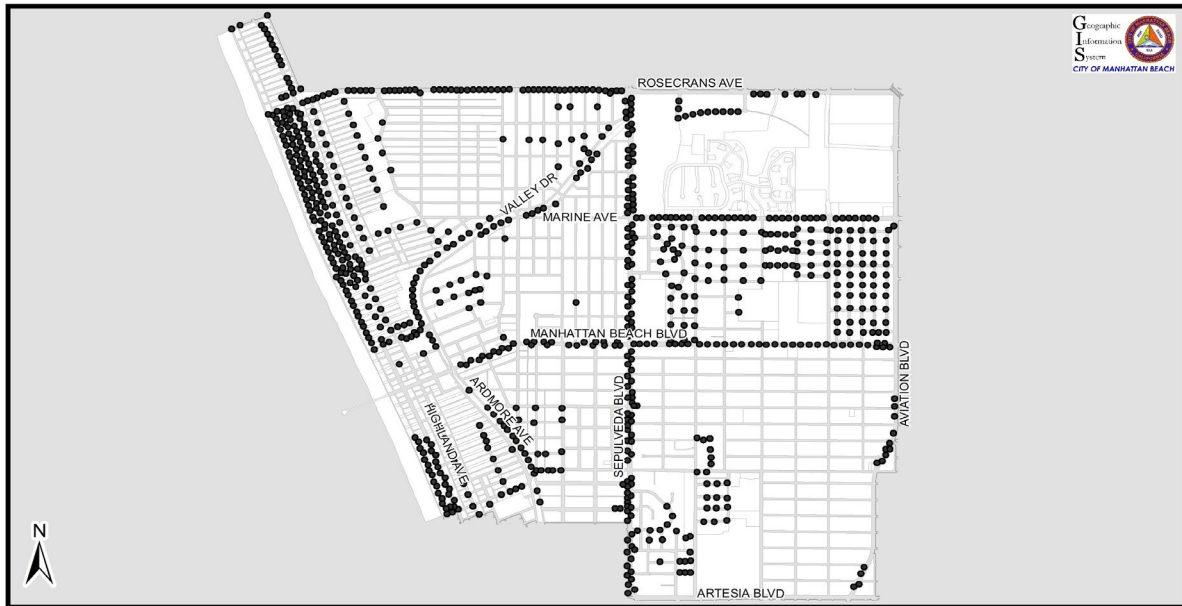
Project Title: Annual Streetlight Replacement (Streetlight Fund)

Description: Replace the City-owned streetlights and poles as needed citywide.

Justification: The City purchased the streetlights and poles from Southern California Edison, and the replacement is included as part of the City's infrastructure capital plan.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
Streetlight Fund		\$ 44,989	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 219,989
TOTAL		\$ 44,989	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 219,989

Location Map:



City of Manhattan Beach Capital Improvement Plan FY2023-2027 Summary Sheets

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Street & Highways

Carryover Project #: ST16108

Original Funding Year: 2015-16

General Plan Element Goals: I-1, I-6

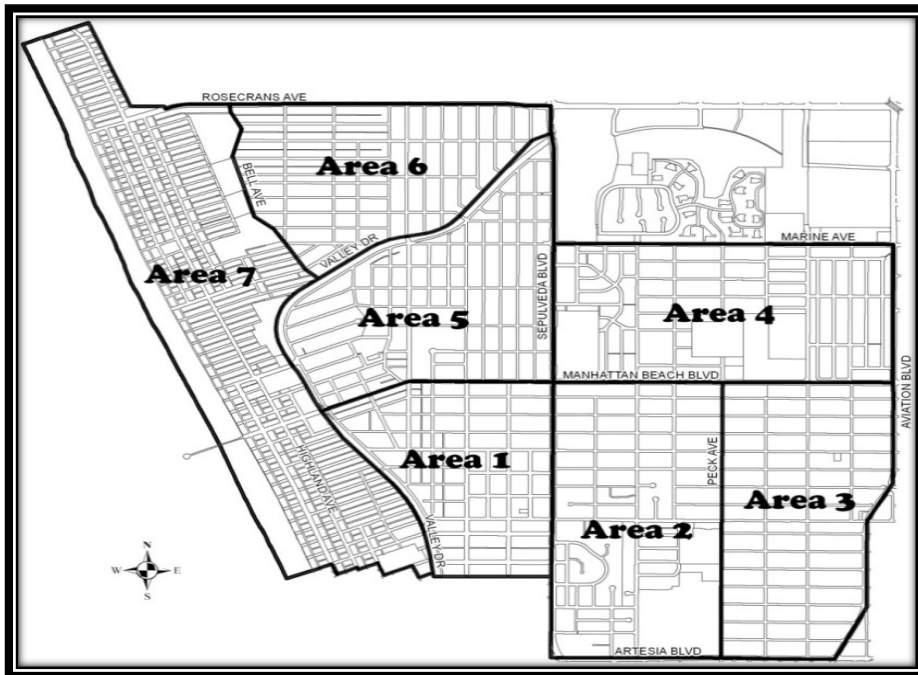
Project Title: Annual Citywide Concrete Repairs Program

Description: This annual program is designed to perform Citywide concrete repairs and improvements in advance of slurry sealing projects. For the Slurry Seal projects, a different area is addressed biannually so that the entire City is improved. Curb ramps are also installed or updated as needed to comply with the Americans with Disabilities Act.

Justification: Tree roots and soil settlement cause displacement of curbs gutters and sidewalks. This project will eliminate displacements and gutter ponding, non-compliant curb ramps, and improve concrete deteriorated streets.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Streets & Highway	\$ 286,012	\$ 365,000	\$ 365,000	\$ 365,000	\$ 365,000	\$ 365,000	\$ 2,111,012
	TOTAL	\$ 286,012	\$ 365,000	\$ 365,000	\$ 365,000	\$ 365,000	\$ 365,000	\$ 2,111,012

Location Map:



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☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Multiple Funds

Street & Highway, & CDBG

Carryover Project #: ST19104, ST19204

CIP Fund

Original Funding Year: 2018-19

General Plan Element Goals: LU-3, LU-4, I-1, I-6, HE-3, CR-1 & CS-1

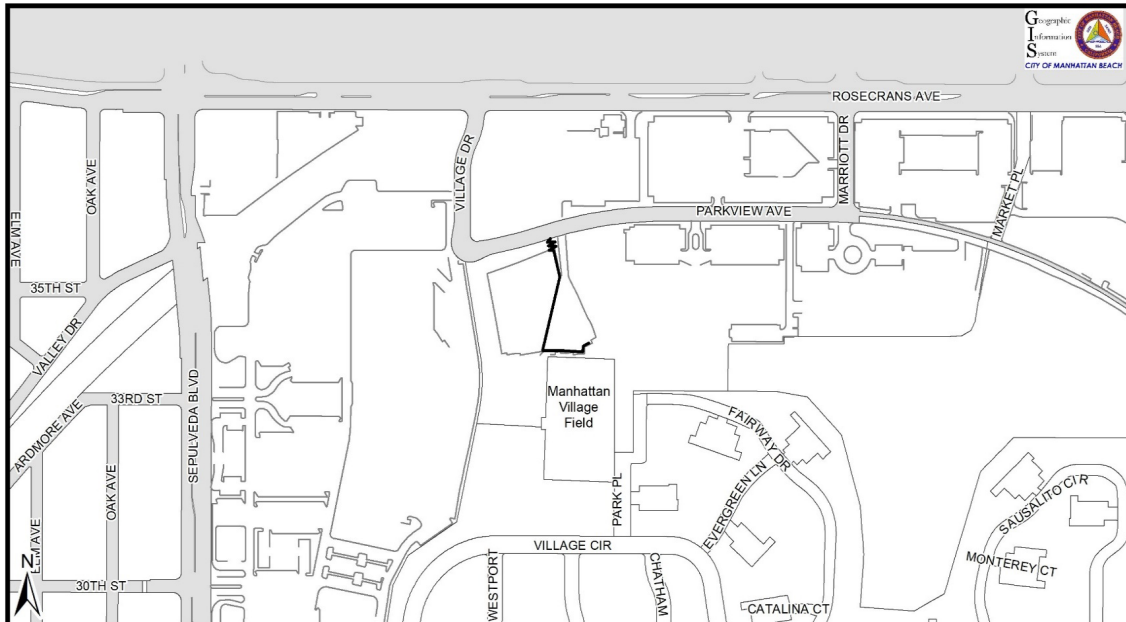
Project Title: Manhattan Village Field Senior Villas ADA Pathway - Construction (Street & Highway, CDBG)

Description: Installing ADA pathway to connect pedestrian walkways on Parkview Avenue to the Manhattan Beach Village Field and Senior Villas.

Justification: The existing driveway to the Manhattan Beach Village Field, Senior Villas and City Public Park currently lacks an ADA accessible pedestrian pathway connecting to the public street sidewalk on Parkview Ave. This project will construct an ADA compliant pathway connecting the Village Field, Senior Villas and the City Public Park to the public sidewalk located on Parkview Ave.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Streets & Highway	\$ 138,150	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 138,150
	CIP Fund	\$ 660,895	\$ 50,000.00	-	-	-	-	\$ 710,895
	CDBG Funds	\$ 2,190	-	-	-	-	-	\$ 2,190
	TOTAL	\$ 801,235	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 851,235

Location Map:



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- ☐ New Project (Funding identified, not yet appropriated)
- ☐ Unfunded Project (Funding not available at this time)

Funding Source: Street & Highways

Carryover Project #: ST16102

Original Funding Year: 2015-16

General Plan Element Goals: I-1

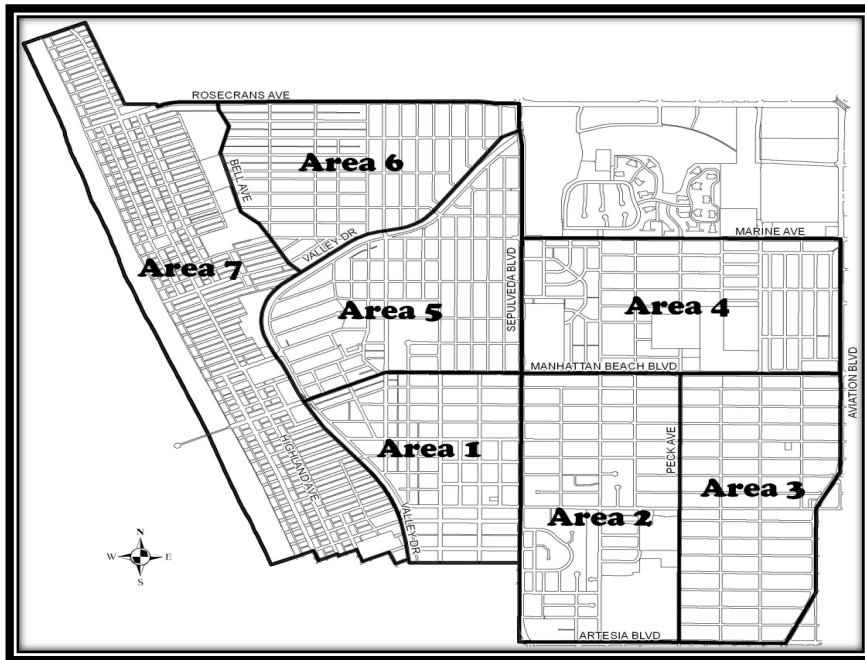
Project Title: Biennial Slurry Seal Program

Description: Biennial program to slurry seal City's streets.

Justification: The slurry seal process works to protect and prolong the life of City streets. This cost is dependent upon oil prices and is adjusted based upon current cost data. The program reflects a continuation of the City's policy to slurry seal streets on a seven area cycle.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Street & Highways	\$ 4,045	\$ 800,000	-	\$ 800,000	-	\$ 800,000	\$ 2,404,045
	TOTAL	\$ 4,045	\$ 800,000	\$ -	\$ 800,000	\$ -	\$ 800,000	\$ 2,404,045

Location Map:



City of Manhattan Beach Capital Improvement Plan FY2023-2027 Summary Sheets

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- ☒ Carryover Project (Received previous appropriation)
- ☐ New Project (Funding identified, not yet appropriated)
- ☐ Unfunded Project (Funding not available at this time)

Funding Source: Multiple Funds

Carryover Project #: ST19102, ST19105

Original Funding Year: 2018-19

General Plan Element Goals: I-1, I-2, I-2.3, I-6

Sts Hwys Fund, Prop C,

Msr R & Msr M

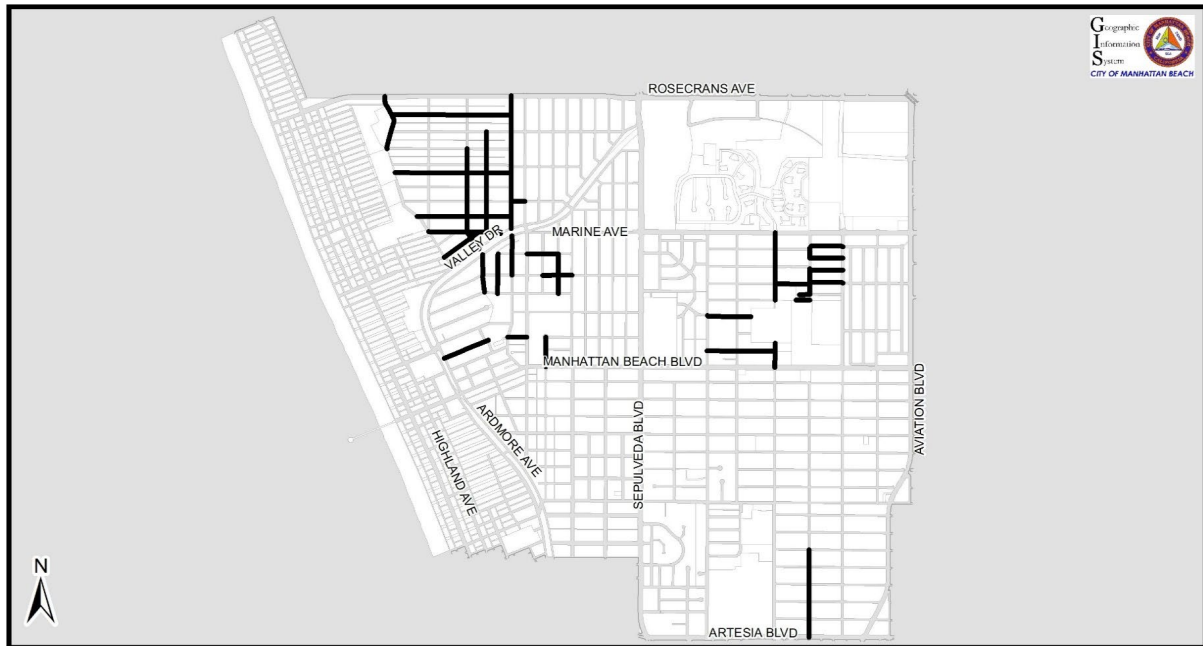
Project Title: Annual Street Resurfacing Program

Description: The project will mill and overlay the pavement surface and replace displaced curbs, gutters, and sidewalk.

Justification: Locations are determined through the Triennial Pavement Management (TPM) System update. The TPM is an inspection of pavement surfaces to assess condition, prioritize rehabilitation and determine resources required to maintain street pavements in good condition. Rather than assign individual project numbers to each resurfacing location, this project number represents all future resurfacing projects.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Streets & Hwy Fund	\$ 774,191	\$ 350,000	\$ 650,000	\$ 350,000	\$ 650,000	\$ 350,000	\$ 3,124,191
	Prop C	\$ 611,589	\$ 1,200,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 4,811,589
	Measure R	\$ 330,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,830,000
	Measure M	\$ 600,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 3,100,000
	TOTAL	\$ 2,315,780	\$ 2,550,000	\$ 2,400,000	\$ 2,100,000	\$ 2,400,000	\$ 2,100,000	\$ 13,865,780

Location Map:



**City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Street & Highways

Carryover Project #: ST21101

Original Funding Year: 2016-17

General Plan Element Goals: I-1

Project Title: Triennial Pavement Management System Update

Description: Inspection of pavement surfaces to assess condition, prioritize rehabilitation and determine resources required to maintain street pavements in good condition.

Justification: State, federal, and county regulations require that cities maintain a pavement management system. A pavement management system is a management tool to assist in the development of efficient pavement maintenance and rehabilitation programs. The City is required to inspect pavement condition on a triennial basis. The most recent update was completed in FY20/21. The evaluations will update pavement condition for all streets in the City except Sepulveda Boulevard which is a State Highway.

**Project Cost
Information:**

Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
Streets & Hwy Fund	-	-	\$ 80,000	-	-	\$ 80,000	\$ 160,000
TOTAL	\$ -	\$ -	\$ 80,000	\$ -	\$ -	\$ 80,000	\$ 160,000

**Location
Map:**

No map, system update

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☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Street & Highways

Carryover Project #: ST16104

Original Funding Year: 2015-16

General Plan Element Goals: I-1, I-2

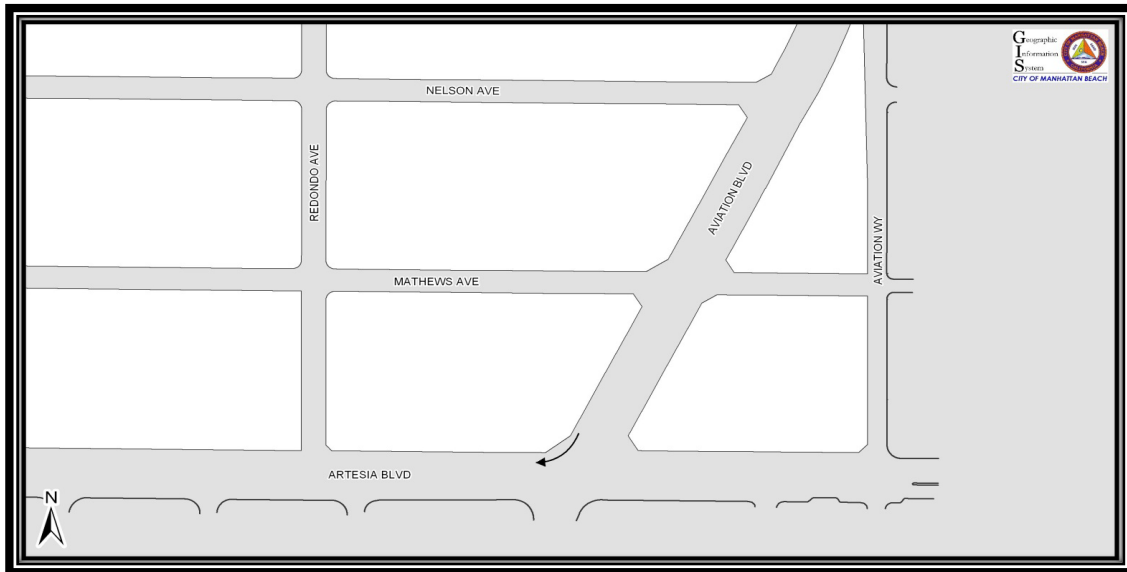
Project Title: Aviation Boulevard at Artesia Boulevard Southbound to Westbound Right-Turn Lane (SBHP Grant)

Description: Utility relocation, street widening and restriping of the northwest corner of the intersection of Aviation Boulevard at Artesia Boulevard to provide Southbound to westbound right-turn lanes. This project is coordinated with City of Redondo Beach widening efforts on the southeast corner of this intersection.

Justification: The southbound to westbound right-turn movement at Aviation Boulevard at Artesia Boulevard is congested due the lack of lane capacity.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Streets & Hwy Fund (and SBHP Grant)	\$ 124,095	-	-	-	-	-	\$ 124,095
	TOTAL	\$ 124,095	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 124,095

Location Map:



City of Manhattan Beach

Capital Improvement Plan FY2023-2027

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- ☐ Unfunded Project (Funding not available at this time)

Funding Source: Multiple Funds

Carryover Project #: ST19102, ST19105

Original Funding Year: 2018-19

General Plan Element Goals: I-1, I-2, I-2.3, I-6

Sts Hwys Fund, Prop C,

Msr R & Msr M

Project Title: Annual Street Resurfacing Program

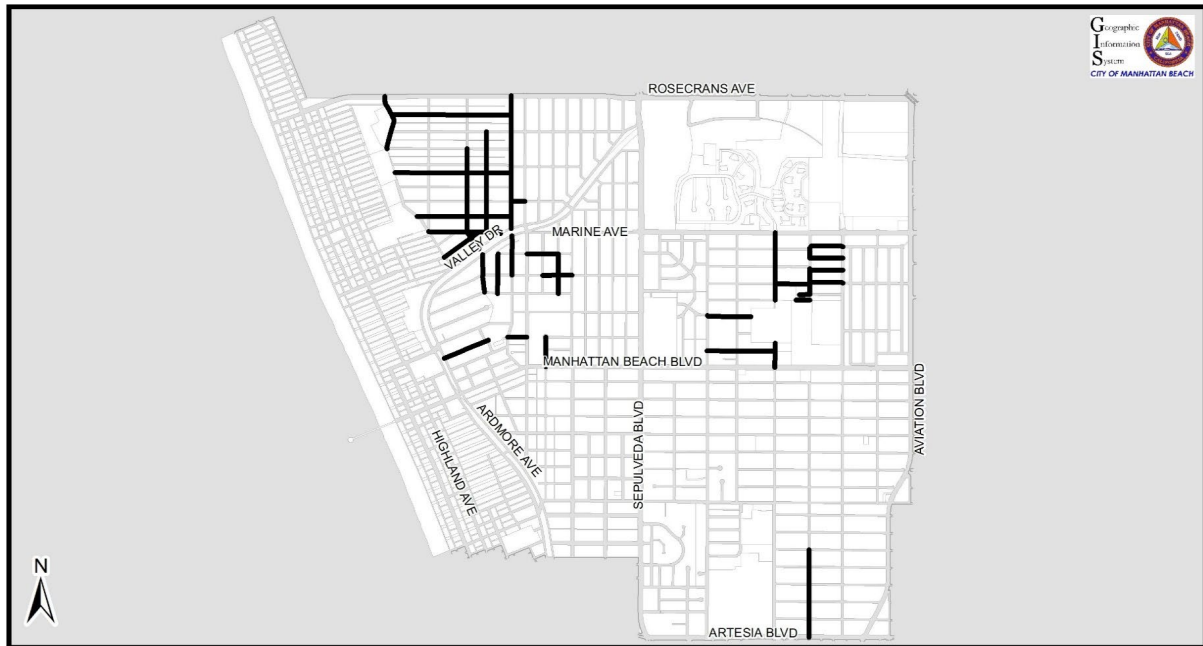
Description: The project will mill and overlay the pavement surface and replace displaced curbs, gutters, and sidewalk.

Justification: Locations are determined through the Triennial Pavement Management (TPM) System update. The TPM is an inspection of pavement surfaces to assess condition, prioritize rehabilitation and determine resources required to maintain street pavements in good condition. Rather than assign individual project numbers to each resurfacing location, this project number represents all future resurfacing projects.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Streets & Hwy Fund	\$ 774,191	\$ 350,000	\$ 650,000	\$ 350,000	\$ 650,000	\$ 350,000	\$ 3,124,191
	Prop C	\$ 611,589	\$ 1,200,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 4,811,589
	Measure R	\$ 330,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,830,000
	Measure M	\$ 600,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 3,100,000
	TOTAL	\$ 2,315,780	\$ 2,550,000	\$ 2,400,000	\$ 2,100,000	\$ 2,400,000	\$ 2,100,000	\$ 13,865,780

Location

Map:



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Funding Source: Proposition C Local Return

Measure R

Carryover Project #: ST09823

Original Funding Year: 2008-09

General Plan Element Goals: I-1, I-2

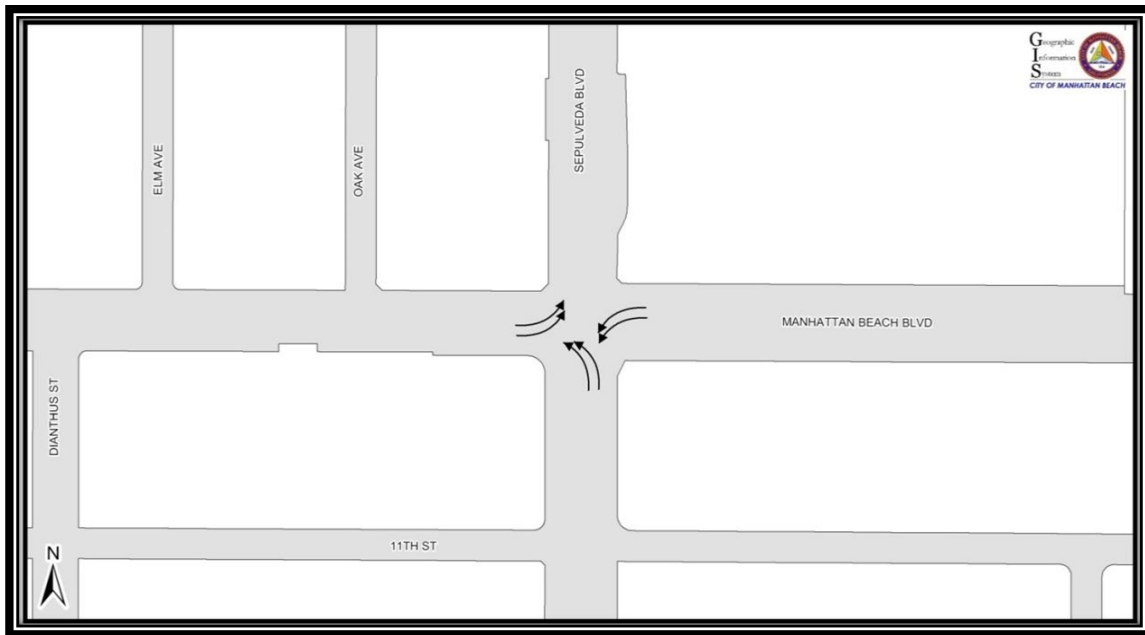
Project Title: Dual Left-Turn Lanes on Manhattan Beach Boulevard at Sepulveda Boulevard, EB to NB, NB to WB, WB to SB (SBHP Grant)

Description: Widening and restriping of the intersection of Sepulveda Boulevard at Manhattan Beach Boulevard to provide Westbound to Southbound, Eastbound to Northbound and Northbound to Westbound Left-Turn Lanes.

Justification: This intersection is located in an area of the City with limited on-street parking and moderately heavy pedestrian usage. Westbound, eastbound and northbound Left-turn movements at Sepulveda Boulevard at Manhattan Beach Boulevard are congested due the lack of lane capacity. The design and subsequent construction take into account the need for the lowest possible impact on the livelihood of the residents, visitors and business owners.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Proposition C (SBHP Grant)	\$ 73,139	\$ -	-	-	-	-	\$ 73,139
	TOTAL	\$ 73,139	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 73,139

Location Map:



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☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Multiple Funds

Prop C, MTA Call, SBHP

Carryover Project #: ST10827, ST13840E, ST13841E

Original Funding Year:

General Plan Element Goals: LU-8, I-1, I-2

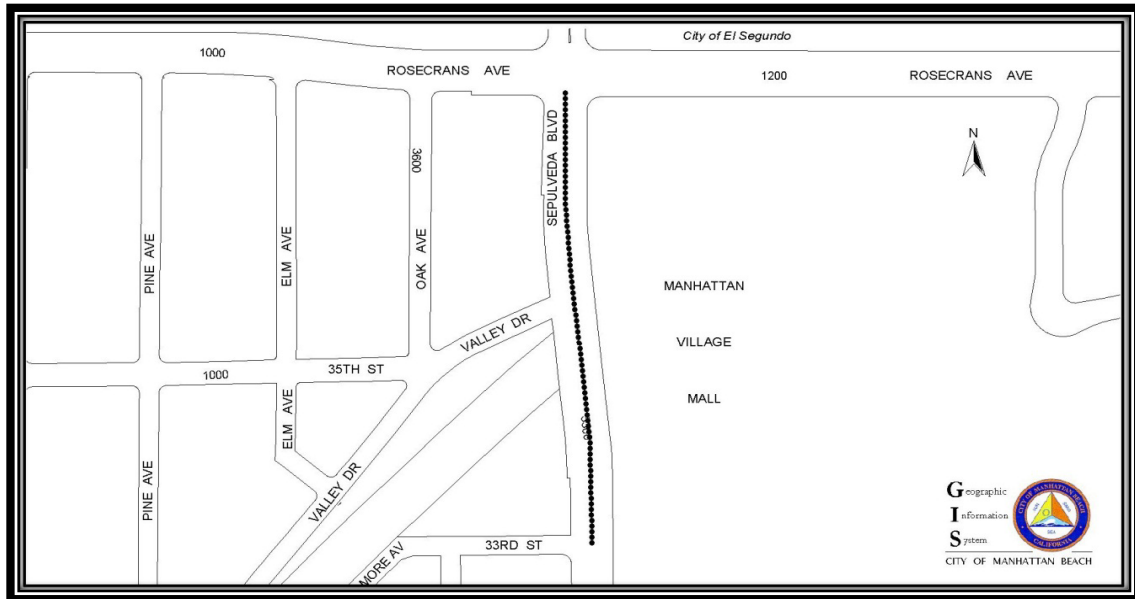
Project Title: Sepulveda Bridge Widening Project

Description: Add one northbound through lane by widening Sepulveda Bridge on the east side, a shoulder varying from two to eight feet on the east side of the bridge, and six foot wide sidewalks.

Justification: This project will improve traffic flow on Sepulveda Boulevard (a major north-south regional arterial street) by eliminating a bottleneck that exists at the bridge.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Proposition C (SBHP Grant)	\$ 1,291,909	-	-	-	-	-	\$ 1,291,909
	Proposition C (MTA Call Grant)	\$ 2,011,433	-	-	-	-	-	\$ 2,011,433
	Proposition C (Prop C Local)	\$ 654,312	-	-	-	-	-	\$ 654,312
	TOTAL	\$ 3,957,654	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,957,654

Location Map:



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☐ Unfunded Project (Funding not available at this time)

Funding Source: Proposition C Local Return

Measure R

Carryover Project #: ST17102

Original Funding Year: 2016-17

General Plan Element Goals: I-1, I-2

Project Title: Marine Ave at Cedar Ave Traffic and Int. Improvements (SBHP Grant)

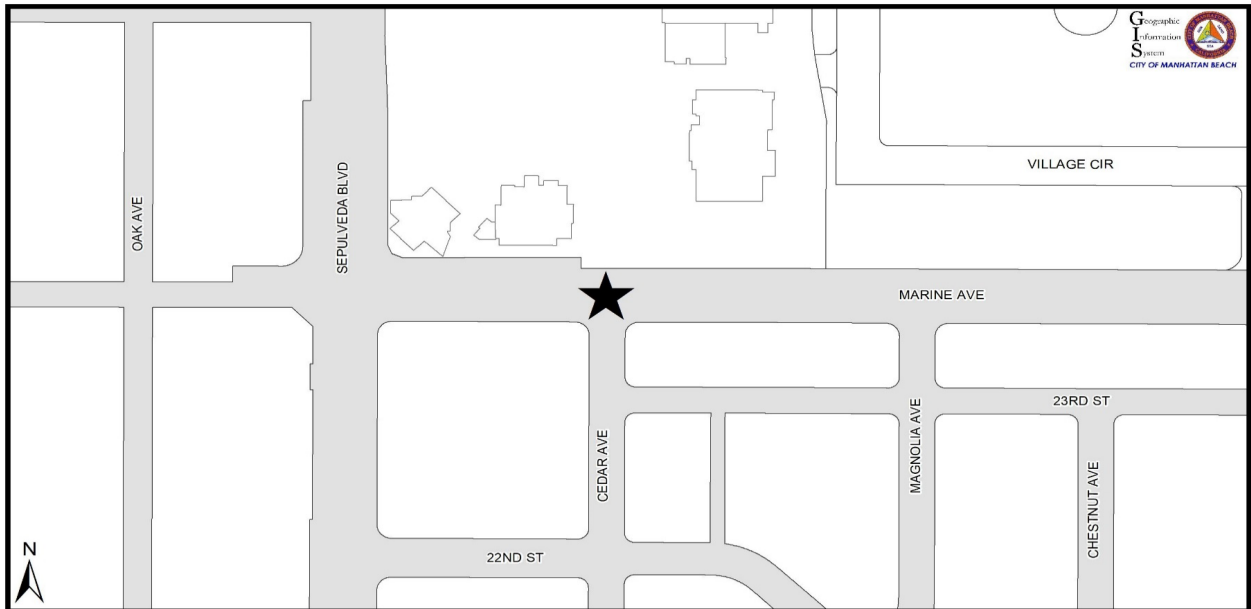
Description: Modify lane configuration and signal timing to increase capacity at the intersection of Cedar Ave. and Marine Ave. (east of Sepulveda Blvd.).

Justification: The intersection of Marine Avenue and Cedar Avenue is approximately 250 feet east (between vehicular stop lines) of Sepulveda Boulevard, under full signal operation. Currently, the delay at the intersection of Marine Avenue and Cedar Avenue causes the eastbound traffic to back up, which extends to Sepulveda Boulevard and causes blockage and delay along Sepulveda Boulevard. Also, the signal operation at the intersection is not optimized to address excessive delay to the exiting traffic from Manhattan Beach Village Shopping Center. After further analysis and investigation, the City has determined that the signal coordination between the two Marine Avenue intersections (Marine Avenue / Sepulveda Boulevard, and Marine Avenue / Cedar Avenue), and the intersection configuration and signal improvement of Marine Avenue and Cedar Avenue are critical and would benefit the community and improve the regional traffic conditions, especially along Sepulveda Boulevard.

Project Cost Information:

Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
Proposition C (SBHP Grant)	\$ 767,343	-	-	-	-	-	\$ 767,343
TOTAL	\$ 767,343	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 767,343

Location Map:



City of Manhattan Beach

Capital Improvement Plan FY2023-2027

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- ☒ Carryover Project (Received previous appropriation)
- ☐ New Project (Funding identified, not yet appropriated)
- ☐ Unfunded Project (Funding not available at this time)

Funding Source: Multiple Funds

Carryover Project #: ST19102, ST19105

Original Funding Year: 2018-19

General Plan Element Goals: I-1, I-2, I-2.3, I-6

Sts Hwys Fund, Prop C,

Msr R & Msr M

Project Title: Annual Street Resurfacing Program

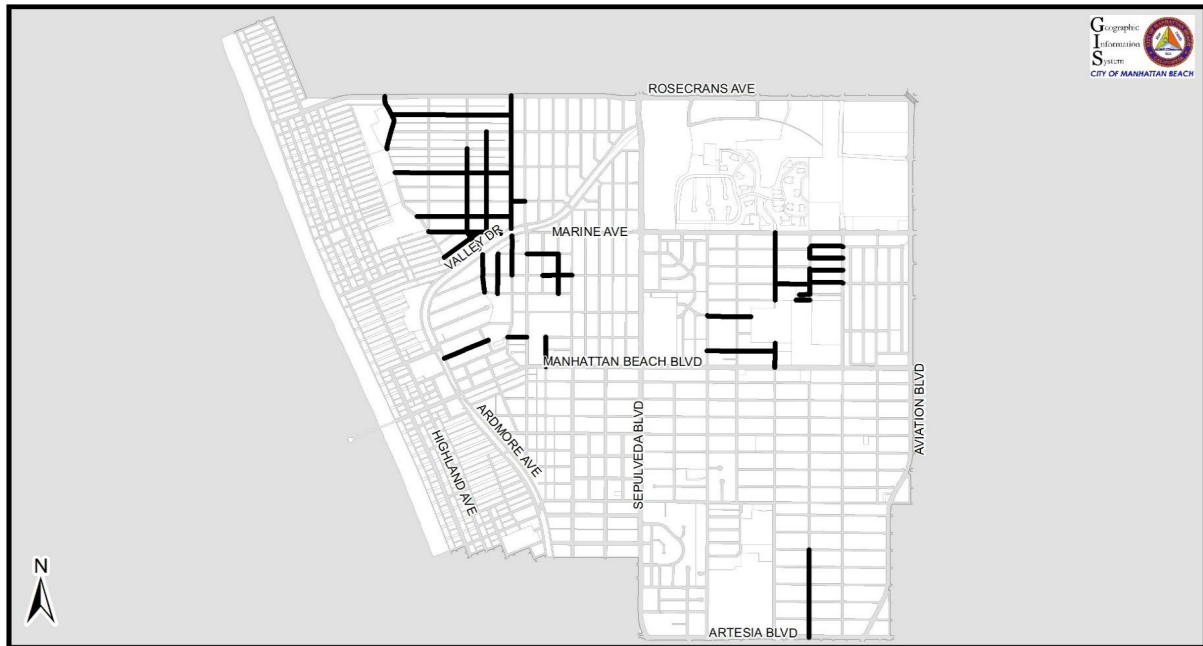
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Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Streets & Hwy Fund	\$ 774,191	\$ 350,000	\$ 650,000	\$ 350,000	\$ 650,000	\$ 350,000	\$ 3,124,191
	Prop C	\$ 611,589	\$ 1,200,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 4,811,589
	Measure R	\$ 330,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,830,000
	Measure M	\$ 600,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 3,100,000
	TOTAL	\$ 2,315,780	\$ 2,550,000	\$ 2,400,000	\$ 2,100,000	\$ 2,400,000	\$ 2,100,000	\$ 13,865,780

Location

Map:



City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Measure R Local Return

Carryover Project #: ST17104

Original Funding Year: 2016-17

General Plan Element Goals: I-1, I-2, I-6

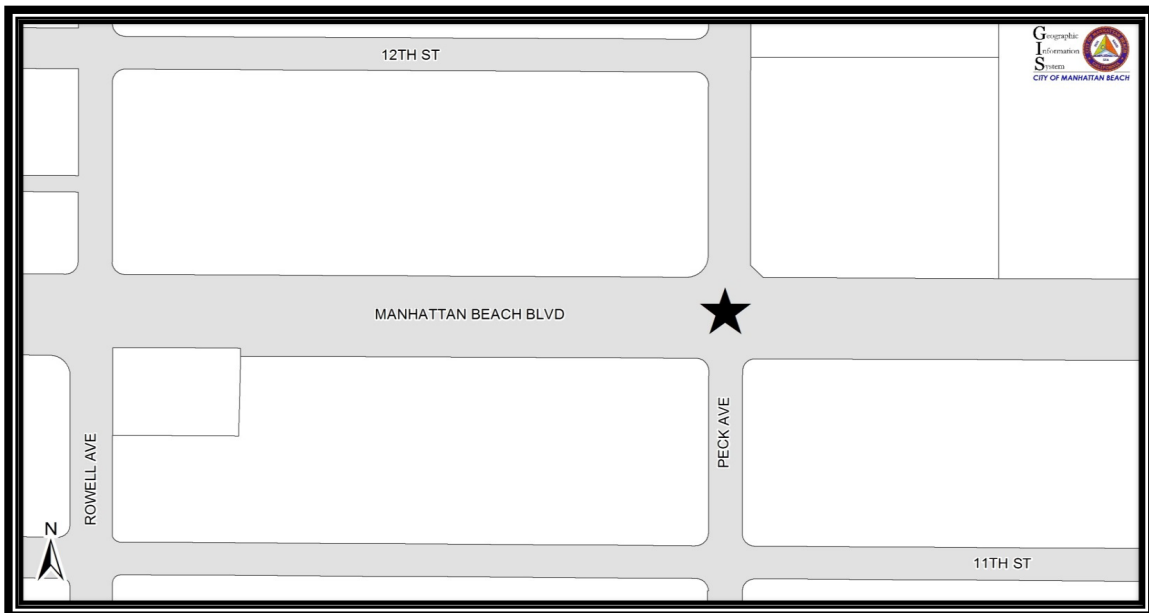
Project Title: Protected Left-Turn Lanes: Manhattan Beach Blvd. at Peck Ave.

Description: Design and construct protected left turns in the eastbound and westbound directions at the intersection of Manhattan Beach Boulevard and Peck Avenue.

Justification: Sight distance restriction in left turn lane has been confirmed by the City Traffic Engineer pursuant to a resident request. A hill west of the intersection restricts the view of approaching traffic from the turn pocket. Protected left turn arrows would improve traffic safety by addressing the sight distance restriction and eliminating pedestrian conflicts with left turning traffic. The intersection is in close proximity to and on designated school routes to Meadows Elementary School and Manhattan Beach Middle School.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Measure R	\$ 598,671	-	-	-	-	-	\$ 598,671
	Local Return							
	TOTAL	\$ 598,671	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 598,671

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets

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- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Measure R Local Return

Carryover Project #: ST19106

Original Funding Year: 2018-19

General Plan Element Goals: I-6

Project Title: Ocean Drive Walk Street Crossings

Description: Construct raised or decorative crosswalks on Ocean Drive at walkstreets (25 locations).

Justification: The project will design and construct 25 raised and/or decorative crosswalks on Ocean Drive at walkstreet crossings. The enhanced crossings will improve pedestrian safety and calm traffic along Ocean Drive. These improvements will also encourage beach access and enhance the view along the walkstreets. Enhanced crossing treatments have been recommended in the City's Mobility Plan and have been requested by numerous residents.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Measure R	-	\$ 200,000	\$ 500,000	-	-	-	\$ 700,000
	Local Return							
	TOTAL	\$ -	\$ 200,000	\$ 500,000	\$ -	\$ -	\$ -	\$ 700,000

Location Map:



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Capital Improvement Plan FY2023-2027
Summary Sheets

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- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Measure R Local Return

Carryover Project #: ST20103

Original Funding Year: 2012-13

General Plan Element Goals: I-6

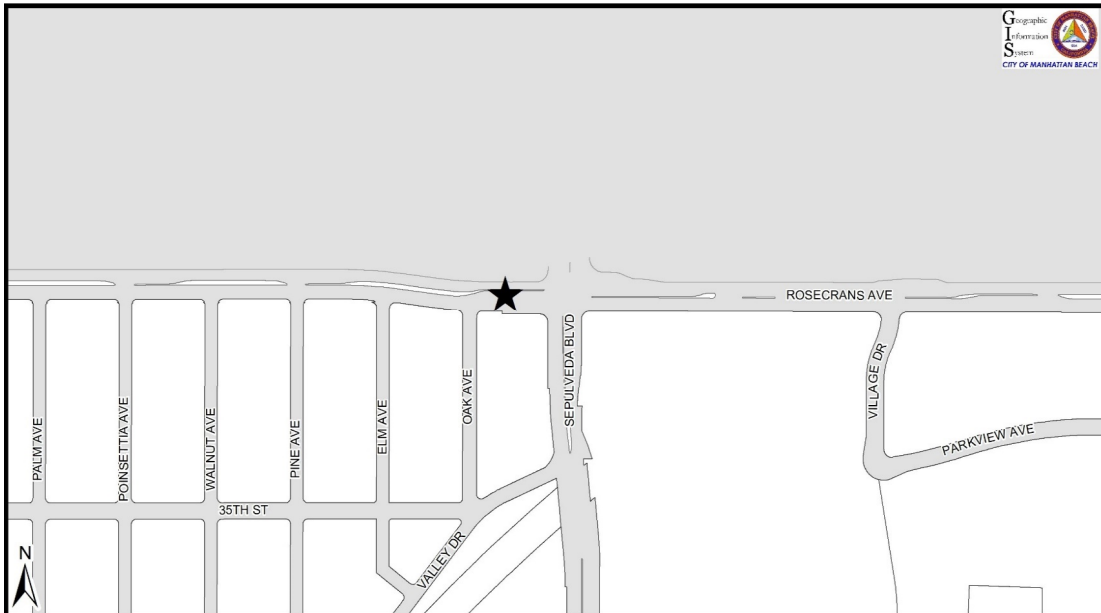
Project Title: Rosecrans Bike Lane Improvements

Description: Installation of a bike lane on Rosecrans Ave.

Justification: This project is one of the projects identified in the South Bay Bicycle Master Plan and would provide the last segment necessary to have a continuous bike path on Rosecrans Ave. from Highland Ave. to Sepulveda Blvd.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Measure R	\$ 240,000	-	-	-	-	-	\$ 240,000
	Local Return							
	TOTAL	\$ 240,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 240,000

Location Map:



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Capital Improvement Plan FY2023-2027
Summary Sheets

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- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Measure R Local Return

Partial Grant 5310

Carryover Project #: ST20102

Original Funding Year: 2019-20

General Plan Element Goals: I-6

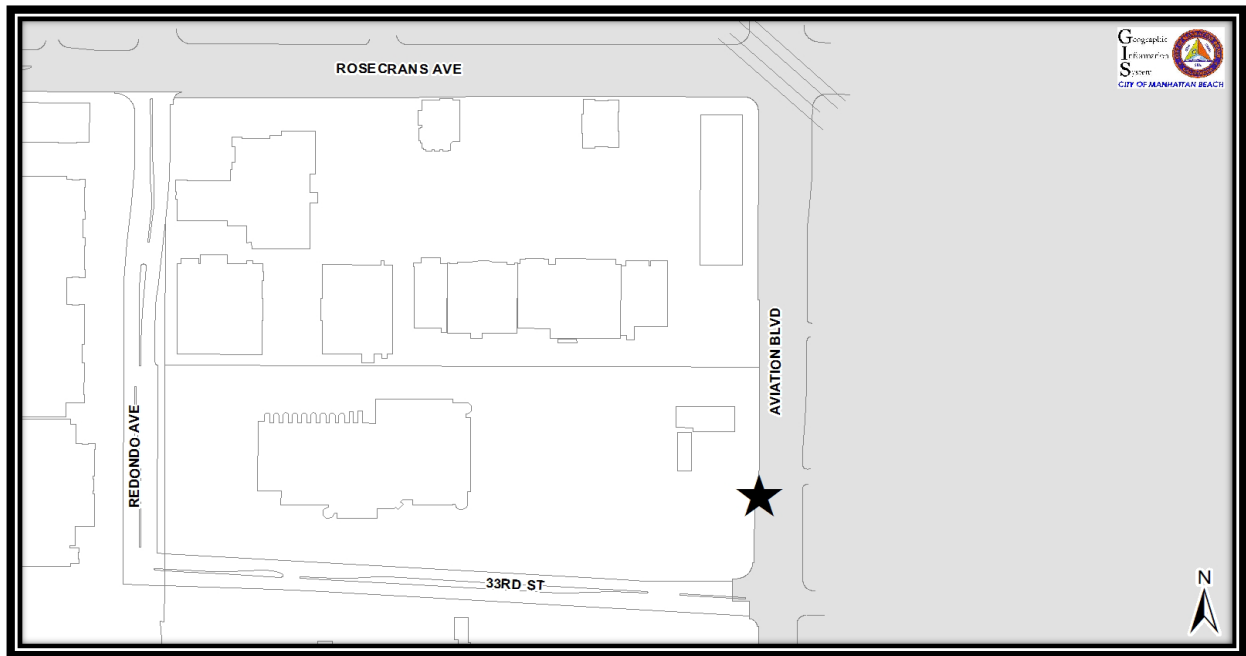
Project Title: Aviation Blvd and 33rd Missing Sidewalk (Partial Grant 5310)

Description: Install missing link of sidewalk on Aviation near 33rd St. This work includes removal and replacement of significant irrigation/landscaping, regrading and various improvements to protect existing sign and wall footings.

Justification: This is a busy, wide arterial roadway. The proposed sidewalk provides an important quality of life amenity for pedestrians to connect employment centers to other commercial, entertainment and eatery establishments in the area.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Measure R	\$ 600,000	-	-	-	-	-	\$ 600,000
	Local Return							
	TOTAL	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600,000

Location Map:



City of Manhattan Beach

Capital Improvement Plan FY2023-2027

Summary Sheets

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- ☐ New Project (Funding identified, not yet appropriated)
- ☐ Unfunded Project (Funding not available at this time)

Funding Source: Measure M Local Return

Carryover Project #: ST21102

Original Funding Year: 2020-21

General Plan Element Goals: I-1, I-2

Project Title: Manhattan Beach Advanced Traffic Signal (MBATS)

Description: MBATS System will allow the City to design and construct a complete fiber backbone infrastructure that will connect all City-owned signalized intersections with a high-speed fiber network that will support emerging traffic management technologies. Each traffic signal will be installed with Advanced Transportation Controllers and Video (Detection) Management Systems capable of communicating via advanced fiber networks. Certain strategic intersections will also include a high-definition, internet-protocol, close circuit television (CCTV) camera system for fast response traffic operation incident management. City gateway corridors such Rosecrans Avenue, Manhattan Beach Boulevard and Artesia Boulevard will have the capability to incorporate Dynamic Message Signs (DMS) and handheld mobile device application technology that will provide real time traffic information for commuter traffic to nearby freeways and the State highway. Connections to both City Hall and the Public Works Yard staff workstations will allow for remote access of the traffic signal network.

Justification: Currently, the City's traffic signals along the arterial corridors throughout Manhattan Beach are activated using one or more standard technologies, including loop detection, video detection and pre-set signal timing. These intersections carry a significant amount of outbound, inbound and through traffic during peak commute times of the day. The traffic signals' controls are limited by dated technologies and they are physically maintained and programmed on-site by Los Angeles County Department of Public Works (LAC-DPW) through a long standing City-County Maintenance Service Agreement. The City's MBATS System Project proposes to upgrade signal controller equipment and connect them through a fiber optic backbone infrastructure that will support emerging traffic management technologies, such as dynamic signal timing, vehicle to vehicle connections, autonomous vehicles, public safety preemption and other smart cities initiatives that can improve traffic signalization and operational efficiencies.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Measure M	\$ 4,185,286	\$ 5,310,000	\$ 2,000,000	-	-	-	\$ 11,495,286
	Local Return							
	TOTAL	\$ 4,185,286	\$ 5,310,000	\$ 2,000,000	\$ -	\$ -	\$ -	\$ 11,495,286

Location Map:



**City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Measure M Local Return

Carryover Project #: ST20104

Original Funding Year: 2019-20

General Plan Element Goals: I-1, I-6

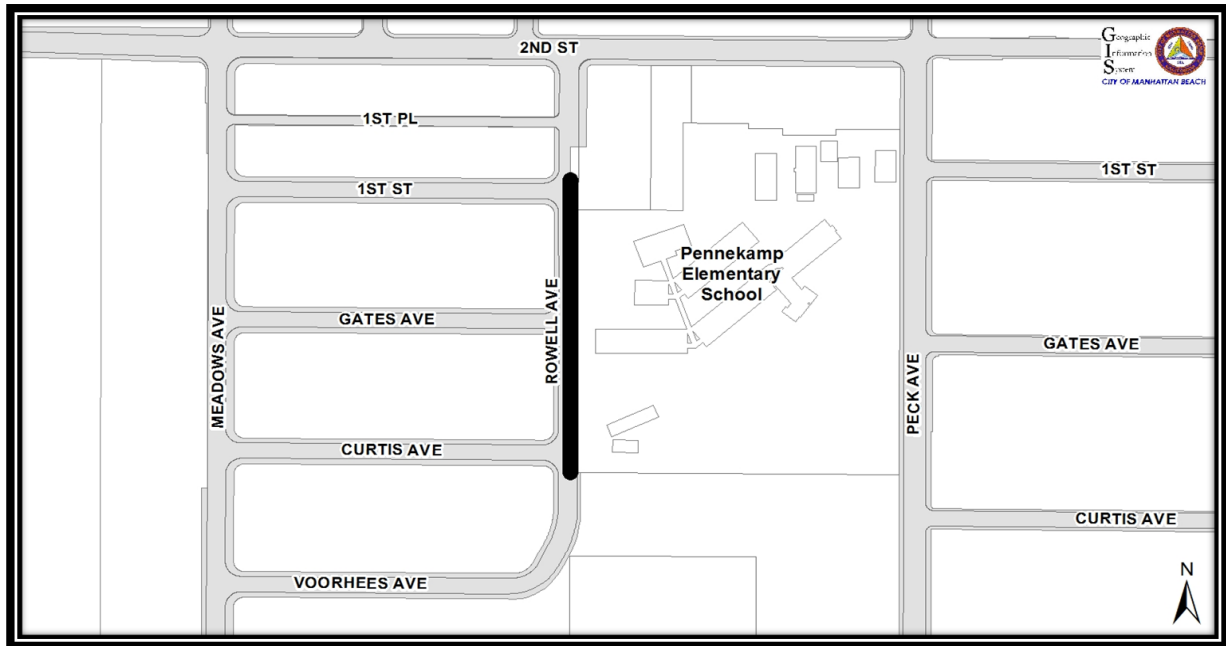
Project Title: Rowell Avenue Sidewalk Gap Closure (Curtis & 1st St.)

Description: Installation of a missing sidewalk in front of Pennekamp Elementary; requires substantial construction work for ADA compliance including drainage/storm drain improvements.

Justification: This is a specific request from the School District to enhance the safety of the students and parents that walk to the school.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Measure M	\$ 684,278	-	-	-	-	-	\$ 684,278
	Local Return							
	TOTAL	\$ 684,278	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 684,278

Location Map:



**City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Measure M Local Return

Carryover Project #: ST18101

Original Funding Year: 2019-20

General Plan Element Goals: I-6

Project Title: ADA Transition Plan within Public Rights of Way

Description: To identify all physical barriers that limit the accessibility of programs, activities, or services to individuals with disabilities; list detailed outline of methods to be utilized to remove these barriers and an annual schedule for taking the necessary steps to achieve compliance with Title II of the Americans with Disabilities Act (ADA).

Justification: Federal law requires cities to develop this plan. In its development, legal protection is provided to the city while addressing efforts to improve ADA access over time.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Measure M	\$ 14,050	-	-	-	-	-	\$ 14,050
	Local Return							
	TOTAL	\$ 14,050	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,050

Location Map:

No map; locations to be determined in Plan

City of Manhattan Beach **Capital Improvement Plan FY2023-2027** **Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
- ☐ New Project (Funding identified, not yet appropriated)
- ☐ Unfunded Project (Funding not available at this time)

Funding Source: Multiple Funds

Carryover Project #: ST19102, ST19105

Original Funding Year: 2018-19

General Plan Element Goals: I-1, I-2, I-2.3, I-6

Sts Hwys Fund, Prop C,

Msr R & Msr M

Project Title: Annual Street Resurfacing Program

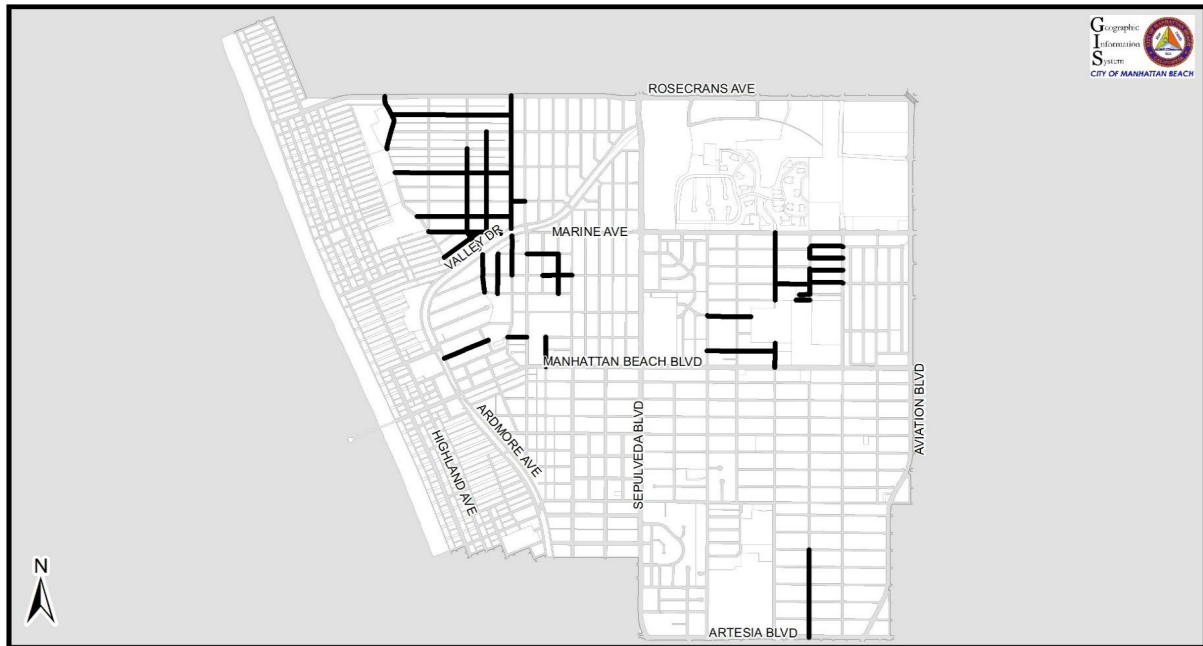
Description: The project will mill and overlay the pavement surface and replace displaced curbs, gutters, and sidewalk.

Justification: Locations are determined through the Triennial Pavement Management (TPM) System update. The TPM is an inspection of pavement surfaces to assess condition, prioritize rehabilitation and determine resources required to maintain street pavements in good condition. Rather than assign individual project numbers to each resurfacing location, this project number represents all future resurfacing projects.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Streets & Hwy Fund	\$ 774,191	\$ 350,000	\$ 650,000	\$ 350,000	\$ 650,000	\$ 350,000	\$ 3,124,191
	Prop C	\$ 611,589	\$ 1,200,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 4,811,589
	Measure R	\$ 330,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,830,000
	Measure M	\$ 600,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 3,100,000
	TOTAL	\$ 2,315,780	\$ 2,550,000	\$ 2,400,000	\$ 2,100,000	\$ 2,400,000	\$ 2,100,000	\$ 13,865,780

Location

Map:



**City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: CIP Fund

Carryover Project #: BL21002

Original Funding Year: 2014-15

General Plan Element Goals: LU-3, LU-3.1, CS-1

Project Title: Annual Facilities Capital Maintenance Program

Description: Repair and refurbish building structures citywide based on the results of the Facilities Condition Assessment and Council direction.

Justification: This project reflects funding for deficiencies identified as part of the City Facilities Condition Assessment. The funding is assigned in increments spanning multiple years. Work includes, but is not limited to, repainting the exterior of the buildings, replacing flooring, replacing sealants at the perimeter of the windows, bathroom repairs, and repairing asphalt outside of the buildings.

Project Cost Information:	Funding		Prior Year		FY22/23		FY23/24		FY24/25		FY25/26		FY26/27		TOTAL	
	Source(s):		Appropriation													
	CIP Fund		\$	215,101	\$	125,000	\$	125,000	\$	300,000	\$	300,000	\$	300,000	\$	1,365,101
	TOTAL		\$	215,101	\$	125,000	\$	125,000	\$	300,000	\$	300,000	\$	300,000	\$	1,365,101

**Location
Map:**

No map; various facilities Citywide

**City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: CIP Fund

Carryover Project #: BL21001

Original Funding Year: 2021-22

General Plan Element Goals: CS-1

Project Title: Citywide Security Cameras

Description: Installation of security cameras at City-owned facilities.

Justification: Enhanced monitoring and security at City-owned facilities.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	CIP Fund	\$ 329,067	\$ 230,000	\$ 160,000	\$ 100,000	-	-	\$ 819,067
	TOTAL	\$ 329,067	\$ 230,000	\$ 160,000	\$ 100,000	\$ -	\$ -	\$ 819,067

**Location
Map:**

No map; various facilities Citywide

City of Manhattan Beach **Capital Improvement Plan FY2023-2027** **Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Multiple Funds

Street & Highway, & CDBG

Carryover Project #: ST19104, ST19204

CIP Fund

Original Funding Year: 2018-19

General Plan Element Goals: LU-3, LU-4, I-1, I-6, HE-3, CR-1 & CS-1

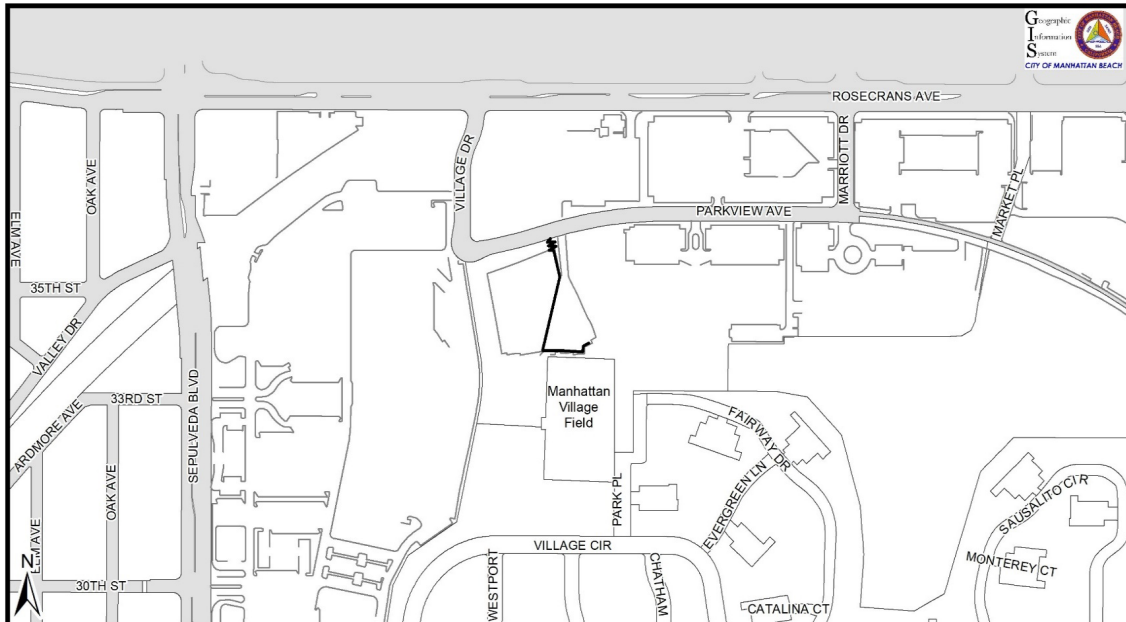
Project Title: Manhattan Village Field Senior Villas ADA Pathway - Construction (Street & Highway, CDBG)

Description: Installing ADA pathway to connect pedestrian walkways on Parkview Avenue to the Manhattan Beach Village Field and Senior Villas.

Justification: The existing driveway to the Manhattan Beach Village Field, Senior Villas and City Public Park currently lacks an ADA accessible pedestrian pathway connecting to the public street sidewalk on Parkview Ave. This project will construct an ADA compliant pathway connecting the Village Field, Senior Villas and the City Public Park to the public sidewalk located on Parkview Ave.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Streets & Highway	\$ 138,150	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 138,150
	CIP Fund	\$ 660,895	\$ 50,000.00	-	-	-	-	\$ 710,895
	CDBG Funds	\$ 2,190	-	-	-	-	-	\$ 2,190
	TOTAL	\$ 801,235	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 851,235

Location Map:



**City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets**

Category:

- ☐ Carryover Project (Received previous appropriation)
☒ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: CIP Fund

Carryover Project #: N/A

Original Funding Year: N/A

General Plan Element Goals: CR-1

Project Title: Park Improvements Program

Description: The project will conduct an assessment of need and prioritization of capital improvements at City parks, and provide design and construction funding based on the established priorities.

Justification: Improving the City's park system to increase accessibility and usability.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23		FY23/24		FY24/25		FY25/26		FY26/27		TOTAL		
	CIP Fund	-	\$	150,000	\$	250,000	\$	250,000	\$	250,000	\$	250,000	\$	1,150,000	
	TOTAL	\$	-	\$	150,000	\$	250,000	\$	250,000	\$	250,000	\$	250,000	\$	1,150,000

**Location
Map:**

No map; various facilities Citywide

**City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets**

Category:

- ☐ Carryover Project (Received previous appropriation)
☒ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: CIP Fund

Carryover Project #: N/A

Original Funding Year: N/A

General Plan Element Goals: HE-4

Project Title: Solar Power Installation at City Facilities

Description: Installation of solar power systems at City-owned facilities.

Justification: Enhancing energy conservation and independence at City-owned facilities.

Project Cost Information:	Funding		Prior Year		FY22/23		FY23/24		FY24/25		FY25/26		FY26/27		TOTAL	
	Source(s):		Appropriation													
	CIP Fund		-		-		\$ 150,000		\$ 150,000		\$ 150,000		\$ 150,000		\$ 600,000	
	TOTAL		\$ -		\$ -		\$ 150,000		\$ 150,000		\$ 150,000		\$ 150,000		\$ 600,000	

**Location
Map:**

No map; various facilities Citywide

City of Manhattan Beach Capital Improvement Plan FY2023-2027 Summary Sheets

Category:

- ☐ Carryover Project (Received previous appropriation)
☒ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: CIP Fund

Carryover Project #: N/A

Original Funding Year: N/A

General Plan Element Goals: CR-1

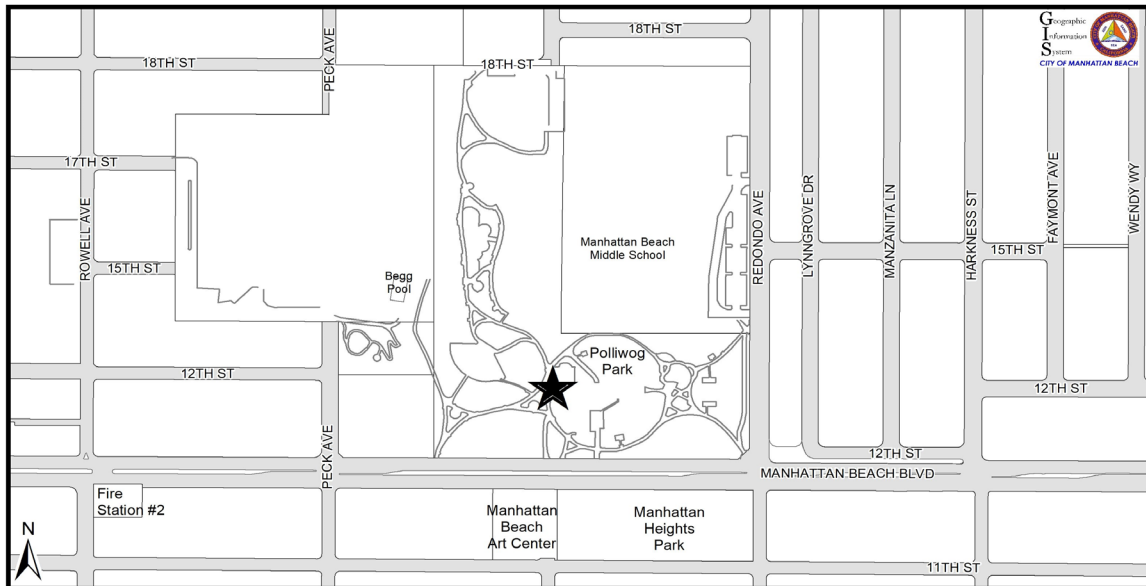
Project Title: Polliwog Park Lighted Pathway

Description: Replace all site lighting throughout Polliwog Park.

Justification: The current light poles and fixture heads have served their useful lifespan and need replacement. The majority of the poles are made of concrete and rebar, and are beyond repair or maintenance.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	CIP Fund	\$ -	\$ 180,000	\$ -	\$ -	\$ -	\$ -	\$ 180,000
	TOTAL	\$ -	\$ 180,000	\$ -	\$ -	\$ -	\$ -	\$ 180,000

Location Map:



City of Manhattan Beach **Capital Improvement Plan FY2023-2027** **Summary Sheets**

Category:

- ☐ Carryover Project (Received previous appropriation)
☒ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: CIP Fund

Carryover Project #: N/A

Original Funding Year: N/A

General Plan Element Goals: CS-1

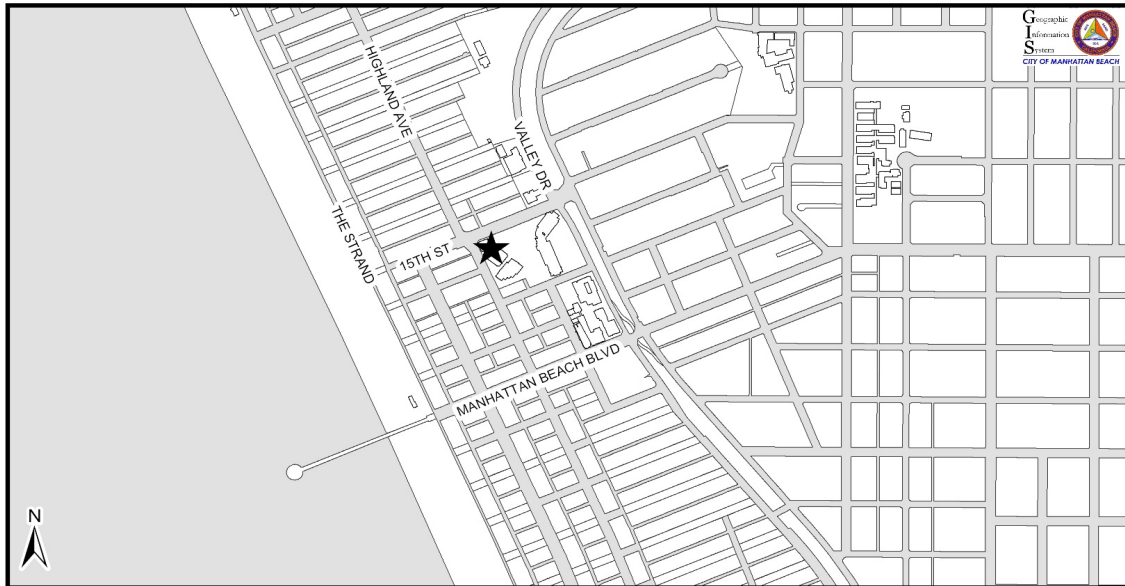
Project Title: City Hall Renovations

Description: Design and construction of work space reconfiguration in City Hall for City staff.

Justification: The work space in City Hall is in need of reconfiguration due to increased staffing and changes in City operations. Reconfiguration will make better use of the available space and increase productivity.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	CIP Fund	-	\$ 282,500	-	-	\$ -	-	\$ 282,500
	TOTAL	\$ -	\$ 282,500	\$ -	\$ -	\$ -	\$ -	\$ 282,500

Location Map:



City of Manhattan Beach

Capital Improvement Plan FY2023-2027

Summary Sheets

Category:

- ☐ Carryover Project (Received previous appropriation)
☒ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: CIP Fund

Carryover Project #: N/A

Original Funding Year: N/A

General Plan Element Goals: CR-1

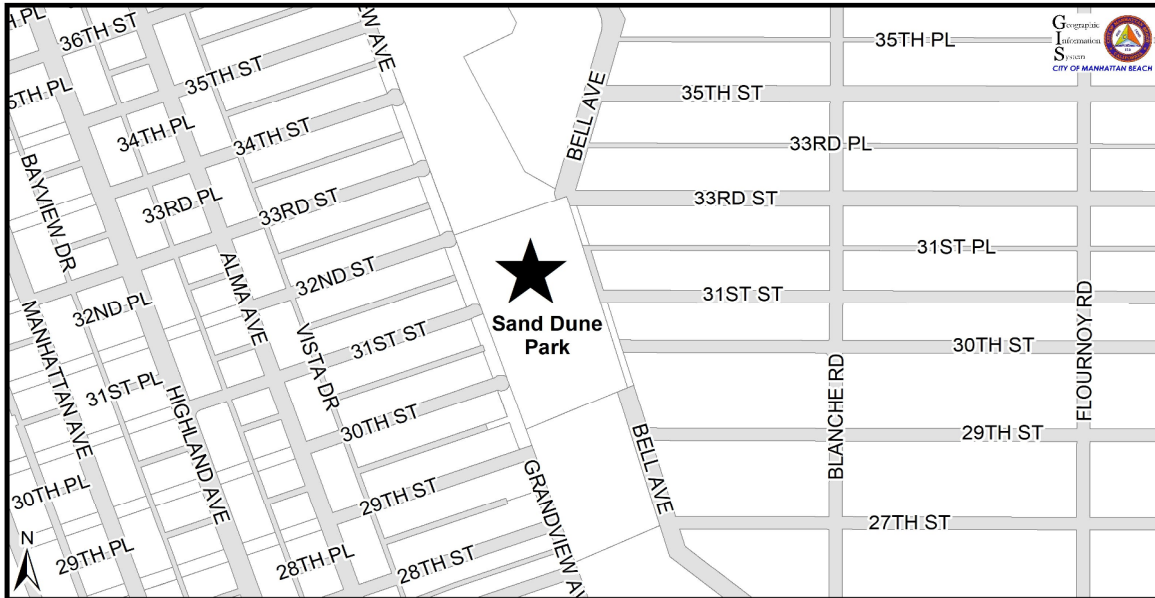
Project Title: Sand Dune Park Improvements

Description: New building and park repairs

Justification: At the January 10, 2022 Joint Commission/Council meeting, City Council discussed allocating \$1.2M in funds to provide a new facility and upgrade overall park maintenance. Staff will provide public outreach on the building design, staff has identified necessary repairs and deferred maintenance to bring the park to a safe and usable standard.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	CIP Fund	-	\$ 1,200,000	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000
	TOTAL	\$ -	\$ 1,200,000	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000

Location Map:



City of Manhattan Beach

Capital Improvement Plan FY2023-2027

Summary Sheets

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: CIP Fund

Carryover Project #: RC16207

Original Funding Year: 2015-16

General Plan Element Goals: CR-1

Project Title: National Fitness Campaign (NFC) Equipment Installation

Description: Remove existing worn down and damaged fitness equipment and surfacing installation of new poured in place surfacing material and installation of all new fitness cluster equipment.

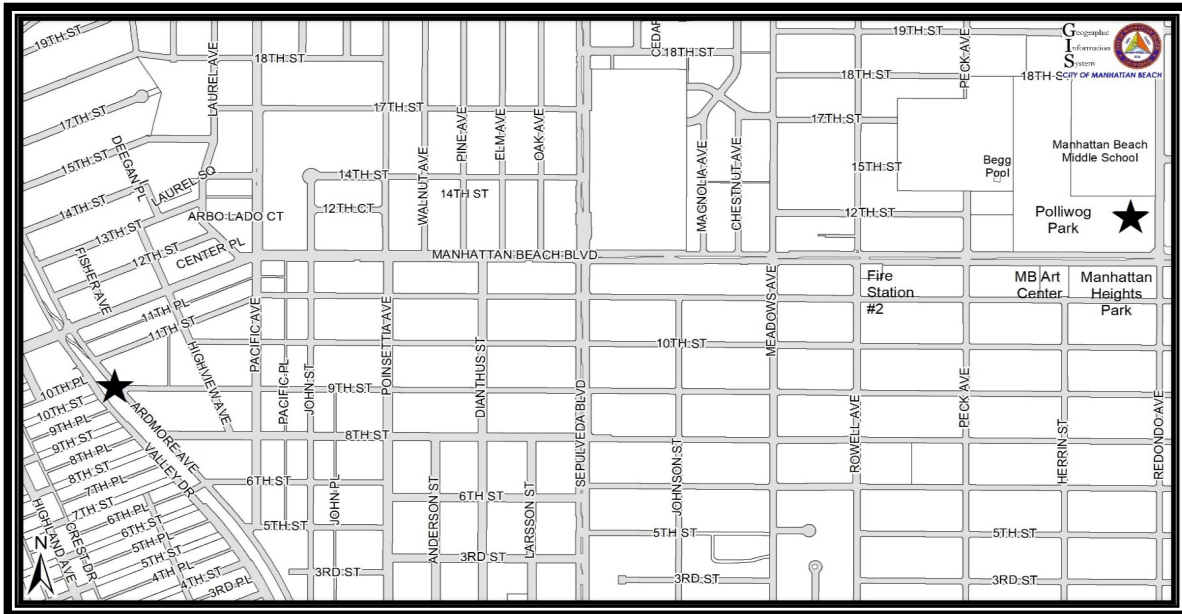
Justification: The current fitness equipment and surfacing is worn down and damaged. The current state of the equipment and surfacing causes unnecessary maintenance and care that new equipment and surfacing would eliminate.

The new surfacing is safest and most economical on the market right now. The maintenance is low and this type of surfacing is easier to repair. It is proposed to use powder coated steel frame and plastic benches to reduce maintenance. The fitness equipment and surfacing will be installed at and replace the existing equipment and surfacing at either Mariposa Fitness Station or Polliwog Park Fitness Station.

Project Cost Information:

Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
CIP Fund	\$ 115,058	\$ 65,000	-	-	-	-	\$ 180,058
TOTAL	\$ 115,058	\$ 65,000	\$ -	\$ -	\$ -	\$ -	\$ 180,058

Location Map:



City of Manhattan Beach Capital Improvement Plan FY2023-2027 Summary Sheets

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: CIP Fund

Carryover Project #: BL17202

Original Funding Year: 2016-17

General Plan Element Goals: CR-1

Project Title: Ceramics Studio Renovations (Kiln)

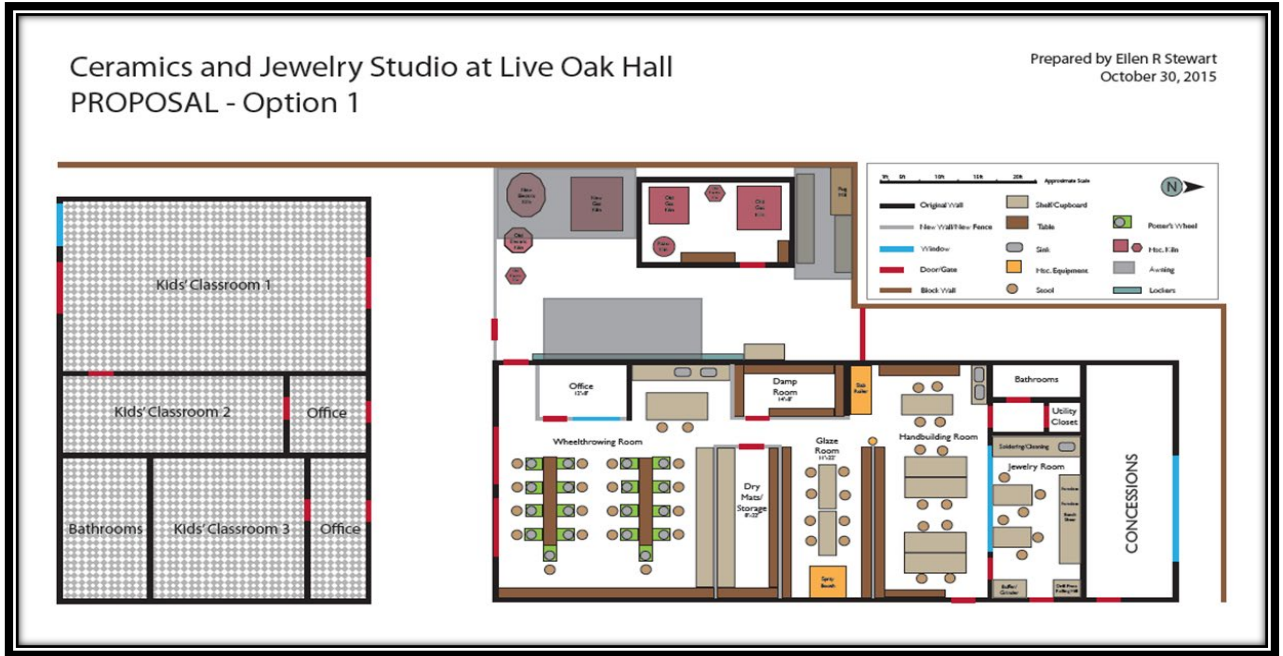
Description: Move and expand the operational space of the Ceramics Studio from current location to Live Oak Hall at Live Oak Park. Add a Metalworking/Jewelry Lab space adjacent to the Ceramics Studio at Live Oak Hall. Fence off a designated outdoor area with the addition of the outdoor kilns, lockers as well as outdoor workspace. Upgrade existing HVAC and electrical panel. Current Ceramics Studio will be retrofitted to accommodate children's classes and programming.

Justification: This expansion would provide additional classrooms for Ceramics and Jewelry classes that have outgrown the current facility. It will also free up the current Ceramics facility for use by the Kids' program, providing a space more conducive to children's programming, with easier access, HVAC system and fenced in outdoor play area.

Project Cost Information:

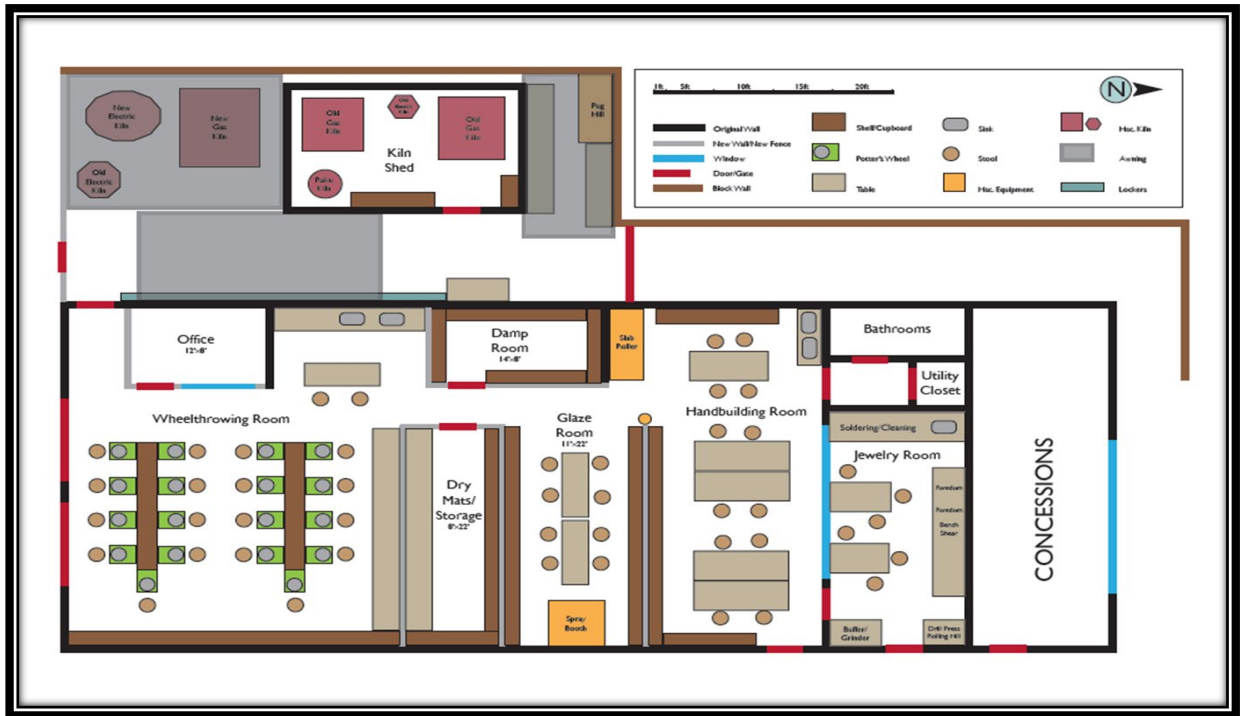
Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
CIP Fund	\$ 137,292	\$ 100,000	-	-	-	-	\$ 237,292
TOTAL	\$ 137,292	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 237,292

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets

Project Title: Ceramics Studio Upgrades



City of Manhattan Beach Capital Improvement Plan FY2023-2027 Summary Sheets

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Multiple Funds

Carryover Project #: BL15829

Original Funding Year: 2014-15

General Plan Element Goals: LU-3, LU-3.1

CIP
Construction Bond Fund

Project Title: Fire Station No. 2 Replacement

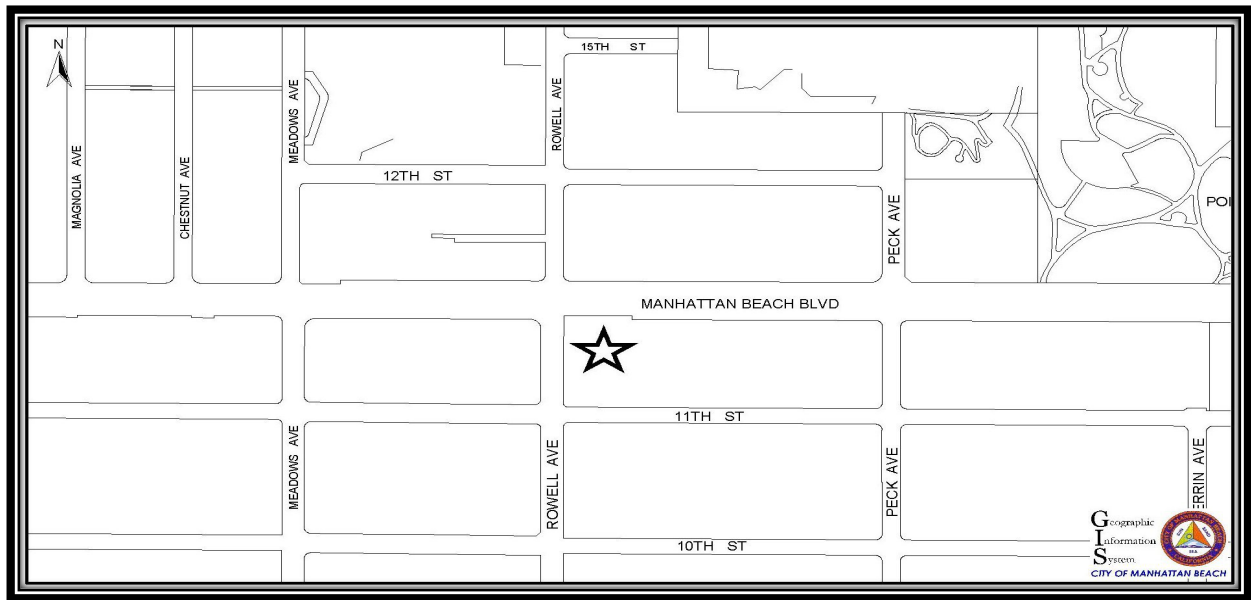
Description: Design and construct a replacement building for Fire Station 2, located at 1400 Manhattan Beach Blvd.

Justification: The existing facility was built in 1954. It is not seismically retrofitted, nor does it meet all standards of an essential facility, including accommodations for female firefighters. In March 2021, City Council authorized the solicitation of bids for the construction of the fire station and approved funding the construction phase utilizing Certificates of Participations (COPs). Construction began in November 2021.

**Project Cost
Information:**

Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
CIP Fund	\$ 276,762	-	-	-	-	-	\$ 276,762
Construction Bond Fund	\$ 6,198,842	-	-	-	-	-	\$ 6,198,842
TOTAL	\$ 276,762	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,475,604

**Location
Map:**



City of Manhattan Beach Capital Improvement Plan FY2023-2027 Summary Sheets

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: CIP Fund

Carryover Project #: BL20205

Original Funding Year: 2019-20

General Plan Element Goals: LU-3, LU-3.1, CR-1

Project Title: Senior and Scout Community Center Renovation

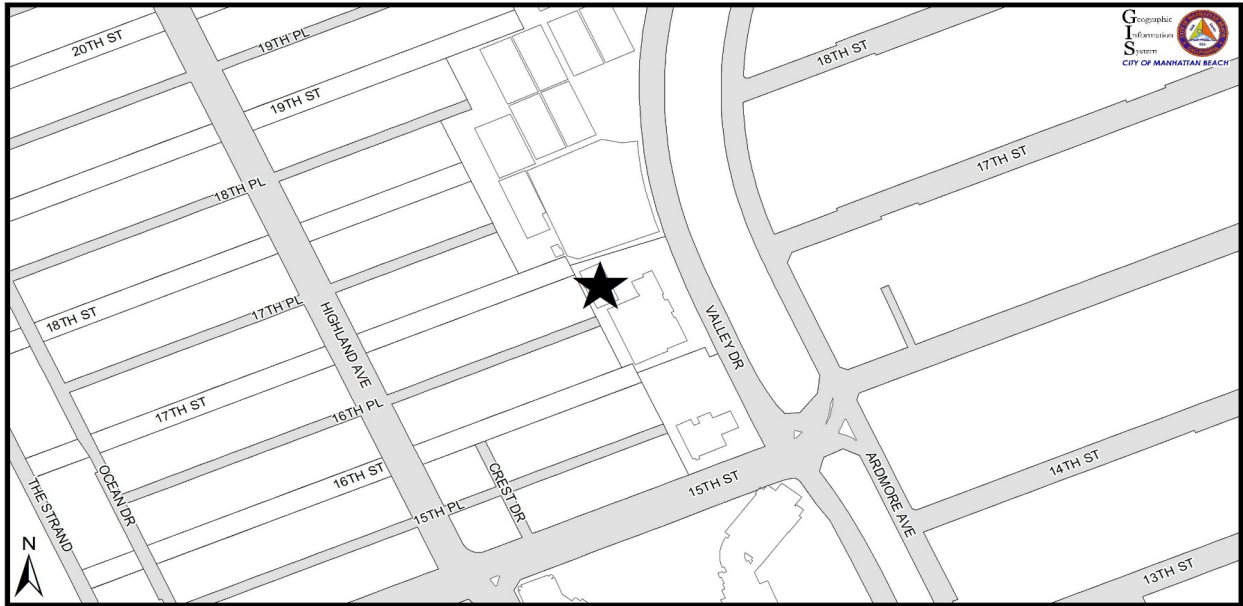
Description: Develop, design and construct a new Senior and Scout Community Center in its current location.

Justification: Scouts and Seniors Community Center was originally constructed in the 1950s by the Boy Scouts and later donated to the city of Manhattan Beach. Through a partnership with the Friends of Senior & Scout Community Center (Friends), the City would construct the shell of the building as a public project and the Friends would complete the interior tenant improvements.

**Project Cost
Information:**

Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
CIP Fund	\$ 1,000,000	-	-	-	-	-	\$ 1,000,000
TOTAL	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000

**Location
Map:**



City of Manhattan Beach **Capital Improvement Plan FY2023-2027** **Summary Sheets**

Category:

- ☐ Carryover Project (Received previous appropriation)
☒ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: CIP Fund

Carryover Project #: N/A

Original Funding Year: N/A

General Plan Element Goals: LU-3, LU-3.1, CR-1

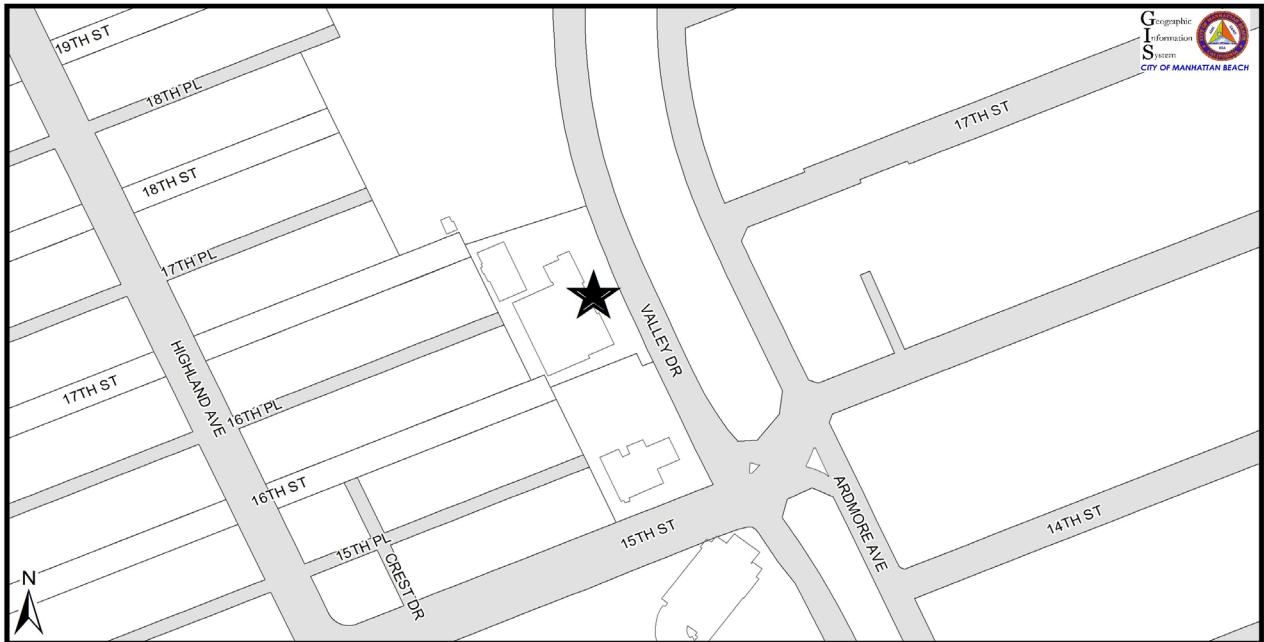
Project Title: Joslyn Center Façade Replacement

Description: Redesign of exterior appearance of the Joslyn Center to complement the new Senior Scout House construction

Justification: This project would be done in conjunction with the Senior Scout House Community Center project. The current design of the Joslyn Center is dated and will not match the new design of the Scouthouse Community Center. A new façade will be necessary for visual continuity and aesthetic improvement to the building exterior.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	CIP Fund	\$ -	\$ 70,000	\$ 250,000	-	-	-	\$ 320,000
	TOTAL	\$ -	\$ 70,000	\$ 250,000	\$ -	\$ -	\$ -	\$ 320,000

Location Map:



City of Manhattan Beach Capital Improvement Plan FY2023-2027 Summary Sheets

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: CIP Fund

Carryover Project #: RC16208

Original Funding Year: 2015-16

General Plan Element Goals: CR-1

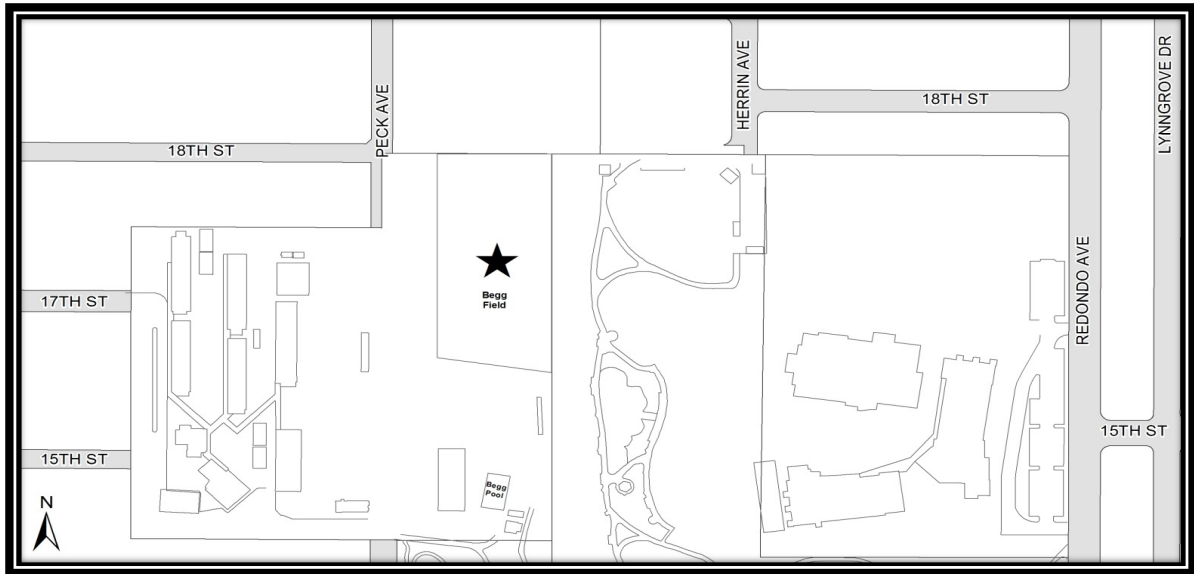
Project Title: Begg Field Improvements (Fencing, Backstops, etc.)

Description: Perform field improvements and install fence around turf at Begg Field.

Justification: Over 5,000 AYSO members, youth club, and adult participants play soccer annually in the City of Manhattan Beach. Installing fencing around the Begg Field turf and replacing backstops for baseball/softball play will enhance the use and lifespan of the field.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	CIP Fund	-	-	\$ 400,000	-	-	-	\$ 400,000
	TOTAL	\$ -	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ 400,000

Location Map:



City of Manhattan Beach **Capital Improvement Plan FY2023-2027** **Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: CIP Fund

Carryover Project #: RC16206

Original Funding Year: 2019-20

General Plan Element Goals: CR-1

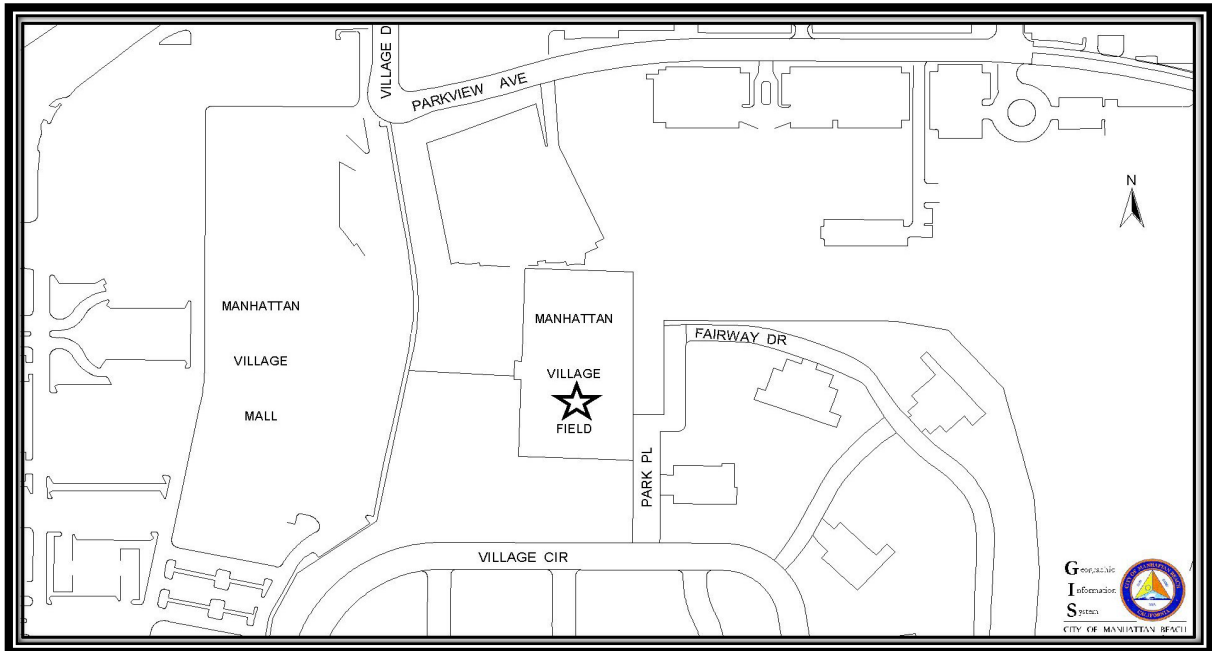
Project Title: Replace Light Controllers at Manhattan Village Field

Description: Update field lighting with control link (a system for flexible control and management of lights).

Justification: Over 5,000 AYSO, youth club and adult soccer participants play soccer annually in the City of Manhattan Beach. Synthetic turf fields allow year round use to accommodate the communities needs. Manhattan Village Soccer Field has existing lighting that needs to have a control link (a system for flexible control and management of lights).

Project Cost Information:	Funding Source(s):	Prior Yr Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	CIP Fund	\$	100,230	-	-	-	-	\$ 100,230
	TOTAL	\$	100,230	\$ -	\$ -	\$ -	\$ -	\$ 100,230

Location Map:



**City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: CIP Fund

Carryover Project #: OT20204

Original Funding Year: 2019-20

General Plan Element Goals: CR-3

Project Title: School District Project

Description: The City will perform a CIP project for and in partnership with the Manhattan Beach Unified School District. The exact project scope and location will be determined.

Justification: The City of Manhattan Beach, in line with General Plan Element Goal CR-3, strives to "maintain relationships with educational institutions, as they represent a cornerstone of the community's foundation."

Project Cost Information:	Funding Source(s):	Prior Year	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
		Appropriation						
	CIP Fund	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,500,000
	TOTAL	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,500,000

Location

Map:

No map; location to be determined

City of Manhattan Beach Capital Improvement Plan FY2023-2027 Summary Sheets

Category:

- ☐ Carryover Project (Received previous appropriation)
☒ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: CIP Fund

Carryover Project #: N/A

Original Funding Year: N/A

General Plan Element Goals: I-1

Project Title: Biennial Slurry Seal Program - MBUSD

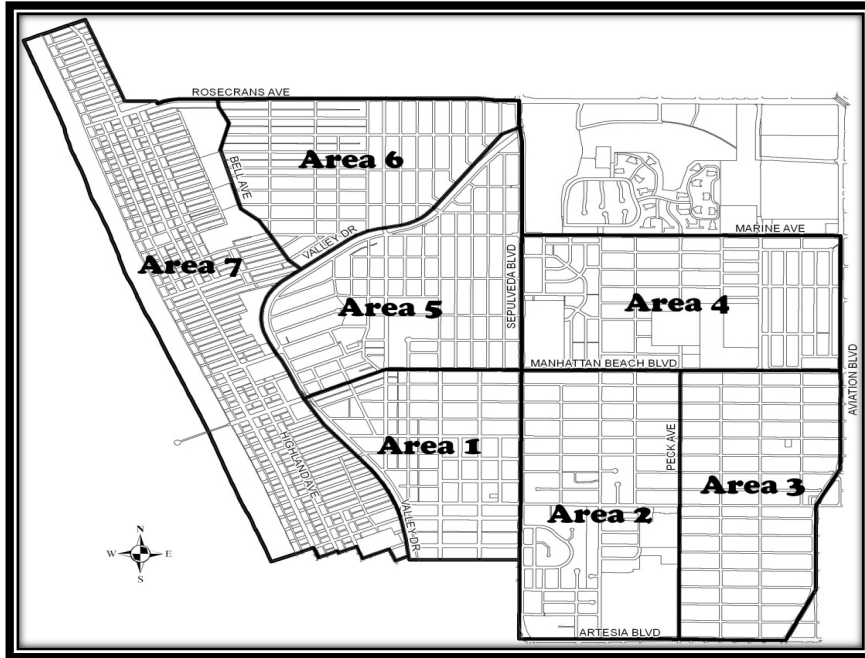
Description: As part of the biennial program to slurry seal City's streets, this project includes slurry seal of the School District properties located within each Slurry Seal Area.

Justification: At the request of the School District, the School District properties within each Slurry Seal Area will be included in the Biennial Slurry Seal Program as funds allow. The slurry seal process works to protect and prolong the life of City streets. This cost is dependent upon oil prices and is adjusted based upon current cost data. The program reflects a continuation of the City's policy to slurry seal streets on a seven area cycle.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	CIP Fund	\$ -	\$ 50,000	-	\$ 50,000	-	\$ 50,000	\$ 150,000
	TOTAL	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ 150,000

Location

Map:



City of Manhattan Beach **Capital Improvement Plan FY2023-2027** **Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: CIP Fund

Carryover Project #: OT22003

Original Funding Year: 2014-15

General Plan Element Goals: LU-3, I-12, CS-1

Project Title: City Owned Refuse Enclosures Improvements

Description: 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.

Justification: Trash enclosures are required to have drainage to the sanitary sewer system under the Manhattan Beach Municipal Code.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	CIP Fund	\$ 50,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 800,000
	TOTAL	\$ 50,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 800,000

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: CIP Fund

Carryover Project #: ST13829

Original Funding Year: 2012-13

General Plan Element Goals: I-1, I-2, I-3, I-4, I-6

Project Title: Non-Motorized Transport Prog. (Bikelanes, Crosswalks)

Description: Provision for features to enhance non-motorized modes of transportation such as walking and biking.

Justification: Improvements such as high visibility pedestrian crossings, bike lanes, pedestrians and bicycle related traffic calming measures and other bicycle and pedestrian amenities would be funded through this project. Specific projects to be pursued include ones identified in the South Bay Bicycle Master Plan. This duplicate account will be spent out and the projects will be funded through the Annual Non-Motorized Transportation Program in the future.

Project Cost Information:	Funding Source(s):		Prior Year	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
			Appropriation						
	CIP Fund		\$ 23,092	\$ -	-	-	-	-	\$ 23,092
	TOTAL		\$ 23,092	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,092

Location

Map:

No map; locations to be determined in Plan

**City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: CIP Fund

Carryover Project #: ST18202

Original Funding Year: 2021-22

General Plan Element Goals: I-1

Project Title: City Wide Street Light LED Retrofit Project

Description: The scope of work includes installation of 942 City owned LED streetlight fixtures on 825 poles located on arterial and residential streets. The specifications also called for installing LED light fixtures with marine coating if they were located within one mile of the coast. All LED fixtures include photocell sensors to automatically manage lighting (dusk to dawn).

Justification: As estimated in the staff report for City Council on February 21, 2017, once the City's street lights are retrofitted to LED lamps they will be assigned SCE's lower LS-2 (customer owned) rate, thereby saving an approximately \$87,500 annually, of which \$35,000 is being set aside annually for future maintenance and repairs. The retrofit is also estimated to reduce CO2 emissions by approximately 92 metric tons. The project is complete and will be closed out.

Project Cost Information:	Funding Source(s):	Prior Year	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
		Appropriation						
	CIP Fund	\$ 16,509	-	-	-	-	-	\$ 16,509
	TOTAL	\$ 16,509	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,509

Location

Map:

No map; Citywide Streetlights owned by the City are all included.

City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Multiple Funds

Carryover Project #: ST15832

Original Funding Year: 2014-15

General Plan Element Goals: LU-3.4, I-1, I-2.3, I-6

CIP

Parking Fund

Project Title: Way Finding Program (Phase I)

Description: Uniform sign design to be employed Citywide. Phase I includes parking signage in the Downtown area.

Justification: Current signs are a mix of "one-off" custom designs, departmental brandings, and standard regulatory style signs. In order to provide uniformity and location familiarity while in and around City of Manhattan Beach facilities, standardized layout, color, sizing, typeface/font, and logo/branding is desirous. Residents and visitors alike should be able to readily identify City owned and operated facilities.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	CIP Fund	\$ 2,319	-	-	-	-	-	\$ 2,319
	Parking Fund	\$ 239,778	\$ 200,000	-	-	-	-	\$ 439,778
	TOTAL	\$ 239,778	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 442,097

Location Map:

No map; signs evaluated Citywide.

**City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: CIP Fund

Carryover Project #: ST15835

Original Funding Year: 2014-15

General Plan Element Goals: I-6

Project Title: Annual Non-Motorized Transportation Program (Bike Lanes, Crosswalks, Etc.)

Description: Provision of features to enhance non-motorized modes of transportation such as walking and biking.

Justification: This project provides an annual account from which pedestrian and bicycle enhancements could be funded. Improvements such as high visibility pedestrian crossings, bike lanes, pedestrian and bicycle related traffic calming measures and other bicycle and pedestrian amenities would be funded through this project. Specific projects to be pursued include ones identified in the South Bay Bicycle Master Plan.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	CIP Fund	\$ 157,715	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 907,715
	TOTAL	\$ 157,715	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 907,715

Location

Map:

Various locations; citywide

**City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Multiple Funds

Prop A and CIP

Carryover Project #: RC20201

Original Funding Year: 2019-20

General Plan Element Goals: CR-1

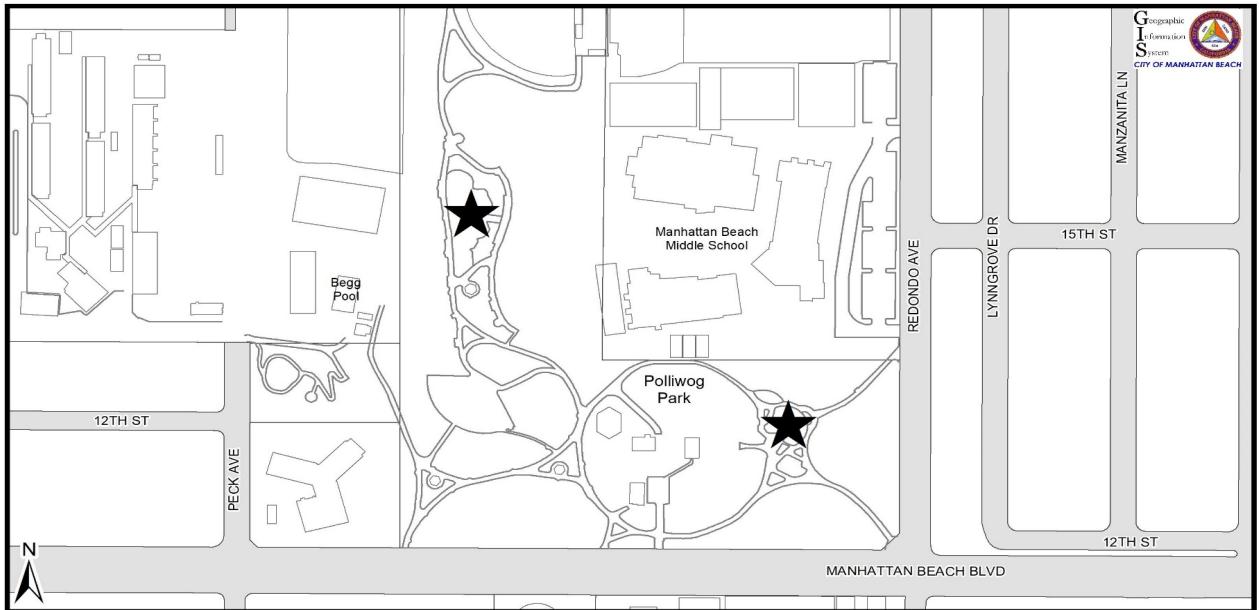
Project Title: Polliwog Park Playground Replacement (Prop A/CIP)

Description: Resurface the playground areas of the upper playground at Polliwog Park, and resurface and replace the playground equipment at the lower playground at Polliwog Park.

Justification: The existing surface area in both playground areas and the lower playground equipment at Polliwog Park has reached its useful life and must be resurfaced and replaced.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Prop A/CIP	\$ 1,952,579	-	-	-	-	-	\$ 1,952,579
	TOTAL	\$ 1,952,579	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,952,579

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Public Art Trust Fund

Carryover Project #: RC20202

Original Funding Year: 2019-20

General Plan Element Goals: CR-2

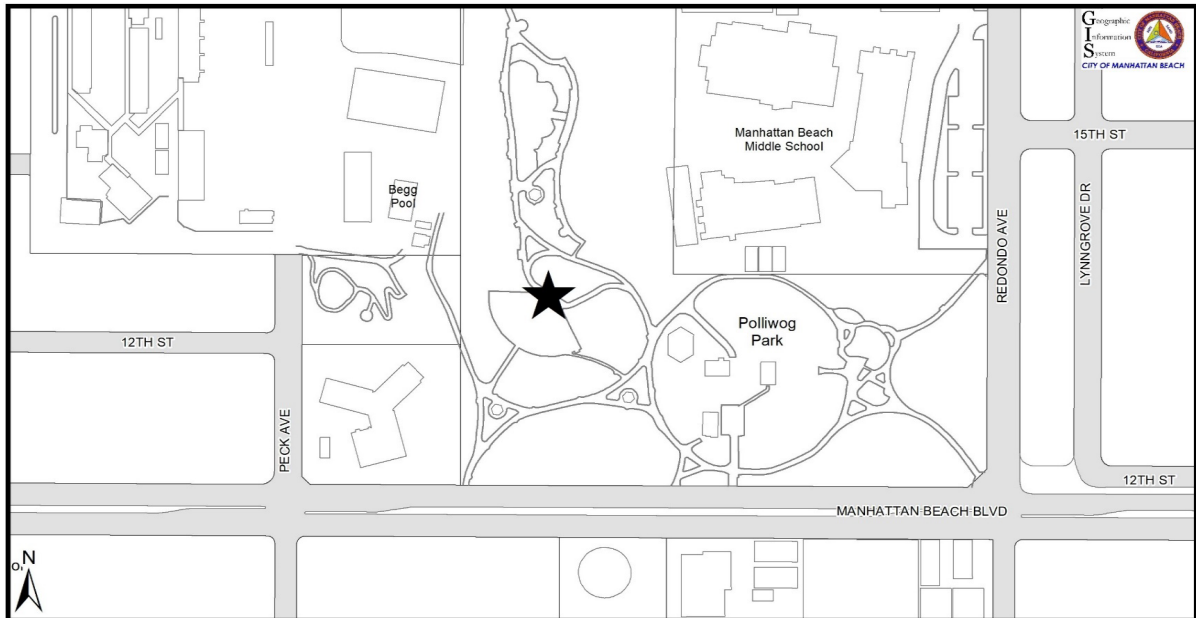
Project Title: Polliwog Band Stage Design (Public Art Trust Fund)

Description: Construct a permanent band stage in the amphitheater area of Polliwog Park with art elements.

Justification: The current use of the City's 20+ year old "bandshell" for Concerts in the Parks requires extensive set up, electrical and tear down with each use. Constructing a permanent band stage in the amphitheater area would conserve City resources and allow for a more efficient set up/tear down during Concerts in the Park.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Public Art Trust Fund	\$ 100,000	-	-	-	-	-	\$ 100,000
	TOTAL	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000

Location Map:



City of Manhattan Beach **Capital Improvement Plan FY2023-2027** **Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Multiple Funds

Street & Highway, & CDBG

Carryover Project #: ST19104, ST19204

CIP Fund

Original Funding Year: 2018-19

General Plan Element Goals: LU-3, LU-4, I-1, I-6, HE-3, CR-1 & CS-1

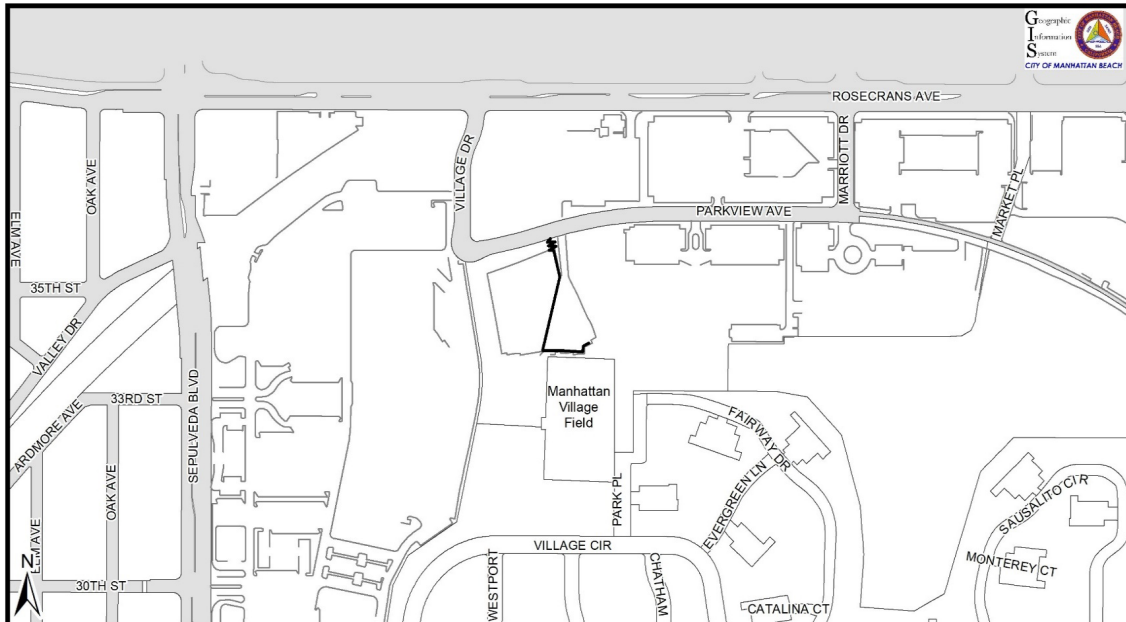
Project Title: Manhattan Village Field Senior Villas ADA Pathway - Construction (Street & Highway, CDBG)

Description: Installing ADA pathway to connect pedestrian walkways on Parkview Avenue to the Manhattan Beach Village Field and Senior Villas.

Justification: The existing driveway to the Manhattan Beach Village Field, Senior Villas and City Public Park currently lacks an ADA accessible pedestrian pathway connecting to the public street sidewalk on Parkview Ave. This project will construct an ADA compliant pathway connecting the Village Field, Senior Villas and the City Public Park to the public sidewalk located on Parkview Ave.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Streets & Highway	\$ 138,150	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 138,150
	CIP Fund	\$ 660,895	\$ 50,000.00	-	-	-	-	\$ 710,895
	CDBG Funds	\$ 2,190	-	-	-	-	-	\$ 2,190
	TOTAL	\$ 801,235	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 851,235

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Grant Funded

CDBG

Carryover Project #: N/A

Original Funding Year: 2019-20

General Plan Element Goals: I-1, I-6

Project Title: Annual ADA Improvements Program (CDBG Funds)

Description: Construct concrete access ramps at various locations throughout the City.

Justification: The Community Development Block Grant (CDBG) Program provides for the development of viable urban communities by providing decent housing, a suitable living environment, and expanded economic opportunities primarily for persons of low and moderate income. Eligible activities under the CDBG Program include activities related to housing, other real property activities (code enforcement, historic preservation), public facilities, activities related to public services, activities related to economic development, and assistance with community based development organizations. CDBG funds may be used for the acquisition, construction, reconstruction, rehabilitation, or installation of public improvements or public facilities. Public Improvements includes, but is not limited to, streets, sidewalks, water and sewer lines, and parks.

**Project Cost
Information:**

Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
CDBG	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
TOTAL	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000

**Location
Map:**

No map; Citywide

City of Manhattan Beach

Capital Improvement Plan FY2023-2027

Summary Sheets

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: CIP Fund

MV Mall

Carryover Project #: ST17204

Original Funding Year: 2016-17

General Plan Element Goals: I-4

Project Title: Sepulveda Blvd./Oak Ave. Neighborhood Intrusion Study (Manhattan Village Mall)

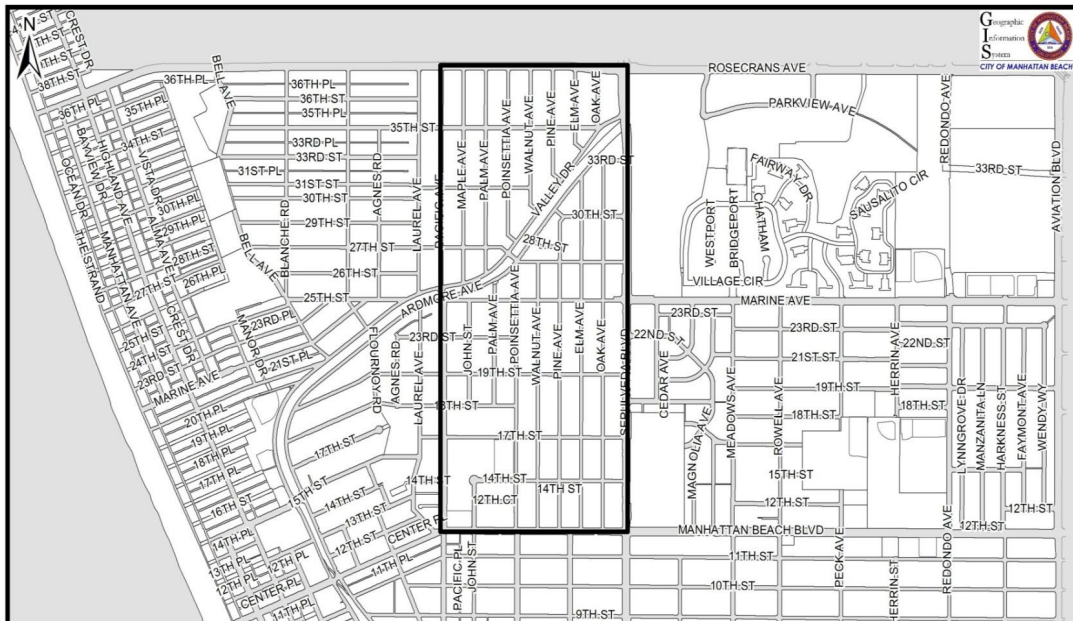
Description: Conduct a traffic management study to evaluate existing and future traffic intrusion in the neighborhood west of Sepulveda Boulevard between Rosecrans Avenue and Manhattan Beach Boulevard.

Justification: The study will follow the City's Neighborhood Traffic Management Program guidelines, including data collection, resident workshops, identification of possible measures, analysis, public review and approval. The study was requested by residents and City Council during the Manhattan Village Shopping Center development approval process.

Project Cost Information:

Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
MV Mall	\$ -	\$ 50,000	-	-	-	-	\$ 50,000
TOTAL	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000

Location Map:



City of Manhattan Beach Capital Improvement Plan FY2023-2027 Summary Sheets

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Multiple Funds

Carryover Project #: BL15829

Original Funding Year: 2014-15

General Plan Element Goals: LU-3, LU-3.1

CIP

Construction Bond Fund

Project Title: Fire Station No. 2 Replacement

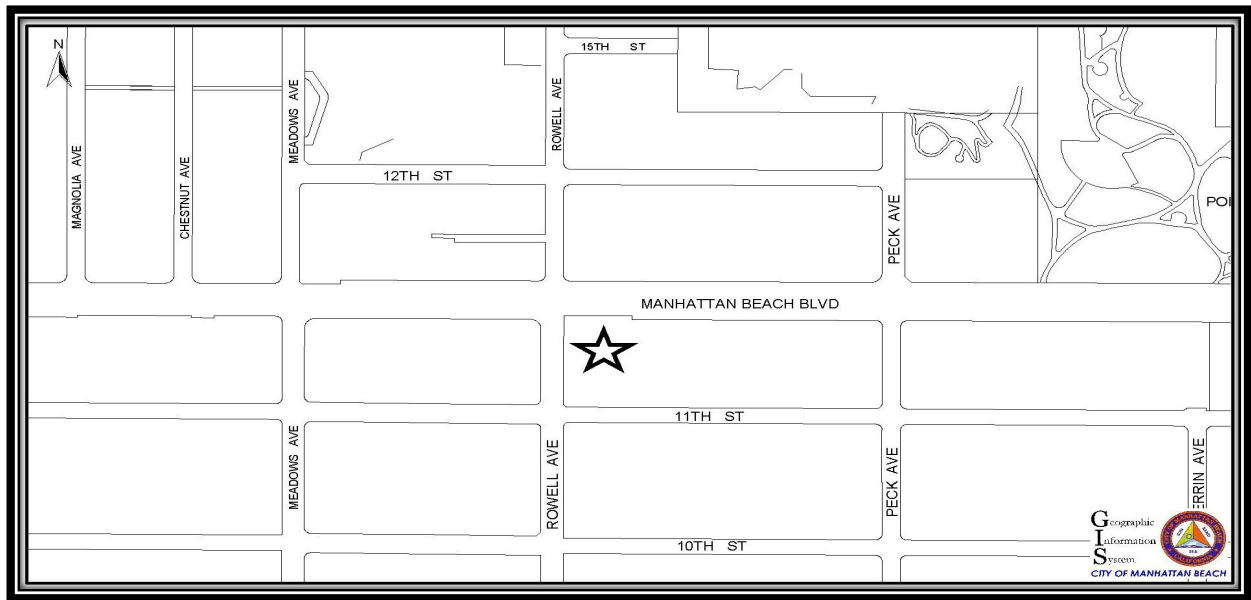
Description: Design and construct a replacement building for Fire Station 2, located at 1400 Manhattan Beach Blvd.

Justification: The existing facility was built in 1954. It is not seismically retrofitted, nor does it meet all standards of an essential facility, including accommodations for female firefighters. In March 2021, City Council authorized the solicitation of bids for the construction of the fire station and approved funding the construction phase utilizing Certificates of Participations (COPs). Construction began in November 2021.

**Project Cost
Information:**

Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
CIP Fund	\$ 276,762	-	-	-	-	-	\$ 276,762
Construction Bond Fund	\$ 6,198,842	-	-	-	-	-	\$ 6,198,842
TOTAL	\$ 276,762	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,475,604

**Location
Map:**



City of Manhattan Beach **Capital Improvement Plan FY2023-2027** **Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Water Fund

Carryover Project #: WA16302

Original Funding Year: 2015-16

General Plan Element Goals: I-7

Project Title: Annual Citywide Water Infrastructure Improvements

Description: The Water Master Plan lays out the areas for replacement/installation.

Justification: The existing water mains to be replaced are mostly 4" cast iron mains more than 60 years old. Increasing to 6" mains or larger would provide adequate fire flows in the area.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Water Fund	\$ 1,804,579	\$ -	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 13,804,579
	TOTAL	\$ 1,804,579	\$ -	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 13,804,579

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Water Fund

Carryover Project #: WA17302

Original Funding Year: 2016-17

General Plan Element Goals: I-7

Project Title: Water Meter Upgrade and Automation

Description: 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.

Justification: Will help the City streamline the water and wastewater billing process, including reducing the labor necessary to read traditional water meters. Will give the City real-time data to better serve customers and give them the information they need to conserve water, thereby lowering their water bills. Customers can also view their own consumption and water loss patterns on a 24/7 basis. It will also help the City substantially decrease non-revenue water by detecting water loss in the distribution network

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Water Fund	\$ 1,362,161	-	-	-	-	-	\$ 1,362,161
	TOTAL	\$ 1,362,161	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,362,161

Location

Map:

No map; Citywide

City of Manhattan Beach Capital Improvement Plan FY2023-2027 Summary Sheets

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Water Fund

Carryover Project #: WA18301

Original Funding Year: 2017-18

General Plan Element Goals: I-7

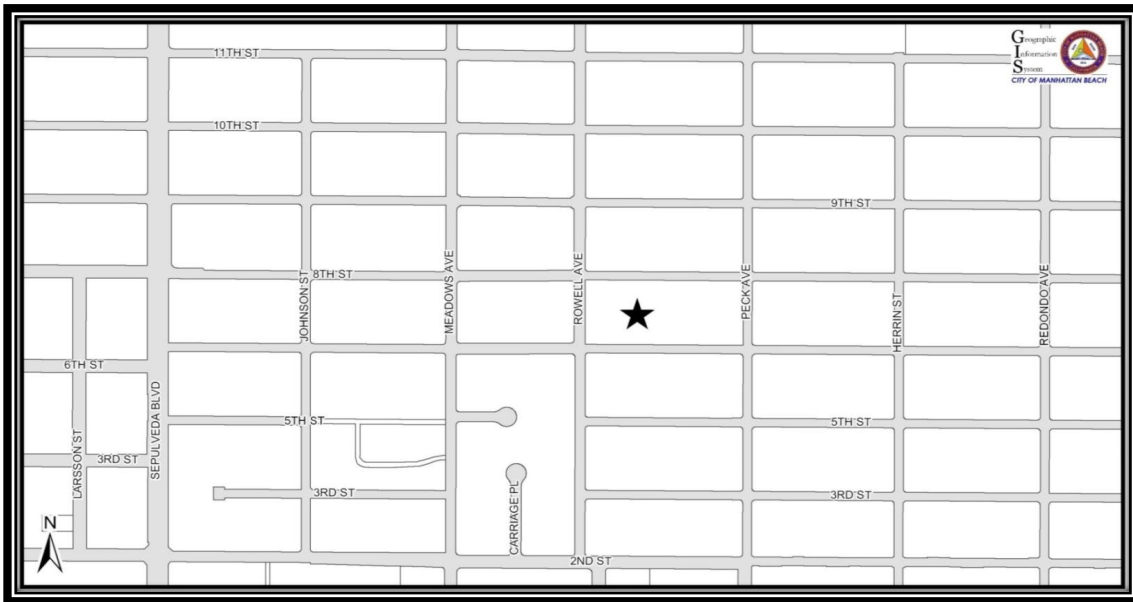
Project Title: Block 35 Ground Level Reservoir Replacement (Design Only)

Description: Prepare the design portion only of a potential new, larger capacity water reservoir at Block 35.

Justification: Block 35 Ground Level Reservoir (2 million-gallons) was originally constructed in 1948. Due to leakage at the wall/floor joint at high water levels, the reservoir is operated at half full level. This is the facility where most of the blending takes place, and from where water is pumped into the system. Therefore, its integrity is essential for proper operation of the water system. It is at the end of its useful life, and should be replaced with a new, larger reservoir. The appropriate size of the new water reservoir will be determined during the planning phase of design.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Water Fund	-	-	-	-	\$ 1,200,000	-	\$ 1,200,000
	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000	\$ -	\$ 1,200,000

Location Map:



City of Manhattan Beach Capital Improvement Plan FY2023-2027 Summary Sheets

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Water Fund

Carryover Project #: WA12828

Original Funding Year: 2011-12

General Plan Element Goals: I-7

Project Title: Larsson Street and 2nd Street Booster Station Improvement

Description: Installation of new motors, pumps, variable speed drives, motor controls, control valves, relief valve, piping, and wiring.

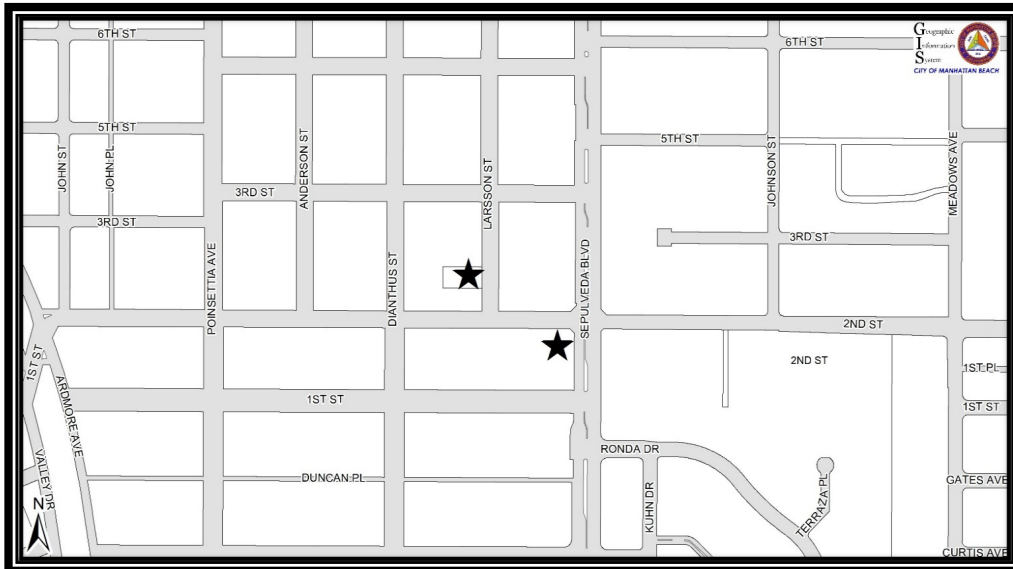
Justification: Presently the Larsson Street Pump Station consists of three electric pumps with variable speed drives. At times, all three pumps are called to provide peak domestic service and on occasion, the 2nd Street Pump Station is also called to assist. Optimally, peak domestic service should be served by two of the three pumps at the station. This would allow one of the pumps to be taken out of service for maintenance without requiring the 2nd Street pump station to be called.

The Larsson project would provide three new pumps at the station such that two pumps should handle peak domestic service. Three new pumps and variable speed drives would be installed along with new motor controls, control valves, relief valve, piping, and wiring.

Project Cost Information:

Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
Water Fund	\$ 1,356,357	-	-	-	-	-	\$ 1,356,357
TOTAL	\$ 1,356,357	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,356,357

Location Map:



City of Manhattan Beach **Capital Improvement Plan FY2023-2027** **Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Water Fund

Carryover Project #: WA15837

Original Funding Year: 2014-15

General Plan Element Goals: I-7, LU-3, LU-4

Project Title: Paint Block 35 Elevated Tank

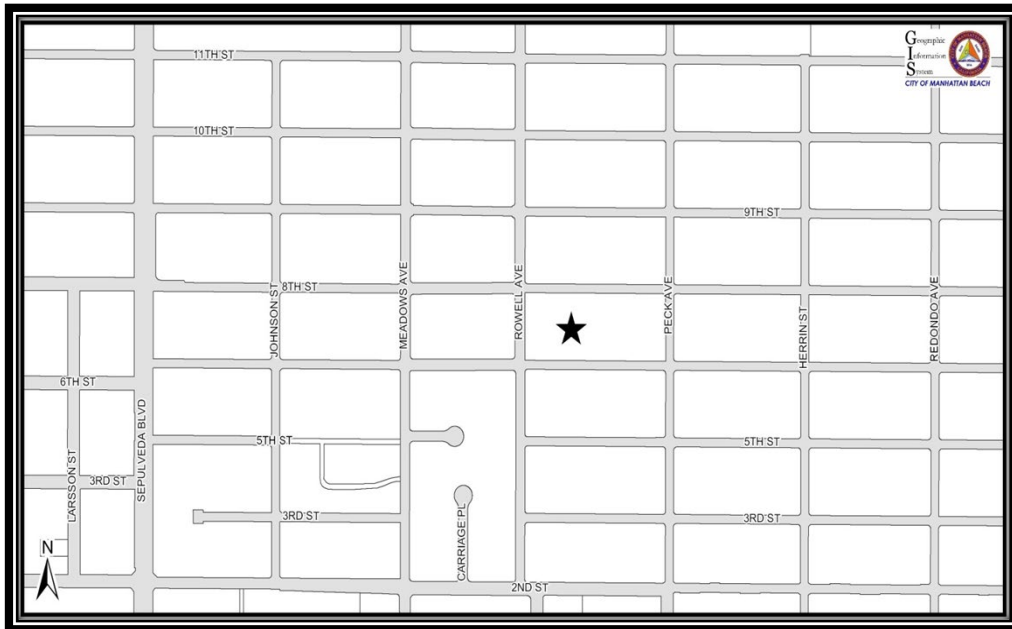
Description: Strip and paint the exterior and interior of the Block 35 Elevated Tank.

Justification: The Elevated Tank shows signs of severe rusting and paint deterioration. In order to preserve the tank's steel structure, it is imperative that the exterior and interior surfaces be repainted and epoxied in order to keep metal corrosion under control. Miscellaneous structural repairs, such as the catwalk, handrails, and ladders will be repaired or replaced.

Project Cost Information:

Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
Water Fund	\$ 76,250	-	-	-	-	-	\$ 76,250
TOTAL	\$ 76,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 76,250

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Water Fund

Carryover Project #: WA15836

Original Funding Year: 2014-15

General Plan Element Goals: CS-1.3, I-7

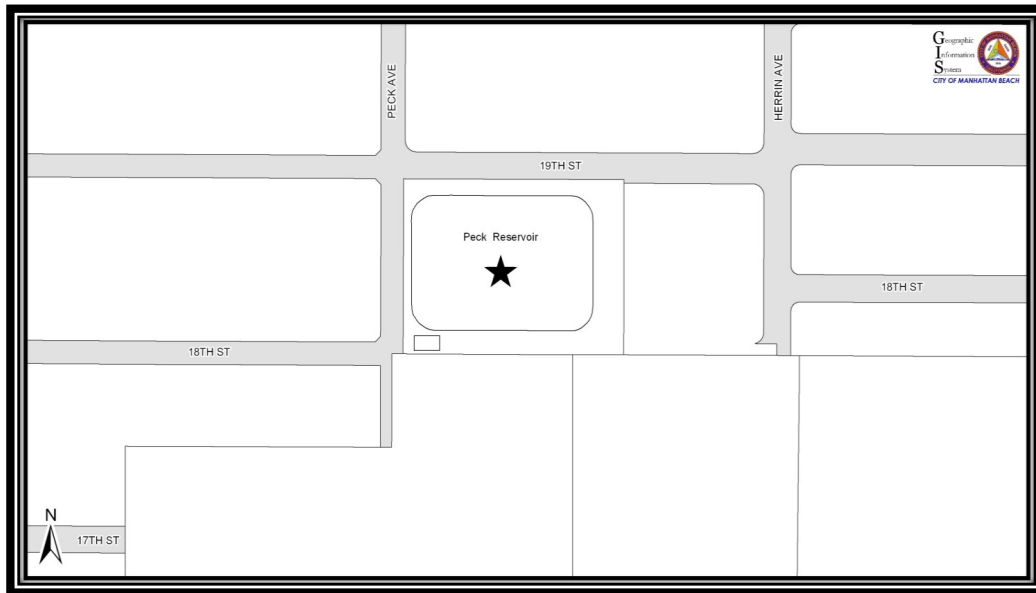
Project Title: Peck Ground Level Reservoir Replacement

Description: The City's 2010 Water Master Plan recommended replacing the existing 7.5 million gallon reservoir with an 8 million gallon potable water storage reservoir. The project will also reconstruct the booster pump station, operations building, and construct a new groundwater filtration treatment facility. In addition, the project will replace a portion of the existing off-site well pipeline entering the east side of the site from 18th Street and Herrin Ave. New landscaping, perimeter fencing and sidewalk will help secure and buffer the site from the surrounding neighborhood.

Justification: Initially built in 1957, the Peck Reservoir has exceeded its useful life. The original concrete roof was previously replaced with a metal roof. The metal roof has since deteriorated beyond repair. The existing reservoir has no mechanical ventilation system to control condensation and temperature, which adversely impacts the disinfection residual of stored water and metallic surfaces. Despite attempts to repair leaking concrete walls and floor slab, the reservoir slowly leaks and cannot be filled beyond 15-feet of the 20-foot height of available storage.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Water Fund	\$ 12,271,518	-	-	-	-	-	\$ 12,271,518
	TOTAL	\$ 12,271,518	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,271,518

Location Map:



City of Manhattan Beach **Capital Improvement Plan FY2023-2027** **Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Water Fund

Carryover Project #: WA17301

Original Funding Year: 2016-17

General Plan Element Goals: I-7

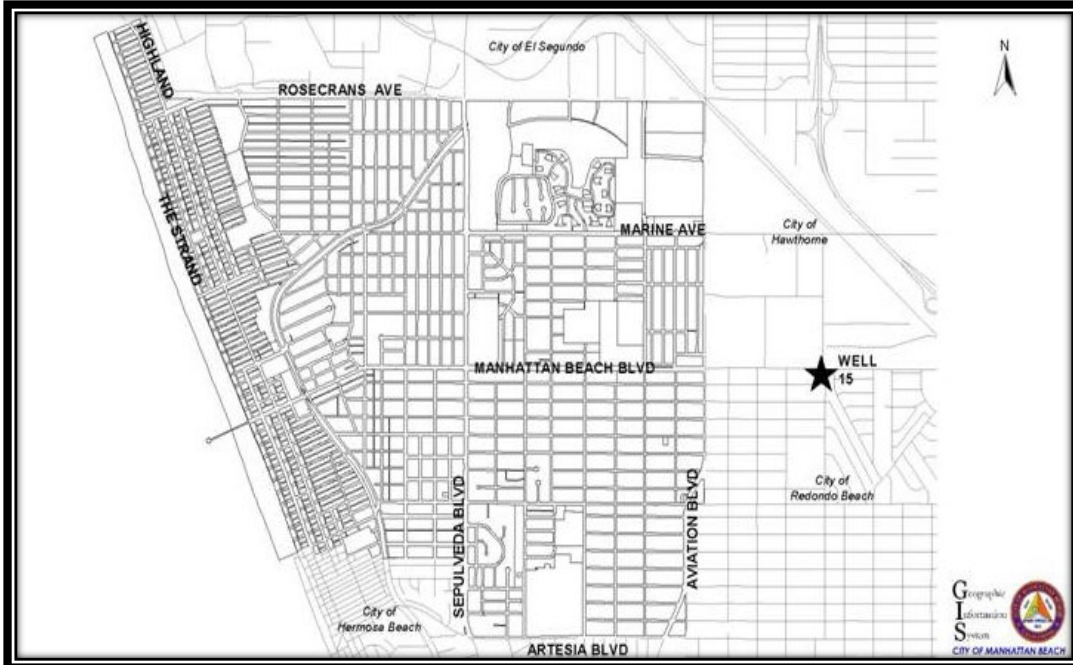
Project Title: Redrill & Equip Well 15

Description: Redrill and equip Well No. 15.

Justification: The uncertainty of the water quality due to saltwater intrusion at the planned Well 13 site presents a high risk of building costly water treatment facilities well in excess of the budgeted amount. Accordingly, Public Works has decided to re-drill and equip Well 15 in lieu of Well 13. The new well will be designed and built to produce 2,200 gpm. Combined with the 2,200 gpm produced by Well No. 11, the City will have a guaranteed source of supply equal to 4,400 gpm, which will surpass the City's average day demand of 3,940 gpm, and position the City to meet demand in the event of an MWD outage.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Water Fund	-	\$ -	\$ 650,000	-	-	-	\$ 650,000
	TOTAL	\$ -	\$ -	\$ 650,000	\$ -	\$ -	\$ -	\$ 650,000

Location Map:



City of Manhattan Beach

Capital Improvement Plan FY2023-2027

Summary Sheets

Category:

- ☒ Carryover Project (Received previous appropriation)
- ☐ New Project (Funding identified, not yet appropriated)
- ☐ Unfunded Project (Funding not available at this time)

Funding Source: Multiple Funds

Carryover Project #: WW11838

Original Funding Year: 2010-11

General Plan Element Goals: I-7, I-11

Water Fund

Wastewater Fund

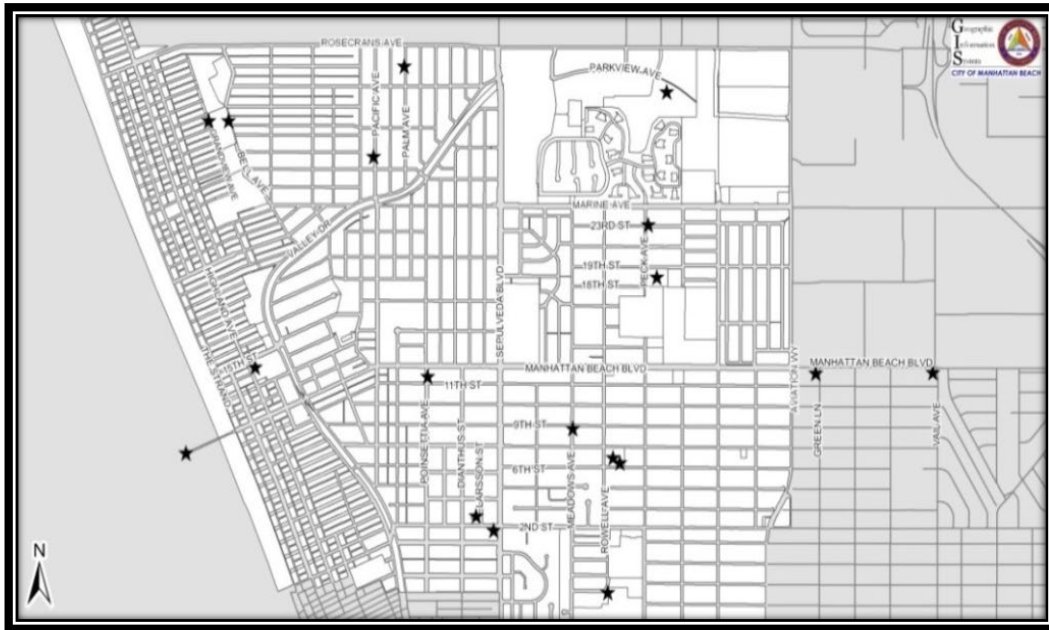
Project Title: Utility Radio Telemetry

Description: Install radio communications to 21 existing water and wastewater stations at the Public Works Maintenance Facility.

Justification: The City monitors the function of 21 critical water and sewer facilities on a continuous basis. Presently, telephone is the only communication mode and there is no back-up system. Redundant communication is critical to assure the function of critical water and sewer facilities. This project establishes a new radio and potential fiber optic communication system installation while maintaining the current telephone system for redundancy.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
Water Fund		- \$	- \$	215,000	-	-	- \$	215,000
Wastewater Fund		- \$	- \$	75,609	-	-	- \$	75,609
TOTAL		\$ -	\$ -	\$ 290,609	\$ -	\$ -	\$ -	\$ 290,609

Location Map:



City of Manhattan Beach Capital Improvement Plan FY2023-2027 Summary Sheets

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Water Fund

Carryover Project #: WA19302

Original Funding Year: 2018-19

General Plan Element Goals: LU-3, LU-4, I-7, HE-3, & CS-1

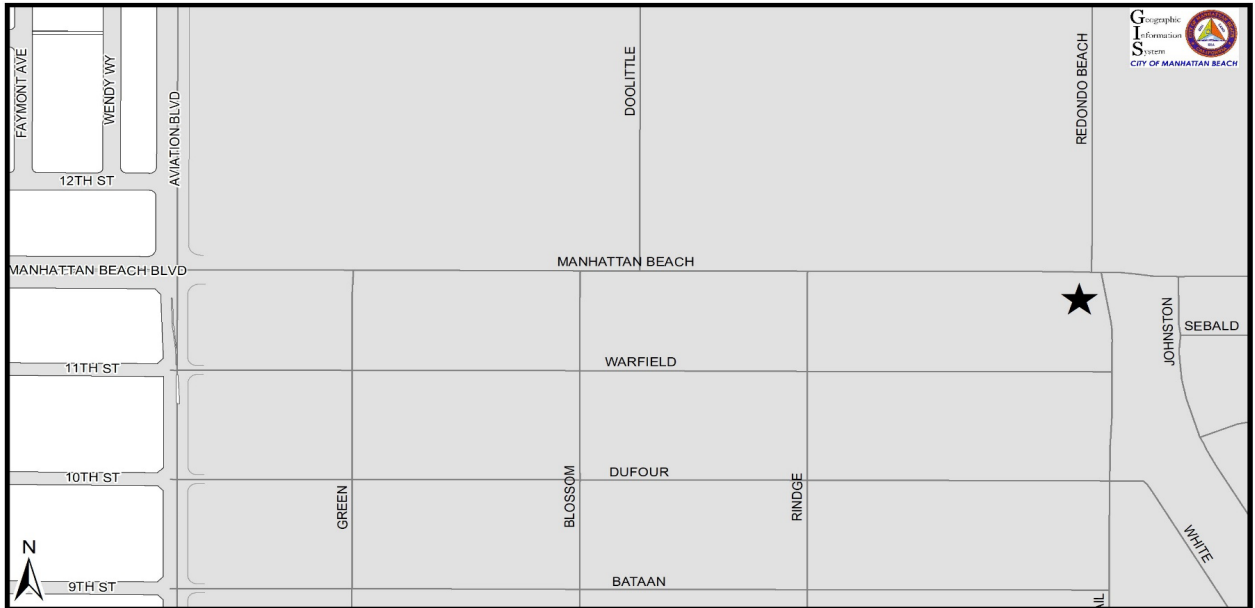
Project Title: Well 15 Electrical Panel Replacement and Variable Frequency Drive (VFD) Installation

Description: Retrofit existing Well 15 water pumping system to incorporate VFD and replace electrical panel.

Justification: The current electrical panel at Well 15 has aged and deteriorated due to exposure to the elements and needs replacement. Additionally, installation of a Variable Frequency Drive (VFD) will allow water operations additional flexibility with blending well groundwater and MWD water to keep water quality consistent in the distribution system.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Water Fund	-	\$ -	\$ 300,000	-	-	-	\$ 300,000
	TOTAL	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ 300,000

Location Map:



**City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Water Fund

Carryover Project #: WA21301

Original Funding Year: 2019-20

General Plan Element Goals: I-7, I-11

Project Title: Water Master Plan Update

Description: Last updated in 2010, the Master Plan is a guidance document for the Utilities Division's infrastructure and operations, and an update to the water system hydraulic model.

Justification: This update comes in the heels of major improvements to the water system and the need to revisit and readjust plans for improvements for the next 10 years based on demands and condition of the important aging infrastructure. The Master Plan was updated in FY21/22. This project will be closed out.

Project Cost Information:	Funding		Prior Year	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Source(s):		Appropriation						
	Water Fund		\$ 43,385	-	-	-	-	\$ 150,000	\$ 193,385
	TOTAL		\$ 43,385	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 193,385

Location

Map:

No map; plan update

City of Manhattan Beach **Capital Improvement Plan FY2023-2027** **Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Water Fund

Carryover Project #: WA20301

Original Funding Year: 2019-20

General Plan Element Goals: I-7, I-11

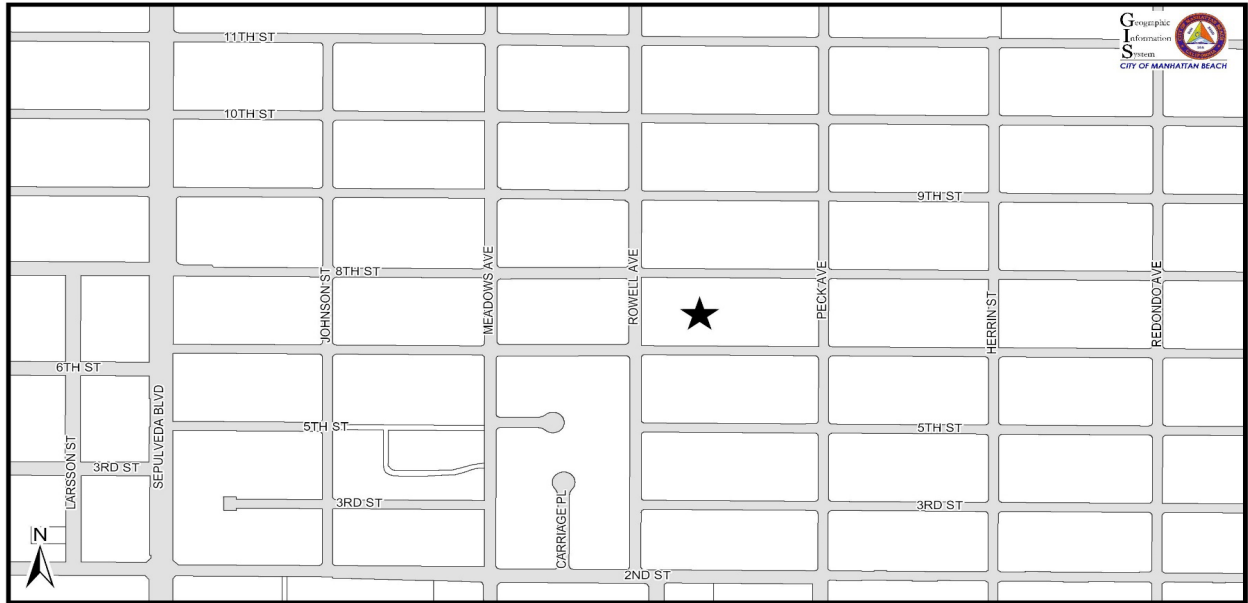
Project Title: Electronics Automation (SCADA)

Description: Automation of water supply equipment and replacement of communications equipment.

Justification: Adjustments to the water supply equipment are currently performed manually. Automation will allow the same excellent water quality expected by the community without manual adjustments. The communications equipment must be replaced for compatibility with the water supply equipment.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Water Fund	\$ 200,000	-	-	-	-	-	\$ 200,000
	TOTAL	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Water Fund

Carryover Project #: WA22004

Original Funding Year: 2018-19

General Plan Element Goals: LU-3, LU-4, I-7, HE-3, CS-1

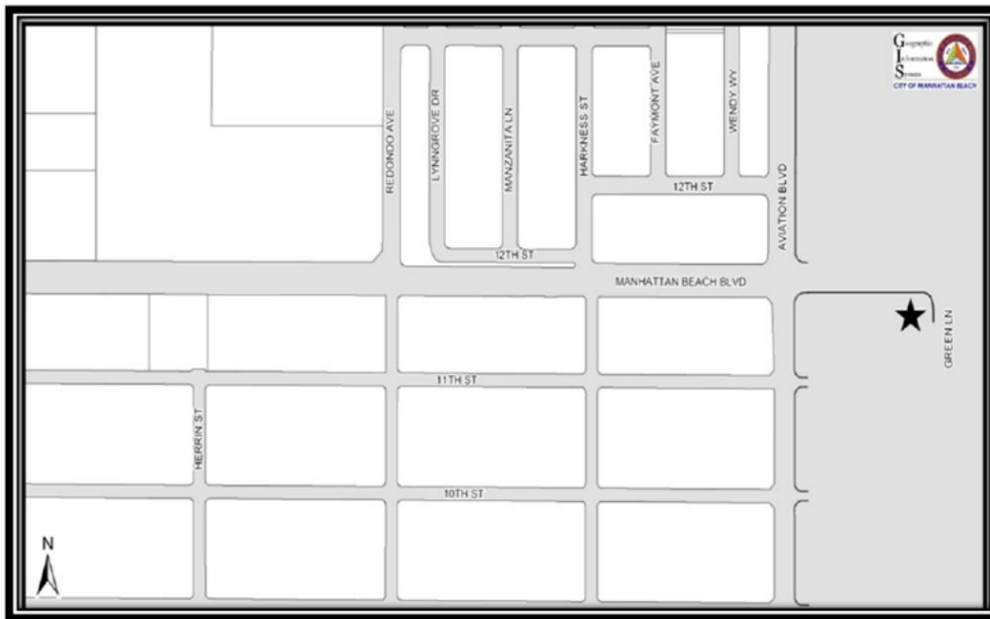
Project Title: Variable Frequency Device Well 11a

Description: Retrofit existing Well 11A water pumping system to incorporate variable frequency drive (VFD) installation.

Justification: Well 11A VFD installation will allow water operations additional flexibility with blending well groundwater and imported Metropolitan Water District water to keep water quality consistent in the distribution system.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Water Fund	\$ 101,792	-	-	-	-	-	\$ 101,792
	TOTAL	\$ 101,792	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 101,792

Location Map:



City of Manhattan Beach **Capital Improvement Plan FY2023-2027** **Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Water Fund

Carryover Project #: N/A

Original Funding Year: 2021-22

General Plan Element Goals: I-7

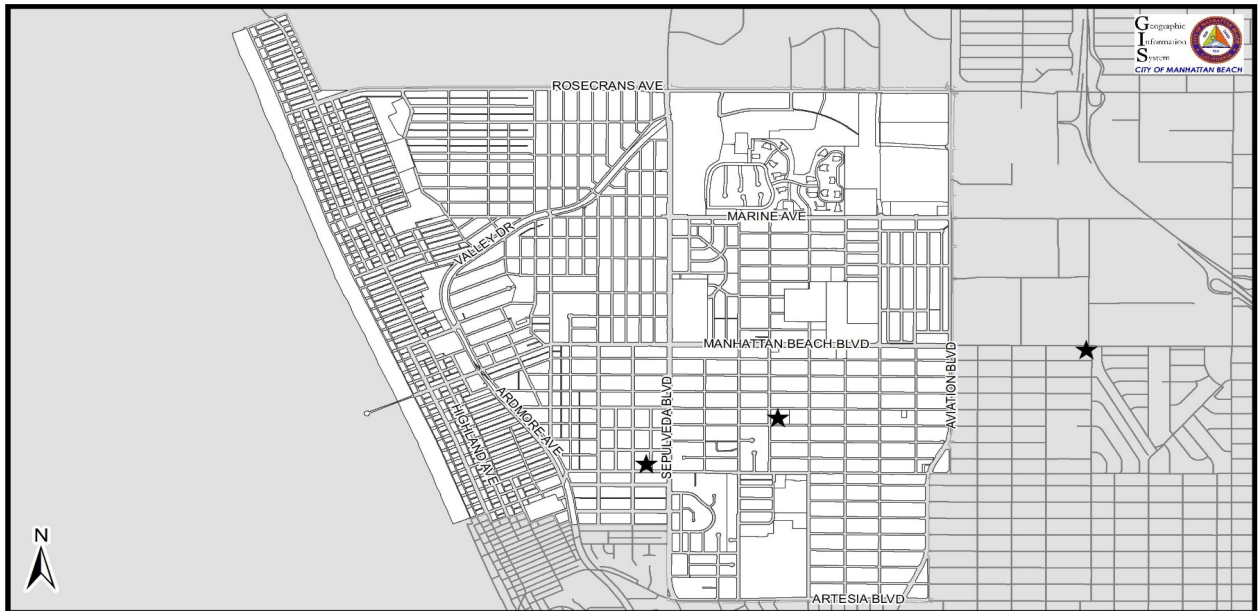
Project Title: Generator Upgrades - Well 15 and Block 35

Description: Replace existing generators with new and more efficient models at the Larsson, Well 15 and Block 35.

Justification: The current generators are almost 20 years old and in need of replacement.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Water Fund	\$ -	\$ -	\$ 250,000	\$ 250,000	-	-	\$ 500,000
	TOTAL	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ 500,000

Location Map:



City of Manhattan Beach Capital Improvement Plan FY2023-2027 Summary Sheets

Category:

- ☐ Carryover Project (Received previous appropriation)
☒ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Water Fund

Carryover Project #: N/A

Original Funding Year: N/A

General Plan Element Goals: I-7

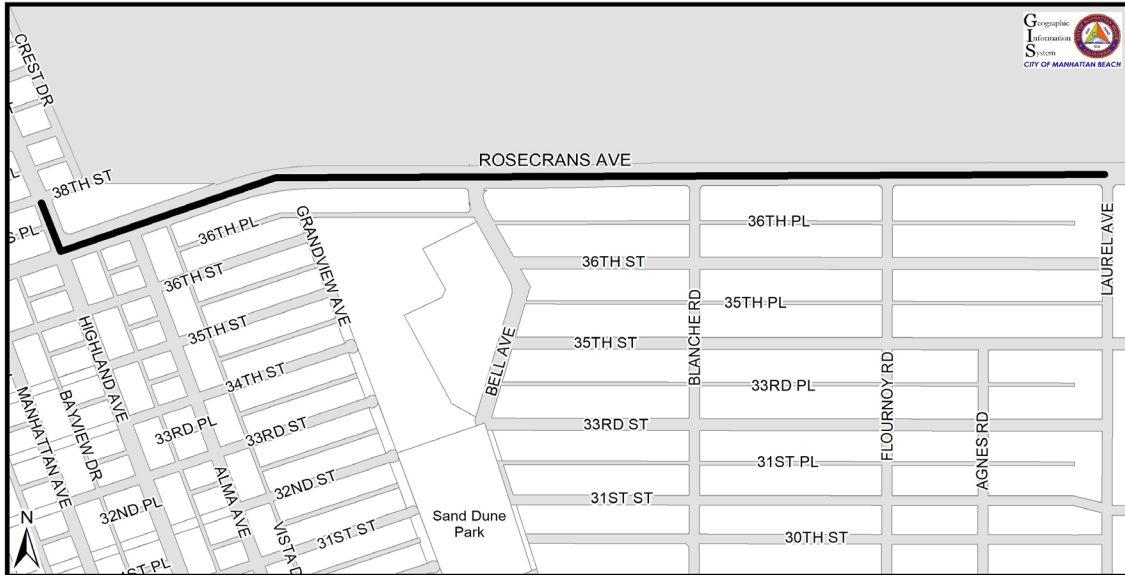
Project Title: Rosecrans Ave. Pipeline Replacement Project (Phase 1)

Description: Proposed Phase 1 includes the construction of a new 12-inch pipeline parallel to the existing 8-inch pipeline along Rosecrans Avenue from Sepulveda Boulevard to Highland Avenue and along Highland Avenue to 38th Street. The 12-inch pipeline will connect to the existing distribution via 12-inch at the intersection of Rosecrans and Laurel Ave.

Justification: This project is one of the high priority projects identified in the 2021 Water Master Plan and would improve water quality and fire follow in the El Porto area.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Water Fund	-	-	-	-	\$ 1,200,000	\$ 3,400,000	\$ 4,600,000
	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000	\$ 3,400,000	\$ 4,600,000

Location Map:



**City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Stormwater Fund

Carryover Project #: SW16401

Original Funding Year: 2015-16

General Plan Element Goals: I-9, I-12

Project Title: Storm Drain Capital BMPs (Best Management Practices)

Description: Installation of storm drain debris collection devices to prevent trash from entering storm drain pipes.

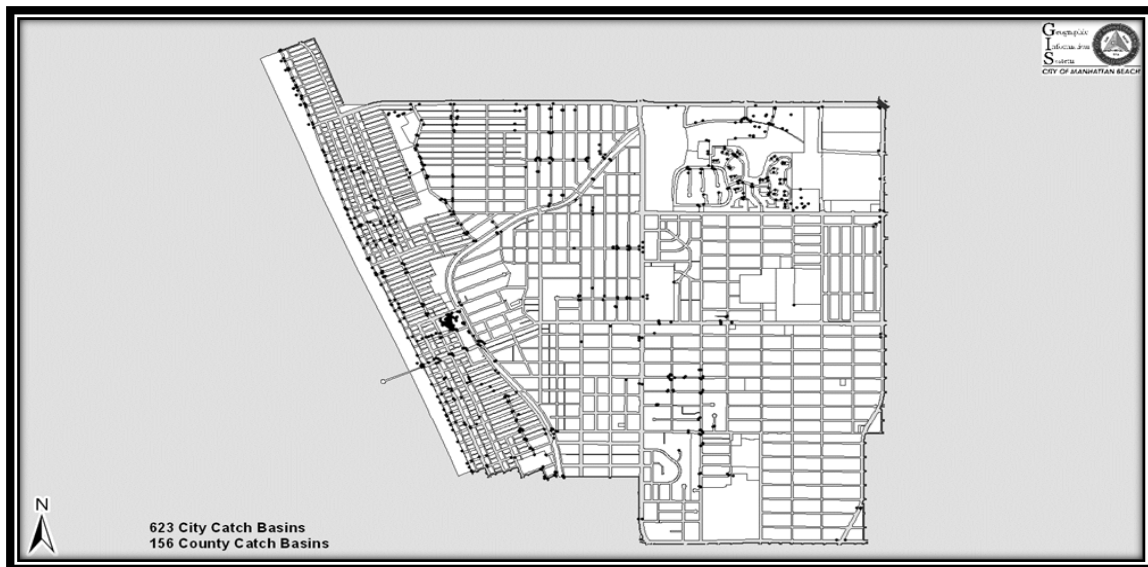
Justification: The National Pollutant Discharge Elimination System (NPDES) permit was reissued in winter 2012. This permit includes Total Maximum Daily Load (TMDL) requirements related to trash. The permit requires the installation of trash removal devices on all catch basins in the City. The Trash TMDL requires flows from a 1year/1hour design storm to be filtered through 5mm orifices. The typical insert installation consists of a connector pipe screen (CPS) installed across the outlet pipe and an automatic retractable screen (ARS) along the curb opening. The CPS possesses 5mm holes and is the device required to meet the Trash TMDL requirement. The ARS is normally closed and opens when storm flows enter the catch basin. The ARS keeps gross solids out during dry periods and reduces the build-up of debris inside the basin.

It is expected that the implementation requirement will be as follows:

- a. Install first 20% of full capture systems within 4 years of the effective date of TMDL
- b. Install next 20% of full capture systems within 5 years from effective date, and 20% more each year until 100% have been installed within 8 years of effective date

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Stormwater Fund	\$ 720,000	\$ 210,000	\$ 210,000	\$ 210,000	\$ 210,000	\$ 210,000	\$ 1,770,000
	TOTAL	\$ 720,000	\$ 210,000	\$ 210,000	\$ 210,000	\$ 210,000	\$ 210,000	\$ 1,770,000

Location Map:



City of Manhattan Beach **Capital Improvement Plan FY2023-2027** **Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
- ☐ New Project (Funding identified, not yet appropriated)
- ☐ Unfunded Project (Funding not available at this time)

Funding Source: Stormwater Fund

Carryover Project #: SW15842

Original Funding Year: 2014-15

General Plan Element Goals: I-9

Project Title: Annual Storm Drain Repairs

Description: Replace various sections of stormwater drain line.

Justification: Video inspection and analysis of the storm drain lines identified in this CIP revealed structural and operational condition assessment Defect Codes of Grade 5 - Defect Requiring Immediate Attention. The methodologies for the Defect Code categories were established by the National Association of Sewer Service Companies Pipeline Assessment and Certification Program. Severity of Defect Codes increases from 1 to 5.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Stormwater Fund	\$ 998,048	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 3,498,048
	TOTAL	\$ 998,048	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 3,498,048

Location Map:



City of Manhattan Beach **Capital Improvement Plan FY2023-2027** **Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
- ☐ New Project (Funding identified, not yet appropriated)
- ☐ Unfunded Project (Funding not available at this time)

Funding Source: Stormwater Fund

Carryover Project #: SW20401

Original Funding Year: 2019-20

General Plan Element Goals: I-9

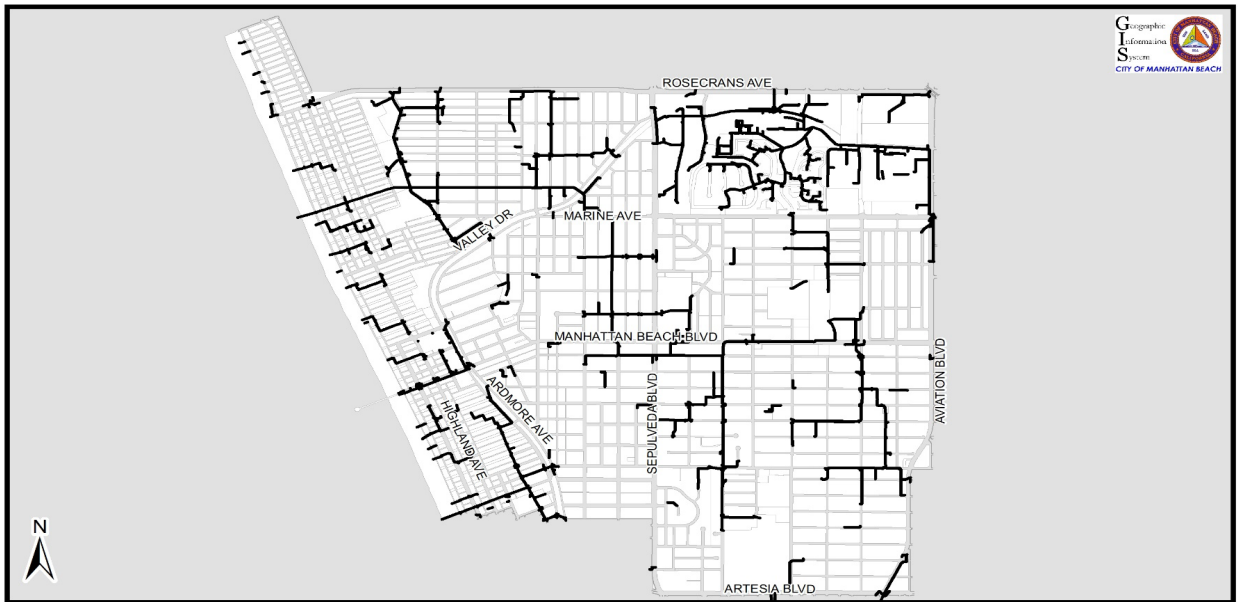
Project Title: CCTV Storm Drain System

Description: Use CCTV to perform an assessment of the City's storm drain system.

Justification: CCTV is used to provide video of storm drain systems so that cities can prioritize repairs and replacements.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Stormwater Fund	\$ 150,000	-	-	-	-	-	\$ 150,000
	TOTAL	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Stormwater Fund

Carryover Project #: ST18401

Original Funding Year: 2017-18

General Plan Element Goals: I-9

Project Title: Stormwater Master Plan Update

Description: Last updated in 1996, the update to the Master Plan will identify capacity deficiencies and need for future storm drains based on the latest design criteria established by the County.

Justification: The City's previous stormwater masterplan was last updated 21 years ago. Since that time, the City has undergone dramatic redevelopment of residential properties, which in turn has affected both drainage patterns and the volume of runoff generated to the storm drain system. An evaluation of storm drain capacity and identification of which pipes need to be upgraded is needed to better protect the community from flooding. The Master Plan was updated in FY21/22. This project will be closed out.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Stormwater Fund	\$ 39,806	-	-	-	-	-	\$ 39,806
	TOTAL	\$ 39,806	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 39,806

Location

Map:

No map; plan update

**City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Stormwater Fund

Carryover Project #: SW21401

Original Funding Year: 2019-20

General Plan Element Goals: I-9

Project Title: Beach Cities Green Streets Project

Description: Inconjunction 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.

Justification: This regional project is identified in the Beach Cities Enhanced Watershed Management Plan (EWMP) to achieve stormwater quality objectives by treating dry-weather runoff to reduce pollution and provide aesthetic benefits. City Council approved the MOU for the project on June 23, 2020.

Project Cost Information:	Funding Source(s):		Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Stormwater Fund	\$	362,500	-	-	-	-	-	\$ 362,500
	TOTAL	\$	362,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 362,500

Location

Map:

No map; locations to be determined

City of Manhattan Beach **Capital Improvement Plan FY2023-2027** **Summary Sheets**

Category:

- ☐ Carryover Project (Received previous appropriation)
☒ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Multiple Funds

Carryover Project #: N/A

Original Funding Year: N/A

General Plan Element Goals: I-7

Stormwater Fund

Measure W

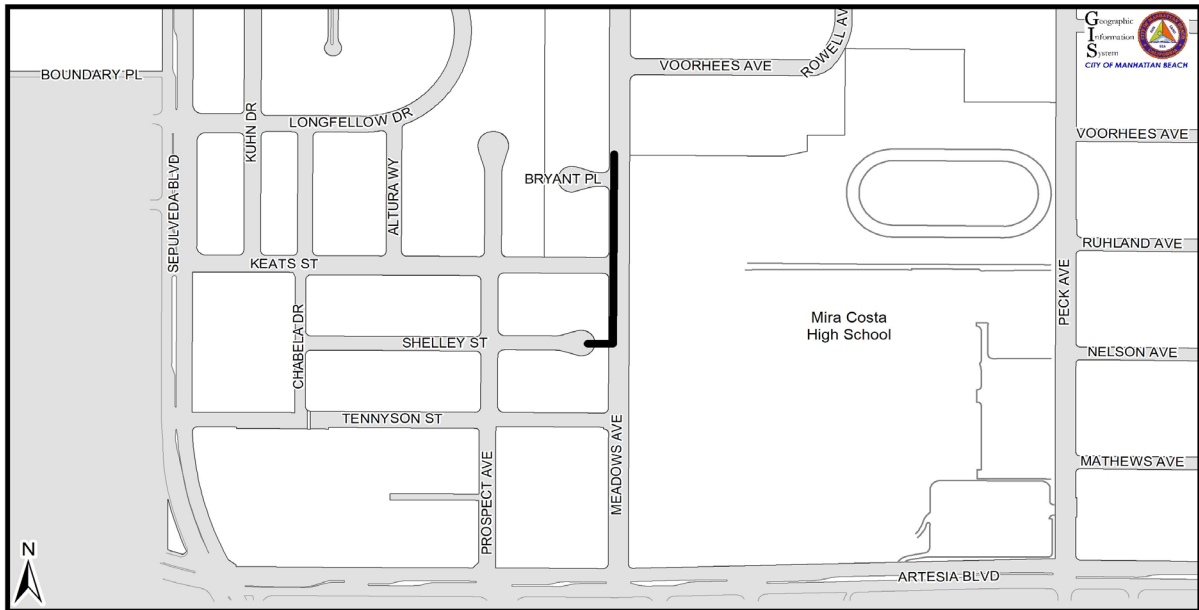
Project Title: Shelley Street Improvement Project

Description: Construction of Storm Drain piping, and additional catch basins with water quality inserts to improve water quality.

Justification: This project is one of the high priority projects identified in the 2021 Storm Drain Master Plan and would improve the flooding condition for a multitude of properties, with source of flooding being a sump at Shelly Street and South Meadows that impacts school traffic.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Measure W	-	-	-	\$ 410,000	\$ 410,000	\$ 410,000	\$ 1,230,000
	Stormwater Fund	-	-	-	-	\$ 100,000	\$ 600,000	\$ 700,000
	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 600,000	\$ 700,000

Location Map:



**City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets**

Category:

- ☐ Carryover Project (Received previous appropriation)
☒ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Measure W

Carryover Project #: SW16401

Original Funding Year: N/A

General Plan Element Goals: I-9, I-12

Project Title: TMDL Trash Treatment Project

Description: Citywide installation of trash capture devices in the stormdrain system.

Justification: To ensure compliance with the total maximum daily load (TMDL) requirements for trash in the storm system as determined by the Regional Water Quality Control Board.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Measure W	-	-	\$ 1,230,000	-	-	-	\$ 1,230,000
	TOTAL	\$ -	\$ -	\$ 1,230,000	\$ -	\$ -	\$ -	\$ 1,230,000

Location No map; Citywide
Map:

City of Manhattan Beach

Capital Improvement Plan FY2023-2027

Summary Sheets

Category:

- ☐ Carryover Project (Received previous appropriation)
☒ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Multiple Funds

Carryover Project #: N/A

Original Funding Year: N/A

General Plan Element Goals: I-7

Stormwater Fund

Measure W

Project Title: Shelley Street Improvement Project

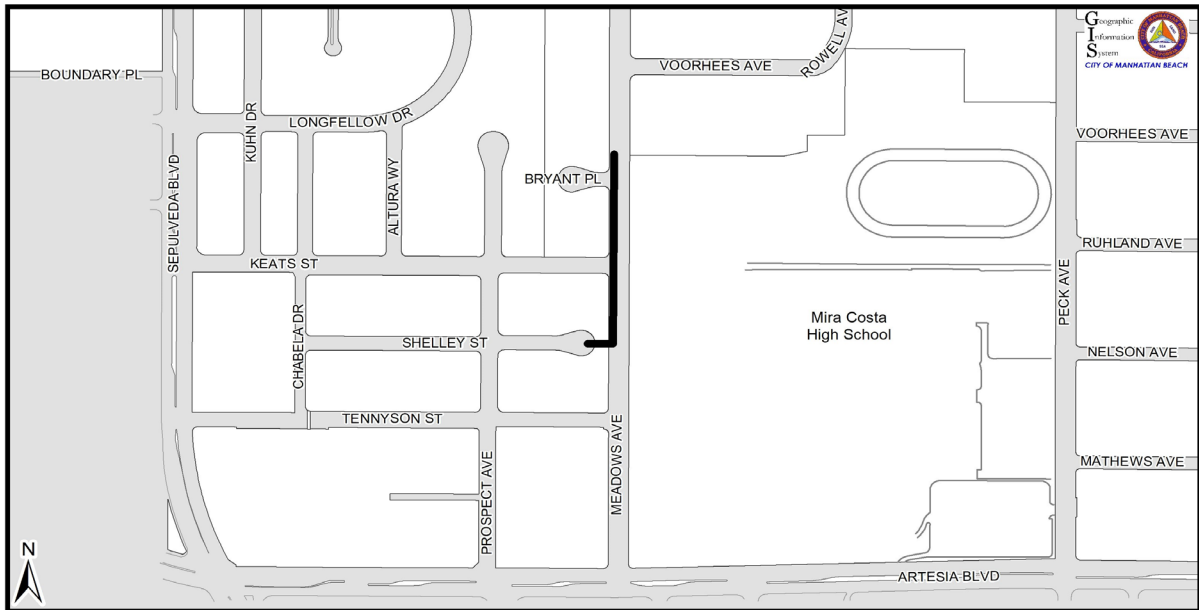
Description: Construction of Storm Drain piping, and additional catch basins with water quality inserts to improve water quality.

Justification: This project is one of the high priority projects identified in the 2021 Storm Drain Master Plan and would improve the flooding condition for a multitude of properties, with source of flooding being a sump at Shelly Street and South Meadows that impacts school traffic.

Project Cost Information:

Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
Measure W	-	-	-	\$ 410,000	\$ 410,000	\$ 410,000	\$ 1,230,000
Stormwater Fund	-	-	-	-	\$ 100,000	\$ 600,000	\$ 700,000
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 600,000	\$ 700,000

Location Map:



City of Manhattan Beach **Capital Improvement Plan FY2023-2027** **Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Measure W

Carryover Project #: SW21402

Original Funding Year: 2021-22

General Plan Element Goals: I-9

Project Title: 28th Street Stormwater Infiltration Project (Phase 1)

Description: The project will consist of capturing dry and wet weather flows from an existing storm drain in 28th Street. The stormwater will be lifted by a new pump station, conveyed to a pre-treatment system, and piped to a gallery of infiltration wells at the County's 26th Street Parking Facility. The project will also consist of new paving, striping, and landscape for the parking lot.

Justification: The project is called for in the Beach Cities Enhanced Watershed Management Plan (EWMP) to remove pollutants from stormwater by infiltrating it into the native soil beneath the system.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Measure W	\$ 1,497,100	\$ 1,200,000	\$ 14,000,000	-	-	-	\$ 16,697,100
	TOTAL	\$ 1,497,100	\$ 1,200,000	\$ 14,000,000	\$ -	\$ -	\$ -	\$ 16,697,100

Location Map:



City of Manhattan Beach **Capital Improvement Plan FY2023-2027** **Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
- ☐ New Project (Funding identified, not yet appropriated)
- ☐ Unfunded Project (Funding not available at this time)

Funding Source: Wastewater Fund

Carryover Project #: WW17501

Original Funding Year: Ongoing

General Plan Element Goals: I-8

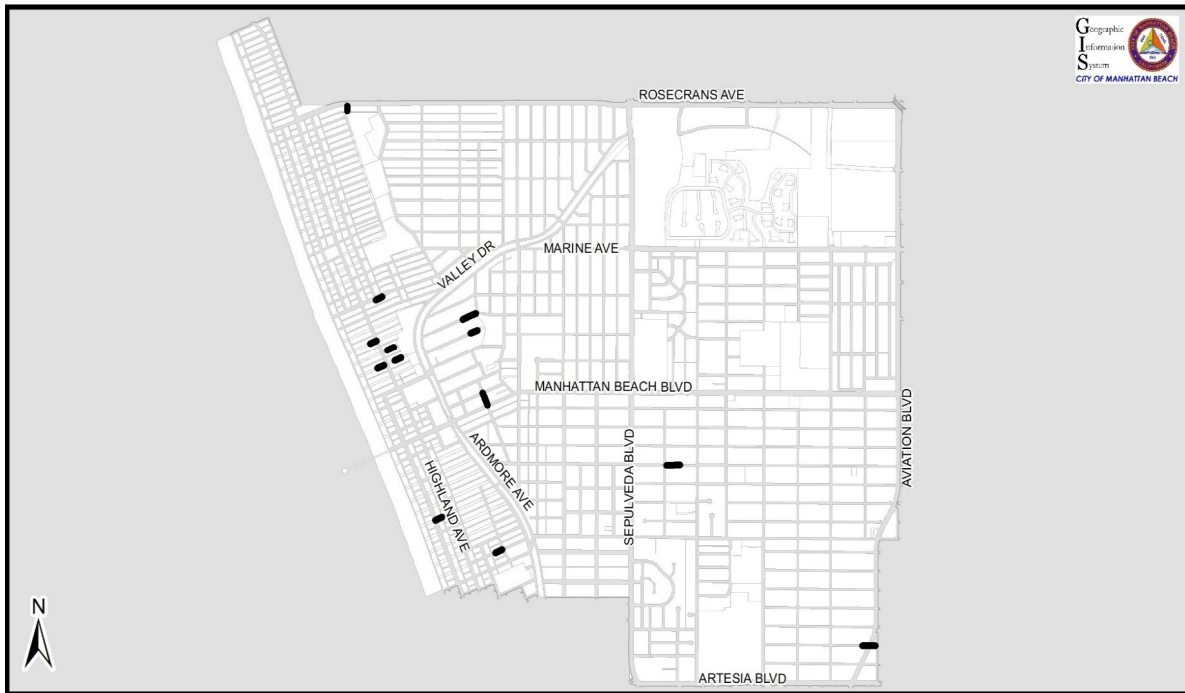
Project Title: Annual Rehabilitation of Gravity Sewer Mains

Description: Rehabilitation or replacement of gravity sewer mains annually throughout the City.

Justification: The locations for rehabilitation or replacement have been identified by maintenance staff and through CCTV (Closed Circuit Television) inspection. It is critical to maintain the quality and dependability of the city's sewer infrastructure through a routine preventative maintenance process.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Wastewater Fund	\$ 2,993,083	\$ -	\$ 1,100,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 6,193,083
	TOTAL	\$ 2,993,083	\$ -	\$ 1,100,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 6,193,083

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Wastewater Fund

Carryover Project #: WW15843

Original Funding Year: 2014-15

General Plan Element Goals: I-8

Project Title: Poinsettia Ave Sewer Lift Station and Force Main Replacement

Description: As part of the City's 2010 Wastewater Master Plan, Poinsettia Ave Sewer Lift Station was identified to require significant rehabilitation. Replacement of the existing sanitary sewer lift (pump) station will require constructing a new sizeable emergency storage wet well, replacing the existing station and appurtenances, and installing a new force main pipeline.

Justification: Due to the topography of the City and the invert elevations of nearby City sanitary sewer infrastructure, conveying the wastewater flow by gravity is not feasible. It will require the replacement of the existing sewer lift (pump) station. The new sewer lift station will provide added reliability and increase emergency storage for more response time. During construction, the existing sewer lift station needs to be operational for the most extended amount of time possible to avoid a costly temporary bypass. Construction of an entirely new sewer lift station is recommended adjacent to the existing station.

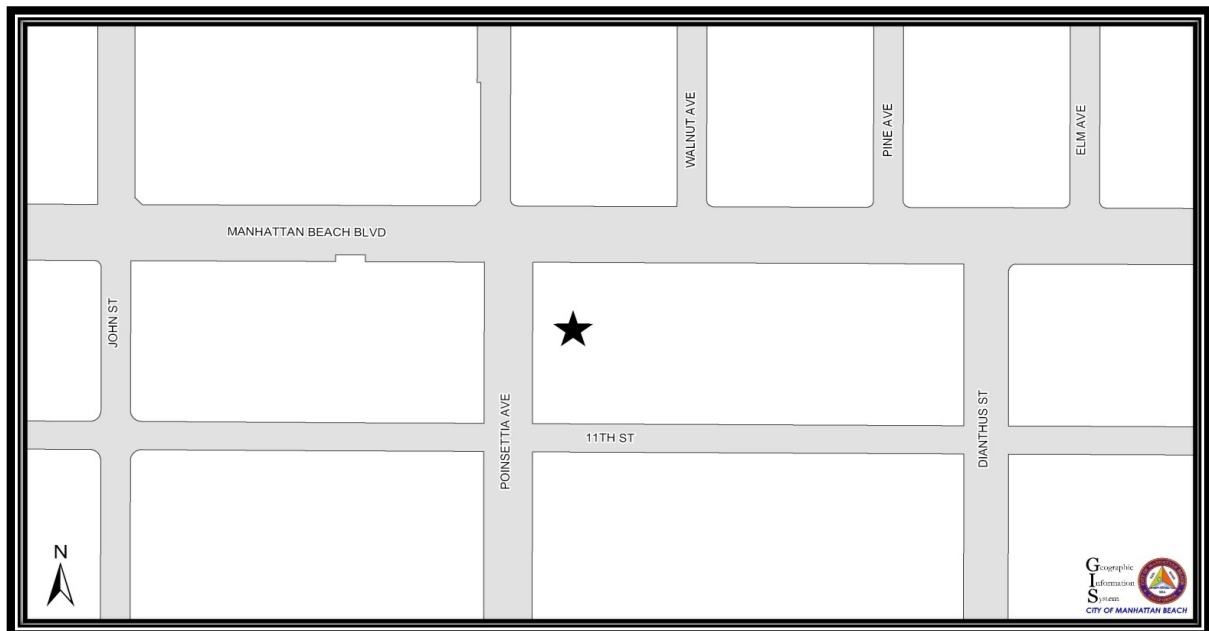
The Poinsettia Ave Sewer Lift Station has the smallest wet well capacity of any of the City's lift stations. It has only 394 gallons and 4.7 minutes of emergency storage at the peak wet weather flow rate of 85 gallons per minute (GPM). Emergency storage for a regular dry day during the morning peak is only 8 minutes. This means that if the station fails, sewage would enter the dry well and disable the electrical systems after just 8 minutes. It is recommended that lift stations be equipped with at least 30 minutes of peak wet weather emergency storage. The Poinsettia Ave Sewer Lift Station will be fitted with the appropriate capacity of emergency storage.

An additional force main pipeline will be installed to provide system redundancy. The new force main pipeline would run a short distance from the station to Manhattan Beach Blvd and discharge into an existing gravity sewer. The old force main would remain available if the primary force main were damaged.

Project Cost Information:

Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
Wastewater Fund	\$ 3,101,380	-	-	-	-	-	\$ 3,101,380
TOTAL	\$ 3,101,380	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,101,380

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Wastewater Fund

Carryover Project #: WW19501

Original Funding Year: 2018-19

General Plan Element Goals: I-8

Project Title: Pacific Lift Station Upgrade

Description: As part of the City's 2010 Wastewater Master Plan, Pacific Ave Sewer Lift Station was identified to require significant rehabilitation. Rehabilitation of the sanitary sewer lift (pump) station will require the construction of a new sizeable emergency storage wet well, reintegration of the existing station and appurtenances, and installing a new force main pipeline. Alternatively, due to the topography of the City and the invert elevations of nearby LA County sanitary sewer infrastructure, conveying the wastewater flow by gravity is feasible and may be implemented to eliminate the requirement for the complete rehabilitation of the station.

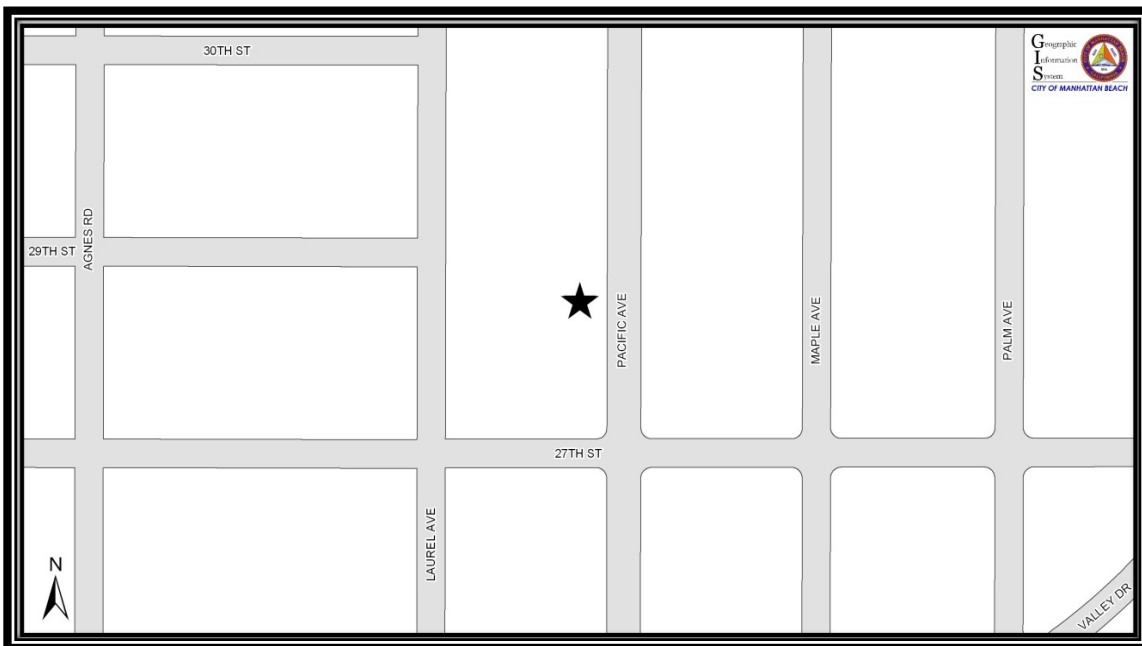
Justification: The upgrade option will require the rehabilitation of the existing sewer lift (pump) station. The new sewer lift station will provide added reliability and increase emergency storage for more response time. During construction, the existing sewer lift station needs to be operational for the most extended amount of time possible to avoid a costly temporary bypass. The Pacific Ave Sewer Lift Station cannot pump at the needed rate if one of the two pumps fails or is taken out of service for maintenance. Additionally, there is insufficient emergency storage at the station. This project will modify the pumps and controls to accommodate pumping at the needed rate and provide additional emergency storage by integrating a new adequate wet well structure.

The Pacific Ave Lift Station pumps wastewater through a force main pipeline a distance of approximately 1,225 feet to the intersection of Ardmore and Poinsettia Ave. An additional force main pipeline will be installed to provide system redundancy. The new force main pipeline would run parallel from the pump station to Ardmore Ave and discharge into an existing gravity sewer. The old force main would remain available if the primary force main were damaged.

The alternative gravity pipeline option will require approximately 600 feet of microtunneling construction below Pacific Ave to connect to the LA County sewer trunk main pipeline at Ardmore Ave. The connection will be made by constructing a new 70 feet deep manhole structure on Ardmore Ave adjacent to the Veterans Parkway. Constructing a gravity pipeline and eliminating the existing sewer lift station would save on maintenance and capital costs over time and is recommended.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Wastewater Fund	\$ 2,102,122	\$ -	\$ 3,000,000	-	-	-	\$ 5,102,122
	TOTAL	\$ 2,102,122	\$ -	\$ 3,000,000	\$ -	\$ -	\$ -	\$ 5,102,122

Location Map:



City of Manhattan Beach **Capital Improvement Plan FY2023-2027** **Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
- ☐ New Project (Funding identified, not yet appropriated)
- ☐ Unfunded Project (Funding not available at this time)

Funding Source: Multiple Funds

Carryover Project #: WW11838

Original Funding Year: 2010-11

General Plan Element Goals: I-7, I-11

Water Fund

Wastewater Fund

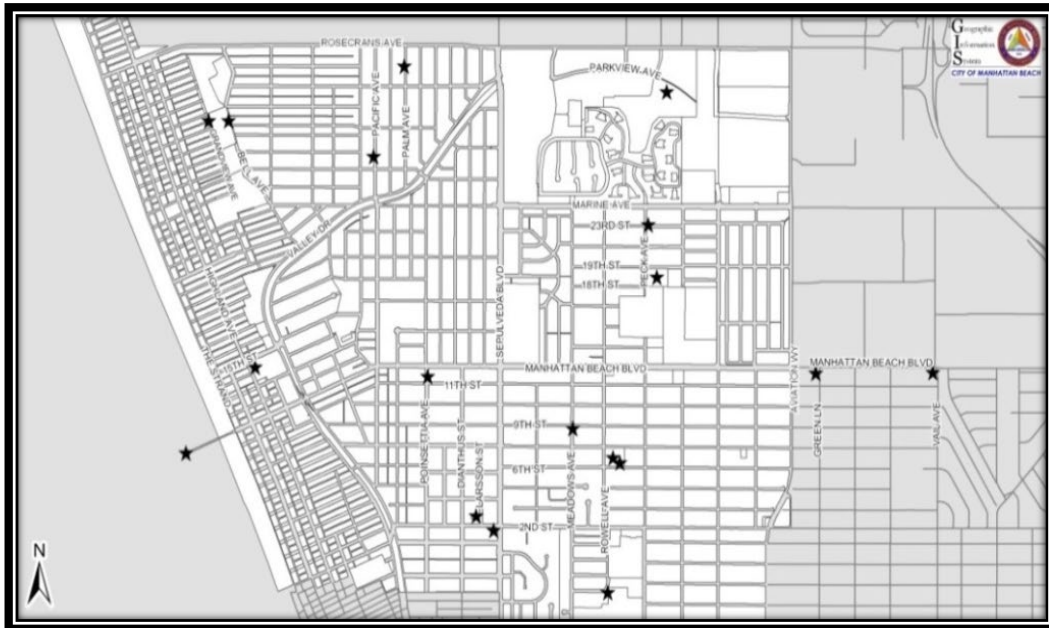
Project Title: Utility Radio Telemetry

Description: Install radio communications to 21 existing water and wastewater stations at the Public Works Maintenance Facility.

Justification: The City monitors the function of 21 critical water and sewer facilities on a continuous basis. Presently, telephone is the only communication mode and there is no back-up system. Redundant communication is critical to assure the function of critical water and sewer facilities. This project establishes a new radio and potential fiber optic communication system installation while maintaining the current telephone system for redundancy.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
Water Fund		- \$	- \$	215,000	-	-	- \$	215,000
Wastewater Fund		- \$	- \$	75,609	-	-	- \$	75,609
TOTAL		\$ -	\$ -	\$ 290,609	\$ -	\$ -	\$ -	\$ 290,609

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Wastewater Fund

Carryover Project #: WW20501

Original Funding Year: 2019-20

General Plan Element Goals: I-8

Project Title: Voorhees Lift Station Upgrade

Description: As part of the City's 2010 Wastewater Master Plan, Voorhees Ave Sewer Lift Station was identified to require significant rehabilitation. Rehabilitation of the sanitary sewer lift (pump) station will require the construction of a new adequate emergency storage wet well, reintegration of the existing station and appurtenances, and installing a new force main pipeline.

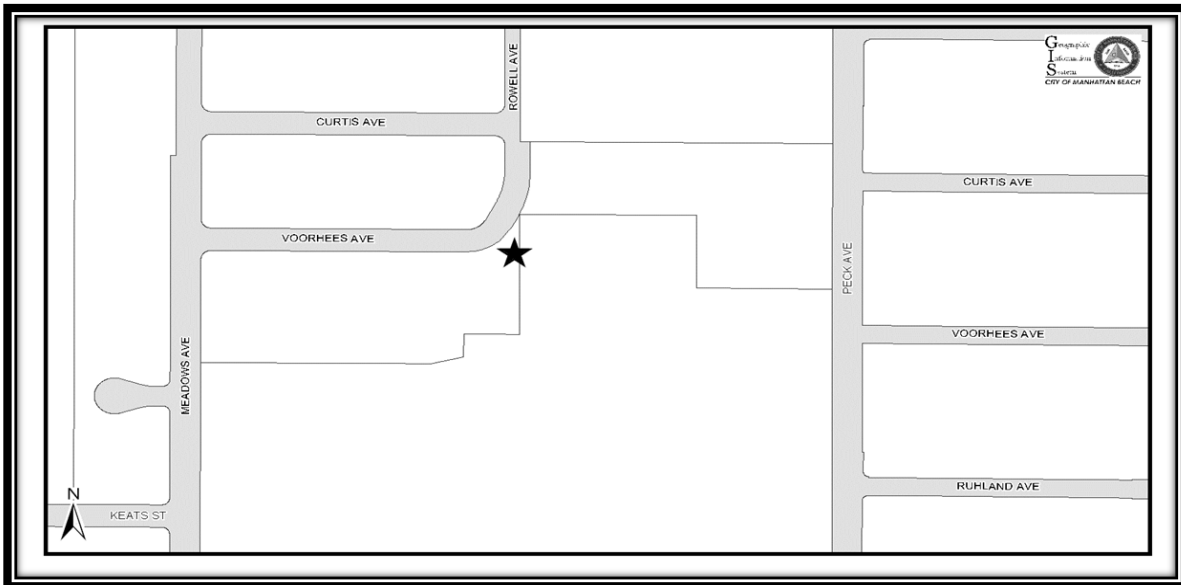
Justification: Due to the topography of the City and the invert elevations of nearby City sanitary sewer infrastructure, conveying the wastewater flow by gravity is not feasible. It will require the rehabilitation of the existing sewer lift (pump) station. The upgraded sewer lift station will provide added reliability and increase emergency storage for more response time. During construction, the existing sewer lift station needs to be operational for the most extended amount of time possible to avoid a costly temporary bypass. Rehabilitation and integrating the current sewer lift station with added emergency storage are recommended.

The Voorhees Ave Sewer Lift Station cannot pump at the needed rate if one of the two pumps fails or is taken out of service for maintenance. Additionally, there is insufficient emergency storage at the station. This project will modify the pumps and controls to accommodate pumping at the needed rate and provide additional emergency storage by integrating a new adequate wet well structure.

The Voorhees Ave Lift Station pumps wastewater through a force main pipeline a distance of approximately 1,300 feet to the intersection of Peck and Gates Ave. An additional force main pipeline will be installed to provide system redundancy. The new force main pipeline would run north along Rowell Ave from the pump station to 2nd Street and discharge into an existing gravity sewer. The old force main would remain available if the primary force main were damaged.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Wastewater Fund	\$ 1,912,167	\$ 2,441,000	-	-	-	-	\$ 4,353,167
	TOTAL	\$ 1,912,167	\$ 2,441,000	\$ -	\$ -	\$ -	\$ -	\$ 4,353,167

Location Map:



**City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets**

Category:

- ☐ Carryover Project (Received previous appropriation)
☒ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Wastewater Fund

Carryover Project #: N/A

Original Funding Year: N/A

General Plan Element Goals: I-8

Project Title: Meadows Lift Station Upgrade, Emergency Storage, and Force Main Replacement

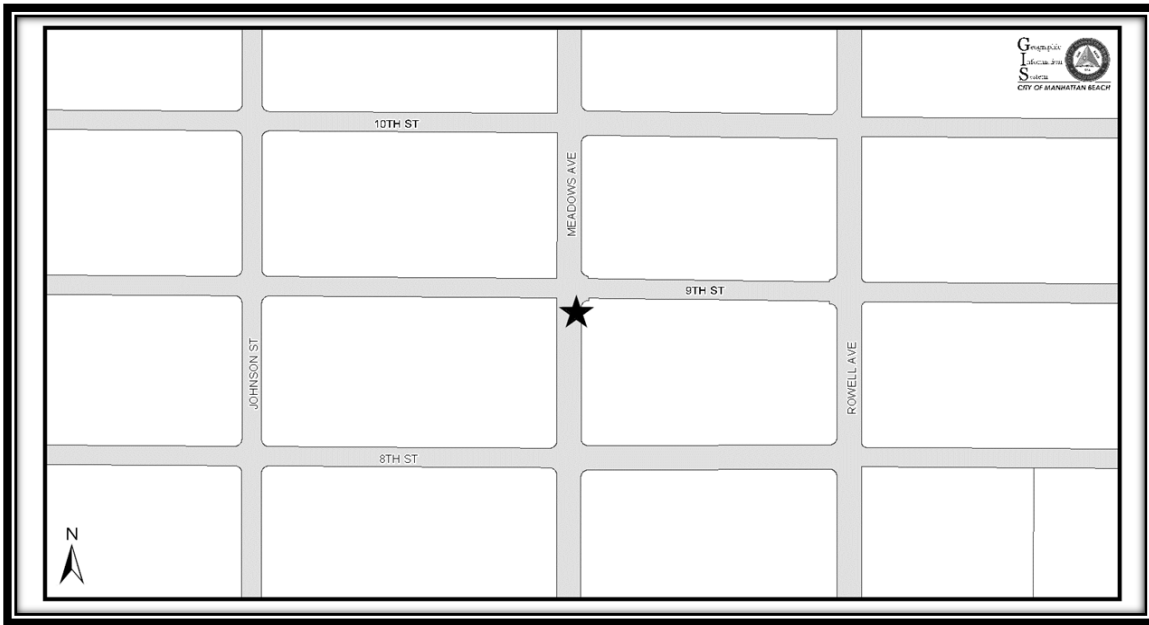
Description: Improvement of the Meadows Avenue Sewage Lift Station and installation of a second force main.

Justification: The Meadows Lift Station is located on Meadows Avenue immediately south of 9th Street. The current station cannot pump at the needed rate if one of the two pumps fail or is taken out of service for maintenance. Additionally, there is insufficient storage at the station. This project will modify the pumps and controls to accommodate two pumps capable more efficient pumping and will provide additional emergency storage.

The Meadows Lift Station pumps sewage through a 59-year-old 6" cast iron force main a distance of 760 feet to the intersection of Meadows Avenue at 11th Street. This project would construct an additional 6" force main to provide two force mains to serve this station and provide a safety redundancy. Also, appropriate storage will be constructed at this site.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Wastewater Fund	-	-	-	\$ -	\$ 1,250,000	\$ 350,000	\$ 1,600,000
	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ 1,250,000	\$ 350,000	\$ 1,600,000

Location Map:



**City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Wastewater Fund

Carryover Project #: WW21501

Original Funding Year: 2019-20

General Plan Element Goals: I-8, I-11

Project Title: Wastewater Master Plan Update

Description: Last updated in 2010, the Master Plan is a guidance document for infrastructure and operations, and the system capacity and hydraulic assessment citywide. The effort will also include a Rate Study.

Justification: This update is necessary to revisit and readjust citywide plans for improvements for the next 10 years based on demands and condition of the important aging infrastructure.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Wastewater Fund	\$ 180,000	\$ 100,000	-	-	-	-	\$ 280,000
	TOTAL	\$ 180,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 280,000

Location

Map:

No map; plan update

City of Manhattan Beach Capital Improvement Plan FY2023-2027 Summary Sheets

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Wastewater Fund

Carryover Project #: N/A

Original Funding Year: 2021-22

General Plan Element Goals: I-8

Project Title: Palm Lift Station Upgrade, Emergency Storage, and Force Main Replacement

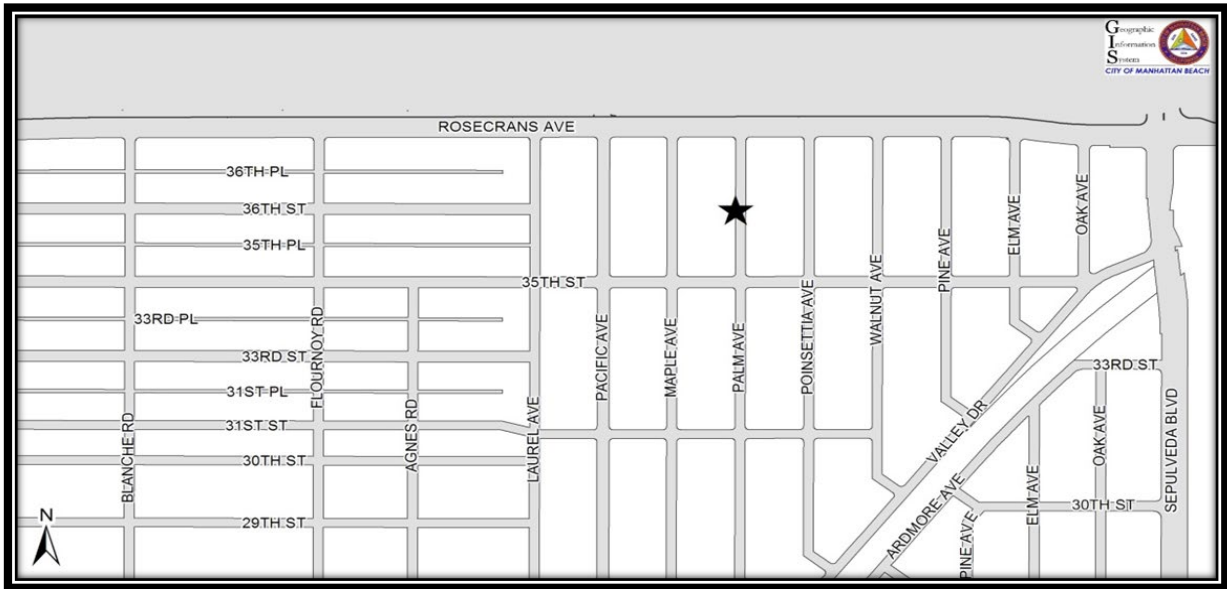
Description: Improvement of the Palm Lift Station and construction of emergency storage. Build 5,500 gallon sewer wet well and 775 foot long force main.

Justification: The Palm Lift station cannot pump at the needed rate and cannot accommodate the necessary materials for storage. The current wet well is not of adequate size to accommodate peak wet weather flow and the current force main is over 60 years old and has exceeded its useful-life. This project would construct an approximate 5,500 gallon sewer wet well and 775 foot long force main to increase efficiencies.

Project Cost Information:

Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
Wastewater Fund	-	-	-	\$ 1,400,000	-	-	\$ 1,400,000
TOTAL	\$ -	\$ -	\$ -	\$ 1,400,000	\$ -	\$ -	\$ 1,400,000

Location Map:



City of Manhattan Beach Capital Improvement Plan FY2023-2027 Summary Sheets

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Wastewater Fund

Carryover Project #: N/A

Original Funding Year: 2021-22

General Plan Element Goals: I-8, I-11

Project Title: City Hall Lift Station Upgrade, Emergency Storage, and Force Main Replacement

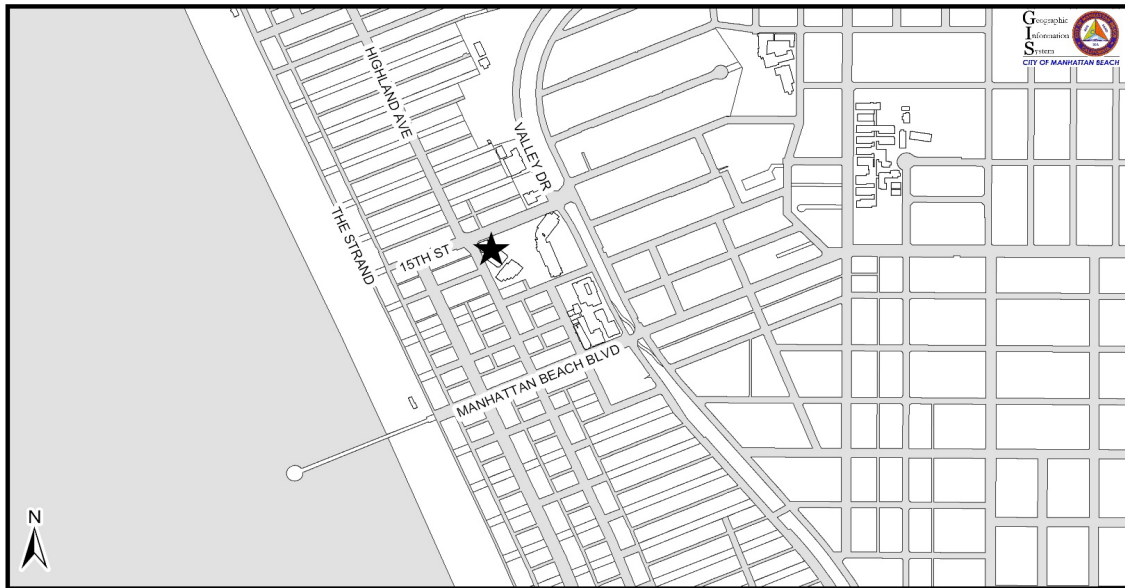
Description: Replacement and upgrade of the City Hall Lift Station and force main and construction of emergency storage. The project includes two new, more efficient, pumps and motors, motor controls, wiring and new SCADA equipment.

Justification: The City Hall Lift station is located on the lower level of City Hall and is reaching its useful life. The pumps, motors, and related equipment need to be replaced to ensure its reliability.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Wastewater Fund	-	-	-	-	-	\$ 400,000	\$ 400,000
	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 400,000

Location

Map:



City of Manhattan Beach **Capital Improvement Plan FY2023-2027** **Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Parking Fund

Carryover Project #: PK21004

Original Funding Year: 2021-22

General Plan Element Goals: LU-3, CS-1

Project Title: Parking Structure Rehab & Analysis: Lot 3

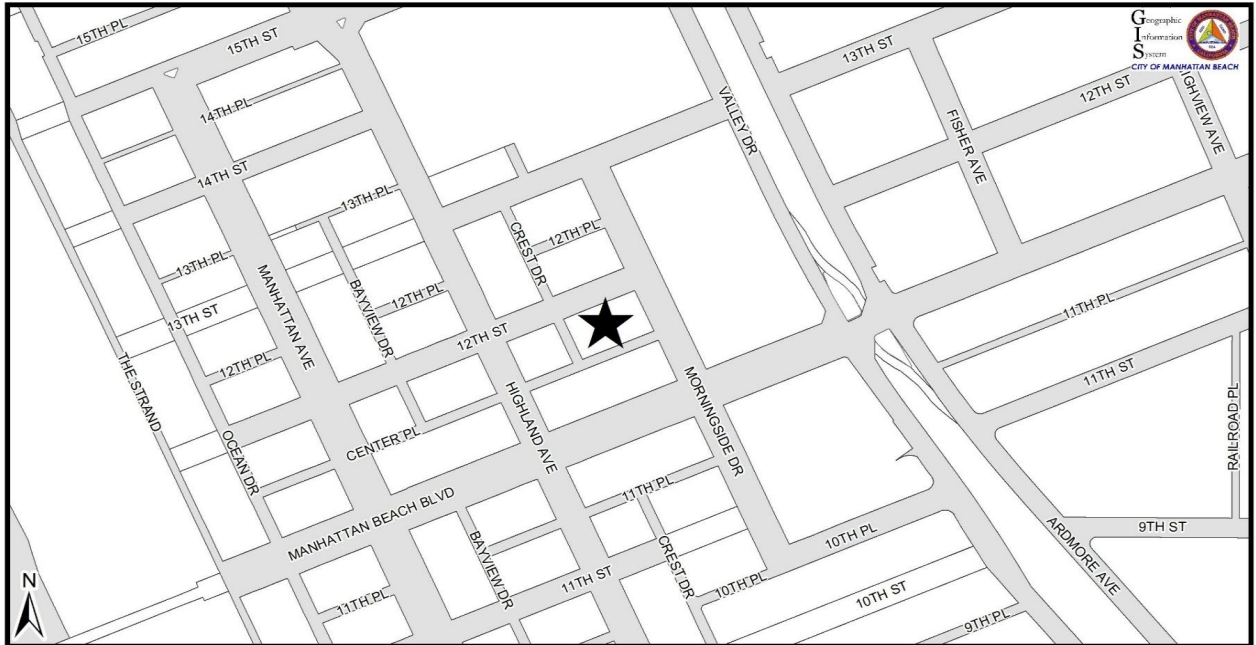
Description: The project provides analysis and rehabilitation of Parking Structure Lot 3, including concrete spot repairs and weatherproofing of the top floor.

Justification: The structure is reaching its useful life and must be evaluated for significant retrofit or replacement for the safety of the public. The structure is showing visible deterioration needing attention.

Project Cost Information:

Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
Parking Fund	\$ -	-	-	-	\$ 300,000	-	\$ 300,000
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ 300,000

Location Map:



**City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets**

Category:

- ☐ Carryover Project (Received previous appropriation)
☒ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Parking Fund

Carryover Project #: N/A

Original Funding Year: N/A

General Plan Element Goals: LU-3, CS-1

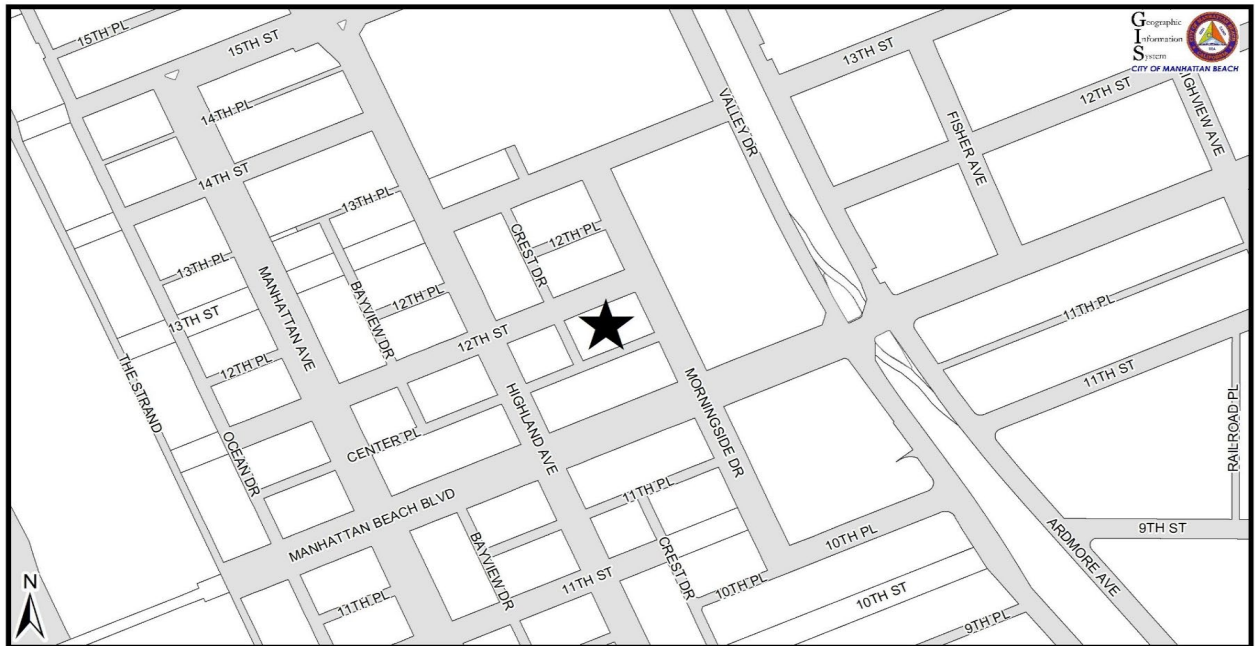
Project Title: Parking Structure Replacement Project - Design

Description: Design of a replacement parking structure.

Justification: The existng structure is reaching its useful life and must be evaluated and designed for significant retrofit or replacement for the safety of the public. The structure is showing visible deterioration.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	Parking Fund	-	-	-	-	-	\$ 1,500,000	\$ 1,500,000
	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000	\$ 1,500,000

Location Map:



**City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets**

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: Multiple Funds

Carryover Project #: ST15832

Original Funding Year: 2014-15

General Plan Element Goals: LU-3.4, I-1, I-2.3, I-6

CIP

Parking Fund

Project Title: Way Finding Program (Phase I)

Description: Uniform sign design to be employed Citywide. Phase I includes parking signage in the Downtown area.

Justification: Current signs are a mix of "one-off" custom designs, departmental brandings, and standard regulatory style signs. In order to provide uniformity and location familiarity while in and around City of Manhattan Beach facilities, standardized layout, color, sizing, typeface/font, and logo/branding is desirous. Residents and visitors alike should be able to readily identify City owned and operated facilities.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	CIP Fund	\$ 2,319	-	-	-	-	-	\$ 2,319
	Parking Fund	\$ 239,778	\$ 200,000	-	-	-	-	\$ 439,778
	TOTAL	\$ 239,778	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 442,097

Location Map:

No map; signs evaluated Citywide.

City of Manhattan Beach
Capital Improvement Plan FY2023-2027
Summary Sheets

Category:

- ☒ Carryover Project (Received previous appropriation)
☐ New Project (Funding identified, not yet appropriated)
☐ Unfunded Project (Funding not available at this time)

Funding Source: State Pier & Parking Fund

Carryover Project #: PR19801

Original Funding Year: 2018-19

General Plan Element Goals: CR-1

Project Title: Pier Railing Replacement Project

Description: 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 parking lots and adjacent bike path.

Justification: The harsh marine environment is causing significant corrosion to the existing metal railings and deterioration of the supporting concrete curbs. This project will replace the existing metal railing with new coated aluminum tubing and make spot repairs to existing concrete curbs where required to install new railing segments. The existing character defining features (i.e. color and style) will be maintained.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	TOTAL
	State Pier Fund	\$ 1,551,283	\$ 200,000	-	-	-	-	\$ 1,751,283
	TOTAL	\$ 1,551,283	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 1,751,283

Location Map:

