

**City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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 as needed citywide.

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

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Streetlight Fund	\$ 70,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 245,000
	TOTAL	\$ 70,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 245,000

Location Map:

No map; Citywide

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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: Street & Highways

Carryover Project #: ST16108

Original Funding Year: 2015-16

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

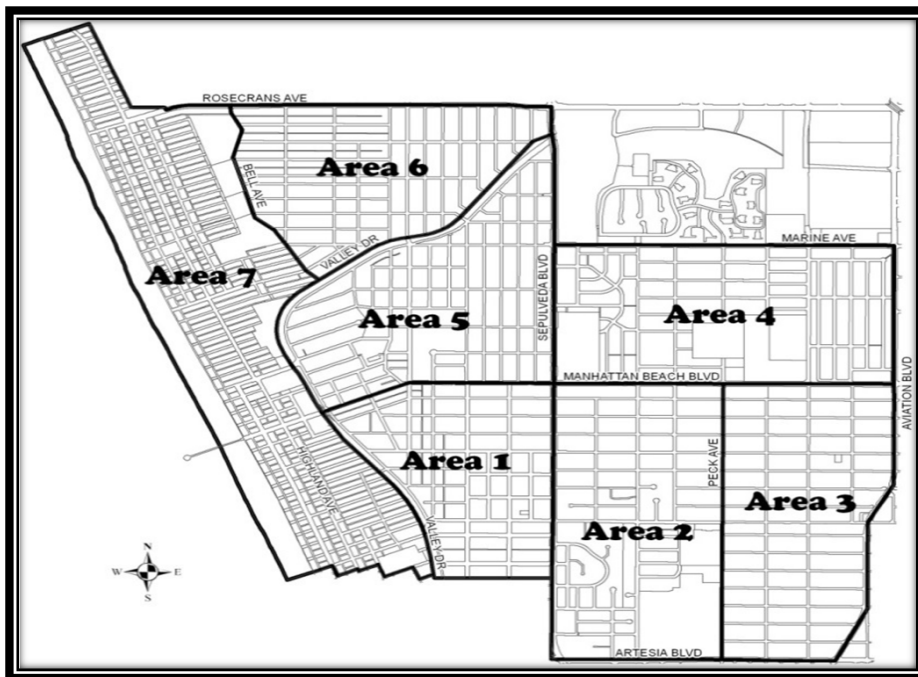
Project Title: Annual Curb, Gutter and Ramp Replacement Project

Description: This annual program is designed to perform concrete improvements in advance of slurry sealing. A different area is addressed each year, so that the entire City is improved within a seven year cycle. Curb ramps are also installed as needed to comply with the Americans with Disabilities Act.

Justification: Tree roots and soil settlement cause displacement of curbs gutters and sidewalk. This project will eliminate displacements and gutter ponding.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Streets & Highway	\$ 392,000	\$ 365,000	\$ 365,000	\$ 365,000	\$ 365,000	\$ 365,000	\$ 2,217,000
	TOTAL	\$ 392,000	\$ 365,000	\$ 365,000	\$ 365,000	\$ 365,000	\$ 365,000	\$ 2,217,000

Location Map:



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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 Street & Highway, & CDBG

Carryover Project #: ST19104 ST19204

Original Funding Year: 2018-19

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

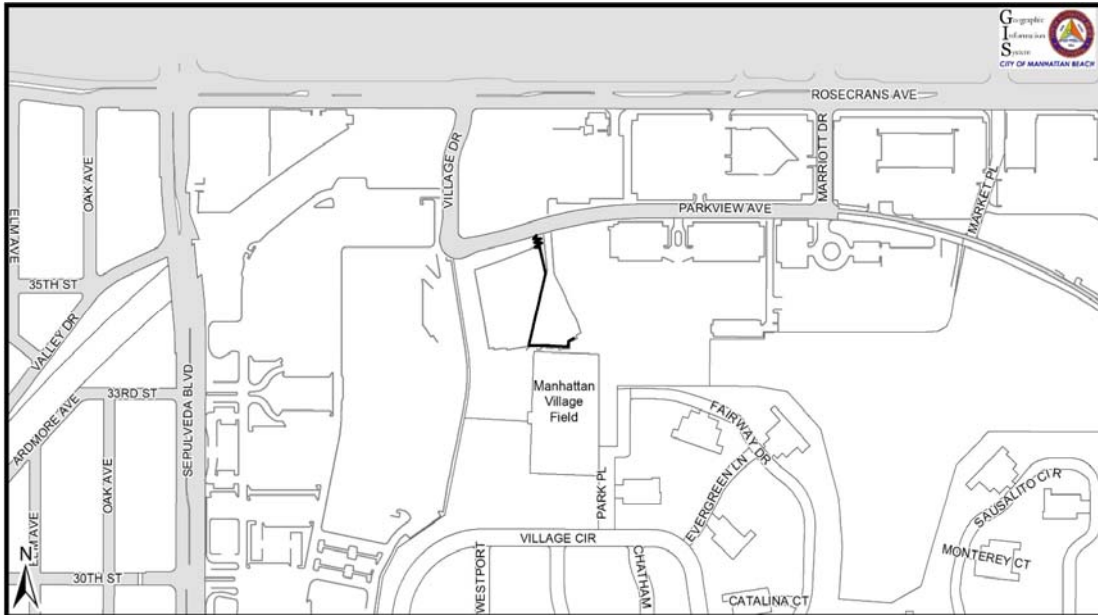
Project Title: Village Field & Senior Villas ADA Access

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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Streets & Highway	\$ 58,150	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 158,150
	CDBG Funds	\$ 422,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 422,500
	TOTAL	\$ 480,650	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 580,650

Location Map:



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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: Street & Highways

Carryover Project #: ST16102

Original Funding Year: 2015-16

General Plan Element Goals: I-1

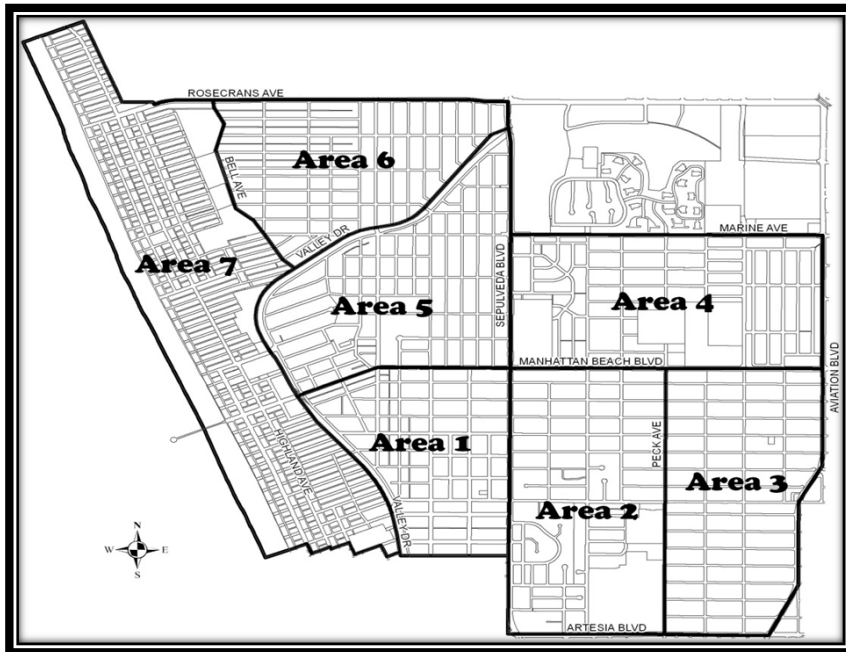
Project Title: Biennial Slurry Seal Program

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 year cycle.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Gas Tax	\$ 7,000	\$ 970,000	\$ -	\$ 770,000	\$ -	\$ -	\$ 1,747,000
	TOTAL	\$ 7,000	\$ 970,000	\$ -	\$ 770,000	\$ -	\$ -	\$ 1,747,000

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 Sts Hwys Fund, Prop C,
Carryover Project #: ST19105 Msr R & Msr M
Original Funding Year: 2018-19
General Plan Element Goals: I-1, I-2, I-2.3, I-6

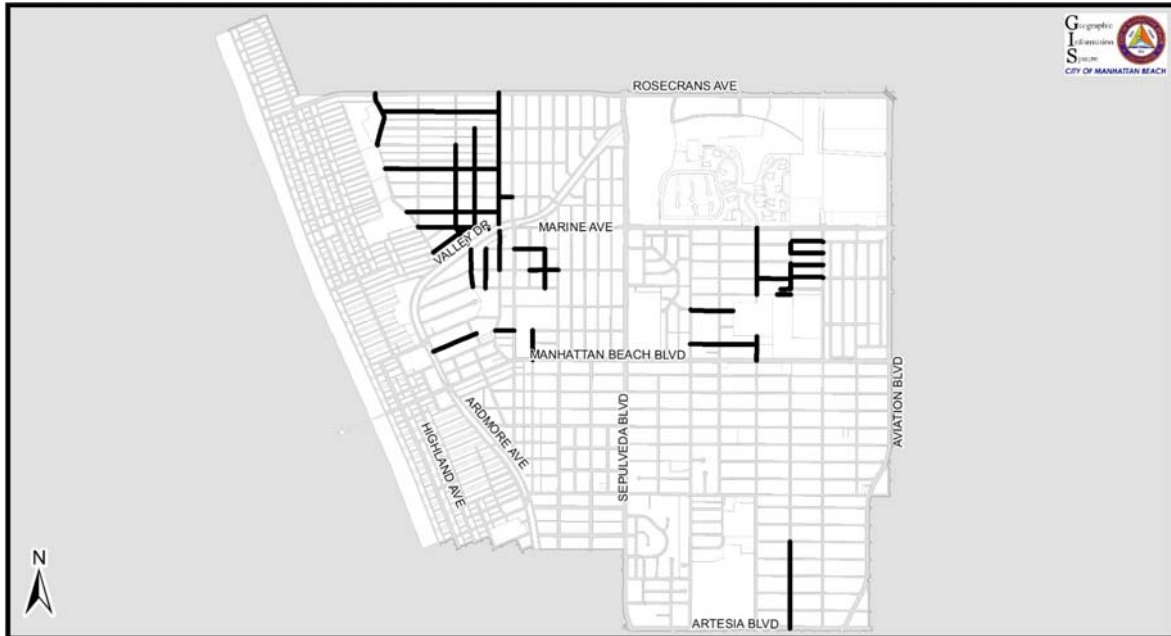
Project Title: Annual Street Resurfacing Program

Description: The project will mill and overlay the pavement surface and replace displaced curbs, gutters, and sidewalk. Locations are determined through the Triennial Pavement Management (TPM) System update, which is performed every three years. The TPM is an inspection of pavement surfaces to assess condition, prioritize rehabilitation and determine resources required to maintain street pavements in good condition.

Justification: 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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Streets & Hwy Fund	\$ 764,000	\$ 650,000	\$ 350,000	\$ 650,000	\$ 350,000	\$ 650,000	\$ 3,414,000
	Prop C	\$ 1,434,000	\$ -	\$ 1,200,000	\$ -	\$ 1,200,000	\$ -	\$ 3,834,000
	Measure R	\$ 330,000	\$ -	\$ 800,000	\$ -	\$ 800,000	\$ -	\$ 1,930,000
	Measure M	\$ -	\$ 600,000	\$ -	\$ 800,000	\$ -	\$ 800,000	\$ 2,200,000
	TOTAL	\$ 2,528,000	\$ 1,250,000	\$ 2,350,000	\$ 1,450,000	\$ 2,350,000	\$ 1,450,000	\$ 11,378,000

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 #: 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 is currently in the Design Services phase at the time of the CIP plan adoption. 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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Streets & Hwy Fund	\$ 40,000	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ 80,000
	TOTAL	\$ 40,000	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ 80,000

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: Multiple Funds Streets & Hwy and SBHP

Carryover Project #: ST16104

Original Funding Year: 2015-16

General Plan Element Goals: I-1

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

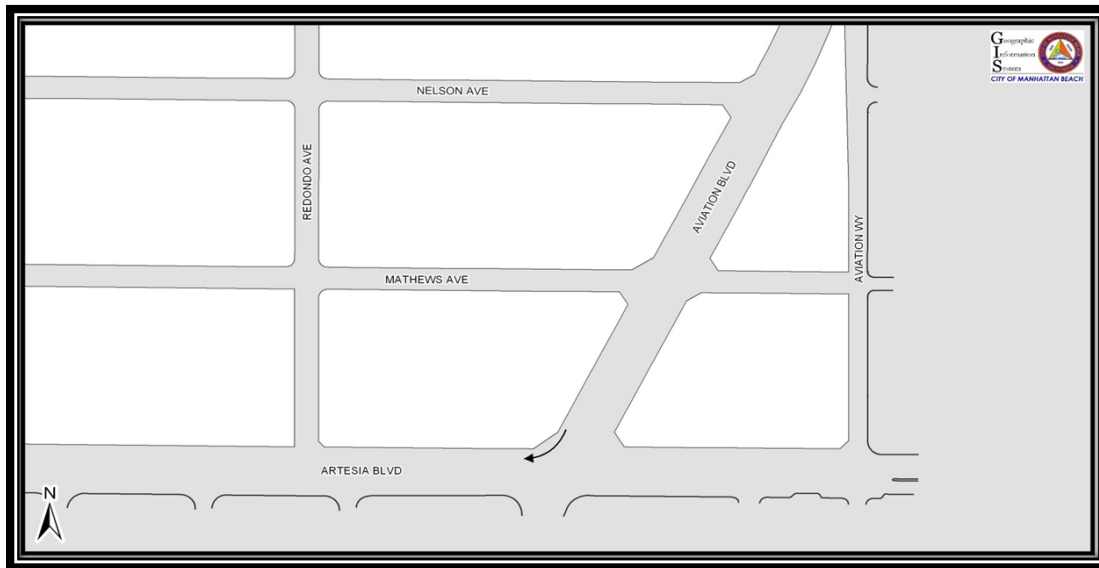
Description: Utility relocation, street widening and restriping of the northwest corner of the intersection of Aviation Boulevard at Artesia Boulevard to provide Southbound to westbound right-turn lanes. This project will be coordinated with City of Redondo Beach widening efforts on the southeast corner 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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
Streets & Hwy Fund (and SBHP Grant)	\$ 1,260,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,260,600
TOTAL	\$ 1,260,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,260,600

Location Map:



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☐ Unfunded Project (Funding not available at this time)

Funding Source: Multiple Funds Sts Hwys Fund, Prop C,
Carryover Project #: ST19105 Msr R & Msr M
Original Funding Year: 2018-19
General Plan Element Goals: I-1, I-2, I-2.3, I-6

Project Title: Annual Street Resurfacing Program

Description: The project will mill and overlay the pavement surface and replace displaced curbs, gutters, and sidewalk. Locations are determined through the Triennial Pavement Management (TPM) System update, which is performed every three years. The TPM is an inspection of pavement surfaces to assess condition, prioritize rehabilitation and determine resources required to maintain street pavements in good condition.

Justification: 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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Streets & Hwy Fund	\$ 764,000	\$ 650,000	\$ 350,000	\$ 650,000	\$ 350,000	\$ 650,000	\$ 3,414,000
	Prop C	\$ 1,434,000	\$ -	\$ 1,200,000	\$ -	\$ 1,200,000	\$ -	\$ 3,834,000
	Measure R	\$ 330,000	\$ -	\$ 800,000	\$ -	\$ 800,000	\$ -	\$ 1,930,000
	Measure M	\$ -	\$ 600,000	\$ -	\$ 800,000	\$ -	\$ 800,000	\$ 2,200,000
	TOTAL	\$ 2,528,000	\$ 1,250,000	\$ 2,350,000	\$ 1,450,000	\$ 2,350,000	\$ 1,450,000	\$ 11,378,000

Location Map:



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☐ Unfunded Project (Funding not available at this time)

Funding Source: Proposition C Local Return SBHP Grant

Carryover Project #: ST09823

Original Funding Year: 2008-09

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

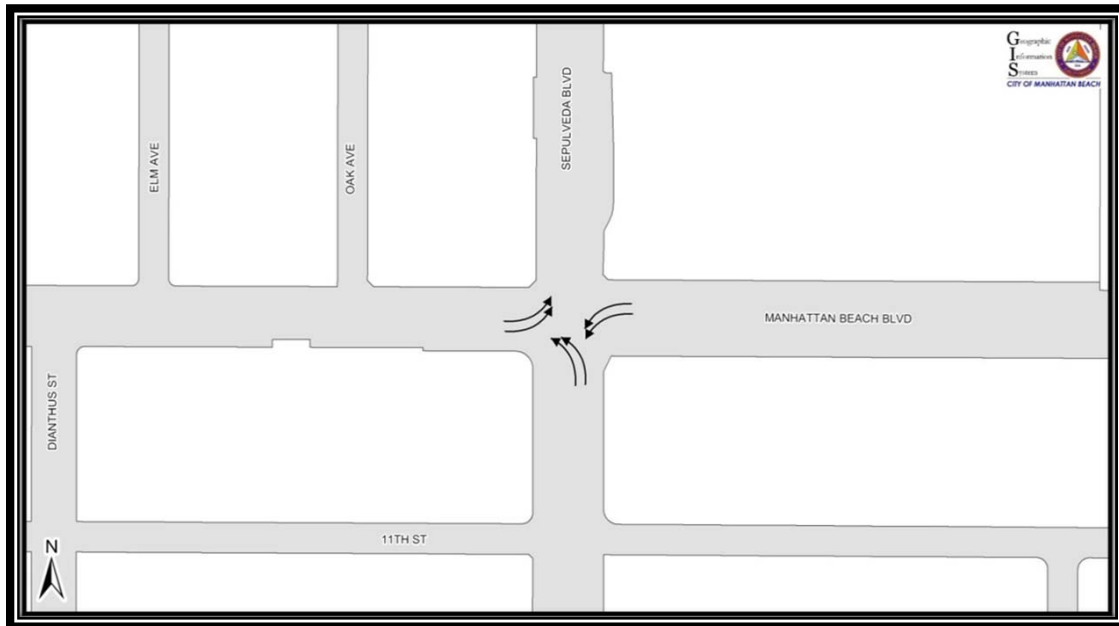
Project Title: Dual Left-Turn Lanes on Manhattan Beach Boulevard at Sepulveda Boulevard, EB to NB, NB to WB, WB to SB (SBHP Grant)

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: Left-turn movements at Sepulveda Boulevard at Manhattan Beach Boulevard are congested due the lack of lane capacity.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Proposition C (SBHP Grant)	\$ 1,146,100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,146,100
	TOTAL	\$ 1,146,100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,146,100

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 (MTA Call) & ST13841E (Msr R SBHP)

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

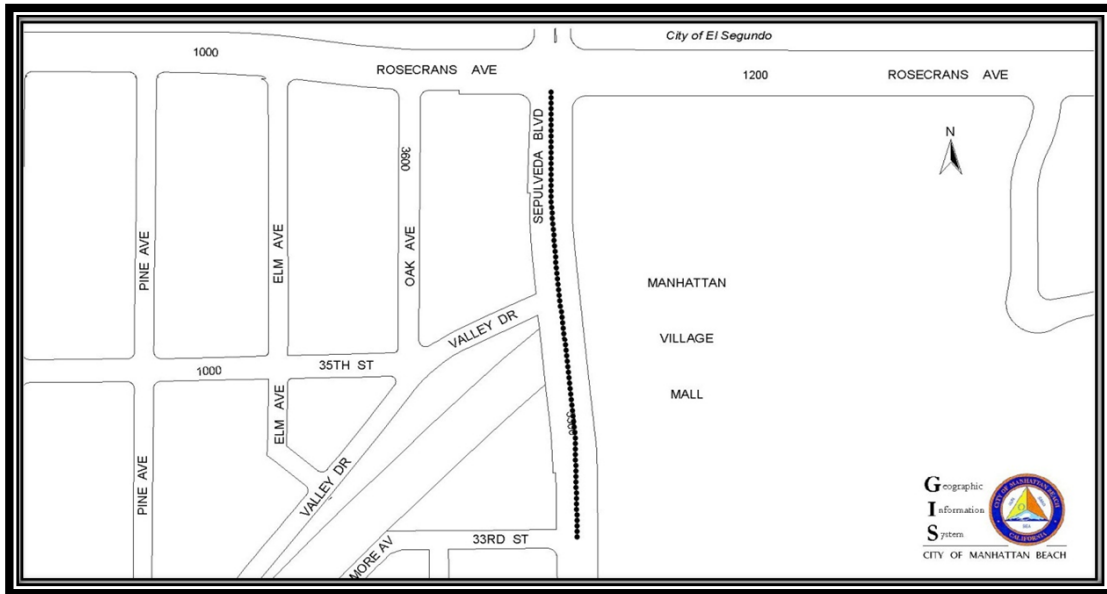
Project Title: Sepulveda Bridge Widening Project

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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Proposition C (SBHP Grant)	\$ 6,836,100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,836,100
	Proposition C (MTA Call Grant)	\$ 5,200,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,200,800
	Proposition C (Prop C Local)	\$ 2,106,900	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,106,900
	TOTAL	\$ 14,143,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,143,800

Location Map:



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

Funding Source: Grant Funded SBHP

Carryover Project #: ST17102

Original Funding Year: 2016-17

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

Project Title: Sepulveda Intersection Improvements: Cedar Ave. & Marine Ave. (SBHP Grant)

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

Justification: In July 2009, the Southern California Association of Governments (SCAG) and the SBCCOG commissioned a study on "User-Based Microanalysis of State Route 1, Pacific Coast Highway" (2009 PCH Study). In the 2009 PCH Study, 125 intersections were studied from Imperial Highway in the City of El Segundo to Crenshaw Boulevard in the City of Torrance. Given the high number of intersections, the study was intended to provide high-level analysis and preliminary recommendations. From the 125 intersections, 30 are located within the City of Manhattan Beach. The 2009 PCH Study recommended intersection improvements along 8 of the 30 intersections and recommended median improvements from 11th Street to the Southerly City Limit to help alleviate traffic congestions at the intersections. In May 2014, the City was awarded funding from the SBHP to prepare a feasibility study to further evaluate the intersections within the City of Manhattan Beach. On August 12, 2014, JMD was awarded a contract in the amount of \$49,950 to prepare the feasibility study. This study recommended improvements to five intersections that were studied. The study concluded that by adding capacity at the left-hand turn pockets and modifying lane configurations at these five intersections, congestion would be relieved through the Sepulveda Corridor. The benefit would also reduce cut-through traffic on local streets and reduce delays. In 2019, Caltrans agreed to carry out most of the improvements located directly on Sepulveda Blvd. On February 2, 2021, the City Council approved a Metro agreement for the Design and Construction of the Marine & Cedar intersection to help alleviate traffic congestion at the intersection of Sepulveda and Marine.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Proposition C (SBHP Grant)	\$ 985,440	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 985,440
	TOTAL	\$ 985,440	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 985,440

Location

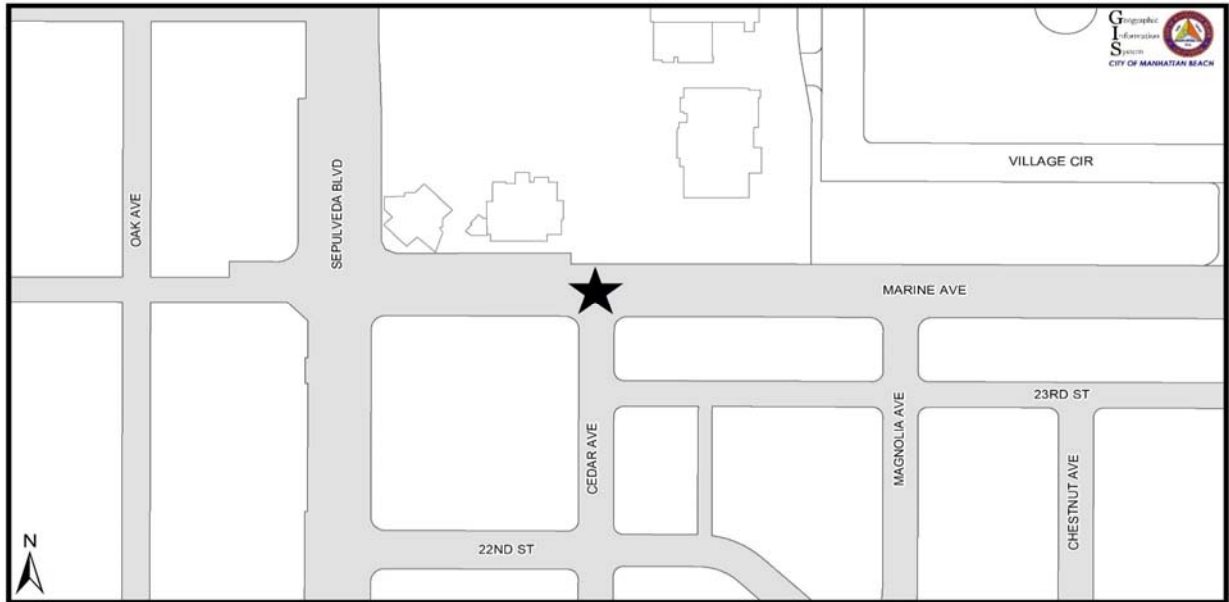
Map:

Map located on next page

**City of Manhattan Beach
Capital Improvement Plan FY2022-2026
Summary Sheets**

Project Title: Sepulveda Intersection Improvements: Cedar Ave. & Marine Ave. (SBHP Grant)

**Location
Map:**



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☐ New Project (Funding identified, not yet appropriated)
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Funding Source: Multiple Funds Sts Hwys Fund, Prop C,
Carryover Project #: ST19105 Msr R & Msr M
Original Funding Year: 2018-19
General Plan Element Goals: I-1, I-2, I-2.3, I-6

Project Title: Annual Street Resurfacing Program

Description: The project will mill and overlay the pavement surface and replace displaced curbs, gutters, and sidewalk. Locations are determined through the Triennial Pavement Management (TPM) System update, which is performed every three years. The TPM is an inspection of pavement surfaces to assess condition, prioritize rehabilitation and determine resources required to maintain street pavements in good condition.

Justification: 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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Streets & Hwy Fund	\$ 764,000	\$ 650,000	\$ 350,000	\$ 650,000	\$ 350,000	\$ 650,000	\$ 3,414,000
	Prop C	\$ 1,434,000	\$ -	\$ 1,200,000	\$ -	\$ 1,200,000	\$ -	\$ 3,834,000
	Measure R	\$ 330,000	\$ -	\$ 800,000	\$ -	\$ 800,000	\$ -	\$ 1,930,000
	Measure M	\$ -	\$ 600,000	\$ -	\$ 800,000	\$ -	\$ 800,000	\$ 2,200,000
	TOTAL	\$ 2,528,000	\$ 1,250,000	\$ 2,350,000	\$ 1,450,000	\$ 2,350,000	\$ 1,450,000	\$ 11,378,000

Location Map:



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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 #: ST17104

Original Funding Year: 2016-17

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

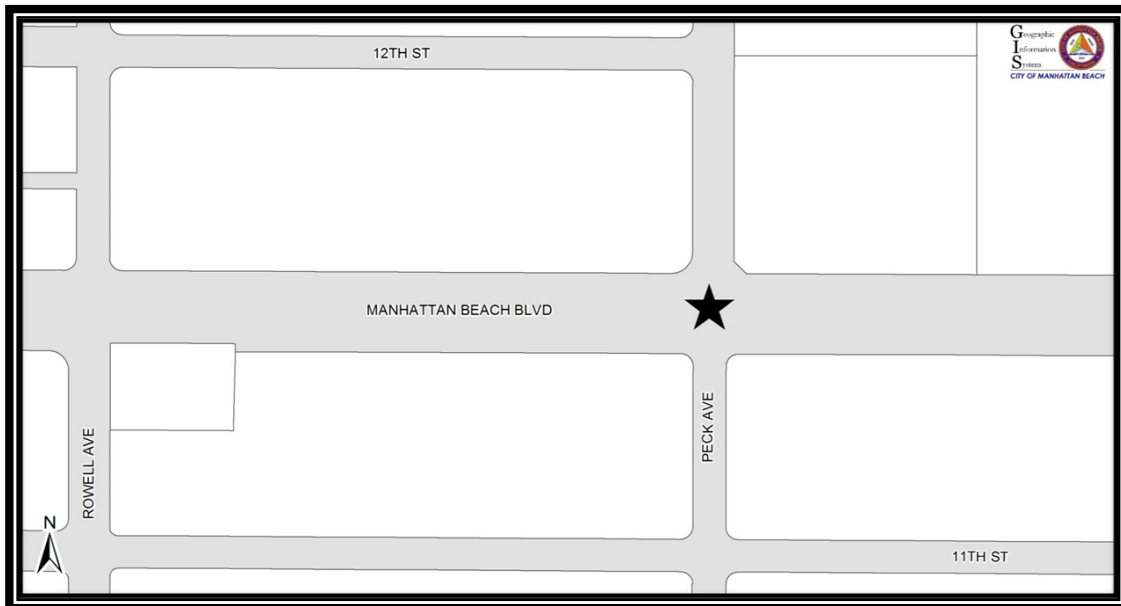
Project Title: Protected Left-Turns: Manhattan Beach Blvd. at Peck Ave.

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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Measure R	\$ 532,700	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 782,700
	Local Return							
	TOTAL	\$ 532,700	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 782,700

Location Map:



**City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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- ☒ Carryover Project (Received previous appropriation)
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☐ 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

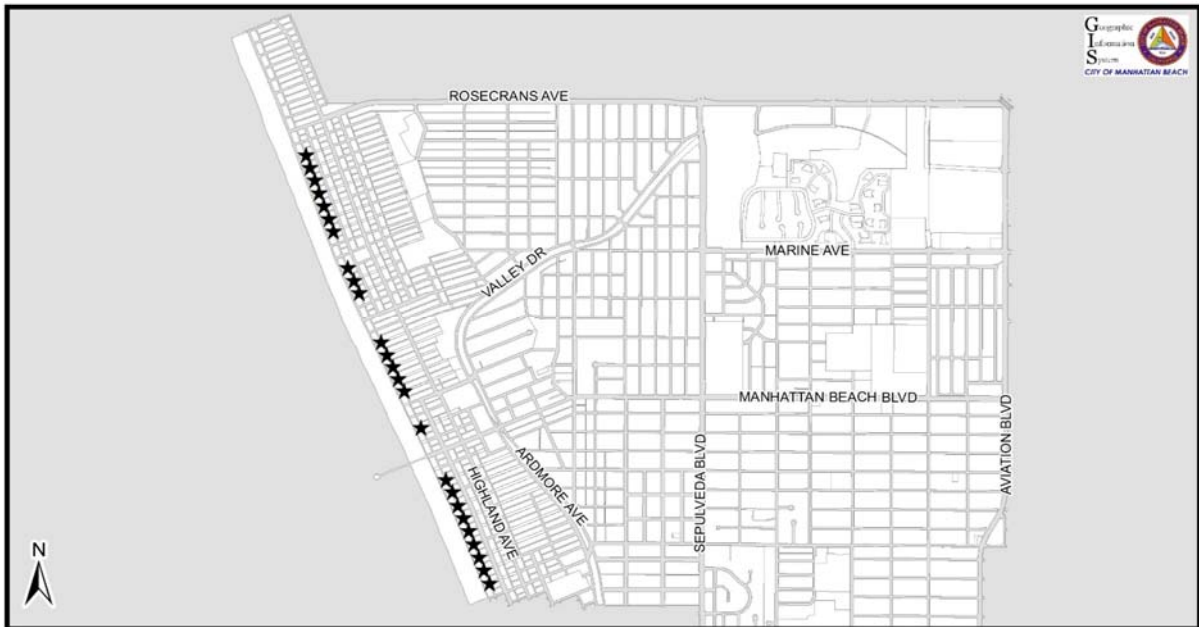
Project Title: Ocean Drive Walkstreet Crossing

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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Measure R	\$ -	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ 450,000
	Local Return							
	TOTAL	\$ -	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ 450,000

Location Map:



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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 Msr R, Msr M, and CIP

Carryover Project #: ST13822

Original Funding Year: 2012-13

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

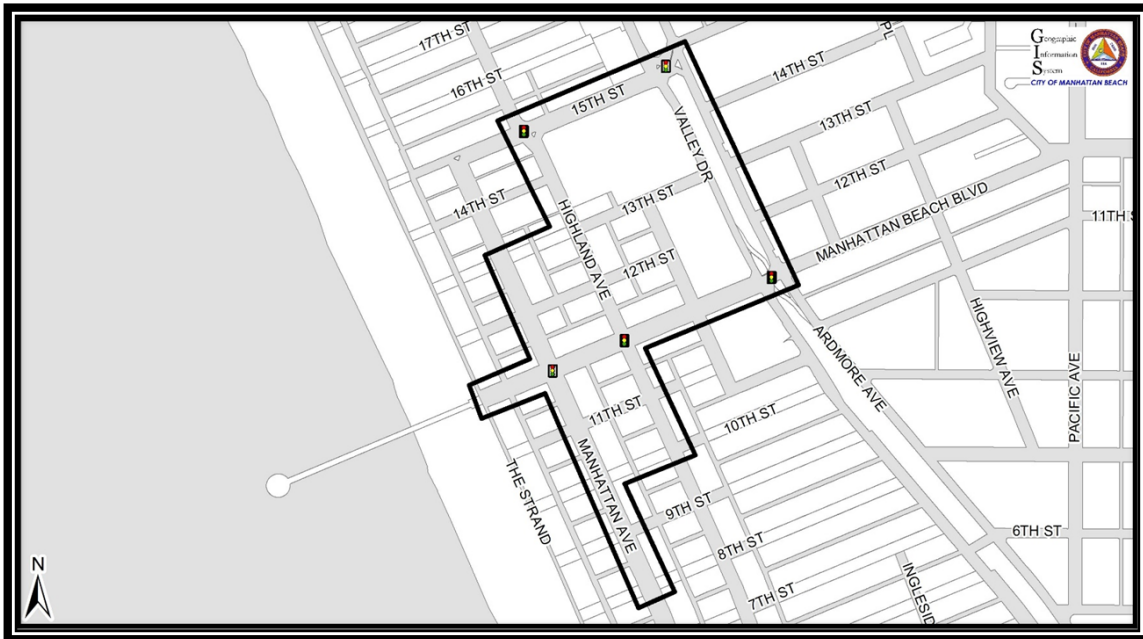
Project Title: Downtown Signal Upgrade

Description: Replacement of existing traffic signal poles and mast arms in the downtown area.

Justification: Existing traffic signal poles in the downtown area are deteriorated and require replacement.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	CIP Fund	\$ 54,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 54,000
	Measure M	\$ 255,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 255,500
	Local Return							
	Measure R	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,000
	Local Return							
	TOTAL	\$ 309,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 309,500

Location Map:



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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

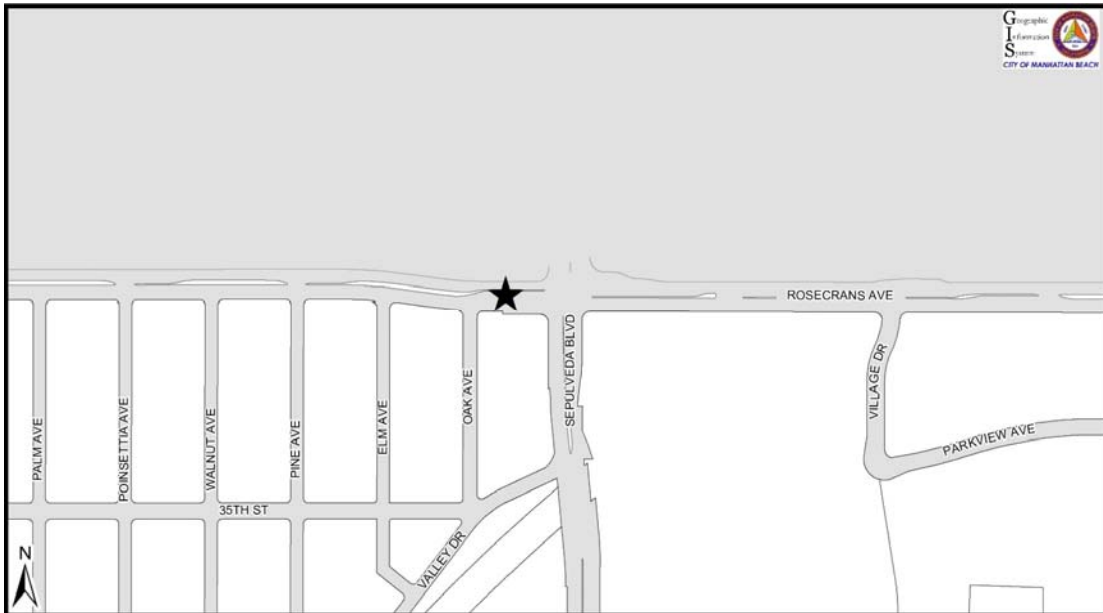
Project Title: Rosecrans Bike Lane Improvements (relocated from CIP Fund)

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	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Measure R	\$ 240,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 240,000
	Local Return							
	TOTAL	\$ 240,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 240,000

Location Map:



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- ☒ Carryover Project (Received previous appropriation)
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☐ Unfunded Project (Funding not available at this time)

Funding Source: Measure R Local Return

Carryover Project #: ST20102

Original Funding Year: 2019-20

General Plan Element Goals: I-6

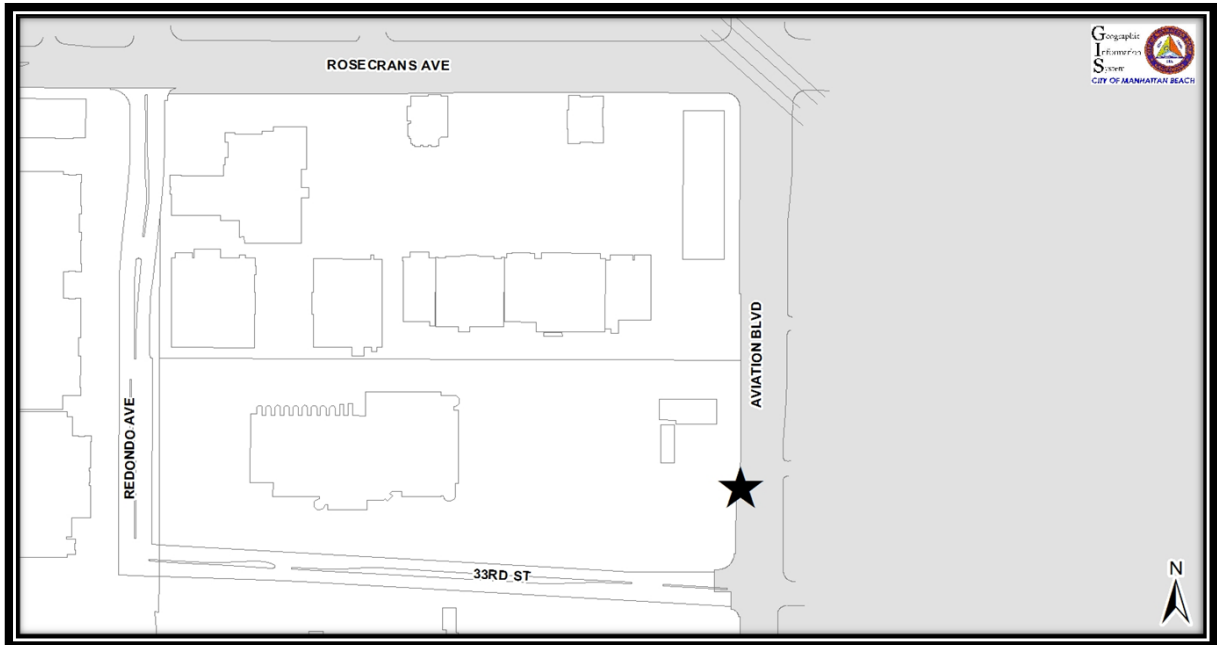
Project Title: Aviation (West-side) and 33rd Street Sidewalk (partial grant 5310)

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 people to connect the 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	\$ 700,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 700,000
	Local Return							
	TOTAL	\$ 700,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 700,000

Location Map:



City of Manhattan Beach **Capital Improvement Plan FY2022-2026** **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 #: ST21102

Original Funding Year: N/A

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 (ATC) and Video (Detection) Management Systems (VMS) 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 current 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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Measure M	\$ 3,640,000	\$ 1,800,000	\$ -	\$ -	\$ -	\$ -	\$ 5,440,000
	Local Return							
	TOTAL	\$ 3,640,000	\$ 1,800,000	\$ -	\$ -	\$ -	\$ -	\$ 5,440,000

Location Map:

Figure 1 - Map of Inventory Locations



**City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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

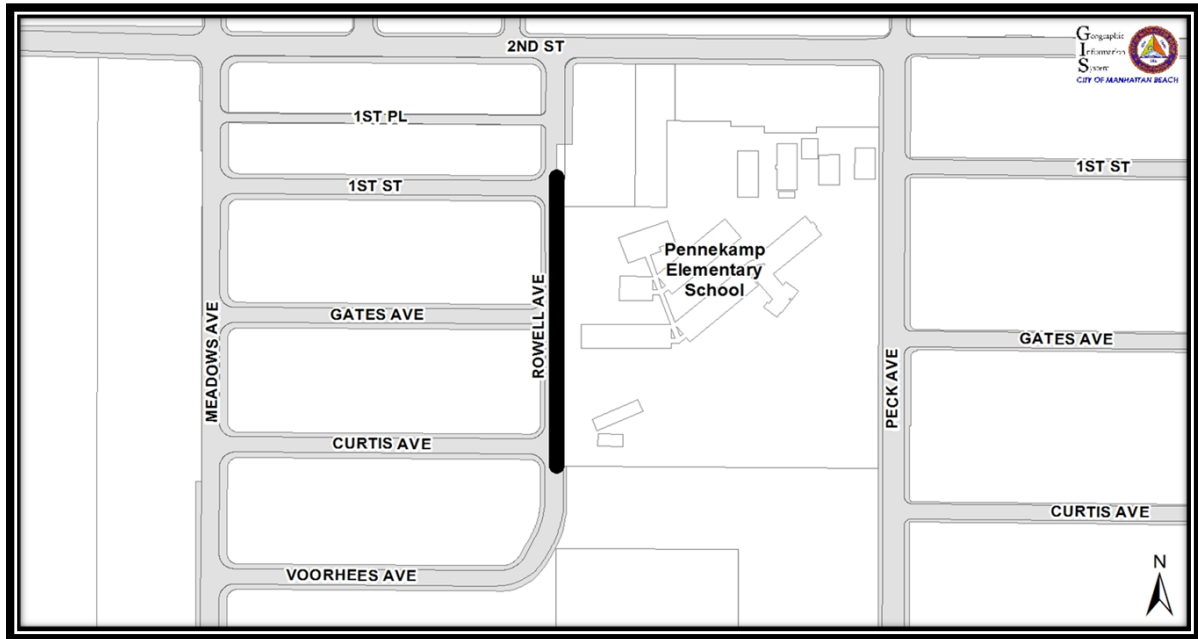
Project Title: Rowell Avenue Sidewalk Connection (Curtis & 1st St.)

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 kids/parents that walk to the school. This project is a good candidate for grant application to obtain supplemental funding.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Measure M	\$ 840,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 840,000
	Local Return							
	TOTAL	\$ 840,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 840,000

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Measure M	\$ 21,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,400
	Local Return							
	TOTAL	\$ 21,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,400

Location

Map:

No map; locations to be determined in Plan

City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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 Msr R, Msr M, and CIP

Carryover Project #: ST13822

Original Funding Year: 2012-13

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

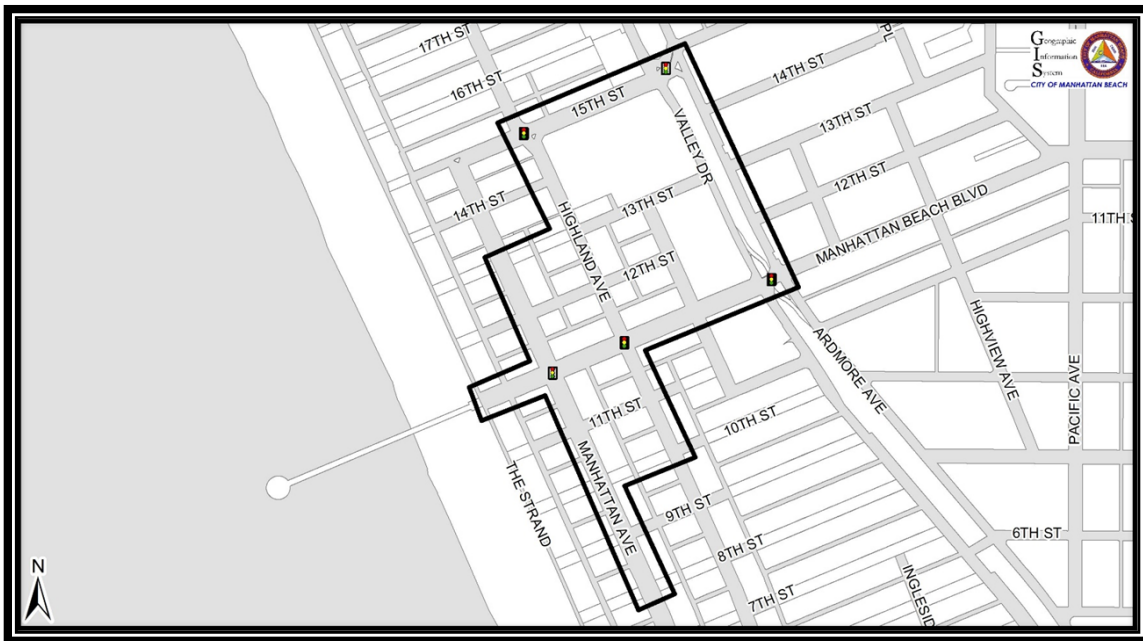
Project Title: Downtown Signal Upgrade

Description: Replacement of existing traffic signal poles and mast arms in the downtown area.

Justification: Existing traffic signal poles in the downtown area are deteriorated and require replacement.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	CIP Fund	\$ 54,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 54,000
	Measure M	\$ 255,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 255,500
	Local Return							
	Measure R	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,000
	Local Return							
	TOTAL	\$ 309,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 309,500

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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 Sts Hwys Fund, Prop C,
Carryover Project #: ST19105 Msr R & Msr M
Original Funding Year: 2018-19
General Plan Element Goals: I-1, I-2, I-2.3, I-6

Project Title: Annual Street Resurfacing Program

Description: The project will mill and overlay the pavement surface and replace displaced curbs, gutters, and sidewalk. Locations are determined through the Triennial Pavement Management (TPM) System update, which is performed every three years. The TPM is an inspection of pavement surfaces to assess condition, prioritize rehabilitation and determine resources required to maintain street pavements in good condition.

Justification: 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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Streets & Hwy Fund	\$ 764,000	\$ 650,000	\$ 350,000	\$ 650,000	\$ 350,000	\$ 650,000	\$ 3,414,000
	Prop C	\$ 1,434,000	\$ -	\$ 1,200,000	\$ -	\$ 1,200,000	\$ -	\$ 3,834,000
	Measure R	\$ 330,000	\$ -	\$ 800,000	\$ -	\$ 800,000	\$ -	\$ 1,930,000
	Measure M	\$ -	\$ 600,000	\$ -	\$ 800,000	\$ -	\$ 800,000	\$ 2,200,000
	TOTAL	\$ 2,528,000	\$ 1,250,000	\$ 2,350,000	\$ 1,450,000	\$ 2,350,000	\$ 1,450,000	\$ 11,378,000

Location Map:



**City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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 #: BL15828

Original Funding Year: 2014-15

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

Project Title: Facility Improvements

Description: Repair and refurbish building structures citywide based on the results of the Facilities Condition Assessment and Council direction, such as the following projects with previous appropriations: Citywide Security Cameras, City Hall HVAC Replacement/Repair, and ADA Access Village Field Restroom Pathway.

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 Source(s):	Prior Year Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	CIP Fund	\$ 2,253,362	\$ 600,000	\$ 400,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 5,053,362
	TOTAL	\$ 2,253,362	\$ 600,000	\$ 400,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 5,053,362

Location

Map:

No map; various facilities Citywide

City of Manhattan Beach

Capital Improvement Plan FY2022-2026

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

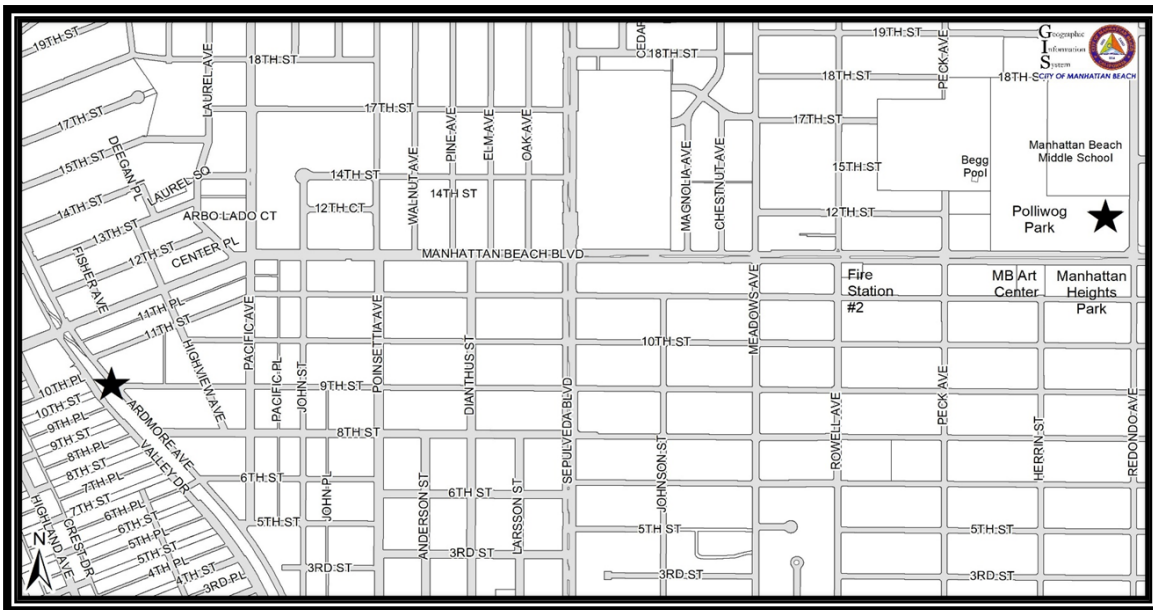
Description: Remove existing worn down and damaged fitness equipment and surfacing installation of new poured in place surfacing material and installation of all new fitness cluster equipment.

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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	CIP Fund	\$ 130,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 130,000
	TOTAL	\$ 130,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 130,000

Location Map:



**City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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

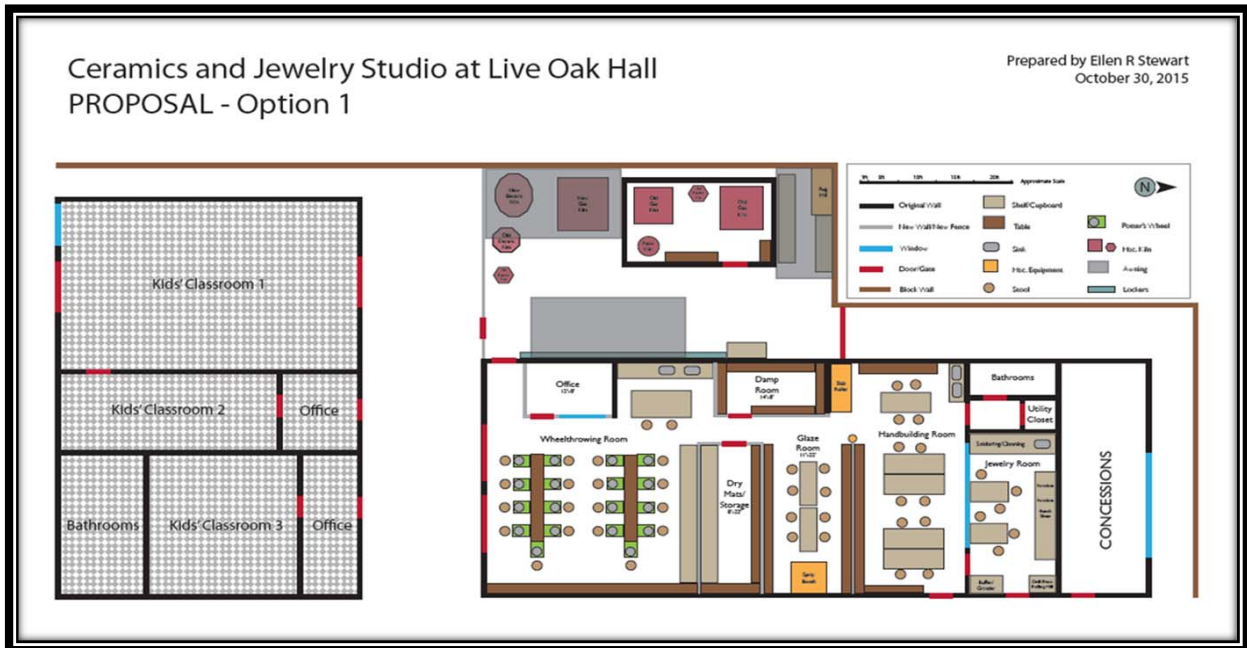
Project Title: Ceramics Studio Upgrades

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.

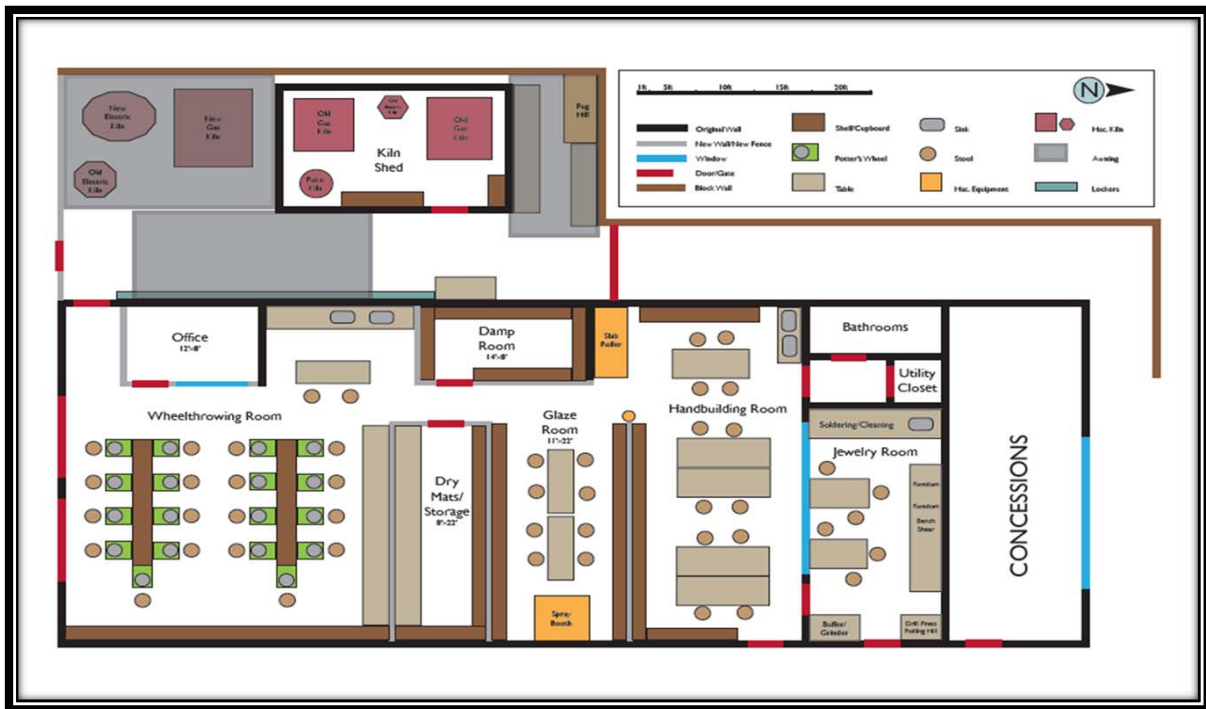
Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	CIP Fund	\$ 259,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 259,500
	TOTAL	\$ 259,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 259,500

Location Map:



**City of Manhattan Beach
Capital Improvement Plan FY2022-2026
Summary Sheets**

Project Title: Ceramics Studio Upgrades



**City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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 #: BL15829

Original Funding Year: 2014-15

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

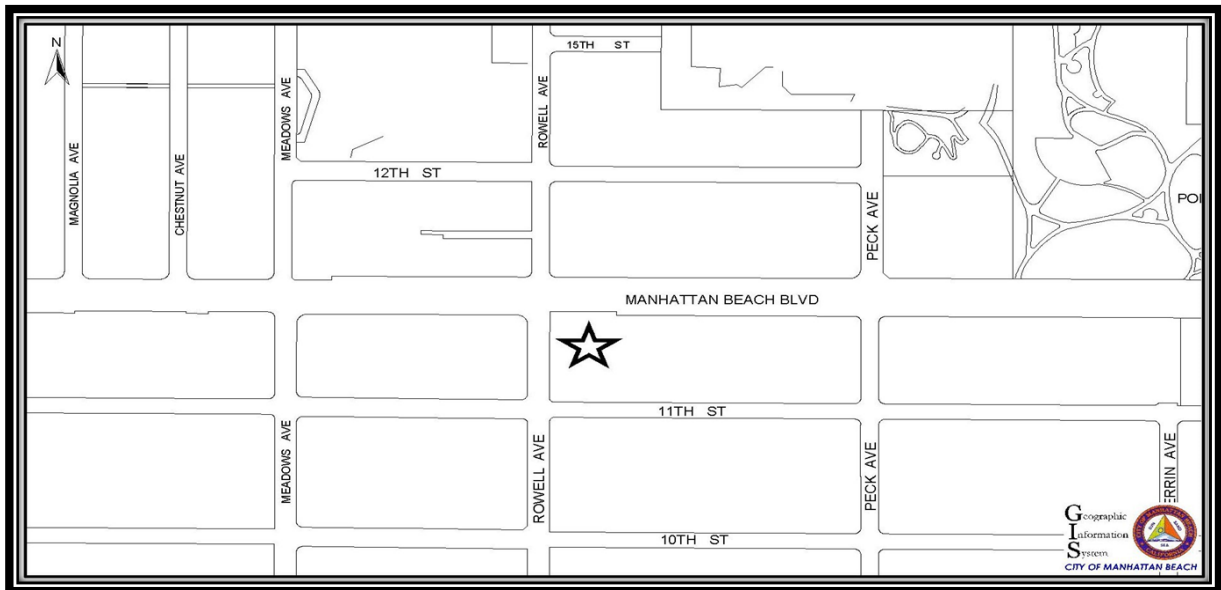
Project Title: Fire Station 2 Design Development

Description: Develop and design and perform site analysis for rebuild of Fire Station 2, located at 1400 Manhattan Beach Blvd., and construct improvements for immediate needs.

Justification: The current 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. On March 2, 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)

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	CIP Fund	\$ 315,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 315,000
	TOTAL	\$ 315,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 315,000

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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 House

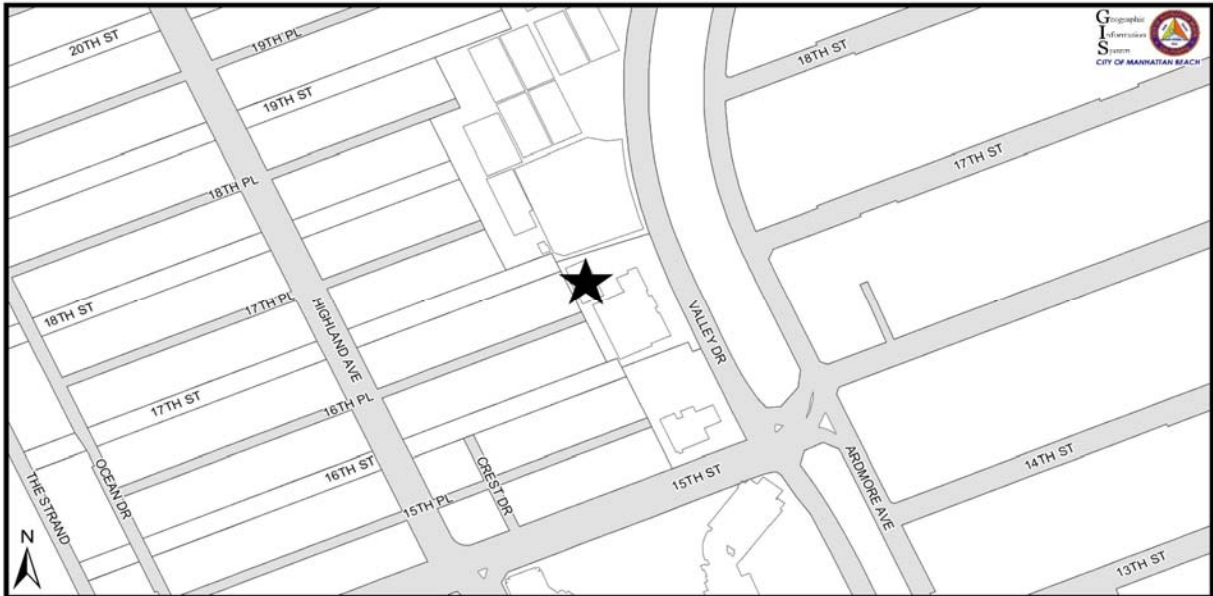
Description: Develop, design and construct a new Senior and Scout House in its current location.

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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	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 FY2022-2026
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

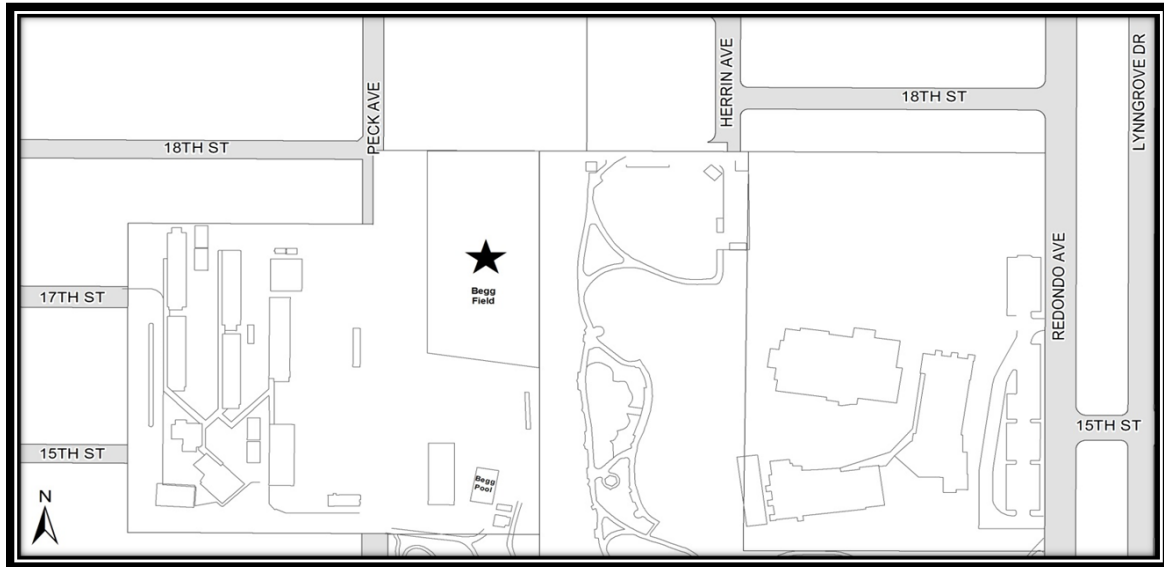
Project Title: Begg Field Improvements (Fencing, Backstops, etc.)

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

Justification: Over 5,000 AYSO, youth club and adult soccer participants play soccer annually in the City of Manhattan Beach. Installing fencing around the turf and replacing backstops will improve the use and lifespan of the field.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	CIP Fund	\$ -	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ 400,000
	TOTAL	\$ -	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ 400,000

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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:

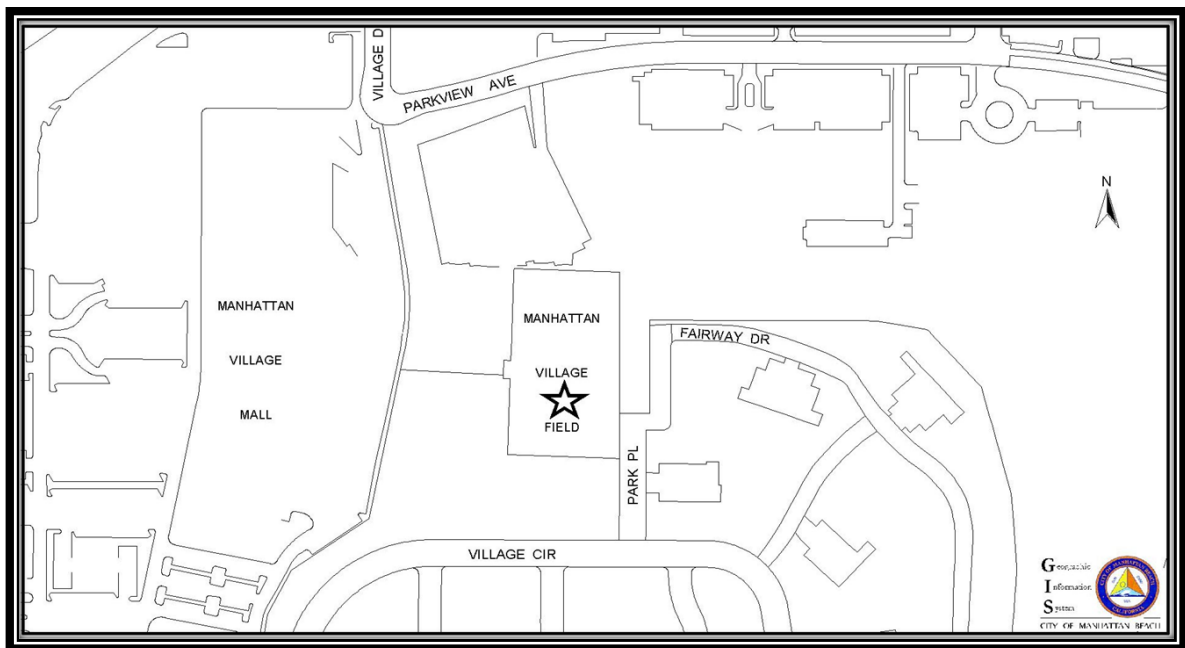
Project Title: Replace Light Fixtures at Manhattan Village

Description: Update field lighting with an energy efficient light system and 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 replacement/upgrades so that the lighting system will be energy efficient and have a control link (a system for flexible control and management of lights).

Project Cost Information:	Funding Source(s):	Prior Yr Appropriation	FY2017-18	FY2018-19	FY2019-20	FY2020-21	FY2021-22	TOTAL
	CIP Fund	\$ 100,230	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,230
	TOTAL	\$ 100,230	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,230

Location Map:



**City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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 - TBD

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 Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	CIP Fund	\$ 6,430	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,430
	TOTAL	\$ 6,430	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,430

Location Map:

No map; location to be determined

City of Manhattan Beach **Capital Improvement Plan FY2022-2026** **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: 2014-15

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

Project Title: City-Owned Refuse Enclosure Sewer Connections (annual)

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: The city applied for illegal dumping grant funds to make these changes (our reasoning: enclosures that are not connected to the sanitary sewer pose a threat of debris and leachate (liquid trash) illegally dumping into the storm drain system), but the state did not believe that Manhattan Beach had a severe problem to warrant the grant funding.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	CIP Fund	\$ -	\$ 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:



City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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 Msr R, Msr M, and CIP

Carryover Project #: ST13822

Original Funding Year: 2012-13

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

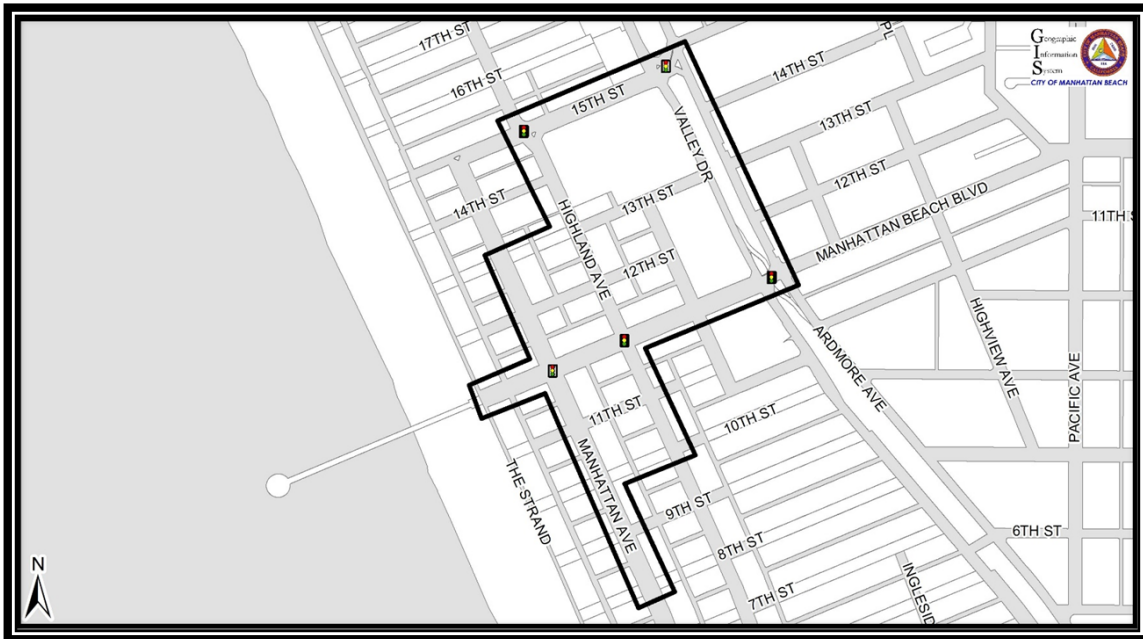
Project Title: Downtown Signal Upgrade

Description: Replacement of existing traffic signal poles and mast arms in the downtown area.

Justification: Existing traffic signal poles in the downtown area are deteriorated and require replacement.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	CIP Fund	\$ 54,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 54,000
	Measure M	\$ 255,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 255,500
	Local Return							
	Measure R	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,000
	Local Return							
	TOTAL	\$ 309,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 309,500

Location Map:



**City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	CIP Fund	\$ 273,768	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 523,768
	TOTAL	\$ 273,768	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 523,768

Location

Map:

Various locations; citywide

**City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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

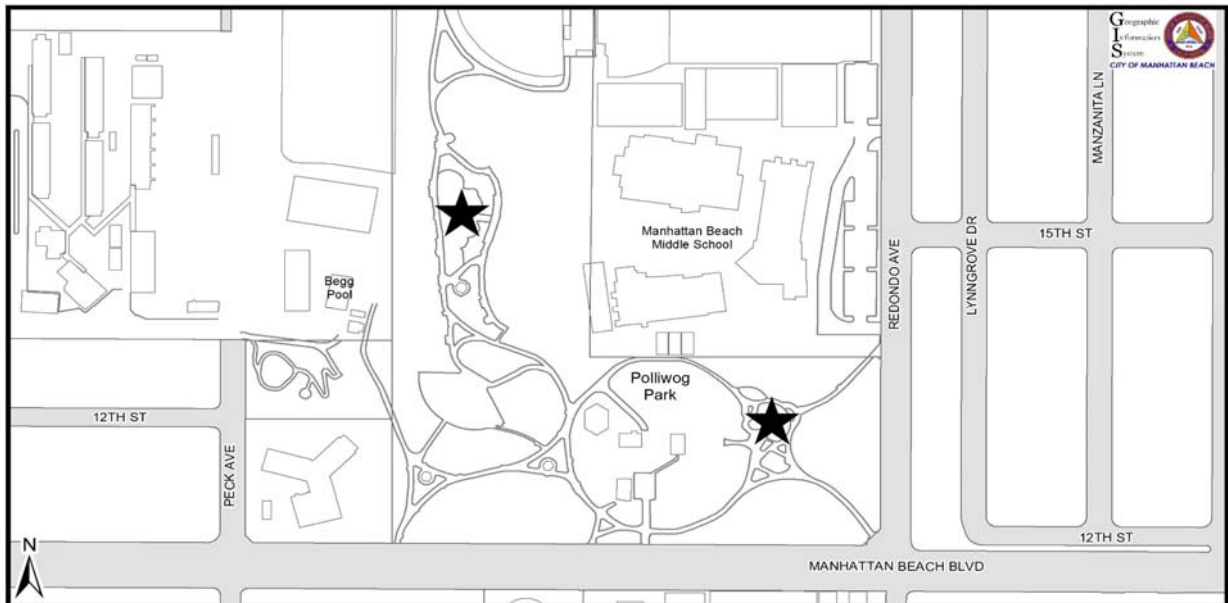
Project Title: Polliwog Playground Resurfacing & Equipment Replacement (Prop A/CIP)

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 Polliwog 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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Prop A/CIP	\$ 957,000	\$ 1,600,000	\$ -	\$ -	\$ -	\$ -	\$ 2,557,000
	TOTAL	\$ 957,000	\$ 1,600,000	\$ -	\$ -	\$ -	\$ -	\$ 2,557,000

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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

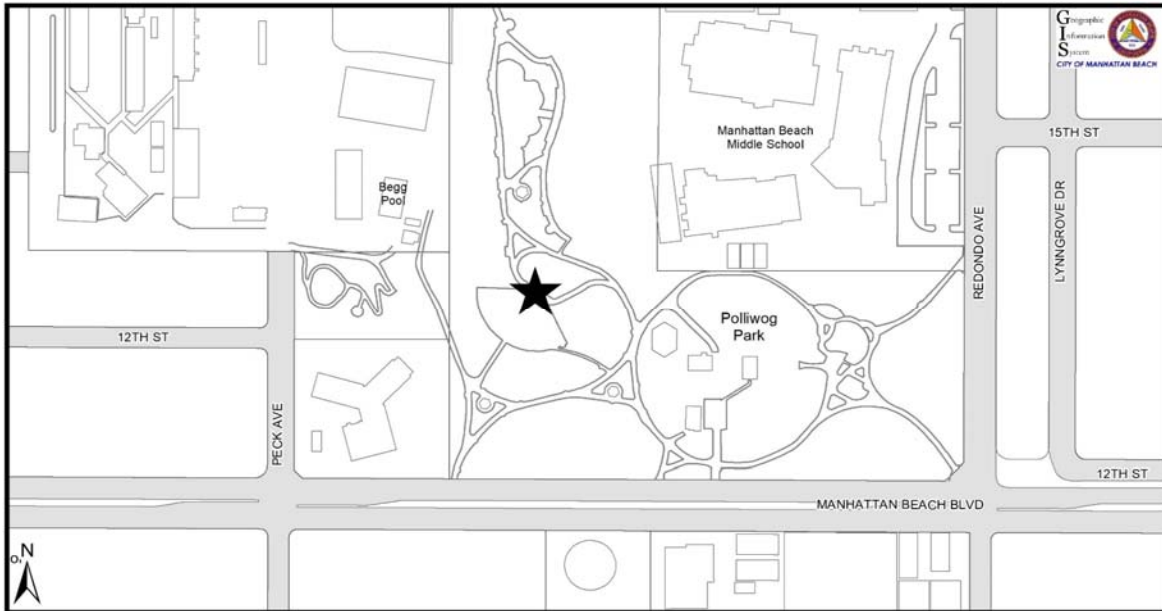
Project Title: Polliwog Band Stage (Public Art Trust Fund): Design

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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Public Art Trust Fund	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
	TOTAL	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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 Streets & Highways, & CDBG

Carryover Project #: ST19204 ST19104

Original Funding Year: 2018-19

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

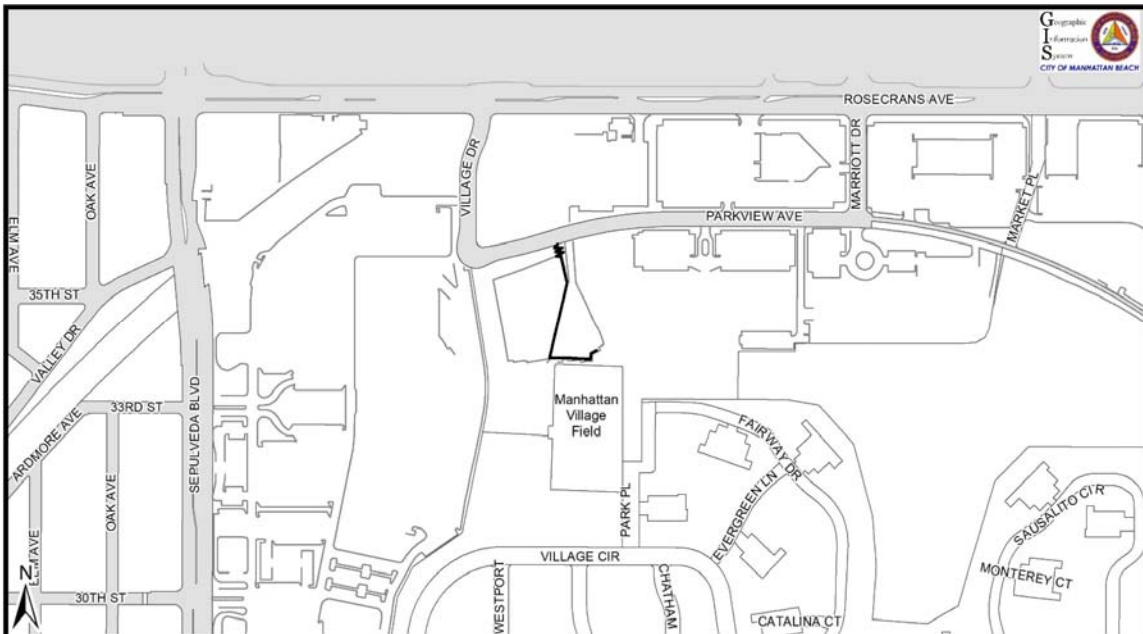
Project Title: Village Field & Senior Villas ADA Access

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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Streets & Highway	\$ 58,150	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 158,150
	CDBG Funds	\$ 422,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 422,500
	TOTAL	\$ 480,650	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 580,650

Location Map:



**City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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. These ongoing projects are not new, but the title is new as of the 2019-2020 CIP.

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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	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 FY2022-2026 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 #: ST17204

Original Funding Year: 2016-17

General Plan Element Goals: I-4

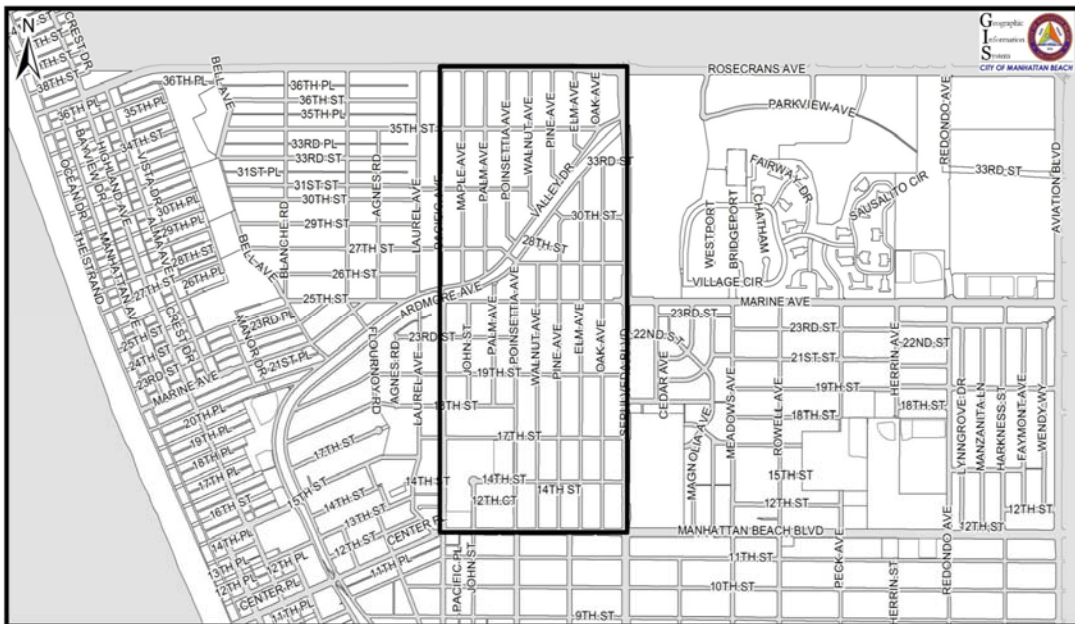
Project Title: Sepulveda Blvd./Oak Ave. Neighborhood Intrusion Study (Manhattan Village Mall)

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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
MV Shopping Center		\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
TOTAL		\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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

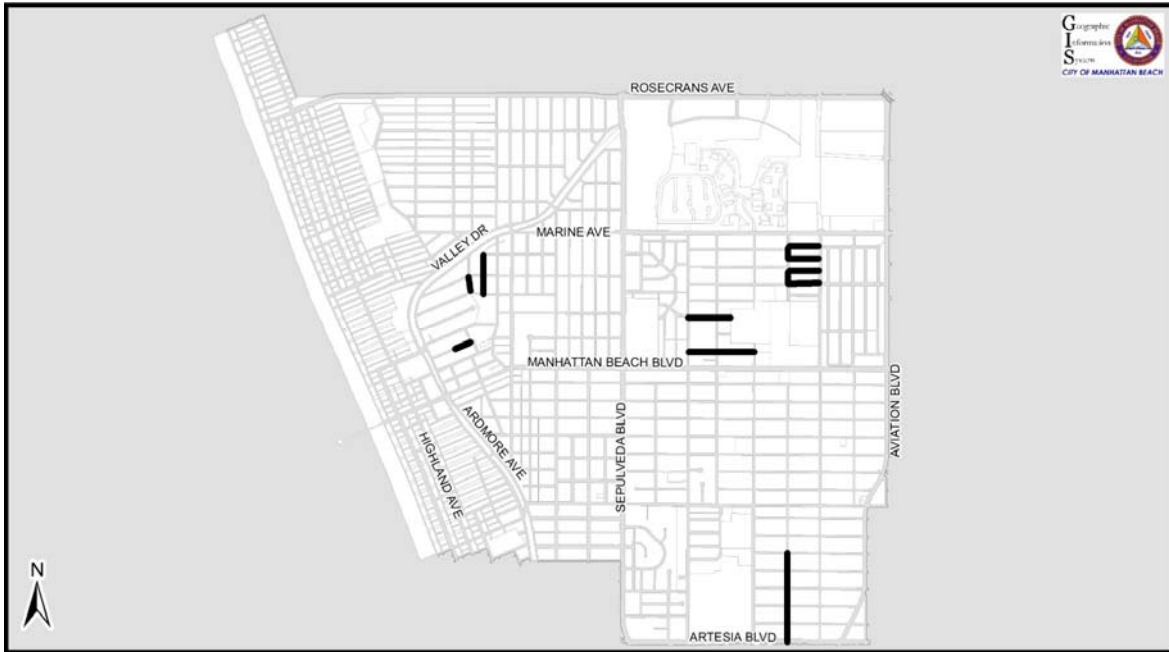
Project Title: Annual Pipe Replacement Program

Description: The Water Masterplan 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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Water Fund	\$ 306,100	\$ 2,500,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 14,806,100
	TOTAL	\$ 306,100	\$ 2,500,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 14,806,100

Location Map:



**City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Water Fund	\$ 1,980,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,980,000
	TOTAL	\$ 1,980,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,980,000

Location Map:

No map; Citywide

**City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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

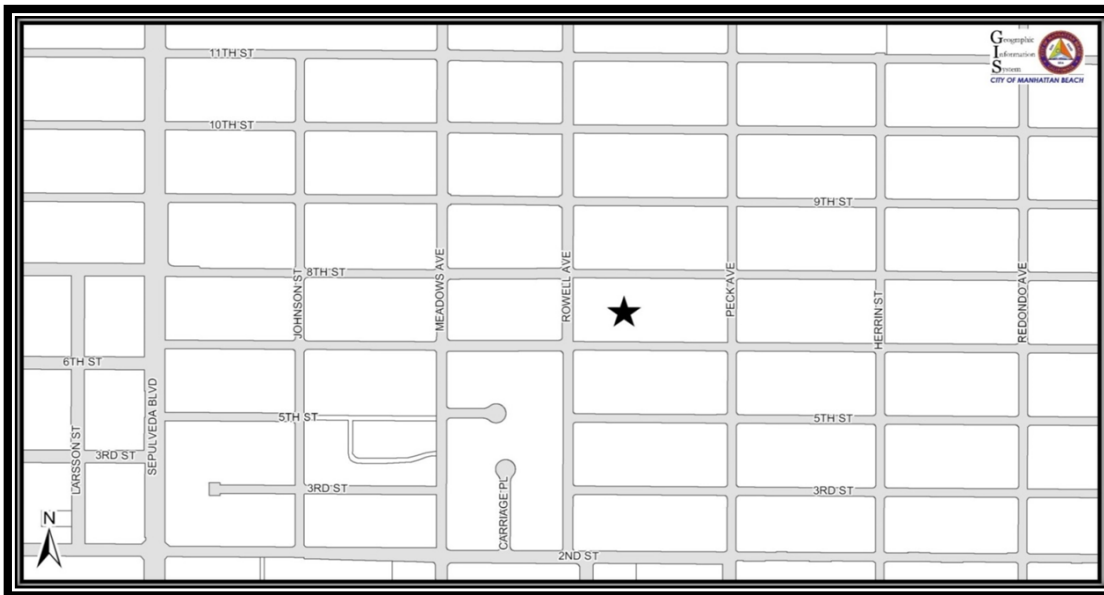
Project Title: Block 35 Ground Level Reservoir Replacement (Design Only)

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

Justification: Block 35 Ground Level Reservoir (2 mg) 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 blending takes place, and from where water is pumped into the system. Therefore, its integrity is essential for proper operation of the 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 at the pre-design state.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	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 FY2022-2026
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

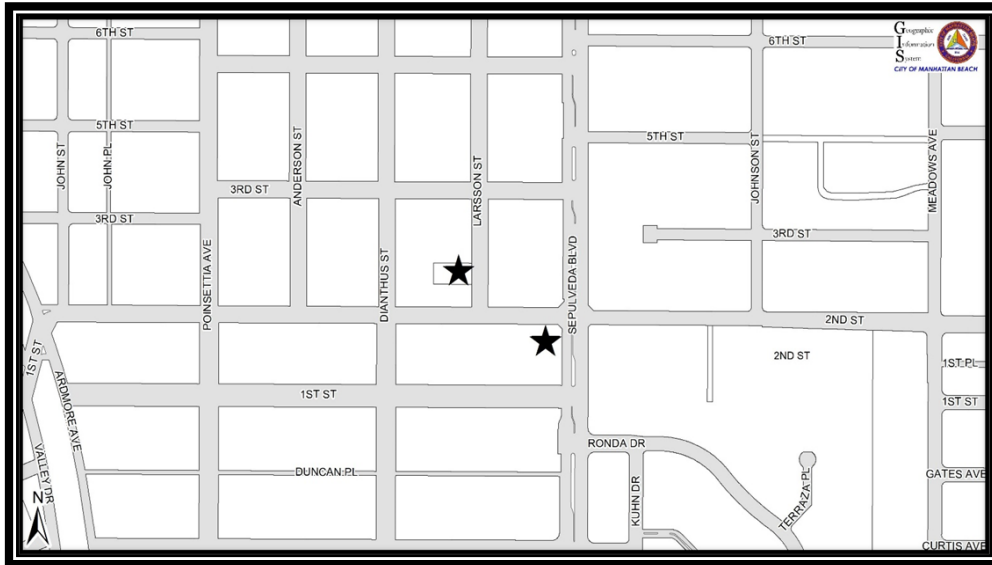
Description: Installation of new motors, pumps, variable speed drives, motor controls, control valves, relief valve, piping, and wiring.

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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Water Fund	\$ 542,600	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,542,600
	TOTAL	\$ 542,600	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,542,600

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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

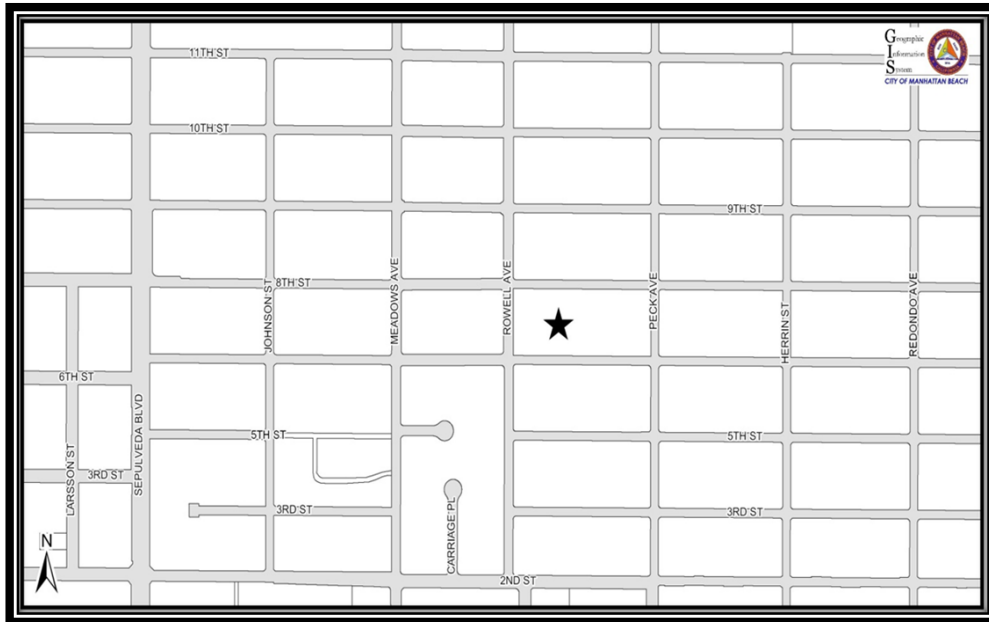
Project Title: Paint Block 35 Elevated Tank

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 surface 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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Water Fund	\$ 1,400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,400,000
	TOTAL	\$ 1,400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,400,000

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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

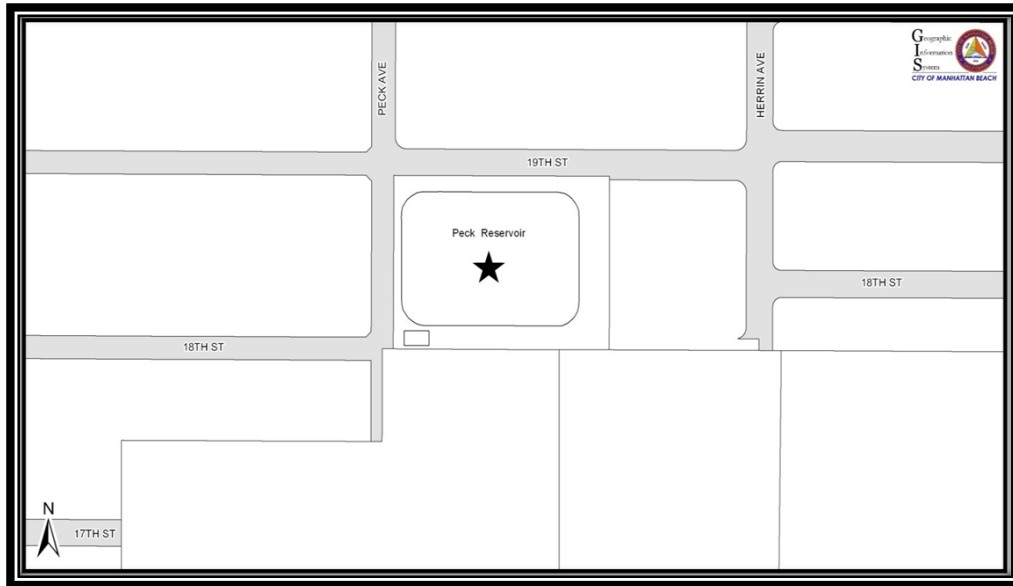
Project Title: Peck Ground Level Reservoir Replacement

Description: As recommended in the City's 2010 Water Master Plan, replace existing 7.5 million gallon with an estimated 8 million gallon reservoir. The project will also reconstruct the pump boost station.

Justification: Built in 1957, Peck Reservoir has exceeded its useful life. The metal roof has deteriorated beyond repair and the existing reservoir has no mechanical ventilation system to control condensation and temperature within the reservoir, which adversely impact the disinfection residual of stored water and metallic surfaces. Despite attempts to repair leaking concrete slopes and floor, the reservoir continues to leak and cannot be filled beyond 15 feet of the 20 feet of available storage.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Water Fund	\$ 36,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 36,000,000
	TOTAL	\$ 36,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 36,000,000

Location Map:



**City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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

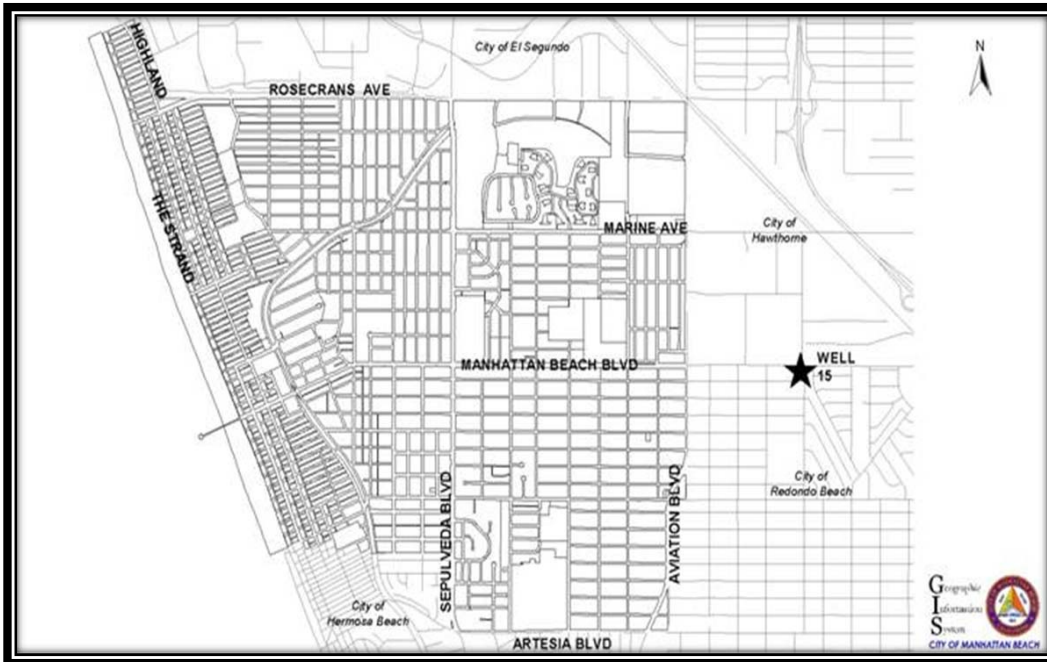
Project Title: Redrill & Equip Well 15

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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Water Fund	\$ -	\$ -	\$ 650,000	\$ -	\$ -	\$ -	\$ 650,000
	TOTAL	\$ -	\$ -	\$ 650,000	\$ -	\$ -	\$ -	\$ 650,000

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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 Water & Wastewater

Carryover Project #: WW11838

Original Funding Year: 2010-11

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

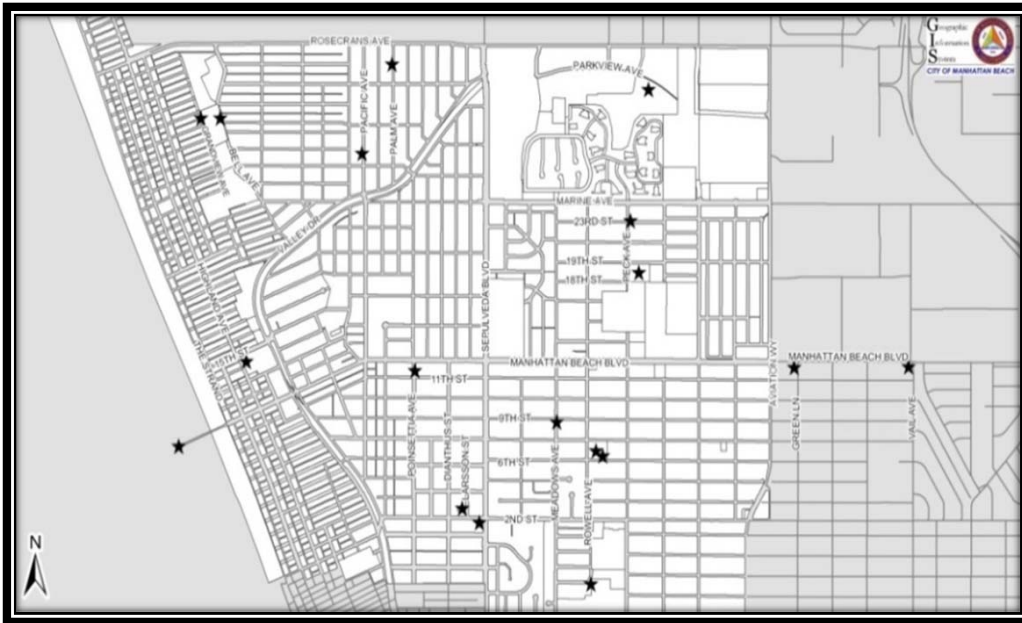
Project Title: Utility Telemetry

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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	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 FY2022-2026
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 #: WA19301

Original Funding Year: 2018-19

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

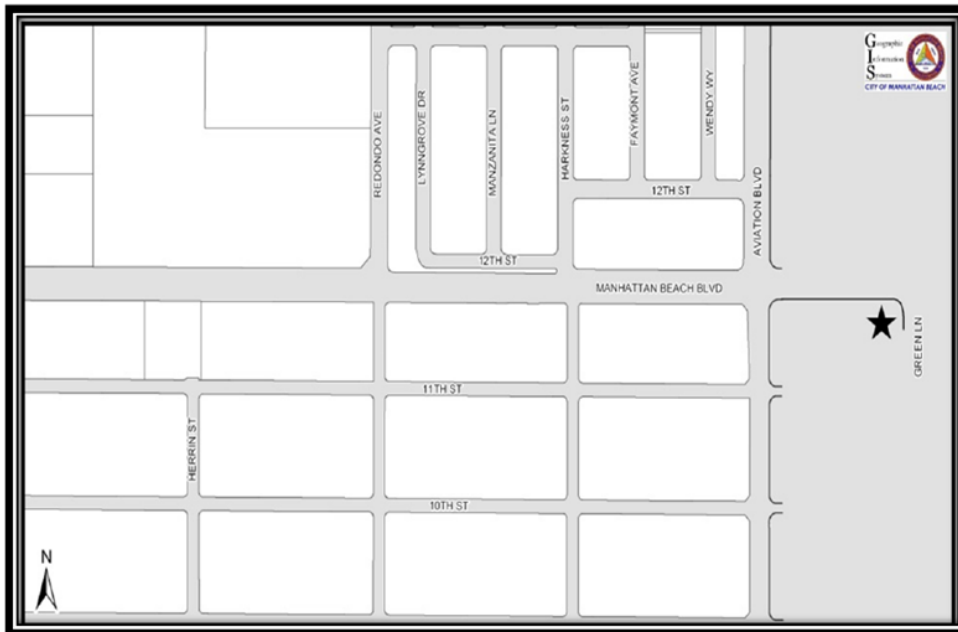
Project Title: Well 11A Variable Frequency Drive Installation

Description: Retrofit existing Well 11A water pumping system to incorporate VFD installation.

Justification: Well 11A VFD Installation will allow water operations additional flexibility with blending well (ground) water and MWD water to keep water quality consistent in the distribution system.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Water Fund	\$ -	\$ -	\$ 125,000	\$ -	\$ -	\$ -	\$ 125,000
	TOTAL	\$ -	\$ -	\$ 125,000	\$ -	\$ -	\$ -	\$ 125,000

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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 (ground) water and MWD water to keep water quality consistent in the distribution system.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Water Fund	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ 300,000
	TOTAL	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ 300,000

Location Map:



**City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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: 2019-20

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

Project Title: Water Masterplan Update

Description: Last updated in 2010, the masterplan is a guidance document for the water department'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.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Water Fund	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000
	TOTAL	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000

Location

Map:

No map; plan update

City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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

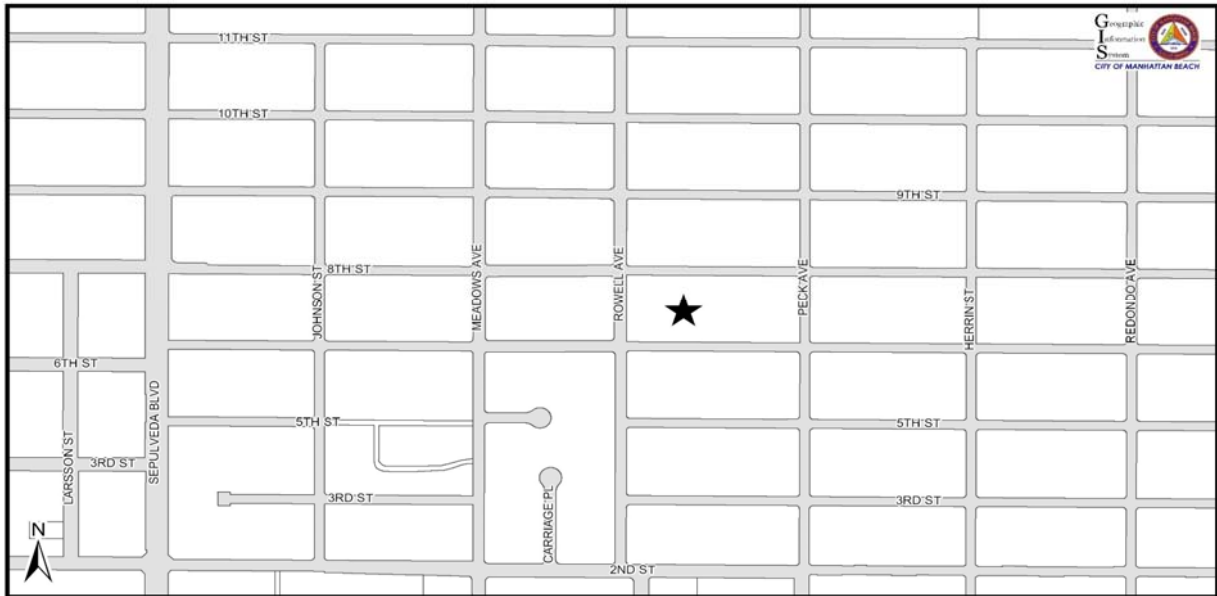
Project Title: Electronics Automation (SCADA)

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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Water Fund	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000
	TOTAL	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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: Generator Upgrades at Larsson, 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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	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 FY2022-2026
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.

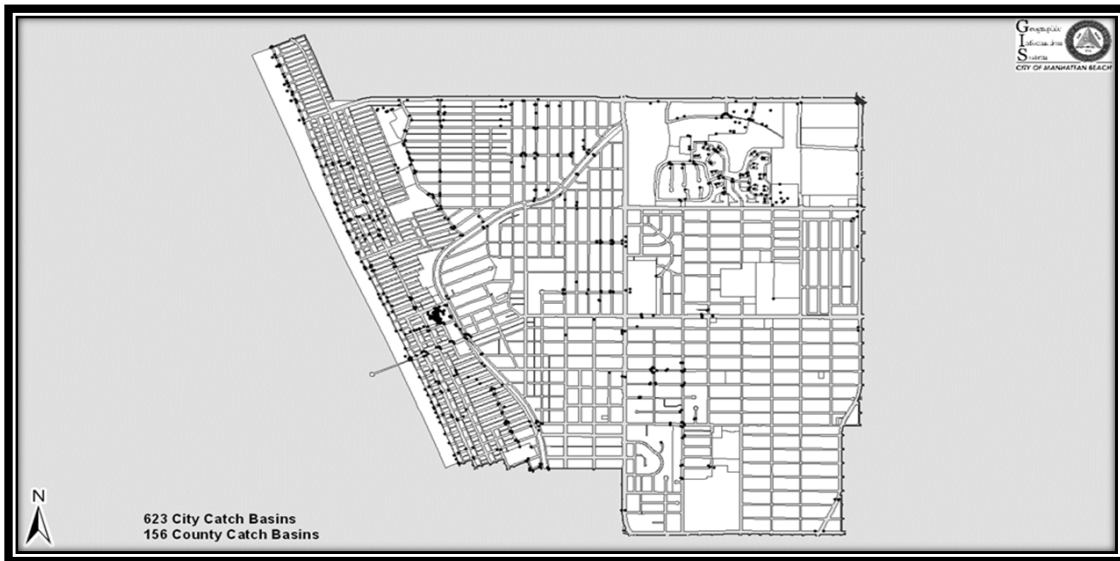
It is expected that the implementation requirement will be as follows:

- 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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Stormwater Fund	\$ 1,400,000	\$ 210,000	\$ 210,000	\$ 210,000	\$ 210,000	\$ 210,000	\$ 2,450,000
	TOTAL	\$ 1,400,000	\$ 210,000	\$ 210,000	\$ 210,000	\$ 210,000	\$ 210,000	\$ 2,450,000

Location

Map:



City of Manhattan Beach **Capital Improvement Plan FY2022-2026** **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 #: SW21402

Original Funding Year:

General Plan Element Goals: I-9

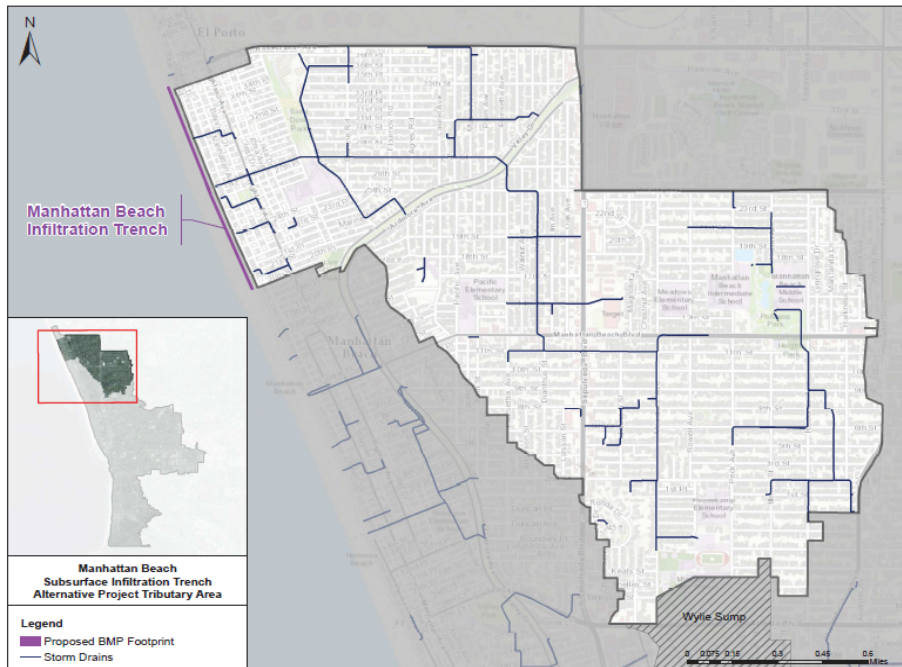
Project Title: Strand Infiltration Feasibility Study

Description: The proposed project will consist of pretreatment leading to an infiltration trench and wells. Dry and wet weather flows from the 28th St. (and the Strand) storm drain will enter the forebay and trash nets for pretreatment and then flow into a series of infiltration wells and/or perforated pipes extending laterally from both sides of the forebay. The perforated pipes will be laid amongst a bed and fill of gravel to enhance storage prior to infiltration into native soils. When persistent flows fill the system to storage capacity, additional runoff will overflow from the forebay via an overflow chute and re-enter the existing drainage system. The project is expected to be primarily focused within the footprint of the County parking lot just east of the Lifeguard building.

Justification: Infiltration trenches remove pollutants from stormwater network by infiltrating stormwater into the native soil beneath the system.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Stormwater Fund	\$ 82,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 82,000
	TOTAL	\$ 82,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 82,000

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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: 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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Stormwater Fund	\$ 600,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 3,100,000
	TOTAL	\$ 600,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 3,100,000

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Stormwater Fund	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000
	TOTAL	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000

Location Map:



**City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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 #: SW18401

Original Funding Year: 2017-18

General Plan Element Goals: i-9

Project Title: Stormwater Masterplan Update

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

Justification: The City's current 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.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Stormwater Fund	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000
	TOTAL	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000

Location Map:

No map; plan update

**City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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: Joint Watershed Infiltration Project

Description: Construct a regional stormwater capture and infiltration system.

Justification: This regional project is required as part of the NPDES permit. The funds are required as the city's match for the grant received. Total project cost is approximately \$6 million, and Manhattan Beach's required portion to contribute toward the project is \$500,000.

The system will be installed in a location to be determined in the South Bay.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Stormwater Fund	\$ 362,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 362,500
	TOTAL	\$ 362,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 362,500

Location

Map:

No map; along Hermosa Beach's Greenbelt only

**City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Wastewater Fund	\$ 3,585,000	\$ 1,100,000	\$ 1,100,000	\$ 1,100,000	\$ 1,500,000	\$ 1,500,000	\$ 9,885,000
	TOTAL	\$ 3,585,000	\$ 1,100,000	\$ 1,100,000	\$ 1,100,000	\$ 1,500,000	\$ 1,500,000	\$ 9,885,000

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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 Sewage Lift Station Replacement and Force Main Replacement

Description: Reconstruction/modification of the Poinsettia Sewage Lift Station and installation of a second force main.

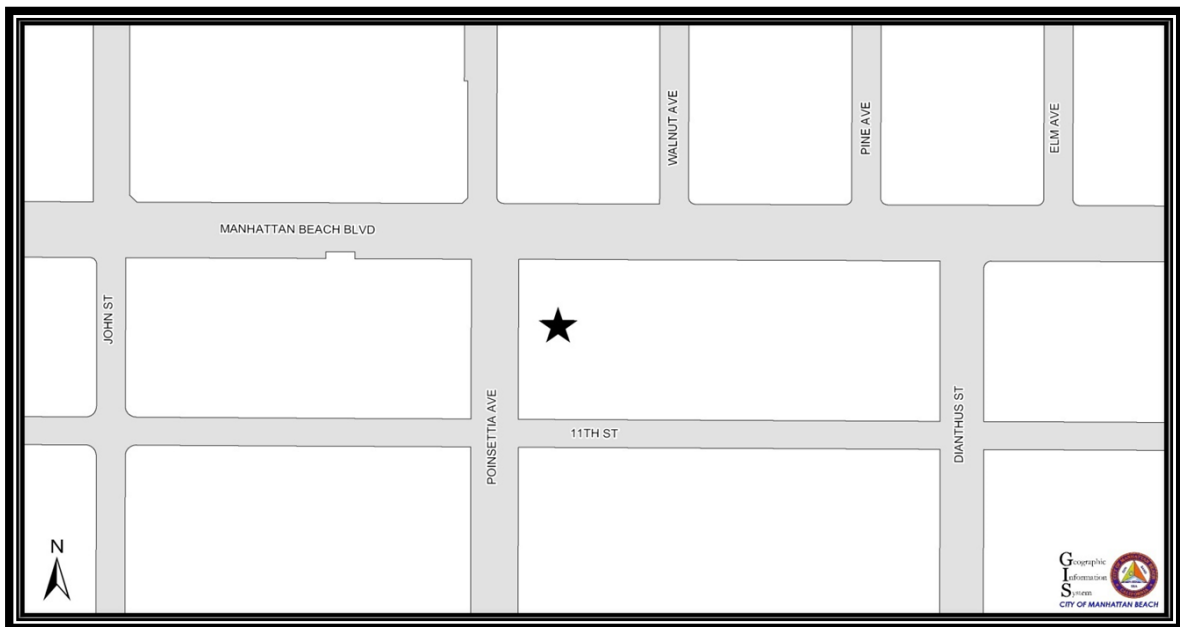
Justification: The Poinsettia Sewage Lift Station has the smallest wet well capacity of any of the City's lift stations. It has only 394 gallons and 4.7 minutes of emergency storage at the peak wet weather flow rate of 85 gpm. Emergency storage for a regular dry day during the morning peak is only 8 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 pump stations be equipped with at least 30 minutes of peak wet weather emergency storage. This station should be equipped with a minimum of 2,550 gallons emergency storage.

To provide the additional storage required, a new and deeper wet well must be constructed. It is possible that the existing dry/wet well could be used as the future dry well; however doing so would reduce the efficiency of the pumps and increase cavitation potential. It is recommended that a completely new station be built adjacent to the existing station that will possess a wet well with adequate emergency storage with a new adjacent drywell containing the pumps and controls.

An additional force main will be installed to provide system redundancy. The new force main would be 4" ductile iron pipe and would run from the station to Manhattan Beach Boulevard where it would discharge into a gravity sewer. The old force main would remain and would be available if the primary force main was damaged.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Wastewater Fund	\$ 3,200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,200,000
	TOTAL	\$ 3,200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,200,000

Location Map:



**City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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, Emergency Storage, and Force Main Replacement

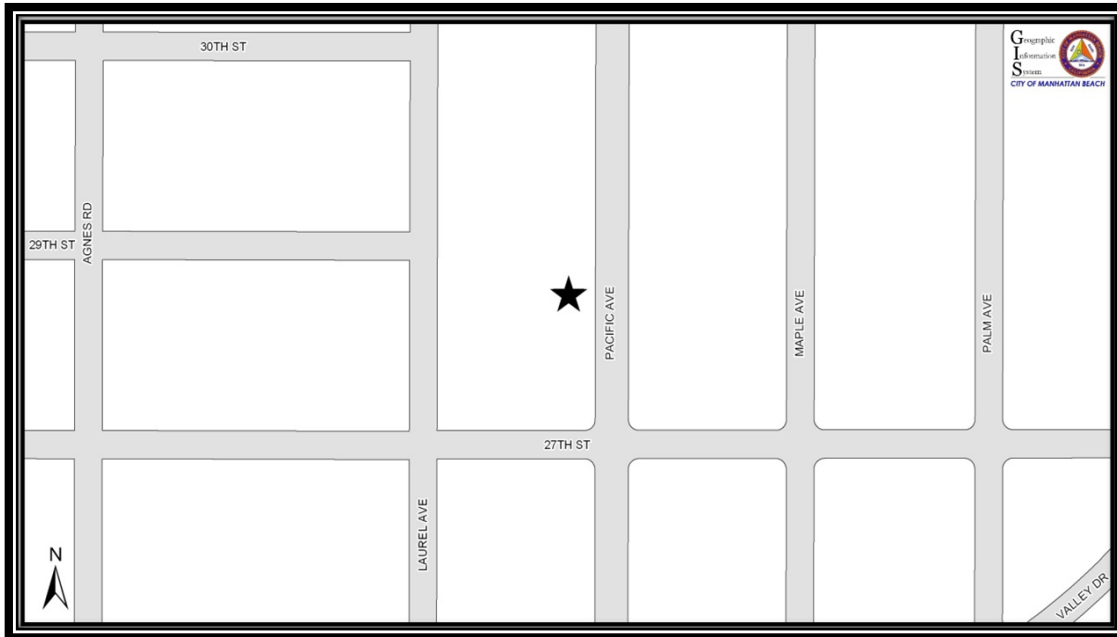
Description: Improvement of the Pacific Avenue Sewage Lift Station and installation of a second force main.

Justification: The Pacific Avenue Lift Station could not pump at the needed rate if one of the two pumps fail or is taken out of service for maintenance. Also, there is not sufficient storage at this location. This project will modify the pumps and controls to accommodate two pumps capable of pumping 400 gallons per minute.

The Pacific Avenue Lift Station currently pumps sewage through a 57-year-old 6" cast iron force main a distance of 1,225 feet to the intersection of Poinsettia Avenue and Ardmore Avenue. 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 emergency storage will be constructed at the site.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Wastewater Fund	\$ 2,270,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,270,000
	TOTAL	\$ 2,270,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,270,000

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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 Water & Wastewater

Carryover Project #: WW11838

Original Funding Year: 2010-11

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

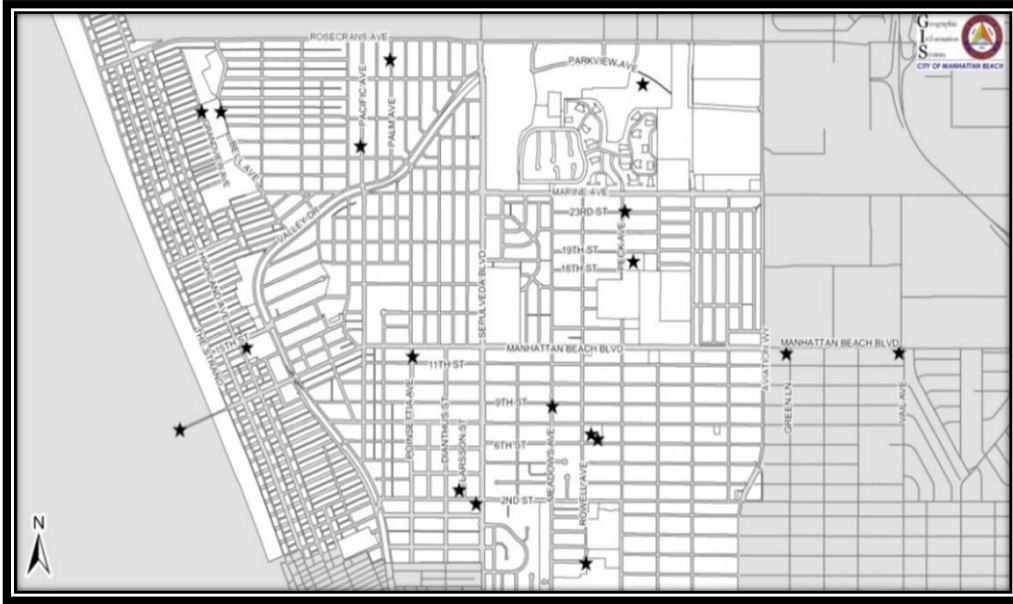
Project Title: Utility Telemetry

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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	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 FY2022-2026
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, Emergency Storage, and Force Main Replacement

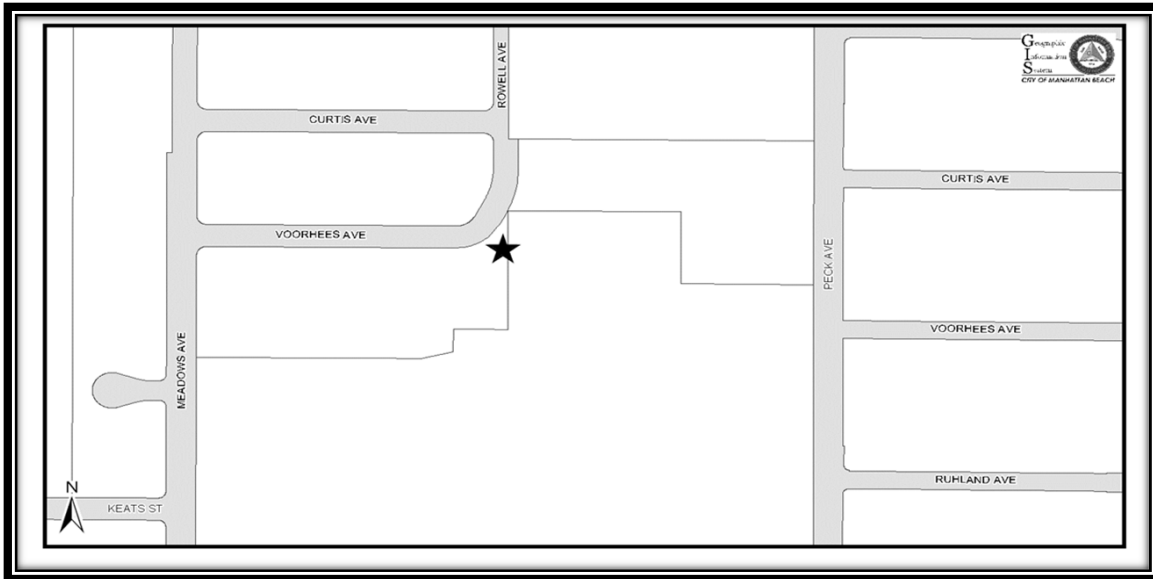
Description: Improvement of the Voorhees Sewage Lift Station and installation of a second force main.

Justification: The Voorhees Lift Station currently 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 of pumping 350 gallons per minute and will provide additional emergency storage.

The Voorhees Lift Station pumps sewage through a 59-year-old 6" cast iron force main a distance of 1,300 feet to the intersection of Peck and Gates Avenues. 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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Wastewater Fund	\$ 2,055,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,055,000
	TOTAL	\$ 2,055,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,055,000

Location Map:



**City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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

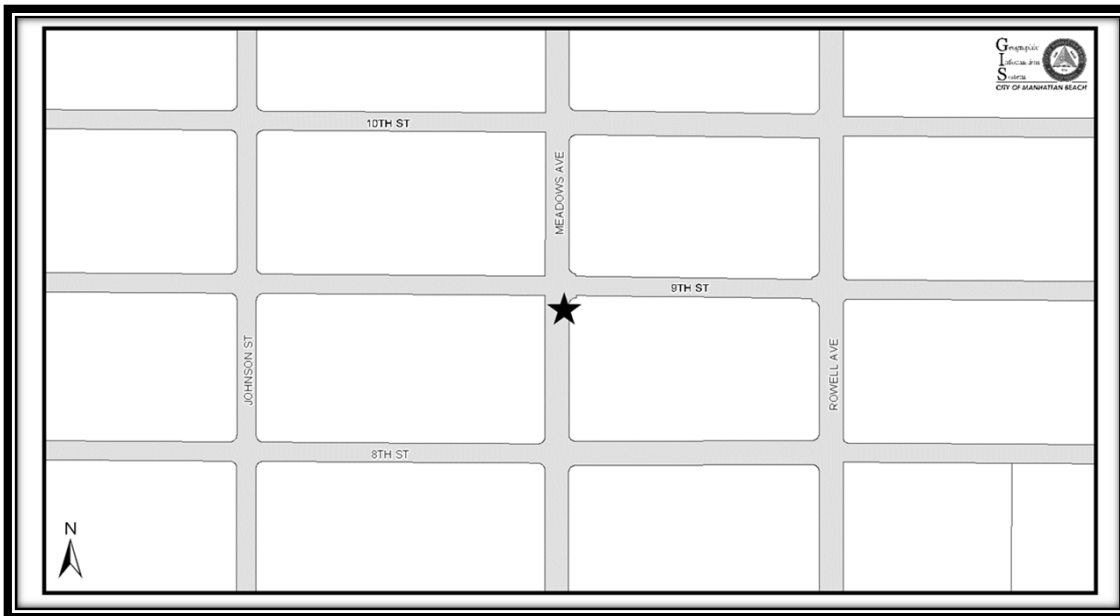
Description: Improvement of the Pacific Avenue Sewage Lift Station and installation of a second force main.

Justification: The Meadows Lift Station is located on Meadows Avenue immediately south of 9th Street. The current station could not 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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Wastewater Fund	\$ -	\$ -	\$ -	\$ 1,600,000	\$ -	\$ -	\$ 1,600,000
	TOTAL	\$ -	\$ -	\$ -	\$ 1,600,000	\$ -	\$ -	\$ 1,600,000

Location Map:



**City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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 Masterplan Update

Description: Last updated in 2010, the masterplan is a guidance document for infrastructure and operations, and the system capacity and hydraulic assessment citywide.

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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Wastewater Fund	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000
	TOTAL	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000

Location Map:

No map; plan update

City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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

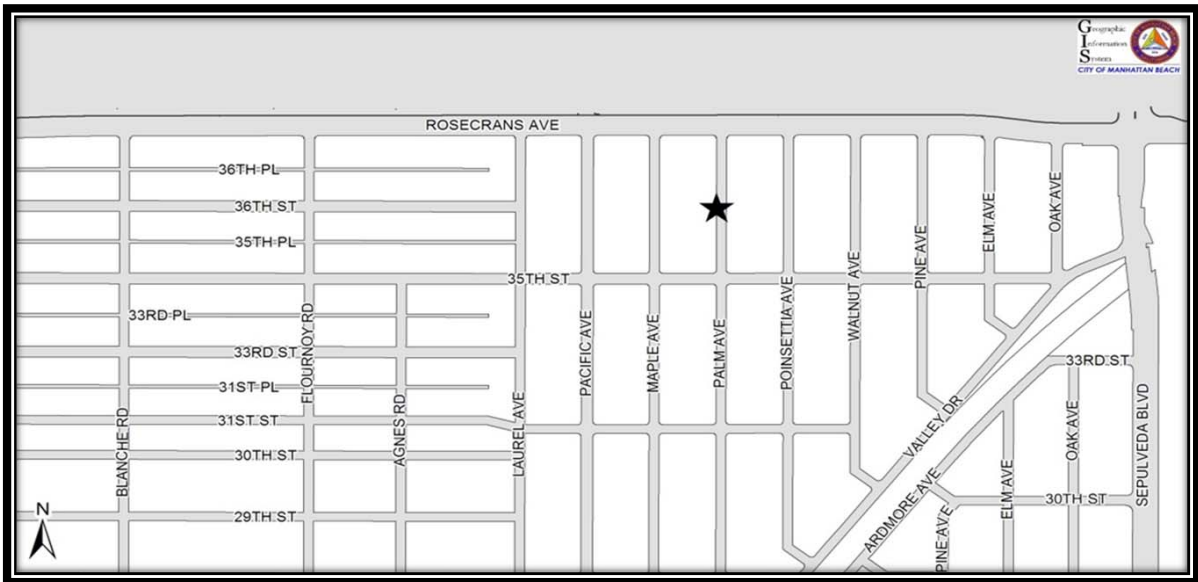
Project Title: Palm Lift Station Upgrade, Emergency Storage, and Force Main Replacement

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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	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 FY2022-2026
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, I-11

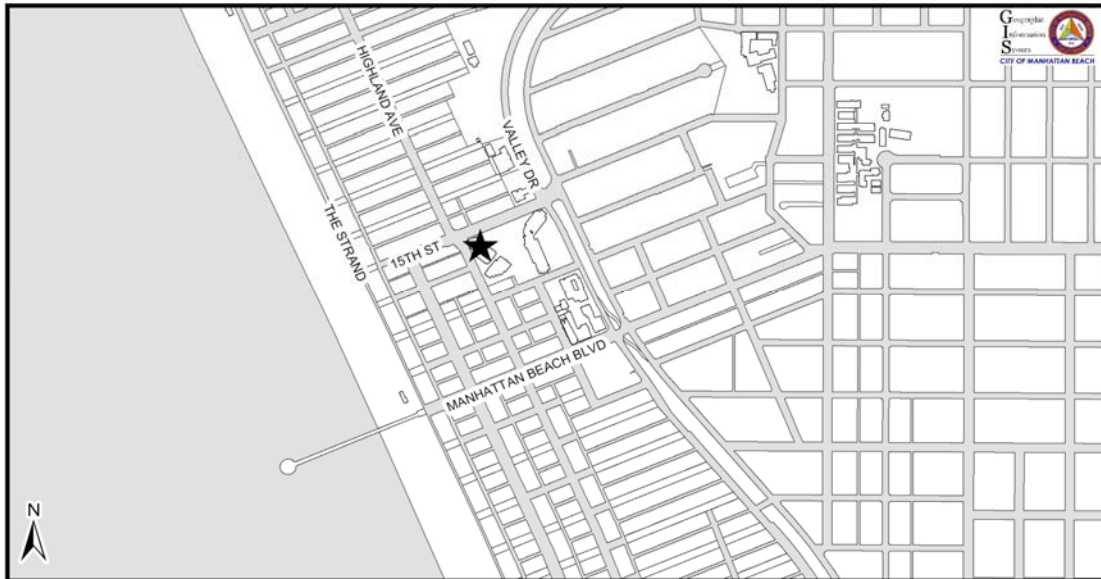
Project Title: City Hall Lift Station Upgrade, Emergency Storage, and Force Main Replacement

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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Wastewater Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000
	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000

Location Map:



City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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 #: PK18701

Original Funding Year: 2017-18

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

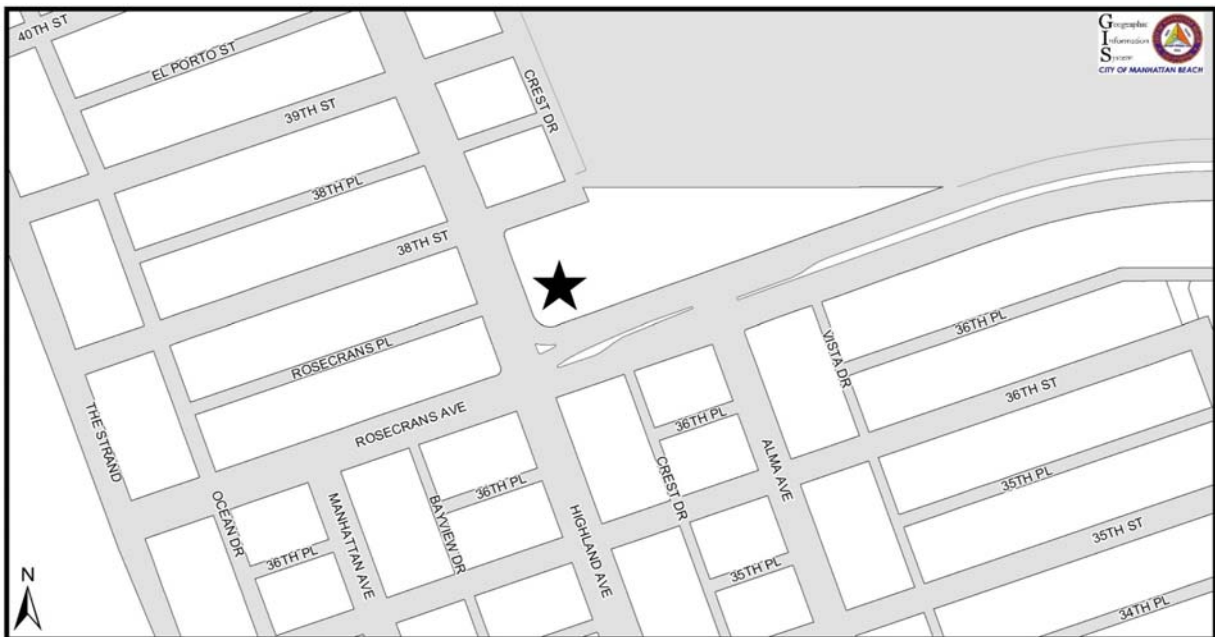
Project Title: Parking Structure Structural Rehab: Lot 4

Description: Perform in-depth analysis of parking lot 4 to determine whether the structure can be rehabilitated or require complete replacement. This analysis will also look at various options if replacement is necessary or preferred to expand parking spaces.

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

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Parking Fund	\$ 789,450	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 789,450
	TOTAL	\$ 789,450	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 789,450

Location Map:



**City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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

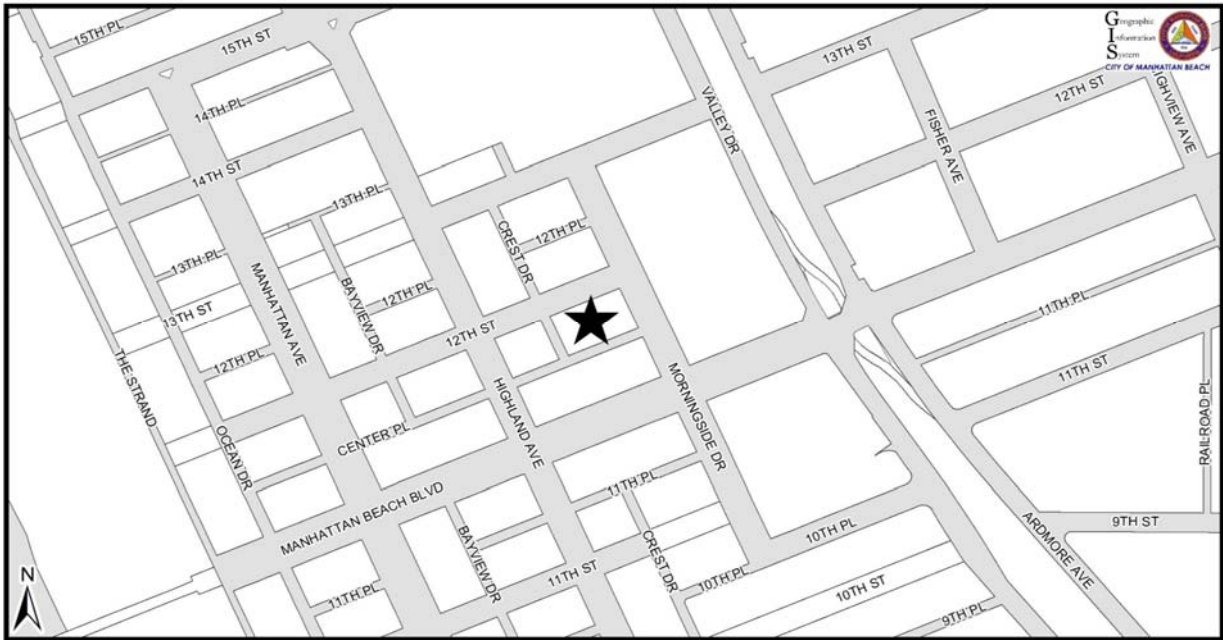
Project Title: Parking Structure Structural Analysis/Design: Lot 3

Description: The immediate need is to perform maintenance repairs to ensure the functionality of the facility and safety of the users. Long term it is important to perform in-depth analysis of parking lot 3 to determine whether the structure can be rehabilitated or require complete replacement. This analysis will also look at various options if replacement is necessary or preferred to expand parking spaces

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

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Parking Fund	\$ -	\$ 490,000	\$ -	\$ -	\$ -	\$ 300,000	\$ 790,000
	TOTAL	\$ -	\$ 490,000	\$ -	\$ -	\$ -	\$ 300,000	\$ 790,000

Location Map:



**City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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 #: ST15832e

Original Funding Year: 2014-15

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

Project Title: Way Finding Program (Phase I)

Description: Uniform sign design to be employed Citywide.

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	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	Parking Fund	\$ 308,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 308,500
	TOTAL	\$ 308,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 308,500

Location Map:

No map; signs evaluated Citywide.

**City of Manhattan Beach
Capital Improvement Plan FY2022-2026
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 Railings Project

Description: Rehabilitate and Replace affected sections of the railings along the Manhattan Beach Pier.

Justification: The harsh marine environment is causing significant corrosion to the railings and deterioration of the railing curbs.

Project Cost Information:	Funding Source(s):	Prior Year Appropriation	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	TOTAL
	State Pier Fund	\$ 103,000	\$ 1,650,000	\$ -	\$ -	\$ -	\$ -	\$ 1,753,000
	TOTAL	\$ 103,000	\$ 1,650,000	\$ -	\$ -	\$ -	\$ -	\$ 1,753,000

Location Map:

