

**CITY OF MANHATTAN BEACH
STAFF REPORT**

TO: Planning Commission

THROUGH: Anne McIntosh, Director of Community Development

FROM: Stephanie Katsouleas, Director of Public Works
Prem Kumar, City Engineer

DATE: May 22, 2019

SUBJECT: Determination of Consistency of the New Proposed Projects in FY 2019-2020 through 2023-2024 of the five-year Capital Improvement Plan with the Manhattan Beach General Plan

RECOMMENDATION:

Staff recommends that the Planning Commission review the new proposed projects in FY2019-2020 through 2023-2024 of the five-year Capital Improvement Plan, and adopt attached Resolution 19-XX, determining that the new proposed projects are consistent with the City of Manhattan Beach General Plan.

BACKGROUND:

The 5-Year Capital Improvement Plan (CIP) is the City's planning tool that guides the selection and implementation of near and mid-term capital improvement projects. It is presented to and approved by City Council as part of the annual budget adoption process. Projects listed in the 5-Year CIP are aligned with the City's General Plan elements, as well as the priorities of City Council, staff, user groups and the community at large.

Two-Year Budget/CIP Cycle

The City implemented a "staggered two-year budget cycle" starting with the Operational Budget in FY16-17 and followed by the CIP budget in FY17-18. The benefit of this two-year cycle is to balance the amount of focus and effort placed in creating a thorough document for each of these budgets, as both are quite time consuming and involve the same staff at the same time of the year. FY19-20 is the start of the next CIP budget cycle.

Outreach

Staff conducted extensive public outreach in the development of the 5-Year CIP project list, including:

- Open City Hall (Nov-Dec 2018)
- Fall Manhappenings (print and electronic)

- Facebook, Twitter and E-notification
- Nextdoor
- Emails to City Council, Commissioners and School District Representatives
- Notice of the April 9, 2019 CIP Study Session was advertised twice in the Beach Reporter

Planning Commission's Role

State of California Government Code Section 65103 (c) requires each Planning Agency to conduct an annual review of the City's CIP for consistency with the General Plan. Additionally, Government Code Section 65401 requires that a coordinated program of proposed public works projects be reviewed by the City Planning Agency for conformity with the City's General Plan.

The City Council heard two presentations on the proposed 5-year CIP, including the new projects, at a Study Session on April 9, 2019 and their comments were incorporated at their recent meeting on May 7, 2019. The document was well received with no further directions on the 5-Year CIP Budget of \$130,296,998 for the 128 listed projects. Seventeen new projects were added.

DISCUSSION:

Public Works staff is pleased to submit the CIP General Plan Consistency Resolution 19-XX (Attachment 1) for Planning Commission approval. The list of all 17 newly proposed projects for review with conformance of the General Plan, their description and General Plan Goal is provided for Planning Commission review in Attachment 2. The entire 5-Year Plan (Attachment 3) has been provided, along with Summary Sheets for each project listed in the 5-Year Plan (Attachment 4). The summary sheets include the General Plan goal(s) associated with the project, project description, justification and location map.

Public Works staff believes that the newly proposed CIP projects identified for FY2020-2024 of the five-year plan are consistent with the goals and policies of the City of Manhattan Beach General Plan. Community Development Department staff concurs with the General Plan consistency statements provided and recommends that the Commission make the necessary consistency determination.

The Planning Commission's approval of Resolution 19-XX, determining the projects are in conformity to the City's General Plan, will be included in the City Council Public Hearing staff report on June 4, 2019.

Attachments:

- 1) CIP General Plan Consistency Resolution 19-XX
- 2) General Plan Goals Review: New Projects in FY2020-2024
- 3) CIP 5-Year Plan FY2020-2024
- 4) Summary Sheets for Projects Listed in the 5-Year Plan

RESOLUTION NO. PC 19-XX

**A RESOLUTION OF THE PLANNING COMMISSION OF THE CITY OF
MANHATTAN BEACH, CALIFORNIA, DETERMINING THAT THE
PROPOSED FISCAL YEARS 2019-2020 THROUGH 2023-2024 NEW
CAPITAL IMPROVEMENT PROJECTS ARE CONSISTENT WITH THE
CITY OF MANHATTAN BEACHS GENERAL PLAN**

WHEREAS, pursuant to Sections 65103 (c) and 65401 of the State of California Government Code, the Planning Commission has reviewed the Fiscal Years 2019-2020 through 2023-2024 new Capital Improvement Plan (CIP) projects as to its consistency with the City of Manhattan Beach General Plan; and,

WHEREAS, the project is Categorically Exempt (Section 15306-Class 6) from the provisions of the California Environmental Quality Act (CEQA); and,

WHEREAS, the Planning Commission reviewed the analysis and recommendations of Public Works and Community Development staff, contained in their Staff Report dated May 22, 2019.

NOW, THEREFORE, BE IT RESOLVED that the Planning Commission of the City of Manhattan Beach has determined that the City's new Capital Improvement Plan projects for Fiscal Years 2019-2020 through 2023-2024 are consistent with the City of Manhattan Beach General Plan.

The Secretary of the Planning Commission shall certify to the adoption of this Resolution and shall make this resolution readily available for public inspection.

I hereby certify that the foregoing is a full, true and correct copy of the Resolution as **ADOPTED** by the Planning Commission at its regular meeting of **May 22, 2019**; and, that said Resolution was adopted by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Anne McIntosh
Secretary to the Planning Commission

Rosemary Lackow
Recording Secretary

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Project Sheet Pg. No.	Project Title	Remaining Allocation as of 02/28/19 ¹						TOTAL Five-Year	Project Description	General Plan Goal
			FY19/20	FY20/21	FY21/22	FY22/23	FY23/24			
27	Traffic Signal Pole: 15th and Highland	-	280,000	-	-	-	-	\$280,000	Replacement of existing traffic signal pole at 15th St. and Highland Ave.	I-1, I-2
28	Facility Improvements	\$1,880,481	\$630,000	\$600,000	\$400,000	\$650,000	\$650,000	\$4,810,481	Repair and refurbish building structures city wide based on the results of the Facilities Condition Assessment and Council direction.	LU-3, LU-3.1, CS-1
38	Senior and Scout House	550,000	450,000	-	-	-	-	\$1,000,000	Develop, design and construct a new Senior and Scout House in its current location.	LU-3, LU-3.1, CR-1
41	Historic Documents Repository	-	-	-	250,000	-	-	\$250,000	Design a repository where historic documents can be safely and properly stored and protected. Location TBD.	CR-1, CR-2
42	School District Project - TBD	-	250,000	-	-	-	-	\$250,000	The City will perform a CIP project for in partnership with the Manhattan Beach Unified School District. The exact project scope and location will be determined.	CR-3
48	Roadway Safety Bollards/Barriers (concepts only)	-	-	-	-	-	-	-	Design concepts of roadway barriers at four key intersections: 1) 13th Street @ Valley (west leg), 2) 13th Street @ Morningside (east leg), 3) Manhattan Beach Blvd. @ Manhattan Ave (west leg), 4) Manhattan Beach Blvd. @ Ocean Dr. (North and South leg).	CS-1, HE-3, I-1
49	Automatic License Plate Reader - Sepulveda Blvd (pole only)	-	150,000	-	-	-	-	\$150,000	Installation of a pole at the intersection of Rosecrans Ave. and Sepulveda Blvd. which will be used to install an Automatic License Plate Reader on the pole.	I-1, I-2, CS-3, CS-4
50	Polliwog Playground Resurfacing & Equip. Replace. (Prop A/CIP)	-	1,000,000	-	-	-	-	\$1,000,000	Resurface both playground areas and replace the lower Polliwog playground equipment at Polliwog Park.	CR-1
51	Polliwog Band Stage (Public Art Trust Fund)	-	100,000	-	-	-	-	\$100,000	Construct a permanent band stage in the amphitheater area of Polliwog Park with art elements.	CR-2
55	Annual Streetlight Replacement (Streetlight Fund)	-	35,000	35,000	35,000	35,000	35,000	\$175,000	Replace the City-owned streetlights as needed citywide.	I-1, I-2
69	Electronics Automation - SCADA, etc.	-	200,000	-	-	-	-	\$200,000	Automation of water supply equipment and replacement of communications equipment.	I-7, I-11
70	Generator Upgrades - Larsson, Well 15 and Block 35	-	-	250,000	250,000	250,000	-	\$750,000	Replace existing generators with new and more efficient models at the Larsson, Well 15 and Block 35.	I-7
73	CCTV Storm Drain System	-	150,000	-	-	-	-	\$150,000	Use CCTV to perform an assessment of the City's storm drain system.	I-9
85	City Hall Lift Station Upgrade	-	-	-	-	-	1,000,000	\$1,000,000	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.	I-8, I-11
87	Parking Structure Structural Rehab: Lot 4	480,250	250,000	-	-	-	-	\$730,250	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.	LU-3, CS-1
89	Parking Meter Upgrades	-	1,400,000	-	-	-	-	\$1,400,000	Replacement and upgrade of the current parking meters citywide.	I-3, I-4, I-11
90	Tree and Grate Installations (NMB-BID Fund)	-	200,000	-	-	-	-	\$200,000	Install new trees and grates in North Manhattan Beach in the Business Improvement District.	LU-9

Quick Reference Sheet of City of Manhattan Beach General Plan Element Goals

LAND USE ELEMENT:	
Goal LU-1	Maintain the low-profile development and small-town atmosphere of Manhattan Beach.
Goal LU-2	Encourage the provision and retention of private landscaped open space.
Goal LU-3	Achieve a strong, positive community aesthetic.
Goal LU-4	Preserve the features of each community neighborhood, and develop solutions tailored to each neighborhood's unique characteristics.
Goal LU-5	Protect residential neighborhoods from the intrusion of inappropriate and incompatible uses.
Goal LU-6	Maintain the viability of the commercial areas of Manhattan Beach.
Goal LU-7	Continue to support and encourage the viability of the Downtown area of Manhattan Beach.
Goal LU-8	Maintain Sepulveda Boulevard, Rosecrans Avenue, and the commercial areas of Manhattan Village as regional-serving commercial districts.
Goal LU-9	Preserve the low-intensity, pedestrian-oriented character of commercial areas in the North End and El Porto.
INFRASTRUCTURE ELEMENT:	
Goal I-1	Provide a balanced transportation system that allows the safe and efficient movement of people, goods and services throughout the City.
Goal I-2	Move commuter traffic through the City primarily on arterial streets, and on collector streets as appropriate, to protect other streets from the intrusion of commuter traffic.
Goal I-3	Ensure that adequate parking and loading facilities are available to support both residential and commercial needs.
Goal I-4	Protect residential neighborhoods from the adverse impacts of traffic and parking of adjacent non-residential uses.
Goal I-5	Reduce the adverse parking and traffic impacts that schools create on surrounding residential neighborhoods.
Goal I-6	Create well-marked pedestrian and bicycle networks that facilitate these modes of circulation.
Goal I-7	Maintain and protect a reliable and cost effective water supply system capable of adequately meeting normal demand and emergency demand in the City.
Goal I-8	Maintain a sewage system adequate to protect the health and safety of all Manhattan Beach residents and businesses.
Goal I-9	Maintain a storm drainage system that adequately protects the health and safety and property of Manhattan Beach residents.
Goal I-10	Underground utility lines throughout the community to the extent that it is economically and practically feasible.
Goal I-11	Establish a reliable communications system.
Goal I-12	Protect the quality of the environment by managing the solid waste generated in the community.
HOUSING ELEMENT:	
Goal HE-1	Preserve existing neighborhoods.
Goal HE-2	Provide a variety of housing opportunities for all segments of the community commensurate with the City's needs, including various economic segments and special needs groups.
Goal HE-3	Provide a safe and healthy living environment for City residents.
Goal HE-4	Encourage the conservation of energy in housing.
COMMUNITY RESOURCES ELEMENT:	
Goal CR-1	Maintain a park, recreation, and open space system that provides a variety of recreational opportunities accessible to all residents and meets the needs of all residents.
Goal CR-2	Enhance cultural arts programs in the community.
Goal CR-3	Maintain relationships with educational institutions, as they represent a cornerstone of the community's foundation.
Goal CR-4	Preserve the existing landscape resources in the City, and encourage the provision of additional landscaping.
Goal CR-5	Conserve and protect the remaining natural resources in Manhattan Beach.
Goal CR-6	Improve air quality.
COMMUNITY SAFETY ELEMENT:	
Goal CS-1	Minimize the risks to public health, safety, and welfare resulting from natural and human-caused hazards.
Goal CS-2	Protect residents from hazardous materials and the hazards associated with the transport of such materials.
Goal CS-3	Maintain a high level of City emergency response services.
Goal CS-4	Maintain a high level of police protection services.
NOISE ELEMENT:	
Goal N-1	Provide for measures to reduce noise impacts from transportation noise sources.
Goal N-2	Incorporate noise considerations into land use planning decisions.
Goal N-3	Minimize the impact of non-transportation noise sources.

SCHEDULE OF CAPITAL PROJECTS BY FUND

Project Sheet Pg. No.	Remaining Allocation as of 02/28/19 ¹	FY19/20	FY20/21	FY21/22	FY22/23	FY23/24	TOTAL Five-Year
CIP Project Funding Summary							
Streets & Highways Fund	4,955,154	800,000	990,000	1,750,000	750,000	1,750,000	10,995,154
Prop C Fund	21,402,725	400,000	800,000	-	1,200,000	-	23,802,725
Measure R Fund	1,483,905	340,000	720,000	-	800,000	-	3,343,905
Measure M Fund	335,000	480,000	640,000	600,000	-	800,000	2,855,000
CIP Fund	7,166,576	2,745,000	735,000	885,000	885,000	885,000	13,301,576
Water Fund	36,630,732	1,700,000	2,050,000	1,750,000	2,250,000	2,000,000	46,380,732
Stormwater Fund	1,476,367	710,000	1,210,000	710,000	710,000	710,000	5,526,367
Wastewater Fund	7,421,289	3,250,000	3,000,000	2,500,000	1,100,000	2,500,000	19,771,289
Refuse Fund	150,000	650,000	-	-	-	-	800,000
Parking Fund	480,250	1,850,000	-	-	150,000	800,000	3,280,250
State Pier & Lot Fund	240,000	-	-	-	-	-	240,000
	\$81,741,998	\$12,925,000	\$10,145,000	\$8,195,000	\$7,845,000	\$9,445,000	\$130,296,998

¹ "Remaining Allocation as of 02/28/19" column includes estimated carryover funding that will be expended as multi-year projects progress. Reported carryover funds reflect the amount of fund balance previously committed to projects in prior year adopted budgets. In the Five Year Forecast, Opening Fund Balances include assumptions for Committed Capital Project expenditures and, where applicable, anticipated grant revenue.

Projects in **RED** are New to the 5-Year CIP
 Projects in **BLUE** have been modified

SCHEDULE OF CAPITAL PROJECTS BY FUND

Project Sheet Pg. No.	Remaining Allocation as of 02/28/19 ¹	FY19/20	FY20/21	FY21/22	FY22/23	FY23/24	TOTAL Five-Year
Streets & Highways Fund							
Streets-Concrete Repairs							
1 Annual Curb, Gutter and Ramp Replacement	\$766,003	\$300,000	\$365,000	\$365,000	\$365,000	\$365,000	\$2,526,003
2 Strand Resurfacing Project	200,000	-	-	-	-	-	200,000
3 Village Field ADA Access: Design	100,000	-	-	-	-	-	100,000
Streets-Concrete Repairs Total	\$1,066,003	\$300,000	\$365,000	\$365,000	\$365,000	\$365,000	\$2,826,003
Streets-Pavement Projects							
4 Annual Slurry Seal Program	\$1,155,000	-	\$585,000	\$385,000	\$385,000	\$385,000	\$2,895,000
5 Annual Street Resurfacing Program	375,000	500,000	-	1,000,000	-	1,000,000	\$2,875,000
6 Street Resurfacing: Marine from Sepulveda to Aviation	598,259	-	-	-	-	-	\$598,259
7 Morningside Drive: 10th to MBB	199,368	-	-	-	-	-	\$199,368
8 Triennial Pavement Management System Update	-	-	40,000	-	-	-	\$40,000
Streets-Pavement Projects Total	\$2,327,627	\$500,000	\$625,000	\$1,385,000	\$385,000	\$1,385,000	\$6,607,627
Streets-Capacity Improvements							
9 Aviation at Artesia, SB to WB Right-Turn Lane (SBHP Grant)	\$1,349,066	-	-	-	-	-	\$1,349,066
10 Sepulveda & 8th St Intersection Improvements (HSIP Grant)	212,458	-	-	-	-	-	\$212,458
Streets-Capacity Improvements Total	\$1,561,524	-	-	-	-	-	\$1,561,524
Streets & Highways Total	\$4,955,154	\$800,000	\$990,000	\$1,750,000	\$750,000	\$1,750,000	\$10,995,154
Prop C Fund							
Streets-Pavement Projects							
11 Street Resurfacing: Marine from Sepulveda to Aviation	\$450,414	-	-	-	-	-	\$450,414
12 Annual Street Resurfacing Program	700,000	400,000	800,000	-	1,200,000	-	\$3,100,000
Streets-Pavement Projects Total	\$1,150,414	\$400,000	\$800,000	-	\$1,200,000	-	\$3,550,414
Streets-Capacity Improvements							
13 Dual LT Lanes on MBB at Sepulveda (SBHP Grant)	\$1,244,681	-	-	-	-	-	\$1,244,681
14 Sepulveda Bridge (SBHP Grant)	8,692,678	-	-	-	-	-	\$8,692,678
14 Sepulveda Bridge Widening (MTA Call Grant)	6,697,261	-	-	-	-	-	\$6,697,261
14 Sepulveda Bridge Widening Prop C Local	2,632,251	-	-	-	-	-	\$2,632,251
15-16 <i>Sepulveda Intersection Improvements - Cedar/Marine only</i>	<i>985,440</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>\$985,440</i>
Streets-Capacity Improvements Total	\$20,252,311	-	-	-	-	-	\$20,252,311
Prop C Total	\$21,402,725	\$400,000	\$800,000	-	\$1,200,000	-	\$23,802,725

SCHEDULE OF CAPITAL PROJECTS BY FUND

Project Sheet Pg. No.	Remaining Allocation as of 02/28/19 ¹	FY19/20	FY20/21	FY21/22	FY22/23	FY23/24	TOTAL Five-Year
Measure R							
Streets-Pavement Projects							
17	Street Resurfacing: Liberty Village	\$748,905	-	-	-	-	\$748,905
18	Annual Street Resurfacing Program	-	-	\$400,000	\$800,000	-	\$1,200,000
	Streets-Pavement Projects Total	\$748,905	-	\$400,000	-	\$800,000	\$1,948,905
Streets-Capacity Improvements							
19	Protected LT Lanes: MBB at Peck Ave	\$285,000	-	-	-	-	\$285,000
	Streets-Capacity Improvements Total	\$285,000	-	-	-	-	\$285,000
Streets-Pedestrian Improvements							
20	Ocean Drive Walkstreet Crossings	\$450,000	-	-	-	-	\$450,000
21	Rosecrans Bike Lane Improvements (relocated from CIP Fund)	-	\$240,000	-	-	-	\$240,000
22	Aviation (West-side) and 33rd Sidewalk	-	100,000	320,000	-	-	\$420,000
	Streets-Pedestrian Improvements Total	\$450,000	\$340,000	\$320,000	-	-	\$1,110,000
	Measure R Total	\$1,483,905	\$340,000	\$720,000	-	\$800,000	\$3,343,905
Measure M							
23	ADA Transition Plan within Public Rights of Way	\$60,000	-	-	-	-	\$60,000
24	Street Resurfacing: Liberty Village	275,000	-	-	-	-	\$275,000
25	Rowell Avenue Sidewalk Connection (Curtis & 1st St.)	-	200,000	640,000	-	-	\$840,000
26	Annual Street Resurfacing Program	-	-	-	600,000	800,000	\$1,400,000
27	Traffic Signal Pole: 15th and Highland	-	280,000	-	-	-	\$280,000
	Streets-Pedestrian Improvements Total	\$335,000	\$480,000	\$640,000	\$600,000	\$800,000	\$2,855,000
	Measure M Total	\$335,000	\$480,000	\$640,000	\$600,000	\$800,000	\$2,855,000

SCHEDULE OF CAPITAL PROJECTS BY FUND

Project Sheet Pg. No.	Remaining Allocation as of 02/28/19 ¹	FY19/20	FY20/21	FY21/22	FY22/23	FY23/24	TOTAL Five-Year
CIP Fund							
Facilities Projects							
28	Facility Improvements	\$1,880,481	\$630,000	\$600,000	\$400,000	\$650,000	\$4,810,481
29	Streetlight LED Retrofit	381,189	-	-	-	-	\$381,189
30	City Hall 1st & 2nd Floor Restroom Remodel	476,550	-	-	-	-	\$476,550
31	Mariposa Fitness Station	217,500	-	-	-	-	\$217,500
32	Village Field Light Fixtures Replacement	39,597	-	-	-	-	\$39,597
33-34	Ceramics Studio Upgrades	267,000	-	-	-	-	\$267,000
35	City Hall Remodel	42,000	-	-	-	-	\$42,000
36	Engineering Division Space Planning	336,023	-	-	-	-	\$336,023
37	Fire Station 2 Design Development	777,441	-	-	-	-	\$777,441
38	Senior and Scout House	550,000	450,000	-	-	-	\$1,000,000
39	Replacement/Upgrade Fire Station 1 Diesel Exhaust Removal Sys.	-	30,000	-	-	-	\$30,000
40	Begg Field Improvements (Lighting, Fencing, etc.)	500,000	-	-	-	-	\$500,000
41	Historic Documents Repository	-	-	250,000	-	-	\$250,000
42	School District Project - TBD	-	250,000	-	-	-	\$250,000
	Facilities Projects Total	\$5,467,781	\$1,360,000	\$600,000	\$650,000	\$650,000	\$9,377,781
Right-of-Way Projects							
43	Downtown Streetscape Improvements: Traffic Signal Pole Replacem	\$993,050	-	-	-	-	\$993,050
44	Traffic Signal Battery Back-Up Installation	110,000	-	-	-	-	\$110,000
45	Traffic Signal Preemption Devices	158,282	-	-	-	-	\$158,282
46	Annual Non-Motorized Transport. Program (Bike Ins, Crswlks, etc.)	7,715	100,000	100,000	100,000	100,000	\$507,715
47	Veterans Parkway Pedestrian Access Master Plan	79,748	-	-	-	-	\$79,748
48	Roadway Safety Bollards/Barriers (concepts only)	-	-	-	-	-	-
49	Automatic License Plate Reader - Sepulveda Blvd (pole only)	-	150,000	-	-	-	\$150,000
	Right-of-Way Projects Subtotal	1,348,795	250,000	100,000	100,000	100,000	1,998,795
Grants and Special Funds Projects							
50	Polliwog Playground Resurfacing & Equip. Replace. (Prop A/CIP)	-	1,000,000	-	-	-	\$1,000,000
51	Polliwog Band Stage (Public Art Trust Fund)	-	100,000	-	-	-	\$100,000
52	Village Field Access Ramp Construction (CDBG Funds)	300,000	-	-	-	-	\$300,000
53	Annual ADA Improvements Program (CDBG Funds)	-	-	-	100,000	100,000	\$300,000
54	Sepulveda/Oak Neighborhood Intrusion Study (Man. Village Mall)	50,000	-	-	-	-	\$50,000
55	Annual Streetlight Replacement (Streetlight Fund)	-	35,000	35,000	35,000	35,000	\$175,000
	Grants and Special Funds Projects Total	\$350,000	\$1,135,000	\$35,000	\$135,000	\$135,000	\$1,925,000
	CIP Fund Total	\$7,166,576	\$2,745,000	\$735,000	\$885,000	\$885,000	\$13,301,576

SCHEDULE OF CAPITAL PROJECTS BY FUND

Project Sheet Pg. No.	Remaining Allocation as of 02/28/19 ¹						TOTAL Five-Year	
		FY19/20	FY20/21	FY21/22	FY22/23	FY23/24		
Water Fund								
Water Projects								
56	Annual Pipe Replacement Program	\$3,100,000	\$1,500,000	\$1,500,000	\$1,500,000	\$2,000,000	\$2,000,000	\$11,600,000
57	Water Meter Upgrade and Automation	5,340,000	-	-	-	-	-	\$5,340,000
58	Block 35 Ground Level Reservoir Replacement (Design Only)	1,200,000	-	-	-	-	-	\$1,200,000
59	Chloramination System at Wells 11 & 15	302,879	-	-	-	-	-	\$302,879
60	Larsson Street Booster Station Improvement	745,500	-	-	-	-	-	\$745,500
61	Paint Block 35 Elevated Tank	841,594	-	-	-	-	-	\$841,594
62	Peck Ground Level Reservoir Replacement	23,110,364	-	-	-	-	-	\$23,110,364
63	Redrill & Equip Well 15	650,000	-	-	-	-	-	\$650,000
64	Utility Radio Telemetry	215,395	-	-	-	-	-	\$215,395
65	Well 11A Variable Frequency Drive Installation	125,000	-	-	-	-	-	\$125,000
66	Well 15 Electrical Panel Replacement and VFD Installation	300,000	-	-	-	-	-	\$300,000
67	Well Collection Line from Well 11A to Block 35 (Design Only)	700,000	-	-	-	-	-	\$700,000
68	Water Masterplan Update	-	-	300,000	-	-	-	\$300,000
69	Electronics Automation - SCADA, etc.	-	200,000	-	-	-	-	\$200,000
70	Generator Upgrades - Larsson, Well 15 and Block 35	-	-	250,000	250,000	250,000	-	\$750,000
Water Projects Total		\$36,630,732	\$1,700,000	\$2,050,000	\$1,750,000	\$2,250,000	\$2,000,000	\$46,380,732
Water Total		\$36,630,732	\$1,700,000	\$2,050,000	\$1,750,000	\$2,250,000	\$2,000,000	\$46,380,732
Stormwater Fund								
Stormwater Projects								
71	Storm Drain Debris Collection Devices	\$670,159	\$60,000	-	\$210,000	\$210,000	\$210,000	\$1,360,159
72	Storm Drain Repairs	556,208	500,000	-	500,000	500,000	500,000	\$2,556,208
73	CCTV Storm Drain System	-	150,000	-	-	-	-	\$150,000
74	Stormwater Masterplan Update	250,000	-	-	-	-	-	\$250,000
75	Joint Watershed Project: Hermosa Greenbelt	-	-	500,000	-	-	-	\$500,000
76	Manhattan Vill. Trash Capture Device (reallocated from Refuse)	-	-	710,000	-	-	-	\$710,000
Stormwater Projects Total		\$1,476,367	\$710,000	\$1,210,000	\$710,000	\$710,000	\$710,000	\$5,526,367
Stormwater Total		\$1,476,367	\$710,000	\$1,210,000	\$710,000	\$710,000	\$710,000	\$5,526,367

SCHEDULE OF CAPITAL PROJECTS BY FUND

Project Sheet Pg. No.	Remaining Allocation as of 02/28/19 ¹	FY19/20	FY20/21	FY21/22	FY22/23	FY23/24	TOTAL Five-Year
Wastewater Fund							
Wastewater Projects							
77	Annual Rehabilitation of Gravity Sewer Mains	\$1,648,200	\$1,100,000	\$1,100,000	\$1,100,000	\$1,100,000	\$7,548,200
78	Poinsettia Sewage Lift Station and Force Main Replacement	3,297,480	-	-	-	-	\$3,297,480
79	Pacific Lift Station Upgrade	2,400,000	-	-	-	-	\$2,400,000
80	Utility Radio Telemetry	75,609	-	-	-	-	\$75,609
81	Voorhees Lift Station Upgrade	-	2,150,000	-	-	-	\$2,150,000
82	Meadows Lift Station Upgrade	-	-	1,600,000	-	-	\$1,600,000
81	Wastewater Master Plan Update	-	-	300,000	-	-	\$300,000
84	Palm Lift Station Upgrade	-	-	-	1,400,000	-	\$1,400,000
85	City Hall Lift Station Upgrade	-	-	-	-	1,000,000	\$1,000,000
Wastewater Projects Total		\$7,421,289	\$3,250,000	\$3,000,000	\$2,500,000	\$1,100,000	\$19,771,289
Wastewater Total		\$7,421,289	\$3,250,000	\$3,000,000	\$2,500,000	\$1,100,000	\$19,771,289
Refuse Fund							
Facilities Projects							
86	City-owned Refuse Enclosure Improvements	150,000	650,000	-	-	-	800,000
Facilities Projects Total		\$150,000	\$650,000	-	-	-	\$800,000
Refuse Total		\$150,000	\$650,000	-	-	-	\$800,000
Parking Fund							
Parking Projects							
87	Parking Structure Structural Rehab: Lot 4	480,250	250,000	-	-	-	\$730,250
88	Parking Structure Structural Analysis/Design: Lot 3	-	-	-	-	150,000	\$950,000
89	Parking Meter Upgrades	-	1,400,000	-	-	-	\$1,400,000
90	Tree and Grate Installations (NMB-BID Fund)	-	200,000	-	-	-	\$200,000
Parking Projects Total		\$480,250	\$1,850,000	-	\$150,000	\$800,000	\$3,280,250
Parking Total		\$480,250	\$1,850,000	-	\$150,000	\$800,000	\$3,280,250
State Pier & Lot Fund							
Facilities Projects							
Facilities Projects Total		-	-	-	-	-	-
Parking Projects							
91	Pier Lot Safety Lighting	\$40,000	-	-	-	-	\$40,000
92	Pier Railings - Design	200,000	-	-	-	-	\$200,000
Parking Projects Total		\$240,000	-	-	-	-	\$240,000
State Pier & Lot Fund Total		\$240,000	-	-	-	-	\$240,000

Category:

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

Funding Source: Street & Highways

Carryover Project #: 16108E

Original Funding Year: 2015-16

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

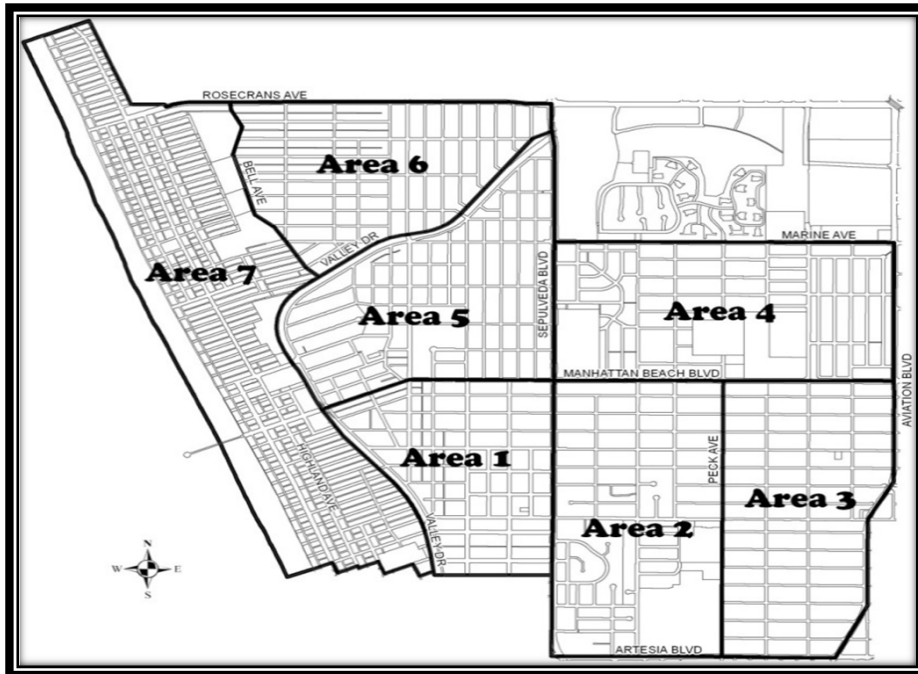
Project Title: Annual Curb, Gutter and Ramp Replacement Project

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Streets & Highway	\$ 766,003	\$ 300,000	\$ 365,000	\$ 365,000	\$ 365,000	\$ 365,000	\$ 2,526,003
	TOTAL	\$ 766,003	\$ 300,000	\$ 365,000	\$ 365,000	\$ 365,000	\$ 365,000	\$ 2,526,003

Location Map:



Category:

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

Funding Source: Street & Highways

Carryover Project #: 19103e

Original Funding Year: 2018-19

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

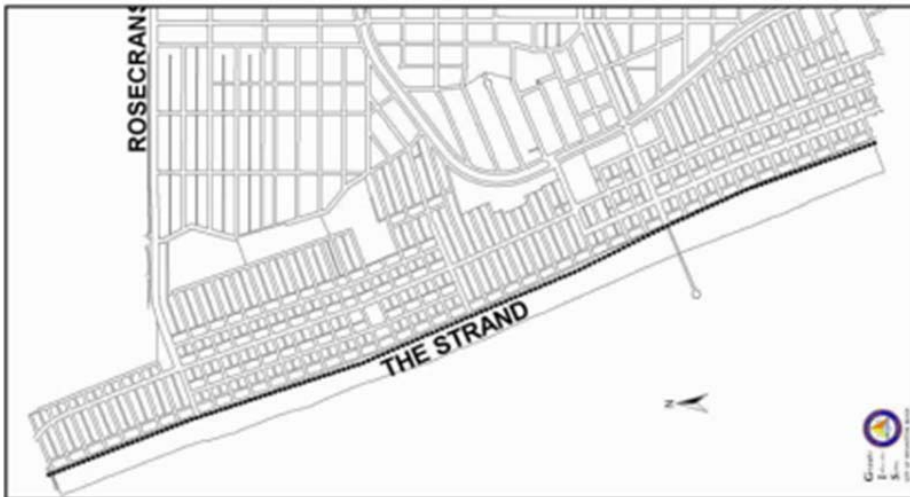
Project Title: The Strand Resurfacing Project

Description: Resurfacing of The Strand concrete surface.

Justification: The existing concrete walking surface has become noticeably much smoother over time resulting in slick conditions under certain circumstances. Multiple resident have complained of slick conditions. The project will to increase surface traction for pedestrians via various construction methods i.e. sandblasting etc.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Streets & Highway	\$ 200,000			\$ -	\$ -	\$ -	\$ 200,000
	TOTAL	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000

Location Map:



Category:

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

Funding Source: Street & Highways

Carryover Project #: 19104E

Original Funding Year: 2018-19

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

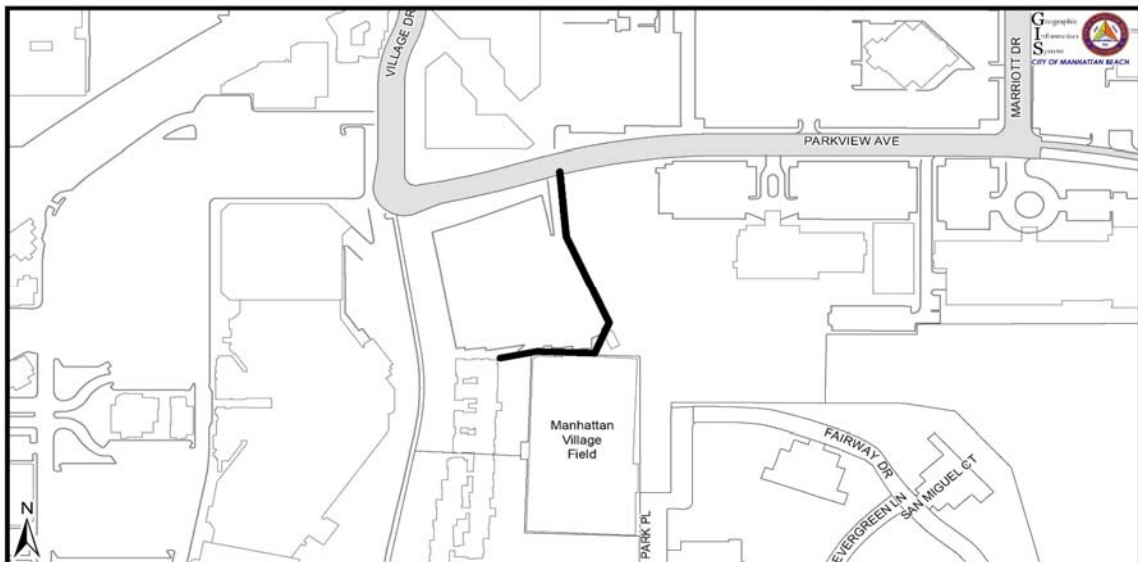
Project Title: Village Field ADA Access: Design

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Streets & Highway	\$ 100,000			\$ -	\$ -	\$ -	\$ 100,000
	TOTAL	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000

Location Map:



Category:

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

Funding Source: Street & Highways

Carryover Project #: 16102E

Original Funding Year: 2015-16

General Plan Element Goals: I-1

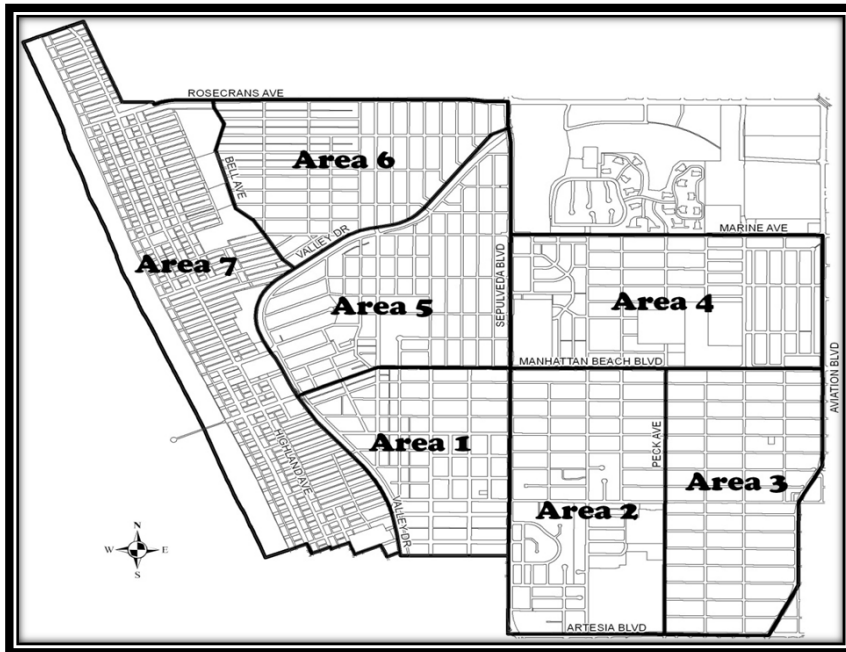
Project Title: Annual Slurry Seal Program

Description: Annual 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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Gas Tax	\$ 1,155,000	\$ -	\$ 585,000	\$ 385,000	\$ 385,000	\$ 385,000	\$ 2,895,000
	TOTAL	\$ 1,155,000	\$ -	\$ 585,000	\$ 385,000	\$ 385,000	\$ 385,000	\$ 2,895,000

Location Map:



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 St/Hwy, Prop C, Msr R & M

Carryover Project #: 19102E

Original Funding Year: 2018-19

General Plan Element Goals: I-1

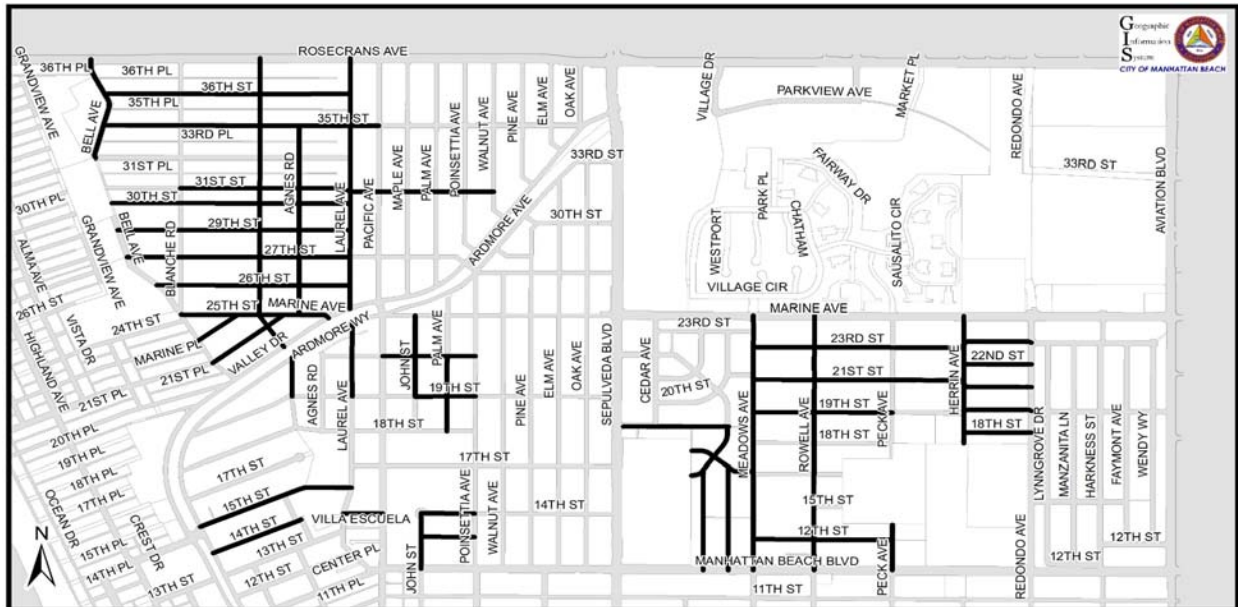
Project Title: Annual Street Resurfacing Program

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: Although this title may be new to the CIP, the work is not. Rather than assign individual project numbers to each resurfacing location, this project number will represent all future resurfacing projects.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
Streets & Hwy Fund		\$ 375,000	\$ 500,000		\$ 1,000,000		\$ 1,000,000	\$ 2,875,000
Prop C		\$ 700,000	\$ 400,000	\$ 800,000		\$ 1,200,000		\$ 3,100,000
Measure R				\$ 400,000		\$ 800,000		\$ 1,200,000
Measure M					\$ 600,000		\$ 800,000	\$ 1,400,000
TOTAL		\$ 1,075,000	\$ 900,000	\$ 1,200,000	\$ 1,600,000	\$ 2,000,000	\$ 1,800,000	\$ 8,575,000

Location Map:



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 St & Hwy and Prop C

Carryover Project #: 16101E

Original Funding Year: 2015-16

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

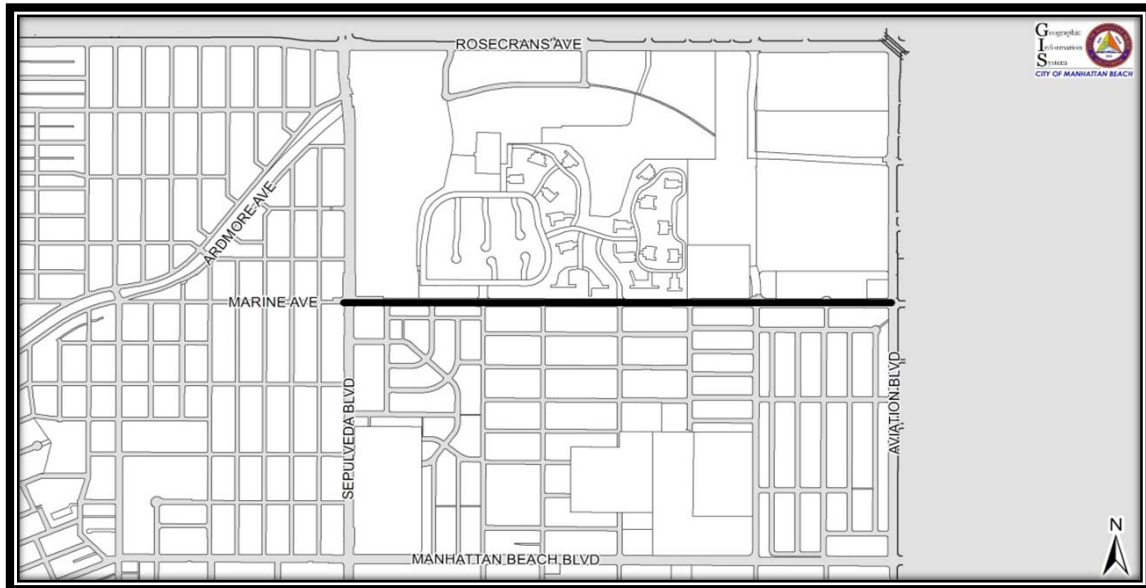
Project Title: Street Resurfacing Project: Marine Avenue (Sepulveda Boulevard to Aviation Boulevard)

Description: The project will mill and overlay the pavement surface, replace displaced curbs, gutters and sidewalk to extend the pavement useful life on Marine Avenue from Sepulveda Boulevard to Aviation Boulevard.

Justification: The existing pavement on Marine Avenue within the project limits is deteriorated and rehabilitation is required.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
Streets & Highway		\$ 598,259	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 598,259
Prop C		\$ 450,414						\$ 450,414
TOTAL		\$ 1,048,673	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,048,673

Location Map:



Category:

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

Funding Source: Street & Highways

Carryover Project #: 15822E

Original Funding Year: 2014-15

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

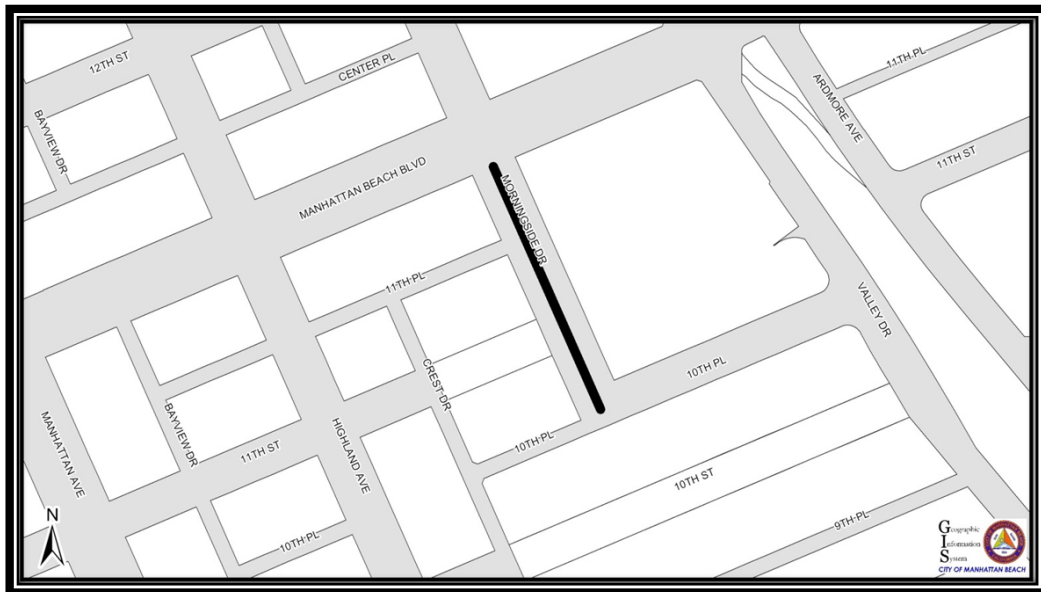
Project Title: Morningside Drive Rehabilitation

Description: The project will rehabilitate the pavement surface and replace displaced curbs, gutters and ramps on Morningside Drive from 10th Place to Manhattan Beach Blvd.

Justification: The existing pavement on Morningside Drive within the project limits is deteriorated and rehabilitation is required.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Streets & Hwy Fund	\$ 199,368	\$ -		\$ -	\$ -	\$ -	\$ 199,368
	TOTAL	\$ 199,368	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 199,368

Location Map:



Category:

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

Funding Source: Street & Highways
Carryover Project #: 17101E
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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Streets & Hwy Fund		\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000
	TOTAL	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000

Location Map:

No map, system update

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 & Hwy and SBHP
Carryover Project #: 16104E
Original Funding Year: 2015-16
General Plan Element Goals: I-1

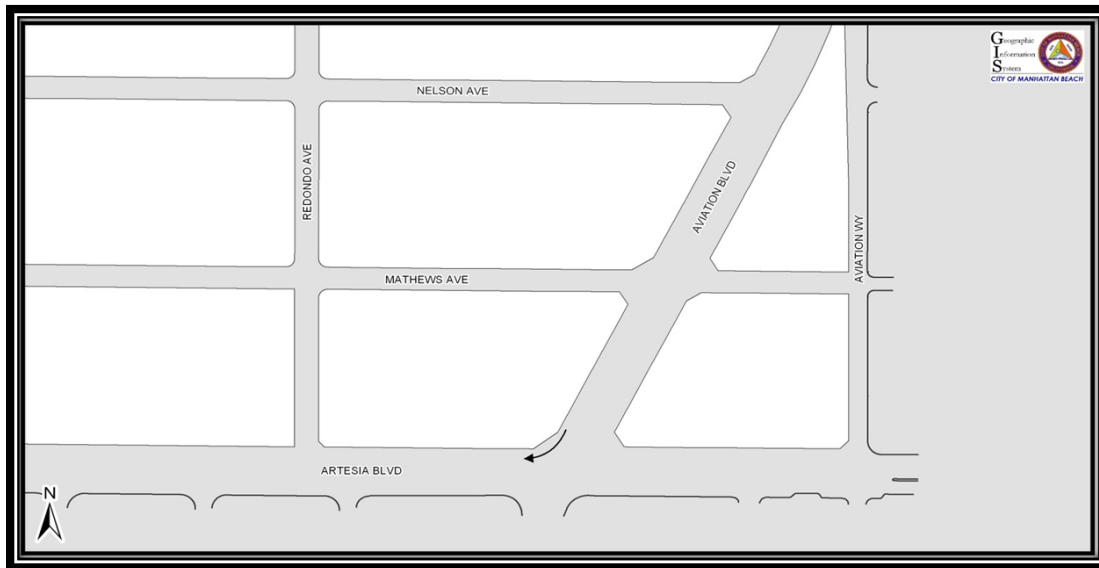
Project Title: Aviation Boulevard at Artesia Boulevard Southbound to Westbound Right-Turn Lane (SBHP Grant)

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Streets & Hwy Fund (and SBHP Grant)	\$ 1,349,066	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,349,066
	TOTAL	\$ 1,349,066	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,349,066

Location Map:



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 & Hwy Fund and HSIP
Carryover Project #: 14821E
Original Funding Year: 2013-14
General Plan Element Goals: I-1, I-2

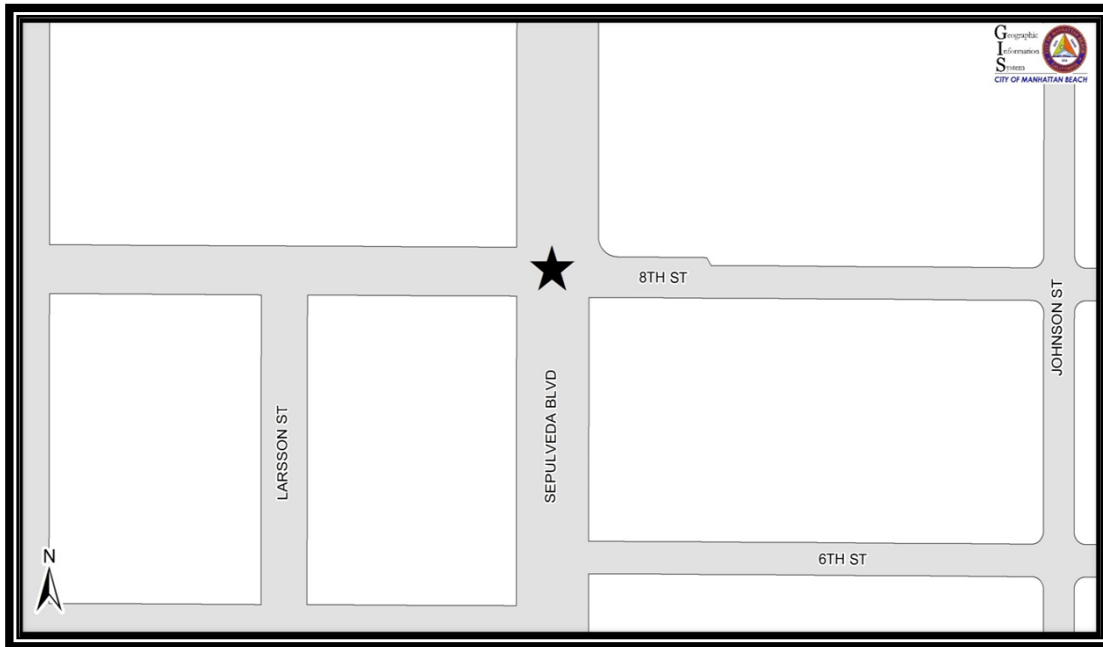
Project Title: Sepulveda Boulevard & 8th Street Intersection Improvements, Northbound and Southbound from Sepulveda to 8th (Highway Safety Improvement Program – HSIP)

Description: Upgrade traffic signals, install protected left-turn phasing and construct curb ramps to comply with current ADA standards.

Justification: This project aims to improve driver decisions about rights of way and turning based on a spot location safety analysis and a road safety assessment. This project is further justified in light of ongoing accident history at this location with respect to turning vehicles. Total project cost is \$248,800 which includes \$223,800 in Federal Funds and a 10% Local match contribution of \$25,000.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Streets & Hwy Fund (HSIP Grant)	\$ 212,458	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 212,458
	TOTAL	\$ 212,458	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 212,458

Location Map:



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 St & Hwy and Prop C

Carryover Project #: 16101E

Original Funding Year: 2015-16

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

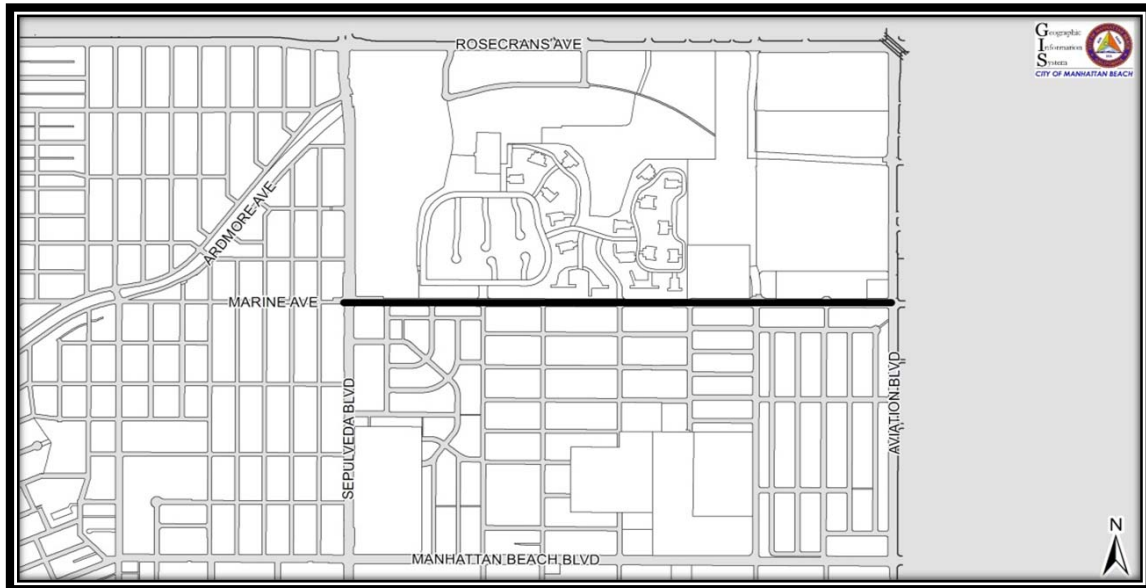
Project Title: Street Resurfacing Project: Marine Avenue (Sepulveda Boulevard to Aviation Boulevard)

Description: The project will mill and overlay the pavement surface, replace displaced curbs, gutters and sidewalk to extend the pavement useful life on Marine Avenue from Sepulveda Boulevard to Aviation Boulevard.

Justification: The existing pavement on Marine Avenue within the project limits is deteriorated and rehabilitation is required.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
Streets & Highway		\$ 598,259	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 598,259
Prop C		\$ 450,414						\$ 450,414
TOTAL		\$ 1,048,673	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,048,673

Location Map:



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 St/Hwy, Prop C, Msr R & M

Carryover Project #: 19102E

Original Funding Year: 2018-19

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

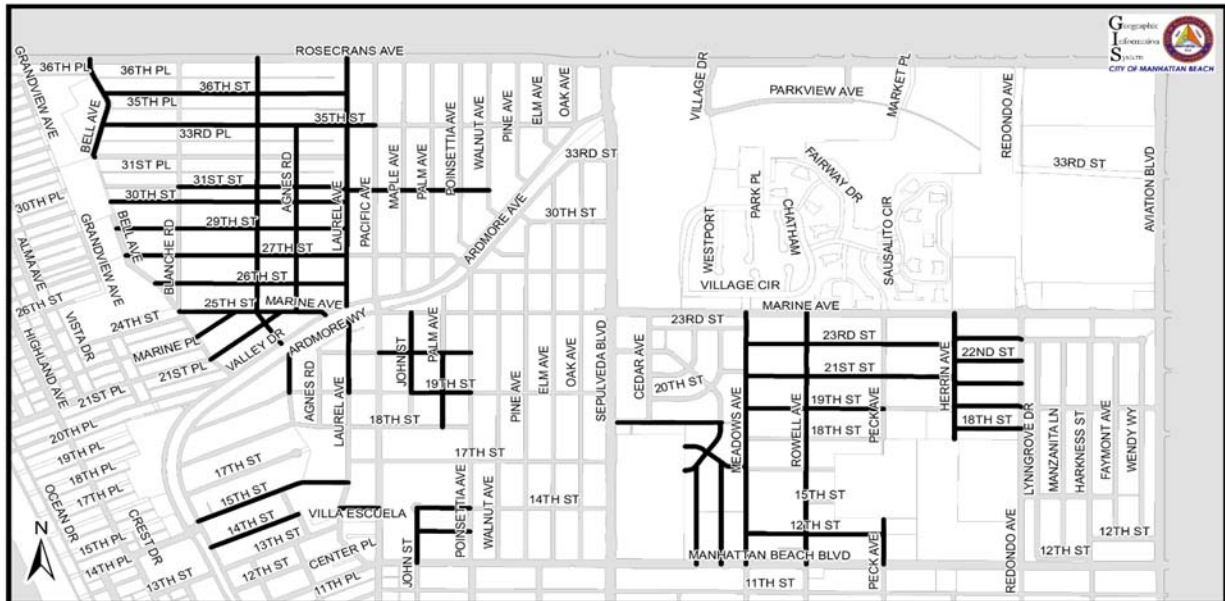
Project Title: Annual Street Resurfacing Program

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: Although this title may be new to the CIP, the work is not. Rather than assign individual project numbers to each resurfacing location, this project number will represent all future resurfacing projects.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
Streets & Hwy Fund		\$ 375,000	\$ 500,000		\$ 1,000,000		\$ 1,000,000	\$ 2,875,000
Prop C		\$ 700,000	\$ 400,000	\$ 800,000		\$ 1,200,000		\$ 3,100,000
Measure R				\$ 400,000		\$ 800,000		\$ 1,200,000
Measure M					\$ 600,000		\$ 800,000	\$ 1,400,000
TOTAL		\$ 1,075,000	\$ 900,000	\$ 1,200,000	\$ 1,600,000	\$ 2,000,000	\$ 1,800,000	\$ 8,575,000

Location Map:



Category:

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

Funding Source: Proposition C Local Return SBHP Grant

Carryover Project #: 09823E

Original Funding Year: 2008-09

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

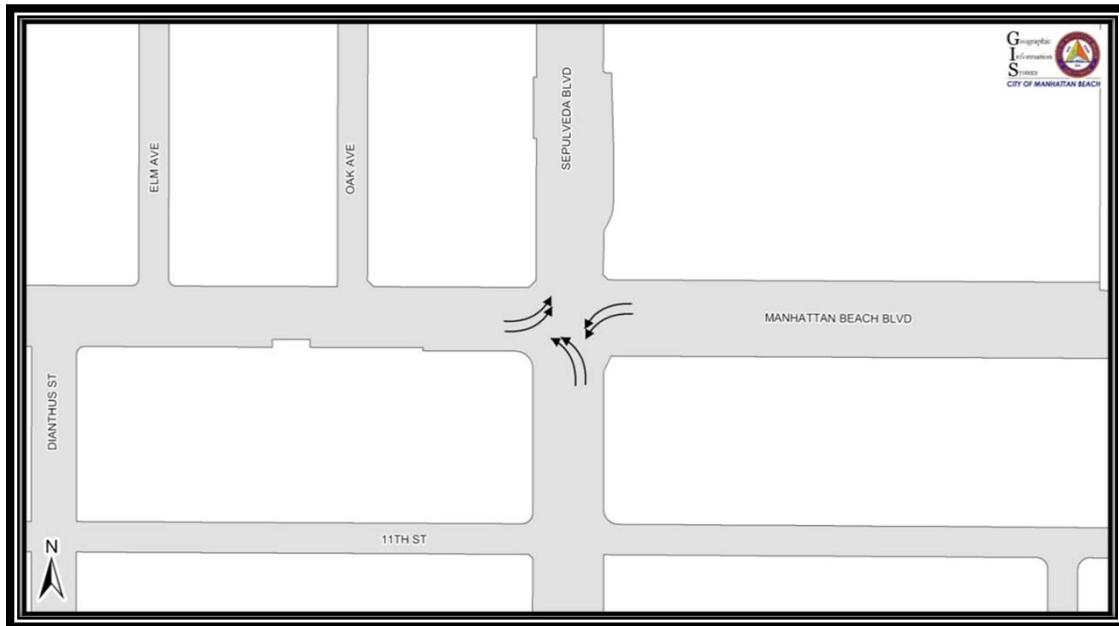
Project Title: Dual Left-Turn Lanes on Manhattan Beach Boulevard at Sepulveda Boulevard, EB to NB, NB to WB, WB to SB (SBHP Grant)

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Proposition C (SBHP Grant)	\$ 1,244,681	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,244,681
	TOTAL	\$ 1,244,681	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,244,681

Location Map:



Category:

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

Funding Source: Proposition C Lr Prop C, MTA Call, SBHP

Carryover Project #: 10827E (Prop C Local)

13840E (MTA Call) & 13841E (Msr R SBHP)

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

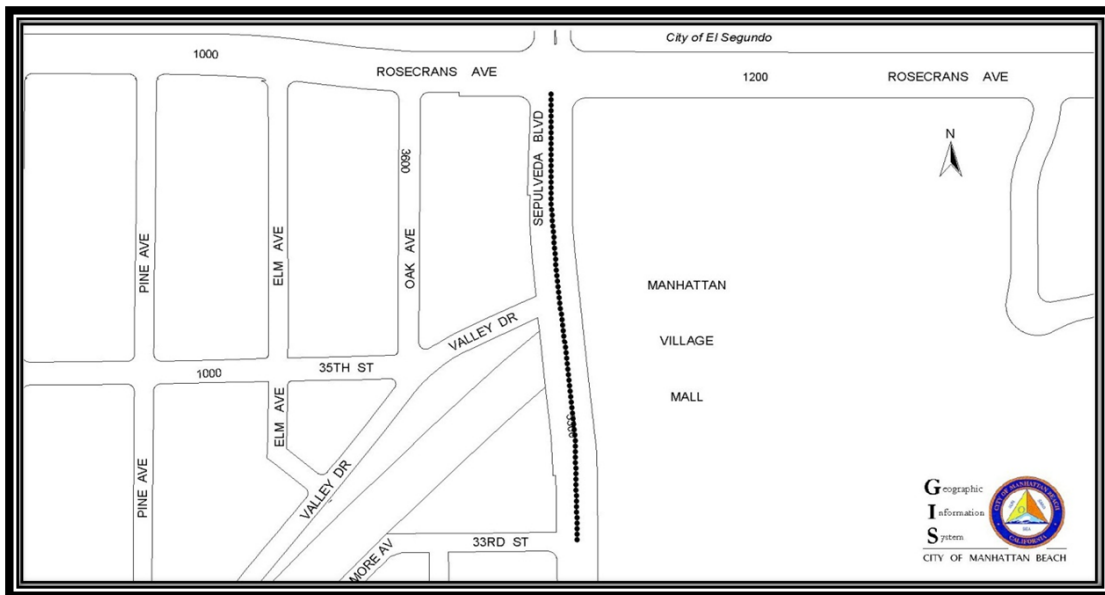
Project Title: Sepulveda Bridge Widening Project

Description: Add one northbound through lane by widening Sepulveda Bridge on the east side.

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
		Remaining funds as of 02-28-19						
	Proposition C (SBHP Grant)	\$ 8,692,678	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,692,678
	Proposition C (MTA Call Grant)	\$ 6,697,261	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,697,261
	Proposition C (Prop C Local)	\$ 2,632,251	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,632,251
	TOTAL	\$ 18,022,190	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,022,190

Location Map:



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 SBHP

Carryover Project #: 17102E

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.

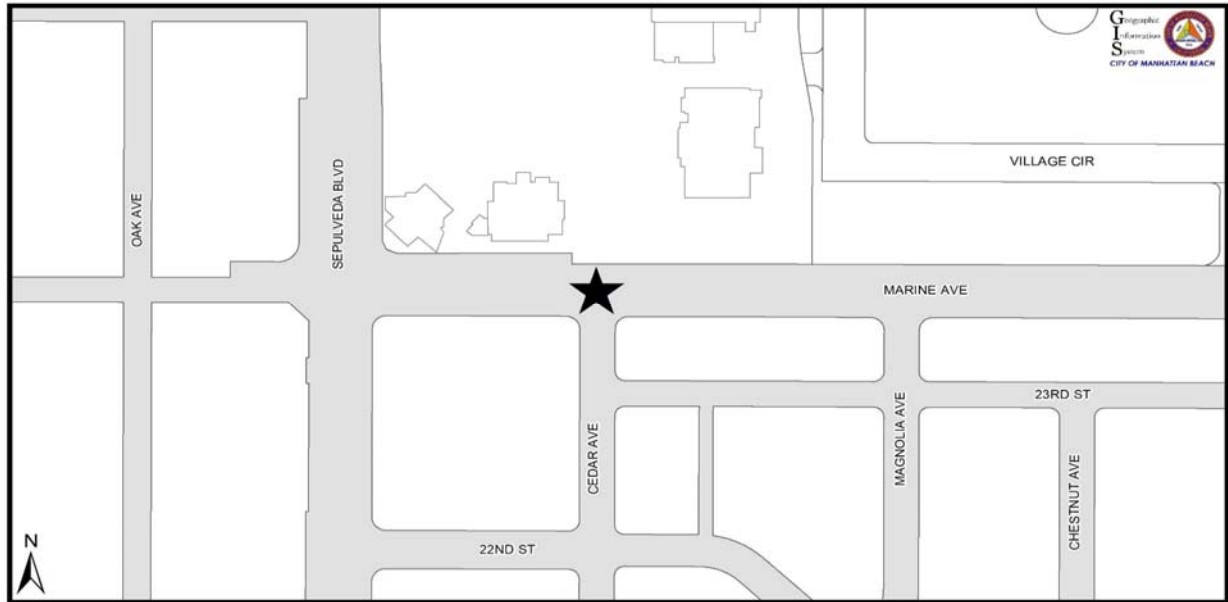
Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Proposition C (SBHP Grant)	\$ 985,440	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 985,440
	TOTAL	\$ 985,440	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 985,440

Location Map:

Map located on next page

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

**Location
Map:**



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 and Msr M
Carryover Project #: 15825E
Original Funding Year: 2014-15
General Plan Element Goals: I-1, I-6

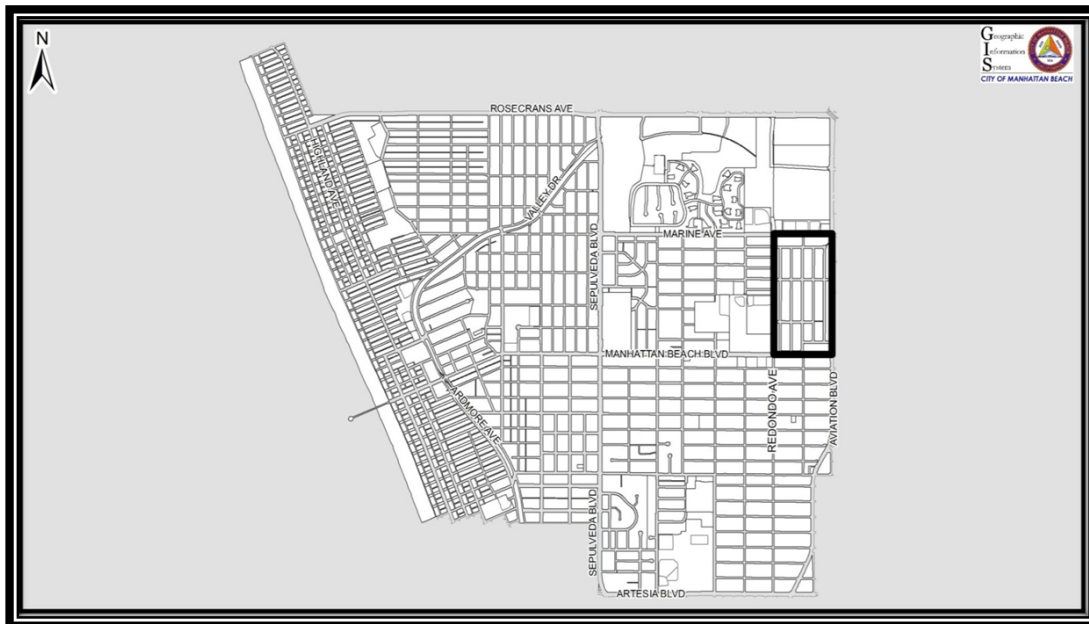
Project Title: Street Resurfacing Project: Liberty Village

Description: Cold mill of 2 1/2" of existing asphalt and a new asphalt overlay; full depth removal and replacement of miscellaneous failed areas; replacement of all displaced curb and gutter; replacement of striping and pavement markings.

Justification: The recent Pavement Management study has identified streets in the Liberty Village area as "Poor." The streets in this area were originally constructed in the 1950's and show signs of severe "alligator cracking." City Staff often perform street maintenance repairs in this area.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
Measure R Local Return		\$ 748,905	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 748,905
Measure M Local Return		\$ 275,000						\$ 275,000
TOTAL		\$ 1,023,905	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,023,905

Location Map:



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 St/Hwy, Prop C, Msr R & M

Carryover Project #: 19102E

Original Funding Year: 2018-19

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

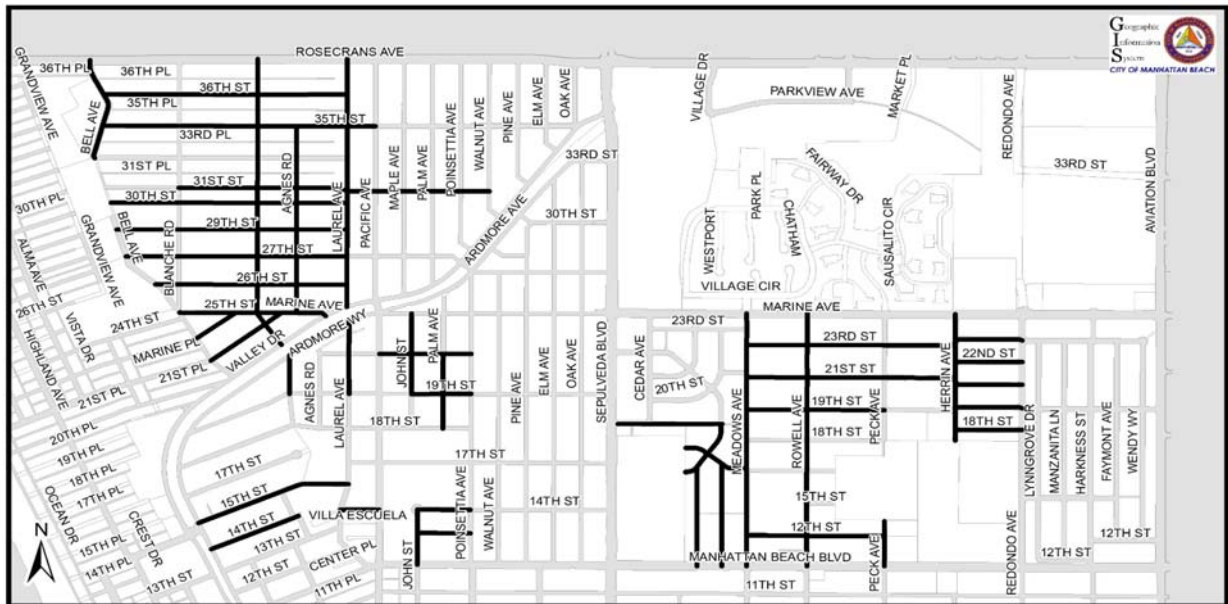
Project Title: Annual Street Resurfacing Program

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: Although this title may be new to the CIP, the work is not. Rather than assign individual project numbers to each resurfacing location, this project number will represent all future resurfacing projects,

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
Streets & Hwy Fund		\$ 375,000	\$ 500,000		\$ 1,000,000		\$ 1,000,000	\$ 2,875,000
Prop C		\$ 700,000	\$ 400,000	\$ 800,000		\$ 1,200,000		\$ 3,100,000
Measure R				\$ 400,000		\$ 800,000		\$ 1,200,000
Measure M					\$ 600,000		\$ 800,000	\$ 1,400,000
TOTAL		\$ 1,075,000	\$ 900,000	\$ 1,200,000	\$ 1,600,000	\$ 2,000,000	\$ 1,800,000	\$ 8,575,000

Location Map:



Category:

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

Funding Source: Measure R Local Return

Carryover Project #: 17104E

Original Funding Year: 2016-17

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

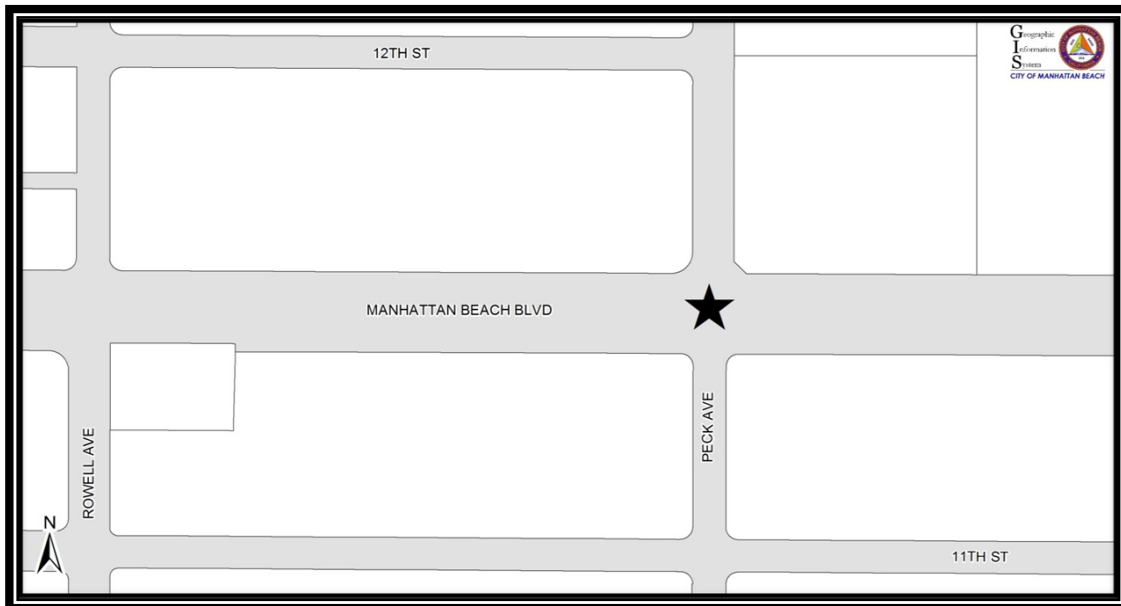
Project Title: Protected Left-Turns: Manhattan Beach Blvd. at Peck Ave.

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Measure R	\$ 285,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 285,000
	Local Return							
	TOTAL	\$ 285,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 285,000

Location Map:



Category:

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

Funding Source: Measure R Local Return

Carryover Project #: 19106E

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Measure R	\$ 450,000	\$ -		\$ -	\$ -	\$ -	\$ 450,000
	Local Return							
	TOTAL	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 450,000

Location Map:



Category:

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

Funding Source: Measure R Local Return
Carryover Project #: 13829E
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 would provide 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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Measure R Local Return		\$ 240,000	\$ -	\$ -	\$ -	\$ -	\$ 240,000
	TOTAL	\$ -	\$ 240,000	\$ -	\$ -	\$ -	\$ -	\$ 240,000

Location Map:

No map

Category:

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

Funding Source: Measure R Local Return

Carryover Project #: N/A

Original Funding Year: N/A

General Plan Element Goals: I-6

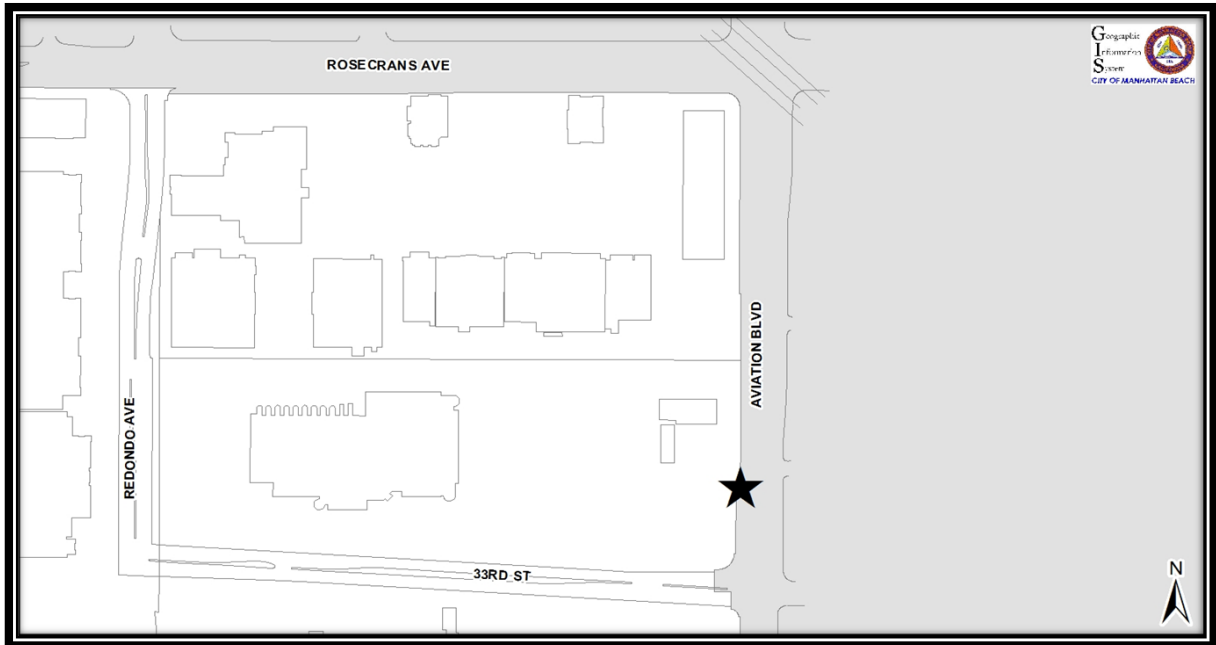
Project Title: Aviation (West-side) and 33rd Street Sidewalk

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Measure R	\$ -	\$ 100,000	\$ 320,000		\$ -	\$ -	\$ 420,000
	Local Return							
	TOTAL	\$ -	\$ 100,000	\$ 320,000	\$ -	\$ -	\$ -	\$ 420,000

Location Map:



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 #: 18101E

Original Funding Year: 2017-18

General Plan Element Goals: I-1, 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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Measure M	\$ 60,000		\$ -	\$ -	\$ -	\$ -	\$ 60,000
	Local Return							
	TOTAL	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,000

Location Map:

No map; locations to be determined in Plan

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 and Msr M
Carryover Project #: 15825E
Original Funding Year: 2014-15
General Plan Element Goals: I-1, I-6

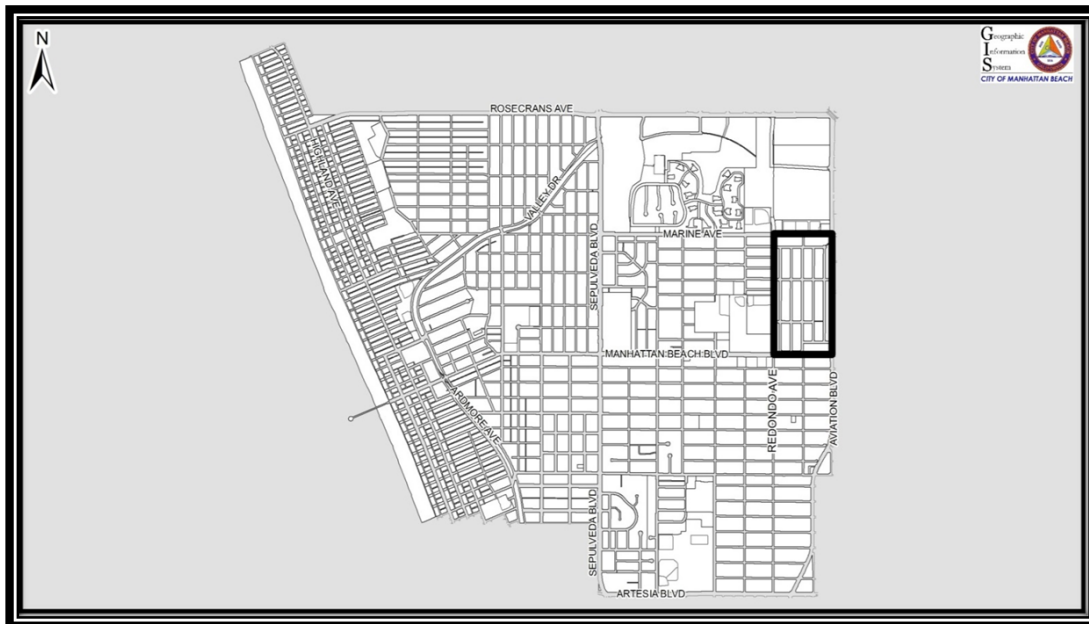
Project Title: Street Resurfacing Project: Liberty Village

Description: Cold mill of 2 1/2" of existing asphalt and a new asphalt overlay; full depth removal and replacement of miscellaneous failed areas; replacement of all displaced curb and gutter; replacement of striping and pavement markings.

Justification: The recent Pavement Management study has identified streets in the Liberty Village area as "Poor." The streets in this area were originally constructed in the 1950's and show signs of severe "alligator cracking." City Staff often perform street maintenance repairs in this area.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
Measure R Local Return		\$ 748,905	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 748,905
Measure M Local Return		\$ 275,000						\$ 275,000
TOTAL		\$ 1,023,905	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,023,905

Location Map:



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 #: N/A

Original Funding Year: N/A

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

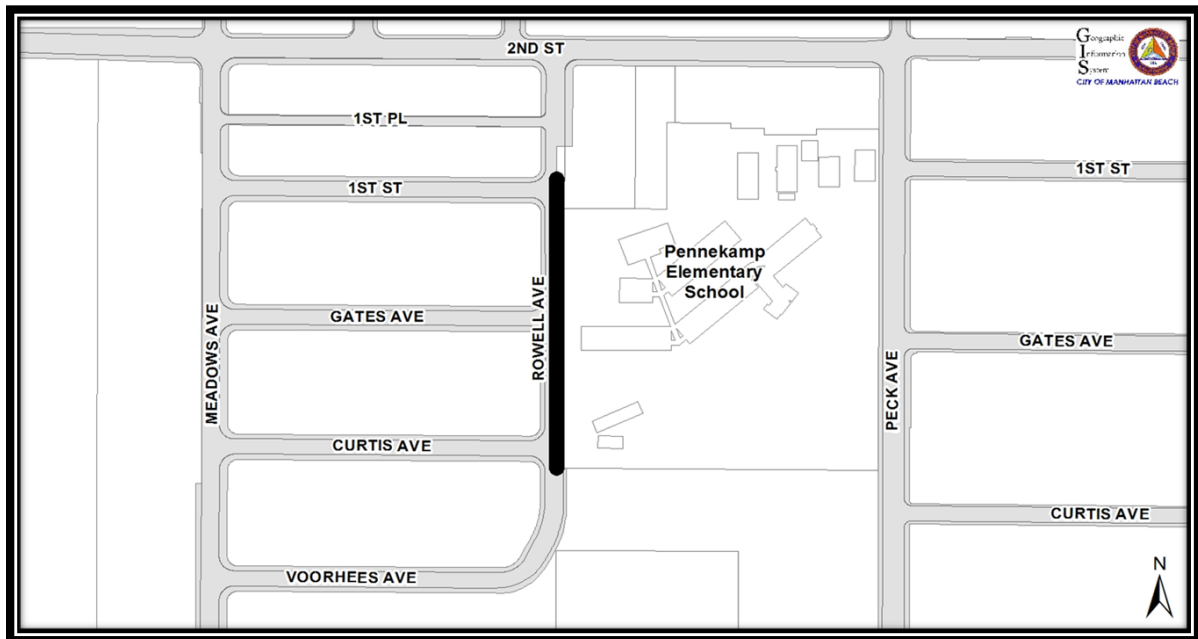
Project Title: Rowell Avenue Sidewalk Connection (Curtis & 1st St.)

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Measure M	\$ -	\$ 200,000	\$ 640,000		\$ -	\$ -	\$ 840,000
	Local Return							
	TOTAL	\$ -	\$ 200,000	\$ 640,000	\$ -	\$ -	\$ -	\$ 840,000

Location Map:



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 St/Hwy, Prop C, Msr R & M

Carryover Project #: 19102E

Original Funding Year: 2018-19

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

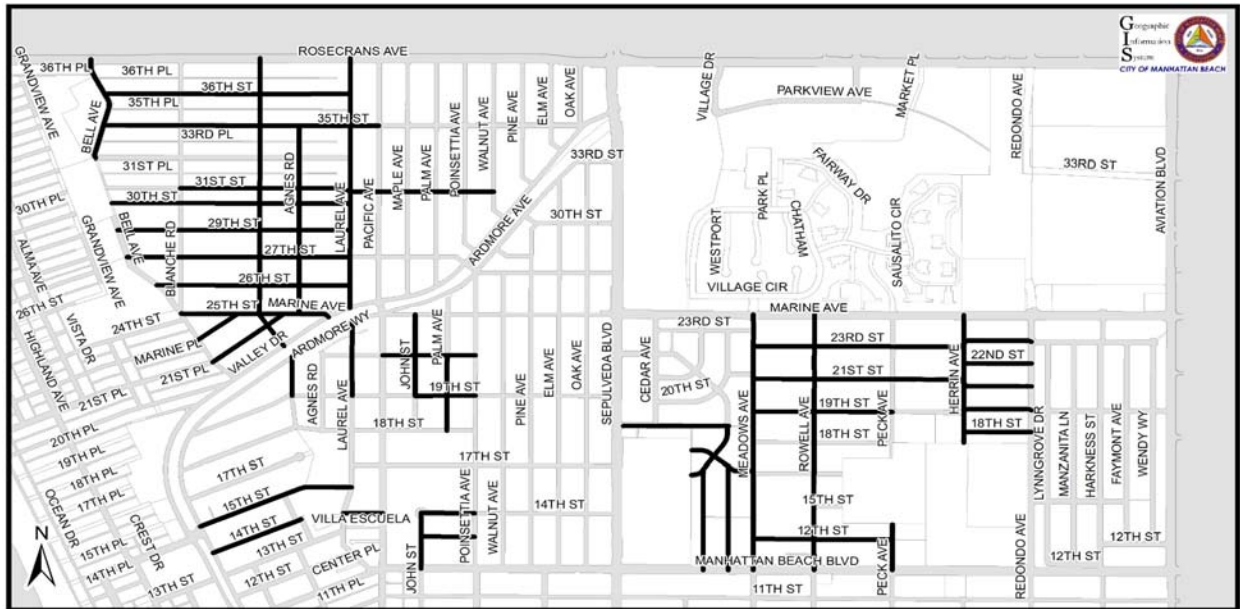
Project Title: Annual Street Resurfacing Program

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: Although this title may be new to the CIP, the work is not. Rather than assign individual project numbers to each resurfacing location, this project number will represent all future resurfacing projects beginning FY18-19.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
Streets & Hwy Fund		\$ 375,000	\$ 500,000		\$ 1,000,000		\$ 1,000,000	\$ 2,875,000
Prop C		\$ 700,000	\$ 400,000	\$ 800,000		\$ 1,200,000		\$ 3,100,000
Measure R				\$ 400,000		\$ 800,000		\$ 1,200,000
Measure M					\$ 600,000		\$ 800,000	\$ 1,400,000
TOTAL		\$ 1,075,000	\$ 900,000	\$ 1,200,000	\$ 1,600,000	\$ 2,000,000	\$ 1,800,000	\$ 8,575,000

Location Map:



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 #: N/A

Original Funding Year: N/A

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

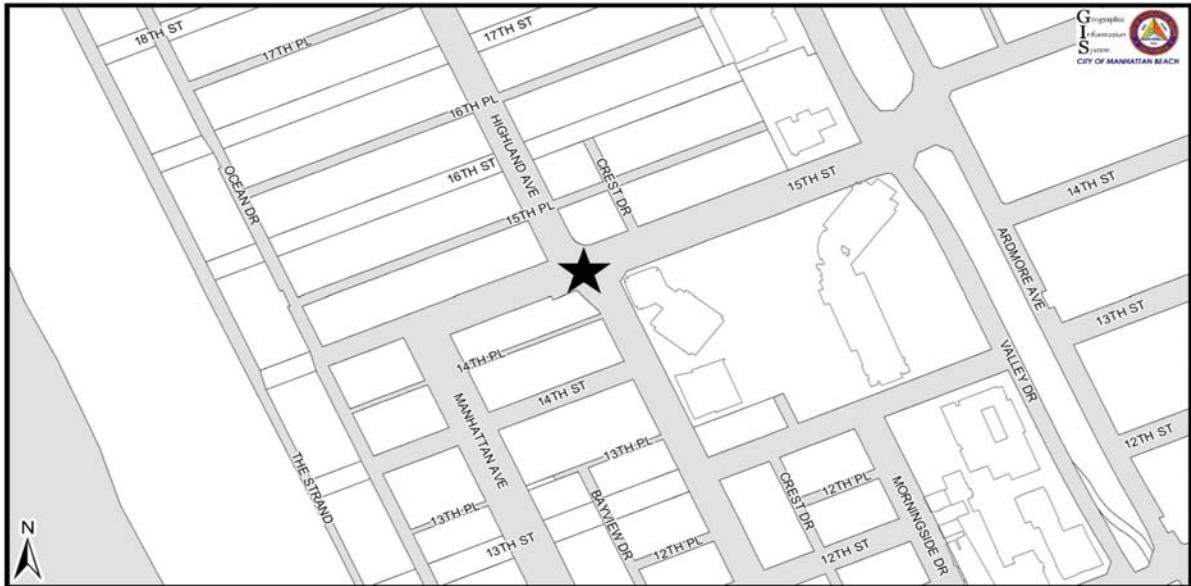
Project Title: Traffic Signal Pole: 15th St. and Highland Ave.

Description: Replacement of existing traffic signal pole at 15th St. and Highland Ave.

Justification: Traffic pole replacements are scheduled as routine infrastructure projects as the poles exceed their useful life.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Measure M	\$ -	\$ 280,000			\$ -	\$ -	\$ 280,000
	Local Return							
	TOTAL	\$ -	\$ 280,000	\$ -	\$ -	\$ -	\$ -	\$ 280,000

Location Map:



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 #: 15828E
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.

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, roof replacement(s), replacing sealants at the perimeter of the windows, HVAC replacement, bathroom repairs, and repairing asphalt outside of the buildings.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19						TOTAL
			FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	
	CIP Fund	\$ 1,880,481	\$ 630,000	\$ 600,000	\$ 400,000	\$ 650,000	\$ 650,000	\$ 4,810,481
	TOTAL	\$ 1,880,481	\$ 630,000	\$ 600,000	\$ 400,000	\$ 650,000	\$ 650,000	\$ 4,810,481

Location Map:

No map; various facilities Citywide

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 #: 18202E

Original Funding Year: 2017-18

General Plan Element Goals: I-1

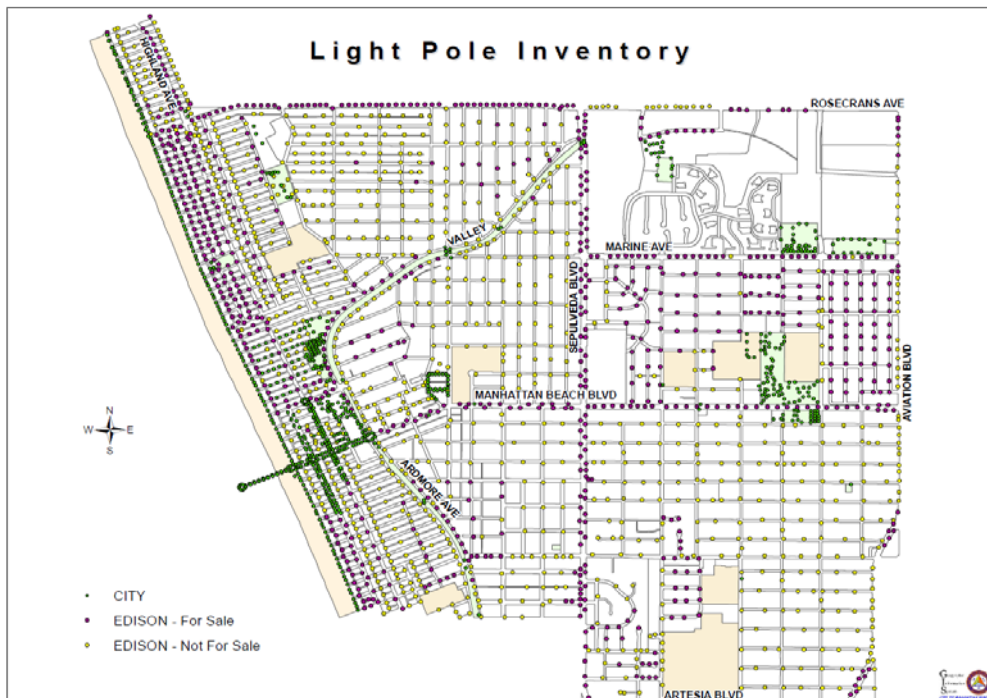
Project Title: Streetlight LED Retrofit

Description: LED retrofit of approximately 900 street lights throughout the City which the City recently purchased from Southern California Edison.

Justification: The City of Manhattan Beach has entered into an agreement with Southern California Edison, purchasing approximately 900 qualifying street lights. The lights will now be converted to LED bulbs. Space on the city-owned poles may also be leased to telecom providers to enhance cell phone and other wireless communications, as well as be utilized by the City for other city-related smart technology applications.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	CIP Fund	\$ 381,189	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 381,189
	TOTAL	\$ 381,189	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 381,189

Location Map:



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 #: 18201E

Original Funding Year: 2017-18

General Plan Element Goals: LU-3

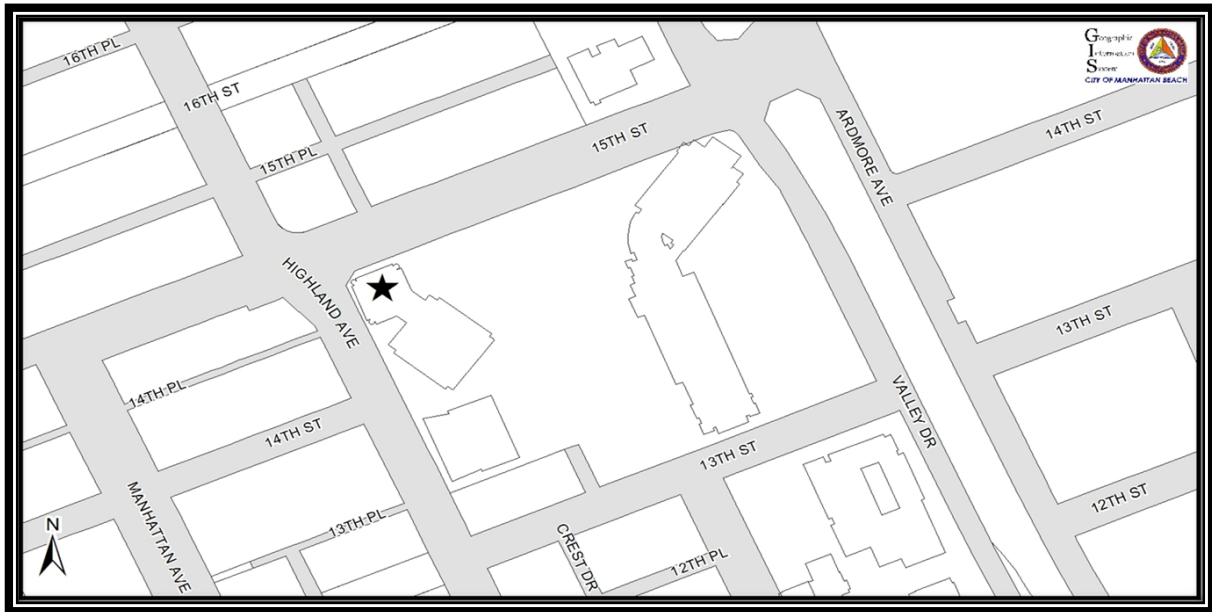
Project Title: City Hall 1st and 2nd Floor Restroom Remodel

Description: To remodel four City Hall public restrooms (2 near the Council Chambers and 2 near the Welcome Center). The project scope includes design work, rerouting plumbing, removing and/or relocating walls, installing new ADA features, a new shower and tile work. The project budget covers design costs, construction and contingency.

Justification: The four public restrooms at City Hall do not properly accommodate ADA requirements, yet are heavily utilized by the public. The project will significantly improve ADA access to these facilities. Staff proposes to use the remaining funds from the Welcome Center Remodel and supplement an additional amount to improve these public facilities.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	CIP Fund	\$ 476,550	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 476,550
	TOTAL	\$ 476,550	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 476,550

Location Map:



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 #: 16207E
Original Funding Year: 2015-16
General Plan Element Goals: CR-1

Project Title: Installation of New Fitness Equipment and Surfacing at Mariposa Fitness Station

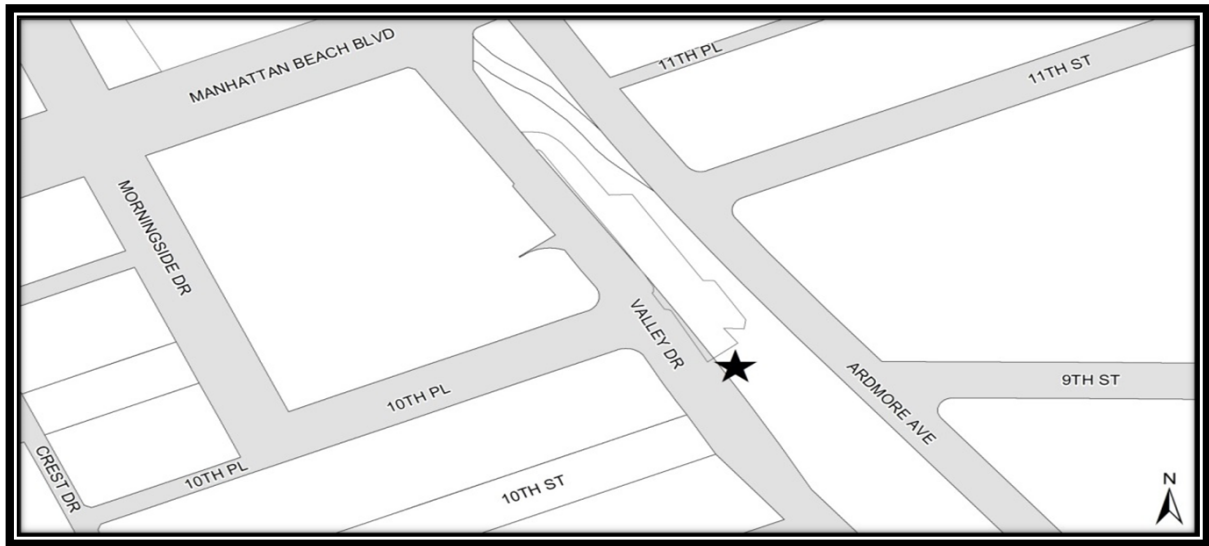
Description: Remove existing worn down and damaged fitness equipment and surfacing installation of new poured in place surfacing material and installation of all new fitness cluster equipment.

Justification: The current fitness equipment and surfacing at the Mariposa Fitness Station 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. The current fitness station is made of wood and is worn down and requires constant maintenance. It is proposed to keep the same aspect of the body weight stationed fitness cluster style but to use powder coated steel frame and plastic benches to reduce maintenance.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	CIP Fund	\$ 217,500	\$ -		\$ -	\$ -	\$ -	\$ 217,500
	TOTAL	\$ 217,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 217,500

Location Map:



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 #: 17201E
Original Funding Year: 2016-17
General Plan Element Goals: CR-1

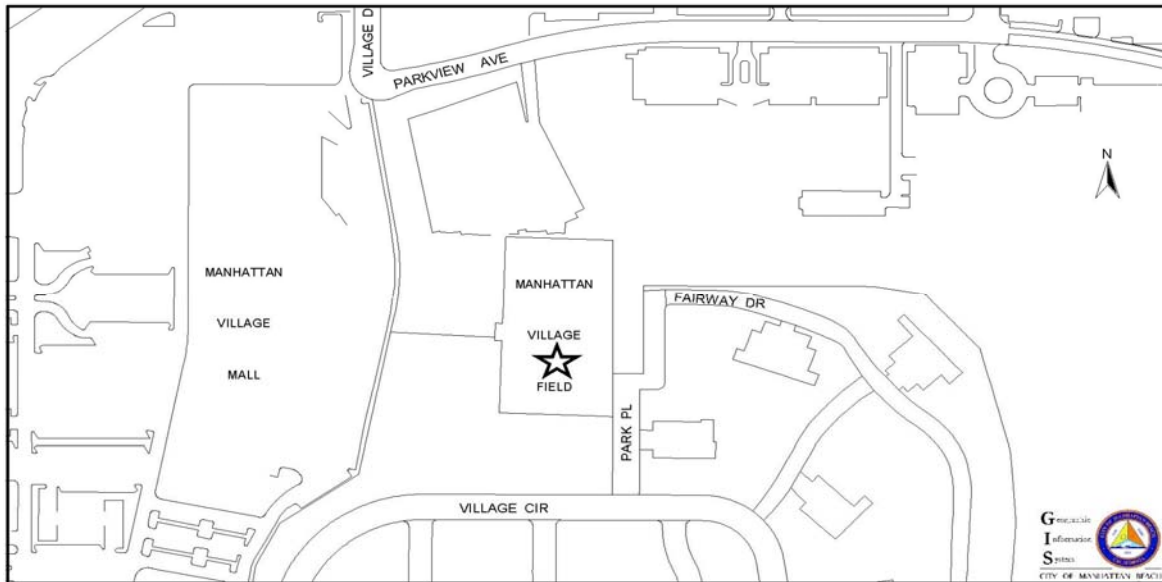
Project Title: Village Field Light Fixtures Replacement

Description: Replace the light fixtures at Village Field.

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. New lights will ensure the facility is safe, efficient and well light year-round.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	CIP Fund	\$ 39,597	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 39,597
	TOTAL	\$ 39,597	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 39,597

Location Map:



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 #: 17202E

Original Funding Year: 2016-17

General Plan Element Goals: CR-1

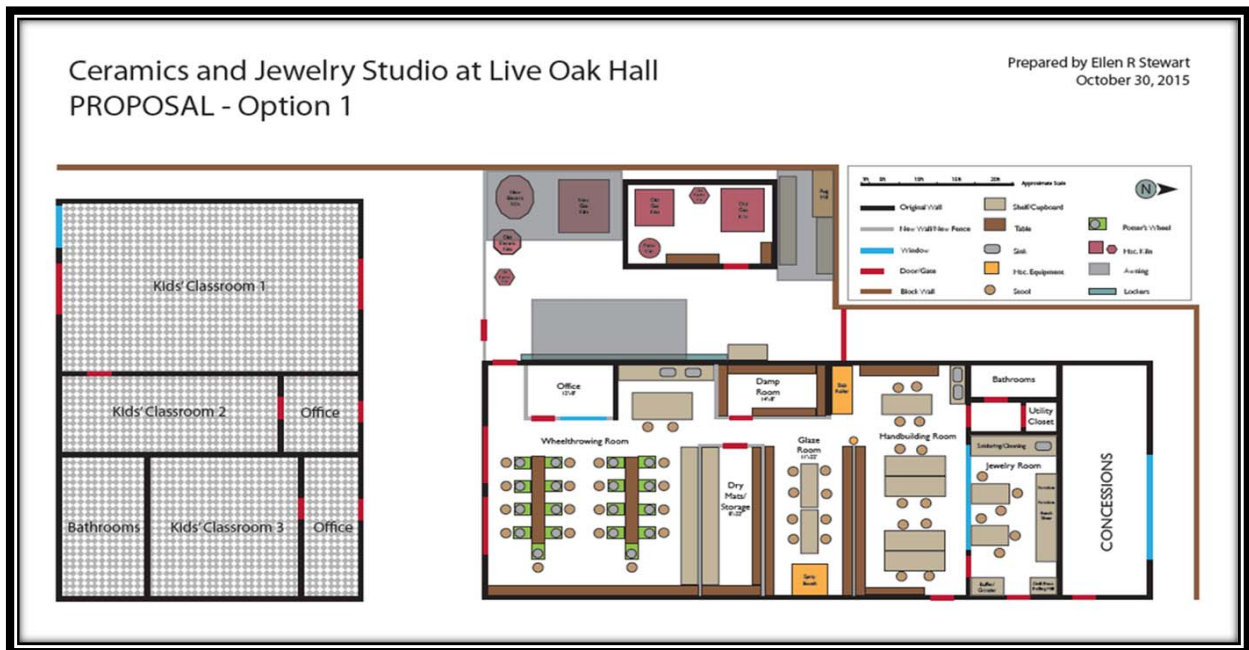
Project Title: Ceramics Studio Upgrades

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 for 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.

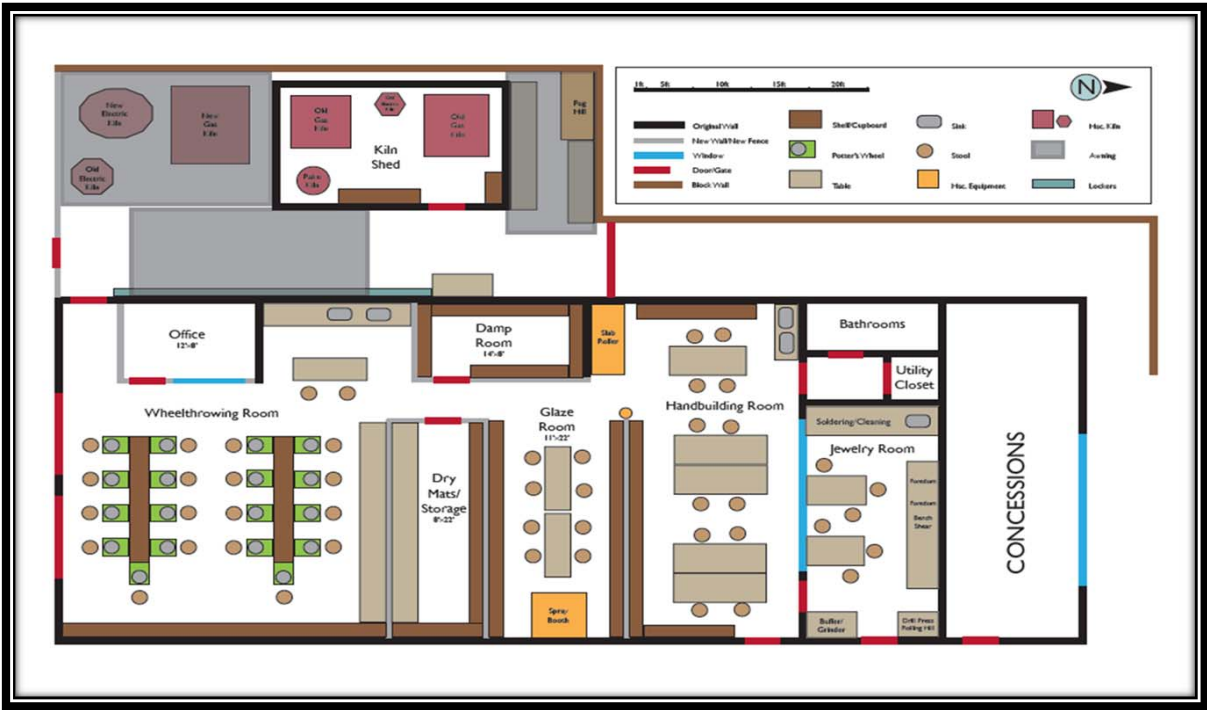
Justification: This expansion would provide additional classrooms for Ceramics and Jewelry classes that have outgrown the current facility. It will also free up the current Ceramics facility for use by the Kids' program, providing a space more conducive to children's programming, with easier access,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

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	CIP Fund	\$ 267,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 267,000
	TOTAL	\$ 267,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 267,000

Location Map:



Project Title: Ceramics Studio Upgrades



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 #: 16203E
Original Funding Year: 2015-16
General Plan Element Goals: LU-3, LU-3.1

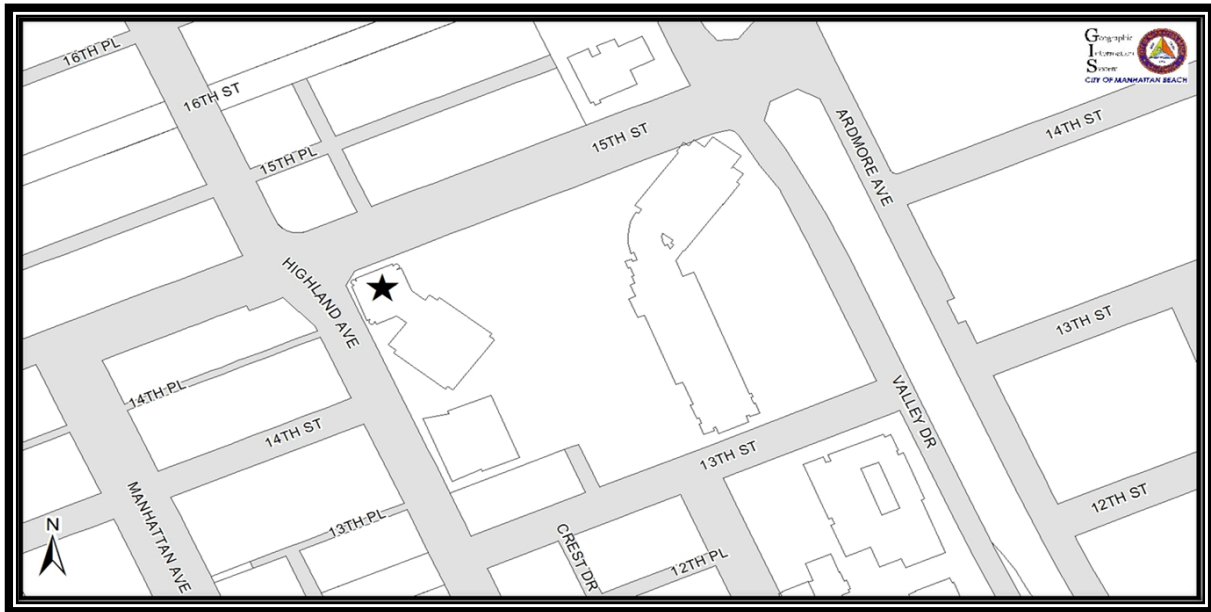
Project Title: City Hall Remodel

Description: Interior modifications at City Hall.

Justification: Interior modifications are designed to improve customer service and employee workflow.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	CIP Fund	\$ 42,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 42,000
	TOTAL	\$ 42,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 42,000

Location Map:



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 #: 16211E

Original Funding Year: 2015-16

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

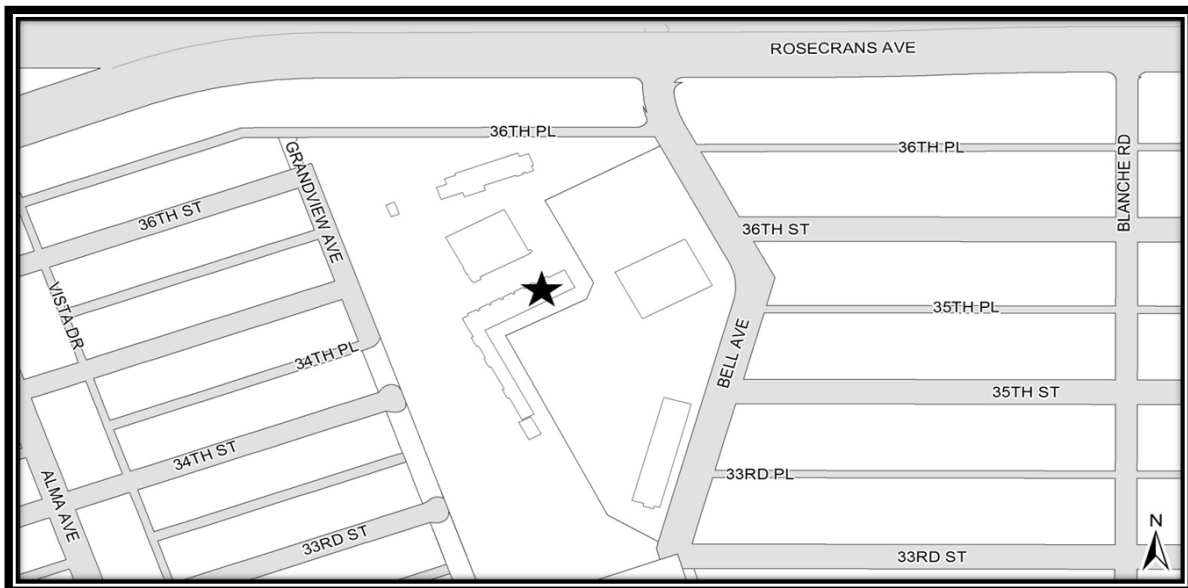
Project Title: Engineering Division Space Planning

Description: Professional design services for Engineering Division office space layout.

Justification: The existing layout of the Engineering Division offices is only marginally functional. The offices are cramped and the file storage area is of inadequate size for the materials requiring storage. The reconfiguration of the existing space along with the possibility of changing the storage space on the east side of the existing offices is the goal of the project.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	CIP Fund	\$ 336,023	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 336,023
	TOTAL	\$ 336,023	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 336,023

Location Map:



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 #: 15829E
Original Funding Year: 2014-15
General Plan Element Goals: LU-3, LU-3.1

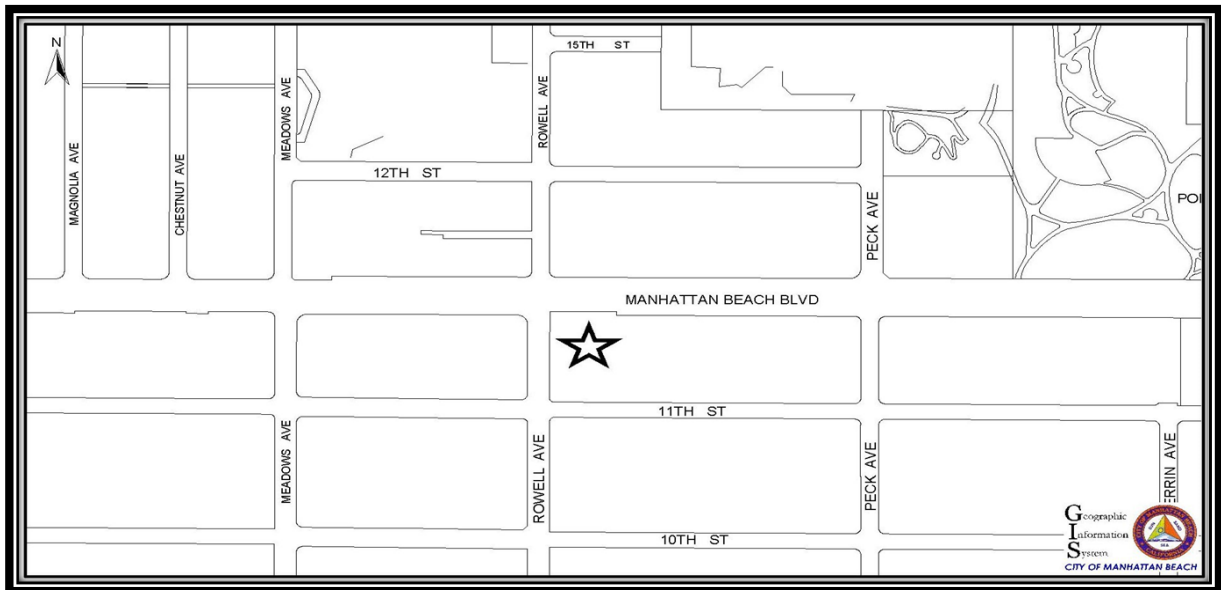
Project Title: Fire Station 2 Design Development

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. This project would provide the City Council with options regarding possible locations of a new fire station and, if authorized, would proceed into a design development phase for a new station. In the interim, the proposed budget includes \$30,000 to fund critically important improvements to the existing station to improve operational efficiencies.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	CIP Fund	\$ 777,441	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 777,441
	TOTAL	\$ 777,441	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 777,441

Location Map:



Category:

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

Funding Source: CIP Fund

Carryover Project #: N/A

Original Funding Year: N/A

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

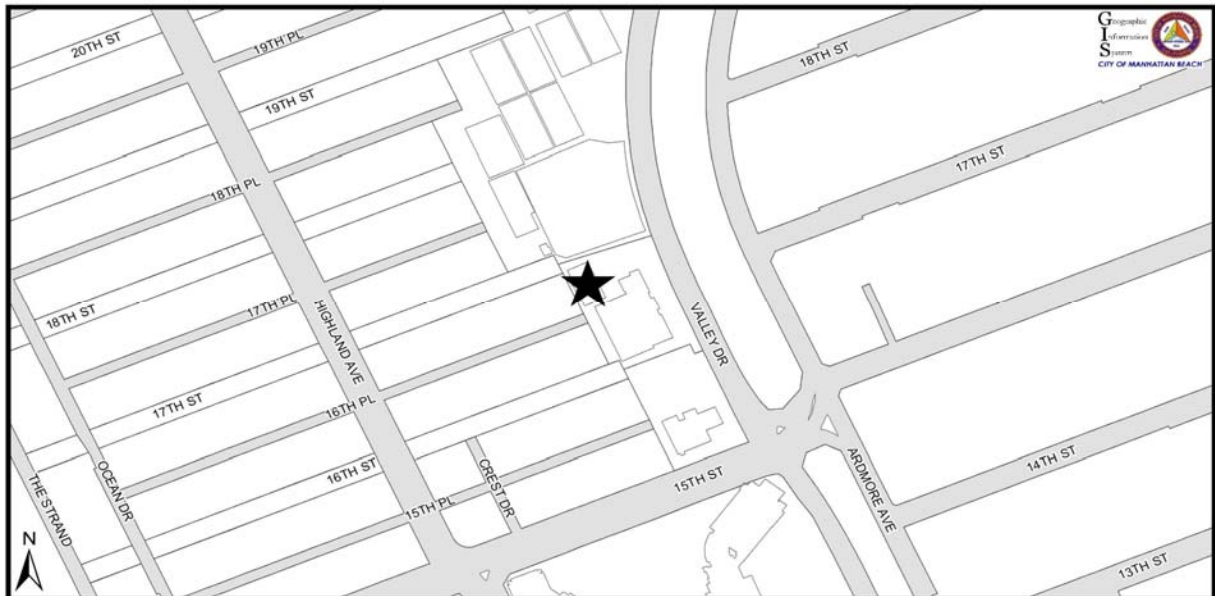
Project Title: Senior and Scout House

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	CIP Fund	\$ 550,000	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
	TOTAL	\$ 550,000	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000

Location Map:



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 #: 16212E

Original Funding Year: 2015-16

General Plan Element Goals: LU-5

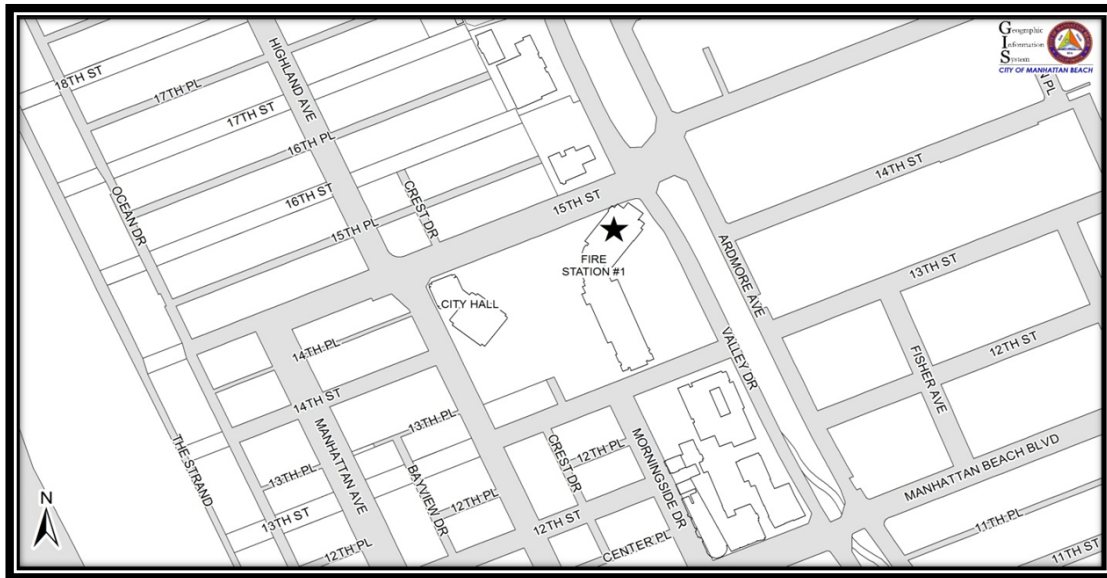
Project Title: Replacement and Upgrade of Fire Station 1 Diesel Exhaust Removal System

Description: Replacement of the aging fire apparatus diesel exhaust removal system.

Justification: The current exhaust system relies on a negative pressure (pulls the exhaust out rather than pushes). The fan that moves the exhaust out of the station is aging and the bearings are creating additional noise. The exhaust motor is located on top of the Fire Station. Every time a fire vehicle is started the system turns on. This came be at 2:00 am during environmentally the quietest time in the downtown neighborhood. This noise carries throughout the surrounding space of the fire station. Neighbors initially complained, but have since learned to live with the noise. The new system will mitigate much of the sound by using two smaller fans located inside the fire station. The new fans will be shrouded to prevent echoing and newer bearings and mechanical technology will reduce environmental noise.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	CIP Fund	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000
	TOTAL	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000

Location Map:



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 #: 16208E
Original Funding Year: 2015-16
General Plan Element Goals: CR-1

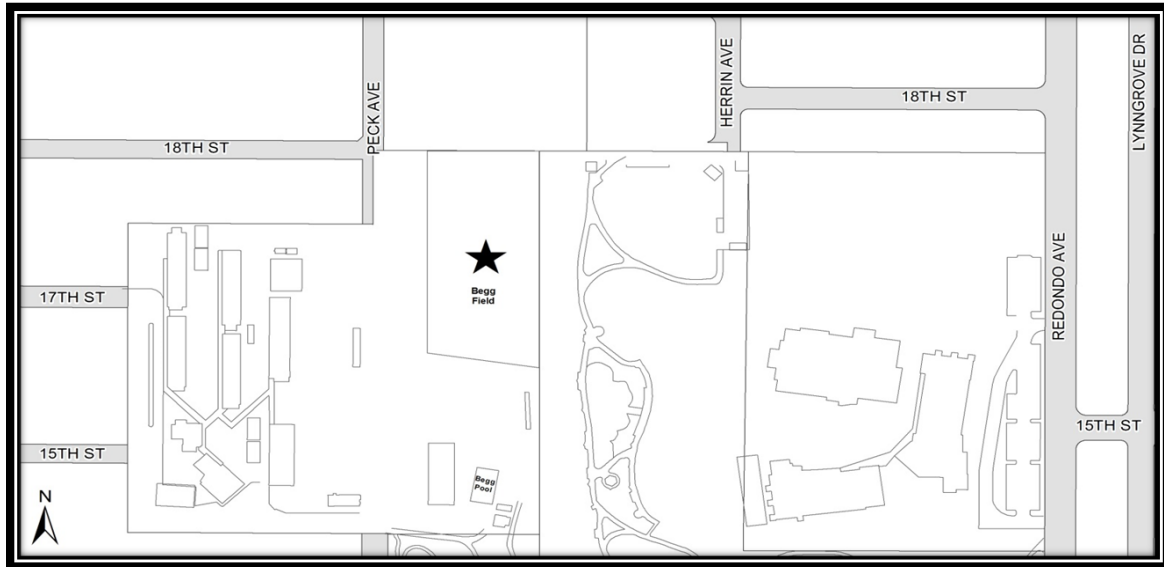
Project Title: Begg Field Improvements (Lighting, Fencing, etc.)

Description: Perform field improvements, install fence around turf and replace the light fixtures at Begg Field.

Justification: Over 5,000 AYSO, youth club and adult soccer participants play soccer annually in the City of Manhattan Beach. Synthetic turf will allow year round use to accommodate the communities needs and new lights will ensure the facility is safe, efficient and well light year-round.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	CIP Fund	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000
	TOTAL	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000

Location Map:



Category:

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

Funding Source: CIP Fund

Carryover Project #: N/A

Original Funding Year: N/A

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

Project Title: Historic Documents Repository

Description: Design a historic documents repository.

Justification: A location where historic documents can be safely and properly stored and protected is needed. The project will determine to house the historic documents and provide a design for the repository.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	CIP Fund	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ 250,000
	TOTAL	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ 250,000

Location

Map:

No map; location to be determined

Category:

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

Funding Source: CIP Fund

Carryover Project #: N/A

Original Funding Year: N/A

General Plan Element Goals: CR-3

Project Title: School District Project - TBD

Description: The City will perform a CIP project for 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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	CIP Fund	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000
	TOTAL	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000

Location Map:

No map; location to be determined

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 #: 13822E

Original Funding Year: 2012-13

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

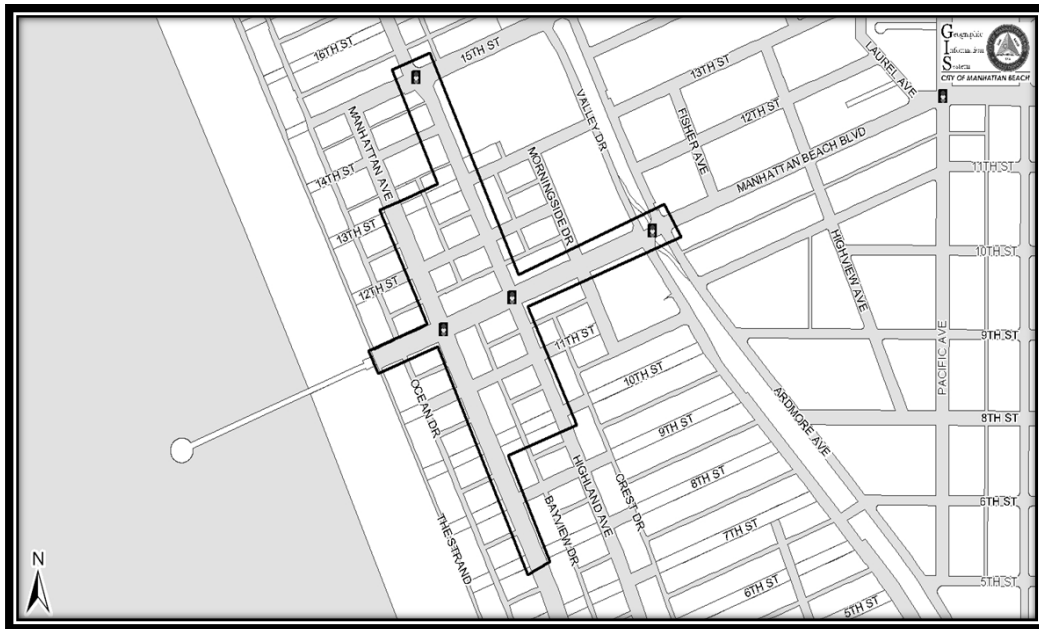
Project Title: Downtown Streetscape Improvements: Traffic Signal Pole Replacement

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	CIP Fund	\$ 993,050	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 993,050
	TOTAL	\$ 993,050	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 993,050

Location Map:



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 #: 17207E
Original Funding Year: 2016-17
General Plan Element Goals: I-1, I-2

Project Title: Traffic Signal Battery Back-Up Installation

Description: Determine signal locations without battery back-up and upgrade them with battery back-up installation.

Justification: To ensure reliability of all traffic signals during power outages, each signal should be equipped with a battery back-up to maintain safety and efficiency.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	CIP Fund	\$ 110,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 110,000
	TOTAL	\$ 110,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 110,000

Location Map:

No map; locations to be determined

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 #: 16106E

Original Funding Year: 2015-16

General Plan Element Goals: I-1

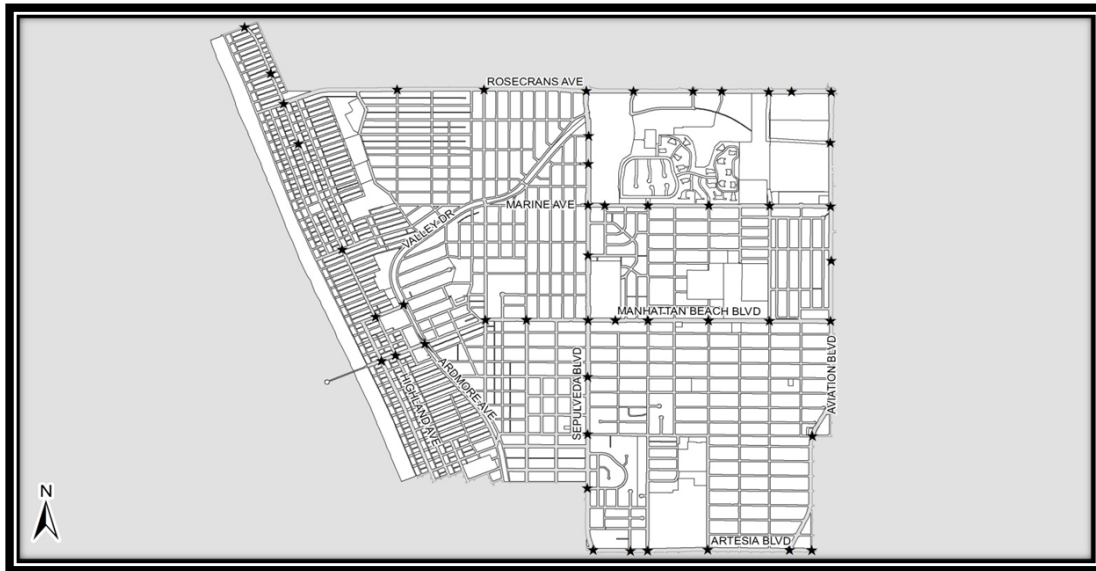
Project Title: Traffic Signal Preemption Devices

Description: This project will install traffic signal emergency vehicle preemption devices at all signal controlled intersections in the City.

Justification: Traffic sign preemption allows emergency vehicles responding to emergency calls to have better response times. Preemption will also improve traffic safety for the motoring public.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	CIP Fund	\$ 158,282			\$ -	\$ -	\$ -	\$ 158,282
	TOTAL	\$ 158,282	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 158,282

Location Map:



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 #: 15835E
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 would provide 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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	CIP Fund	\$ 7,715	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 507,715
	TOTAL	\$ 7,715	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 507,715

Location

Map:

Various locations; citywide

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 #: 17205E
Original Funding Year: 2016-17
General Plan Element Goals: I-6

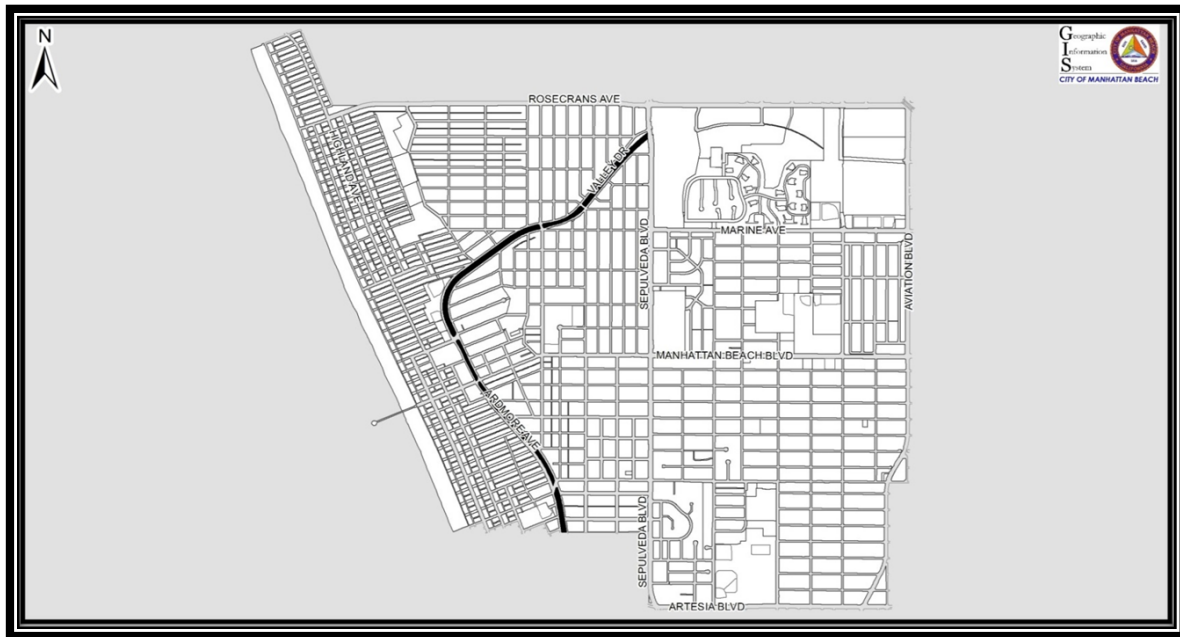
Project Title: Veterans Parkway Pedestrian Access Masterplan

Description: Conduct an evaluation of existing and recommended pedestrian crossings and connections to the Veterans Parkway and prepare design plans to construct pedestrian connections.

Justification: The Veterans Parkway Pedestrian Access Master Plan will identify gaps in the pedestrian network along the Veterans Parkway, and develop design plans to construct these connections. The improvements will be located at intersections, major side street paths, and school routes. The Plan will be based on the policy recommendations that are developed in the Mobility Plan Update. The plan will ensure that all pedestrian crossing treatments are in conformance with the "Pedestrian Crossing Enhancements Policy" contained in the Mobility Plan Update. Some of the pedestrian crossing treatments may include decorative crosswalks, new sidewalks, pedestrian ramps, flashing beacons, curb bulb-outs, lighting, traffic calming devices and pedestrian signal modifications at traffic signals. Construction of the recommended pedestrian facilities will be proposed in future CIP projects

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	CIP Fund	\$ 79,748	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 79,748
	TOTAL	\$ 79,748	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 79,748

Location Map:



Category:

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

Funding Source: CIP Fund

Carryover Project #: N/A

Original Funding Year: N/A

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

Project Title: Roadway Safety Bollards and Barriers (concepts only)

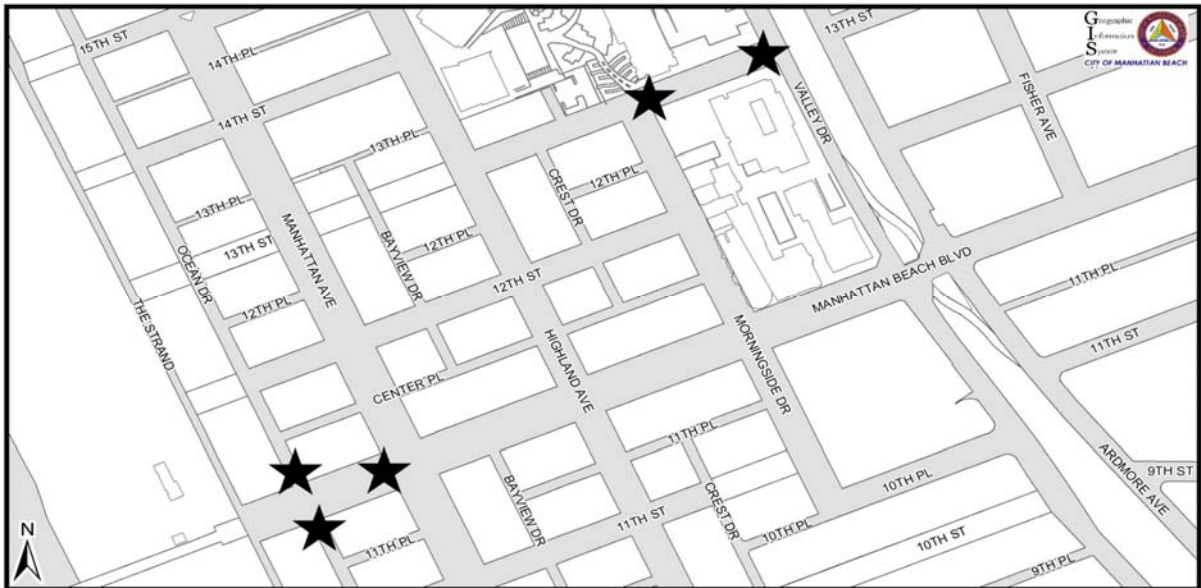
Description: Design concepts of roadway barriers at four key locations:

1) 13th Street @ Valley (west leg of intersection), 2) 13th Street @ Morningside (east leg of intersection), 3) Manhattan Beach Blvd. @ Manhattan Ave (west leg of intersection), 4) Manhattan Beach Blvd. @ Ocean Dr. (North and South leg of intersection).

Justification: To ensure safety of pedestrians in the key areas of the weekly Farmer's Market and the last block of Manhattan Beach Blvd. before reaching the Pier.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	CIP Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Location Map:



Category:

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

Funding Source: CIP Fund

Carryover Project #: N/A

Original Funding Year: N/A

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

Project Title: Automatic License Plate Reader - Sepulveda Blvd. (pole only)

Description: Installation of a pole at the intersection of Rosecrans Ave. and Sepulveda Blvd. which will be used to install an Automatic License Plate Reader on the pole.

Other locations anticipated for the readers, which are outside the scope of the CIP because the Fixed License Plate Readers can be installed on existing signal poles, are at northbound 45th St. at Highland Ave. and the intersection of Valley Dr. and Manhattan Beach Blvd.

Justification: License plate readers were installed in Manhattan Beach in 2017, and the Police Department has advised that the license plate readers have proven to be effective tools to catch wanted criminals entering Manhattan Beach, as well as provide investigative leads for crimes.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	CIP Fund	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000
	TOTAL	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000

Location Map:



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 #: N/A

Original Funding Year: N/A

General Plan Element Goals: CR-1

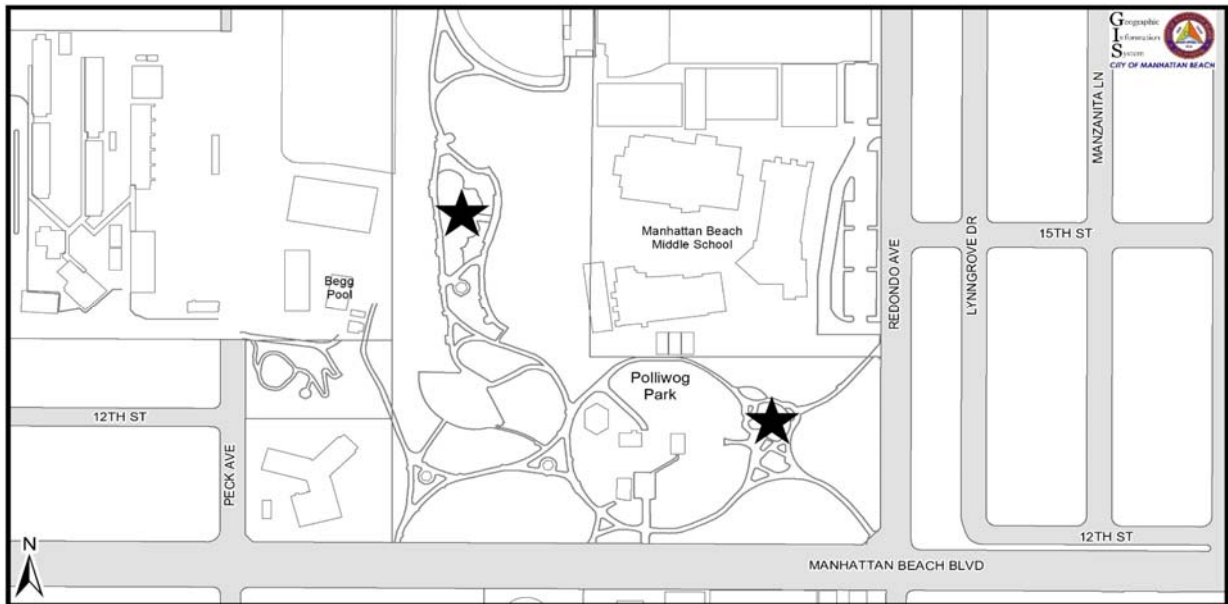
Project Title: Polliwog Playground Resurfacing & Equipment Replacement (Prop A/CIP)

Description: Resurface both playground areas and replace the lower Polliwog playground equipment 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/replaced.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Prop A		\$ 600,000		\$ -	\$ -	\$ -	\$ 600,000
	CIP		\$ 400,000					\$ 400,000
	TOTAL	\$ -	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000

Location Map:



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 #: N/A

Original Funding Year: N/A

General Plan Element Goals: CR-2

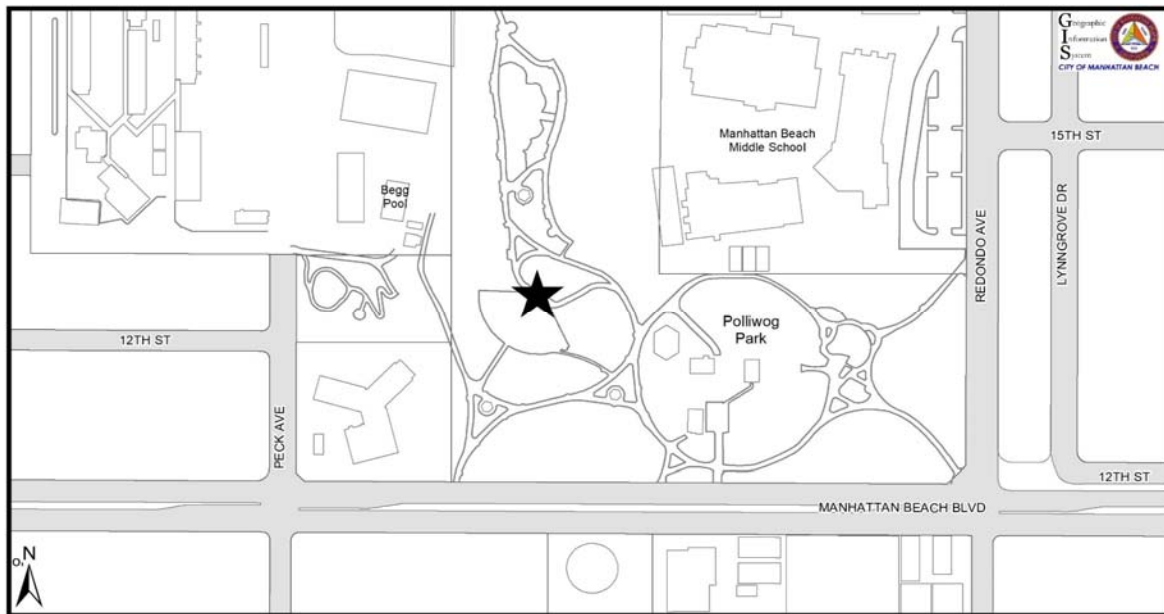
Project Title: Polliwog Band Stage (Public Art Trust Fund)

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

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

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Public Art Trust Fund		\$ 100,000		\$ -	\$ -	\$ -	\$ 100,000
	TOTAL	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000

Location Map:



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 #: 15834E

Original Funding Year: 2018-19

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

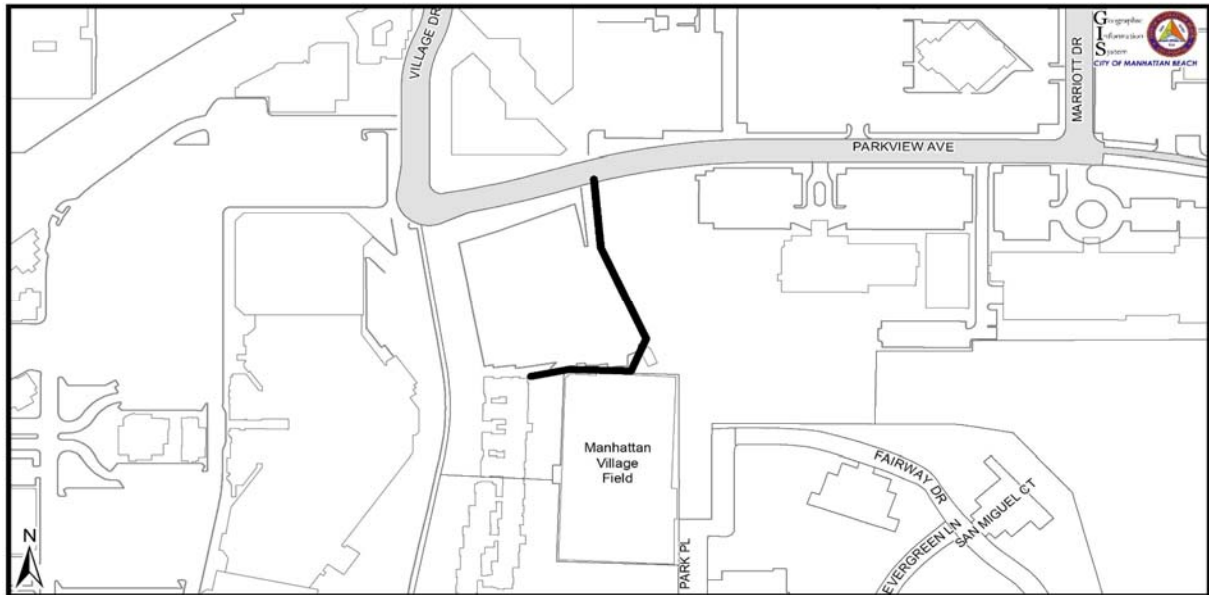
Project Title: Village Field Access Ramp: Construction (CDBG Funds)

Description: Installing ADA pathway/access ramp 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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	CDBG Funds	\$ 300,000			\$ -	\$ -	\$ -	\$ 300,000
	TOTAL	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000

Location Map:



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: N/A

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.

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL						
	CDBG		\$	-	\$	100,000	\$	100,000	\$	100,000	\$	300,000		
	TOTAL		\$	-	\$	-	\$	100,000	\$	100,000	\$	100,000	\$	300,000

Location

Map:

No map; Citywide

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 #: 17204E

Original Funding Year: 2016-17

General Plan Element Goals: I-4

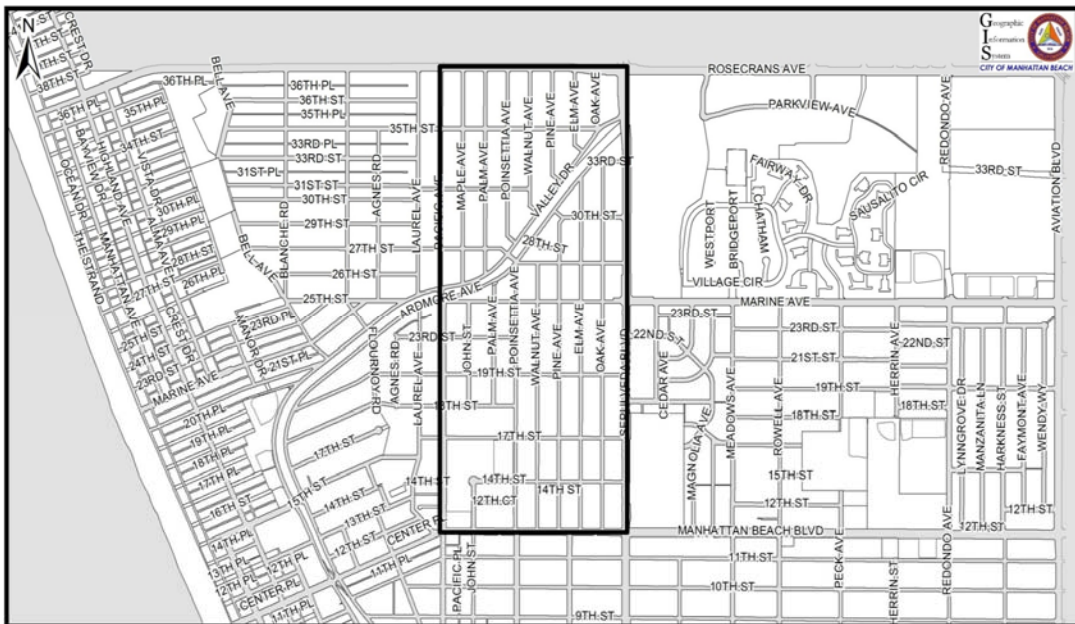
Project Title: Sepulveda Blvd./Oak Ave. Neighborhood Intrusion Study (Manhattan Village Mall)

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	MV Mall	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
	TOTAL	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000

Location Map:



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 #: N/A

Original Funding Year: N/A

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 will now be included as part of the City's infrastructure capital plan.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20		FY2020-21		FY2021-22		FY2022-23		FY2023-24		TOTAL
			\$		\$		\$		\$		\$		
	Streetlight Fund		\$	35,000	\$	35,000	\$	35,000	\$	35,000	\$	35,000	\$ 175,000
	TOTAL		\$	-	\$	35,000	\$	35,000	\$	35,000	\$	35,000	\$ 175,000

Location Map:

No map; Citywide

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 #: 16302E

Original Funding Year: 2015-16

General Plan Element Goals: I-7

Project Title: Annual Pipe Replacement Program

Description: Improvement of the Pacific Avenue Sewage Lift Station and installation of a second force main. 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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Water Fund	\$ 3,100,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 2,000,000	\$ 2,000,000	\$ 11,600,000
	TOTAL	\$ 3,100,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 2,000,000	\$ 2,000,000	\$ 11,600,000

Location Map:



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 #: 17302E

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; 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 City substantially decrease non-revenue water by detecting water loss in the distribution network

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Water Fund	\$ 5,340,000		\$ -				\$ 5,340,000
	TOTAL	\$ 5,340,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,340,000

Location Map:

No map; Citywide

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 #: 18301E

Original Funding Year: 2017-18

General Plan Element Goals: I-7

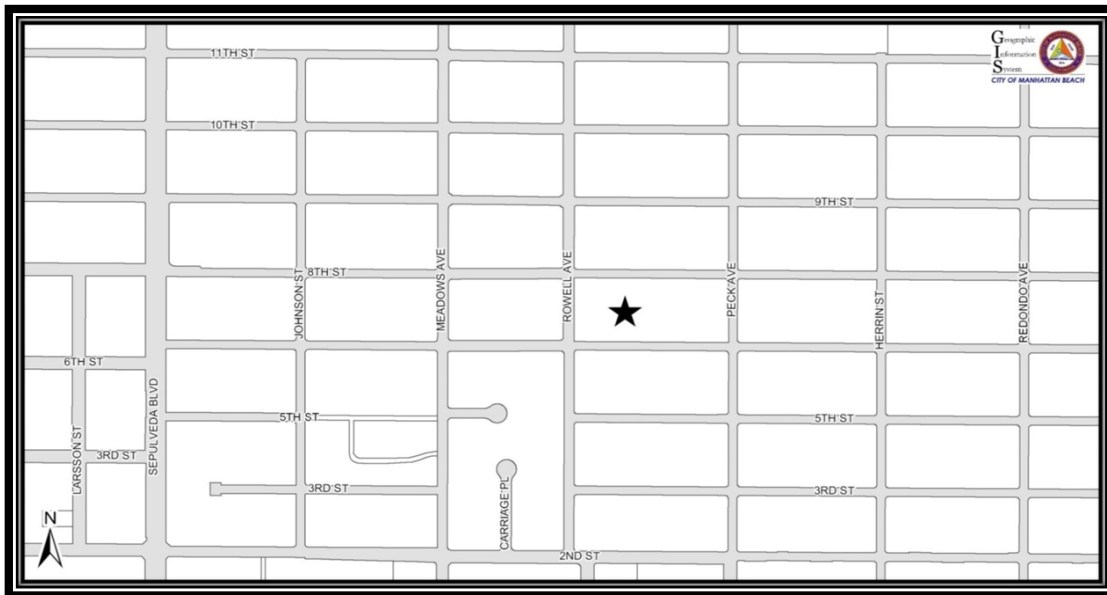
Project Title: Block 35 Ground Level Reservoir Replacement (Design Only)

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. It has an inner wall with 69.17 ft. diameter, and an outer wall with 140 ft. diameter. The inner wall top is at elevation 182.8 feet, while the outer wall top is at elevation 191.58 feet. The overflow elevation is at 190 feet. 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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Water Fund	\$ 1,200,000	\$ -					\$ 1,200,000
	TOTAL	\$ 1,200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000

Location Map:



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 #: 15838E
Original Funding Year: 2014-15
General Plan Element Goals: CS-1.3, I-7

Project Title: Chloramination System at Wells 11 & 15

Description: 1. Engineering study related to the water distribution system disinfectant residual stability and feasibility of converting from chlorine to chloramine disinfection;
2. Construction of building at Well 11 to house liquid sodium hypochlorite and chemical feed/analytical equipment. The construction of the building at Well 15 is part of the "Redrill and Equip Well 15" project.

Justification: The City's blending operations of mixing MWD chloraminated water with Manhattan Beach groundwater containing ammonia at Peck and Block 35 Reservoirs, then adding chlorine presents a challenge in achieving target disinfection residuals at the point of entry to the water distribution system. This project will allow the "contact time" between the injected sodium hypochlorite and naturally occurring ammonia from well water to take place in the transmission lines from the wells to the reservoirs, thus eliminating the challenges and risks noted above.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Water Fund	\$ 302,879	\$ -	\$ -				\$ 302,879
	TOTAL	\$ 302,879	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 302,879

Location Map:



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 #: 12828E

Original Funding Year: 2011-12

General Plan Element Goals: I-7

Project Title: Larsson Street Booster Station Improvement

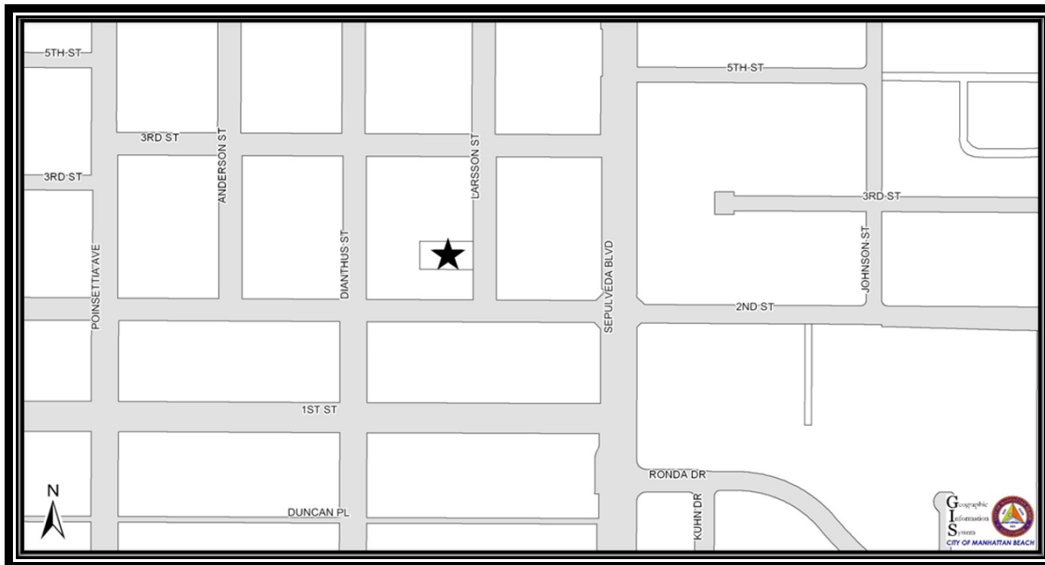
Description: Installation of three new motors, pumps, variable speed drives, motor controls, control valves, relief valve, piping, wiring, and new back-up generator.

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.

This 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, wiring, and a new back-up generator.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Water Fund	\$ 745,500	\$ -	\$ -				\$ 745,500
	TOTAL	\$ 745,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 745,500

Location Map:



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 #: 15837E

Original Funding Year: 2014-15

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

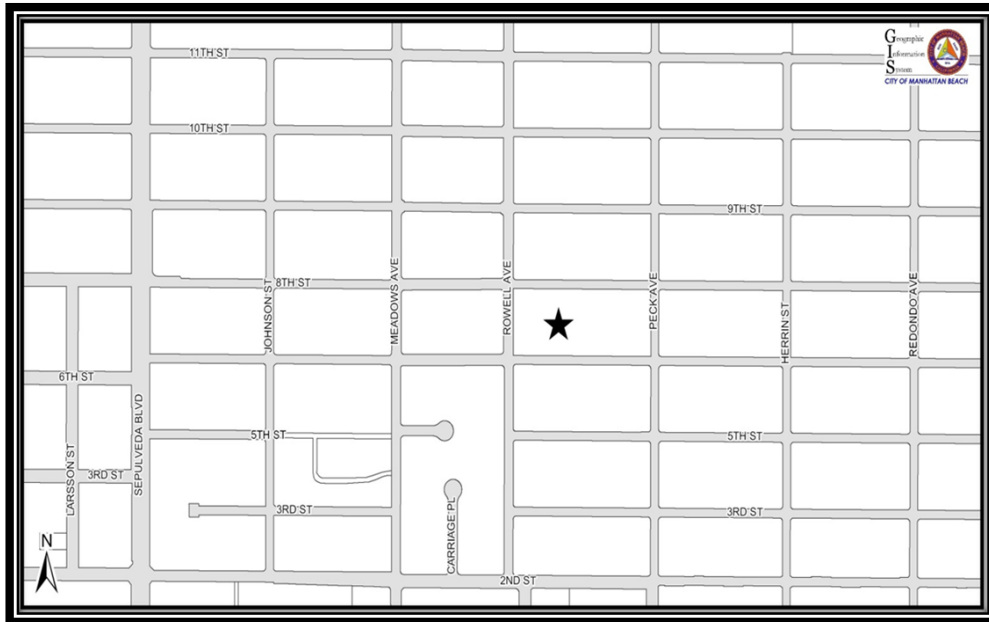
Project Title: Paint Block 35 Elevated Tank

Description: Strip and paint the exterior 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 surface be repainted and epoxied in order to keep metal corrosion under control.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Water Fund	\$ 841,594	\$ -	\$ -				\$ 841,594
	TOTAL	\$ 841,594	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 841,594

Location Map:



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 #: 15836E

Original Funding Year: 2014-15

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

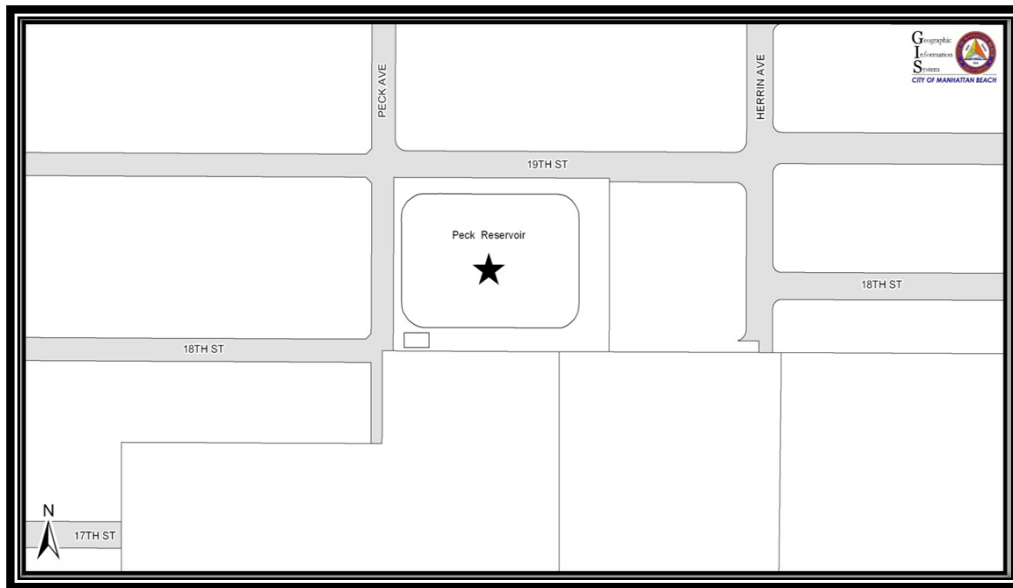
Project Title: Peck Ground Level Reservoir Replacement

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Water Fund	\$ 23,110,364	\$ -					\$ 23,110,364
	TOTAL	\$ 23,110,364	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,110,364

Location Map:



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 #: 17301E

Original Funding Year: 2016-17

General Plan Element Goals: I-7

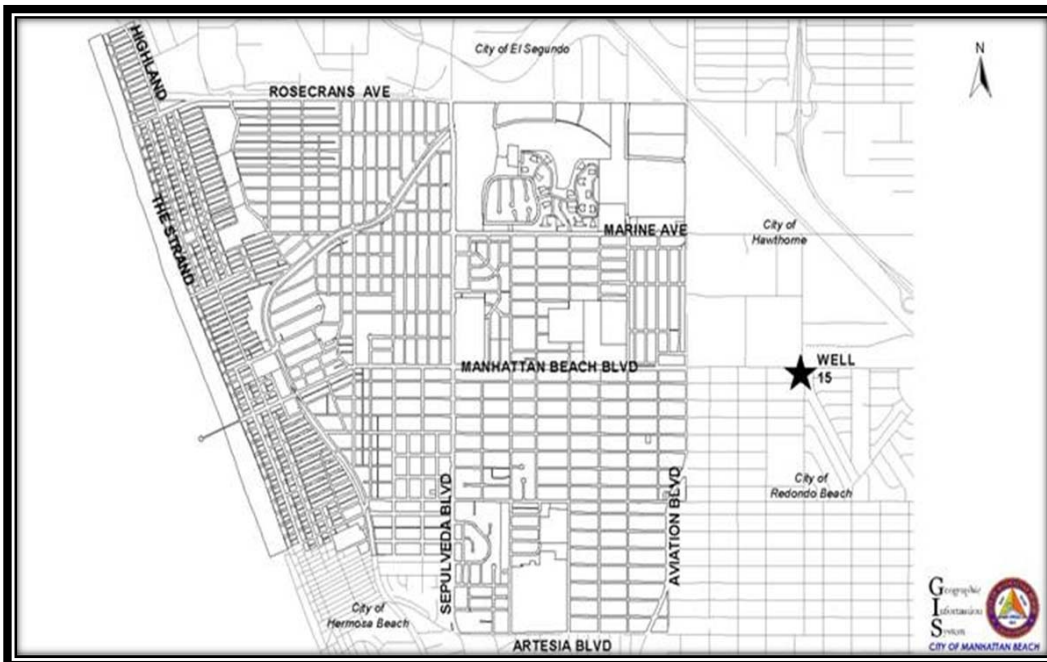
Project Title: Redrill & Equip Well 15

Description: Redrill and equip Well No. 15. This project will also include the construction of a building at Well 15 to house liquid sodium hypochlorite and chemical feed/analytical equipment.

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Water Fund	\$ 650,000	\$ -					\$ 650,000
	TOTAL	\$ 650,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 650,000

Location Map:



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 #: 11834E (Water) and 11838E (WW)

Original Funding Year: 2010-11

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

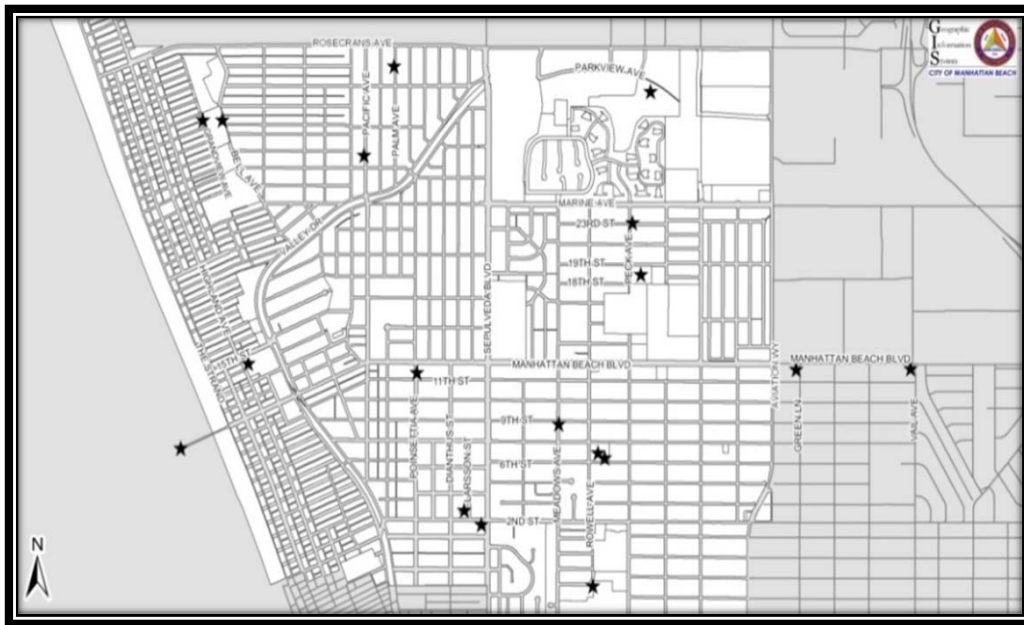
Project Title: Utility Telemetry

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Water Fund	\$ 215,395	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 215,395
	Wastewater Fund	\$ 75,609	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,609
	TOTAL	\$ 291,004	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 291,004

Location Map:



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 #: 19301E

Original Funding Year: 2018-19

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

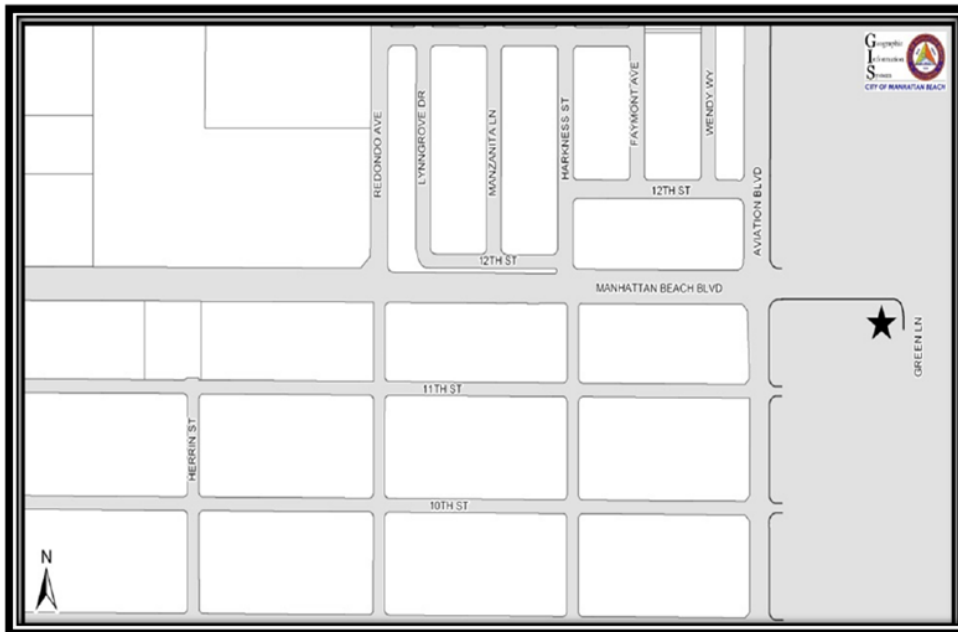
Project Title: Well 11A Variable Frequency Drive Installation

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Water Fund	\$ 125,000						\$ 125,000
	TOTAL	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,000

Location Map:



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 #: 19302E

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Water Fund	\$ 300,000						\$ 300,000
	TOTAL	\$ 300,000	\$	-	\$	-	\$	-
								\$ 300,000

Location Map:



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 #: 18302E

Original Funding Year: 2017-18

General Plan Element Goals: I-7

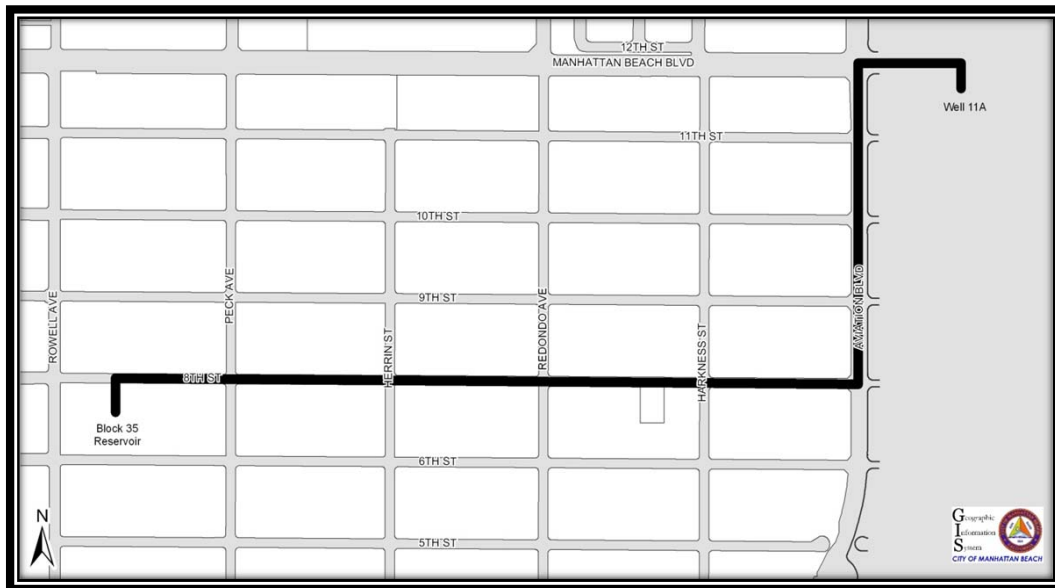
Project Title: Well Collection Line from Well 11A to Block 35 (Design Only)

Description: Prepare the design portion only of a potentially new well collection line from Well 11A to Block 35.

Justification: Design of the potentially new pipeline and attached isolation gate valves will create a hydraulic and operating redundancy whereby Well 11A water will be conveyed to the Block 35 Reservoir. Presently, Well 11A water can only be conveyed to the Peck Reservoir. The pipeline will be increased from 10 inches to 18 inches in diameter. This increase will allow for greater flow, which will allow water from both Well 11A and Well 15 to be delivered simultaneously to Block 35 Reservoir.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Water Fund	\$ 700,000	\$ -					\$ 700,000
	TOTAL	\$ 700,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 700,000

Location Map:



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, 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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Water Fund	\$ -	\$ -	\$ 300,000		\$ -	\$ -	\$ 300,000
	TOTAL	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ 300,000

Location Map:

No map; plan update

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, I-11

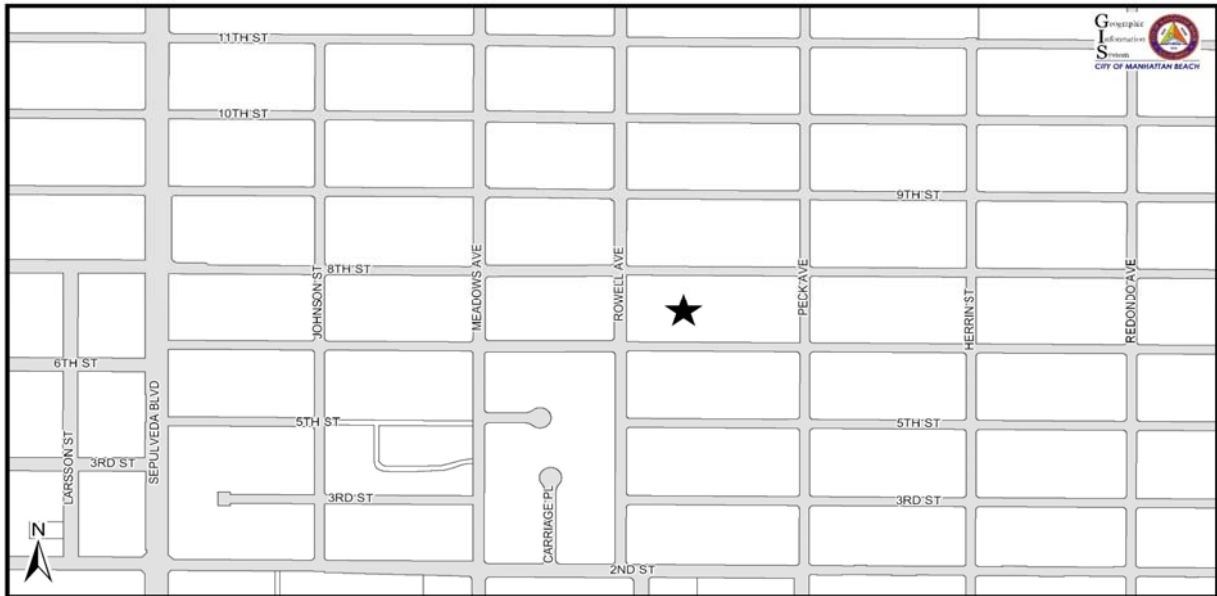
Project Title: Electronics Automation (SCADA)

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Water Fund	\$ -	\$ 200,000	\$ -		\$ -	\$ -	\$ 200,000
	TOTAL	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000

Location Map:



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

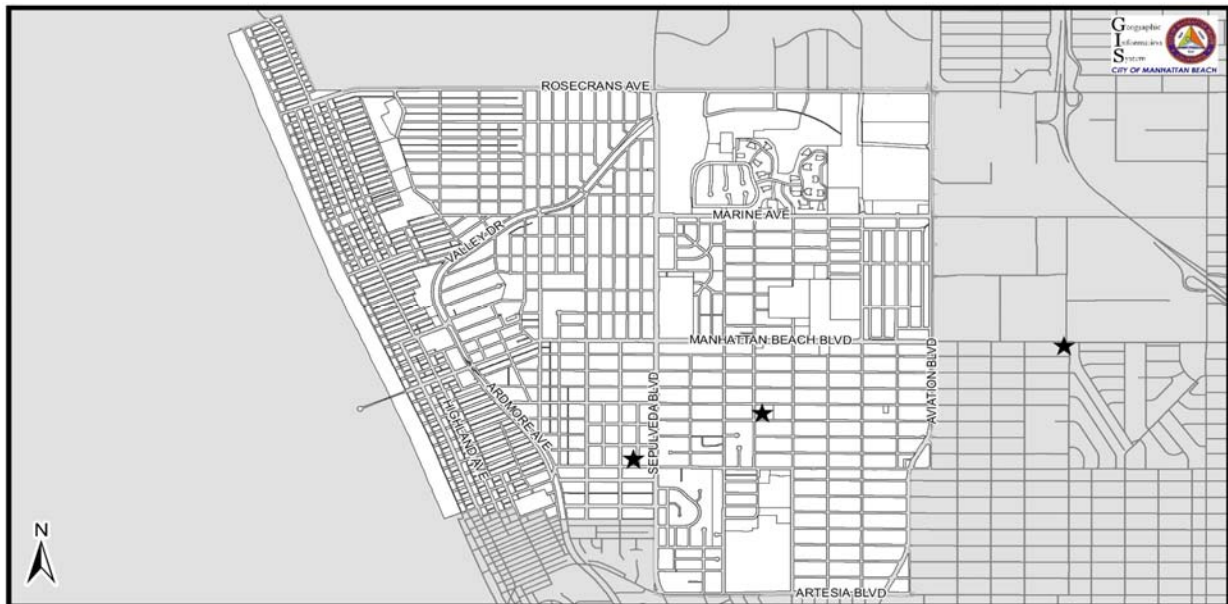
Project Title: Generator Upgrades at Larsson, Well 15 and Block 35

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Water Fund	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ 250,000	\$ -	\$ 750,000
	TOTAL	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ 250,000	\$ -	\$ 750,000

Location Map:



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 #: 16401E

Original Funding Year: 2015-16

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

Project Title: Storm Drain Debris Collection Devices

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:

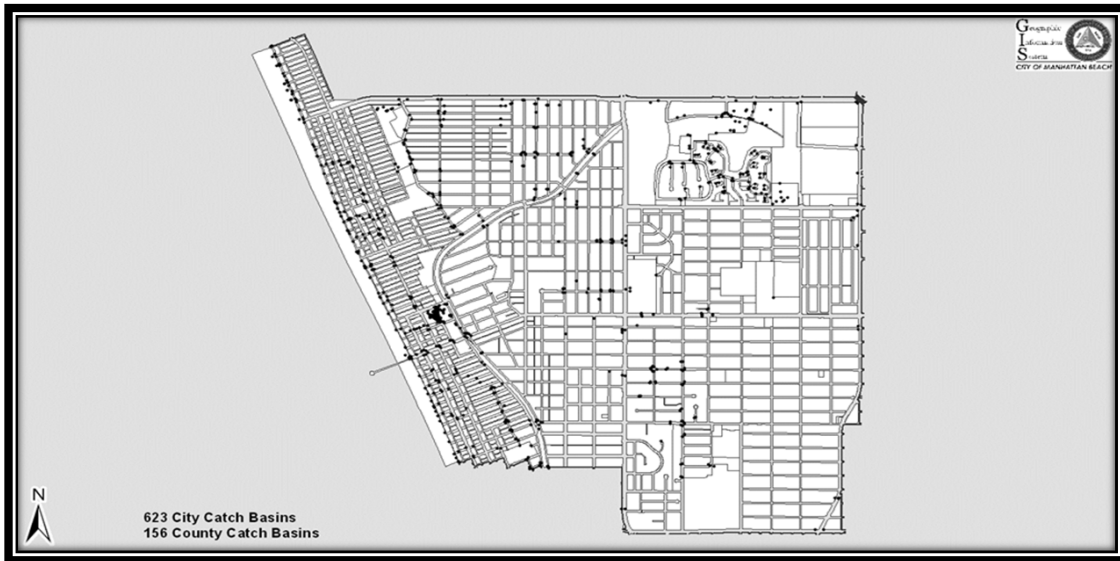
a. Install first 20% of full capture systems within 4 years of the effective date of TMDL

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Stormwater Fund	\$ 670,159	\$ 60,000		\$ 210,000	\$ 210,000	\$ 210,000	\$ 1,360,159
	TOTAL	\$ 670,159	\$ 60,000	\$ -	\$ 210,000	\$ 210,000	\$ 210,000	\$ 1,360,159

Location

Map:



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 #: 15842E

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Stormwater Fund	\$ 556,208	\$ 500,000		\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,556,208
	TOTAL	\$ 556,208	\$ 500,000	\$ -	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,556,208

Location Map:



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 #: N/A

Original Funding Year: N/A

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Stormwater Fund		\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000
	TOTAL	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000

Location Map:



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 #: 18401E
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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Stormwater Fund	\$ 250,000		\$ -	\$ -	\$ -	\$ -	\$ 250,000
	TOTAL	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000

Location Map:

No map; plan update

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 #: N/A

Original Funding Year: N/A

General Plan Element Goals: I-9

Project Title: Joint Watershed Project: Hermosa Greenbelt

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; however, due to our watershed our storm water flows into a portion of Hermosa Beach.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Stormwater Fund	\$ -	\$ -	\$ 500,000		\$ -	\$ -	\$ 500,000
	TOTAL	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000

Location

Map:

No map; along Hermosa Beach's Greenbelt only

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 #: N/A

Original Funding Year: N/A

General Plan Element Goals: LU-3, LU-4, I-9, I-12, HE-3, & CS-1

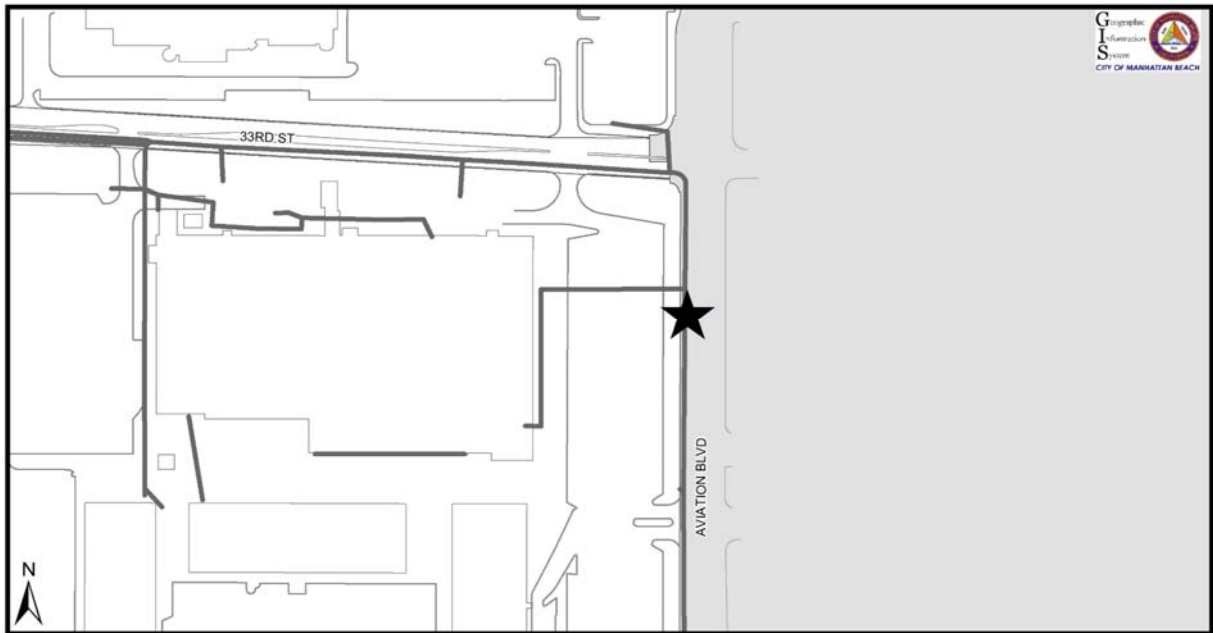
Project Title: Manhattan Village Trash Capture Device (reallocated from Refuse)

Description: Trash and sediment capture device installation for street and site runoff from Manhattan Village and surrounding areas.

Justification: The hydrodynamic separator device uses swirl concentration and continuous deflective separation to screen, separate and trap trash, debris, sediment, and hydrocarbons. The separator captures and retains almost 100% of floatables and neutrally buoyant debris, effectively removes sediment.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Stormwater Fund			\$ 710,000				\$ 710,000
	TOTAL	\$ -	\$ 710,000	\$ -	\$ -	\$ -	\$ -	\$ 710,000

Location Map:



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 #: 17501E (includes 15844E and 16501E)

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Wastewater Fund	\$ 1,648,200	\$ 1,100,000	\$ 1,100,000	\$ 1,100,000	\$ 1,100,000	\$ 1,500,000	\$ 7,548,200
	TOTAL	\$ 1,648,200	\$ 1,100,000	\$ 1,100,000	\$ 1,100,000	\$ 1,100,000	\$ 1,500,000	\$ 7,548,200

Location Map:



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 #: 15843E

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.

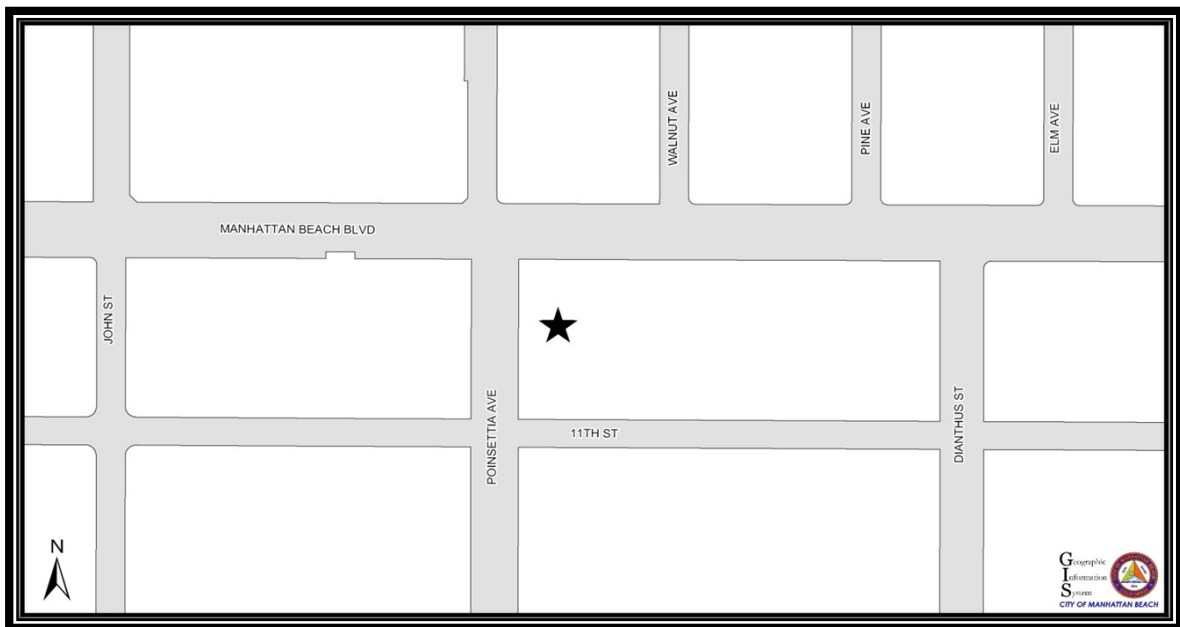
Justification: The Poinsettia Sewage Lift Station has the smallest wet well capacity of any of the City's lift stations. It has only 394 gallons and 4.7 minutes of emergency storage at the peak wet weather flow rate of 85 gpm. Emergency storage for a regular dry day during the morning peak is only 8 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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Wastewater Fund	\$ 3,297,480	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,297,480
	TOTAL	\$ 3,297,480	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,297,480

Location Map:



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: Pacific Lift Station Upgrade, Emergency Storage, and Force Main Replacement

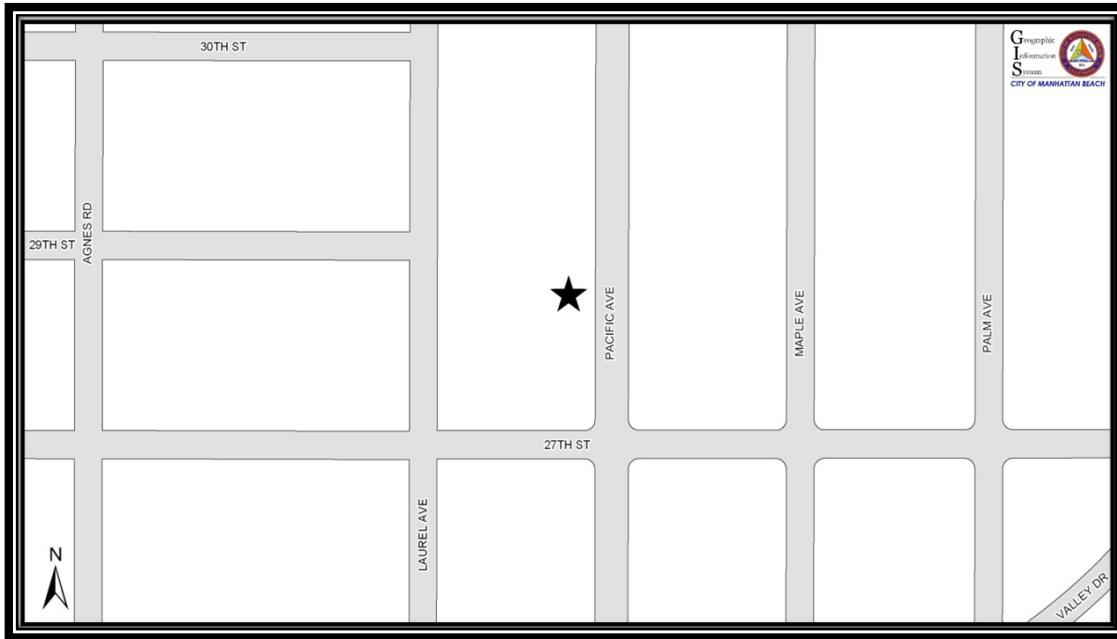
Description: Improvement of the Pacific Avenue Sewage Lift Station and installation of a second force main.

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Wastewater Fund	\$ 2,400,000						\$ 2,400,000
	TOTAL	\$ 2,400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,400,000

Location Map:



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 (Wastewater & Water)

Carryover Project #: 11838E (WW) and 11834E (Water)

Original Funding Year: 2010-11

General Plan Element Goals:

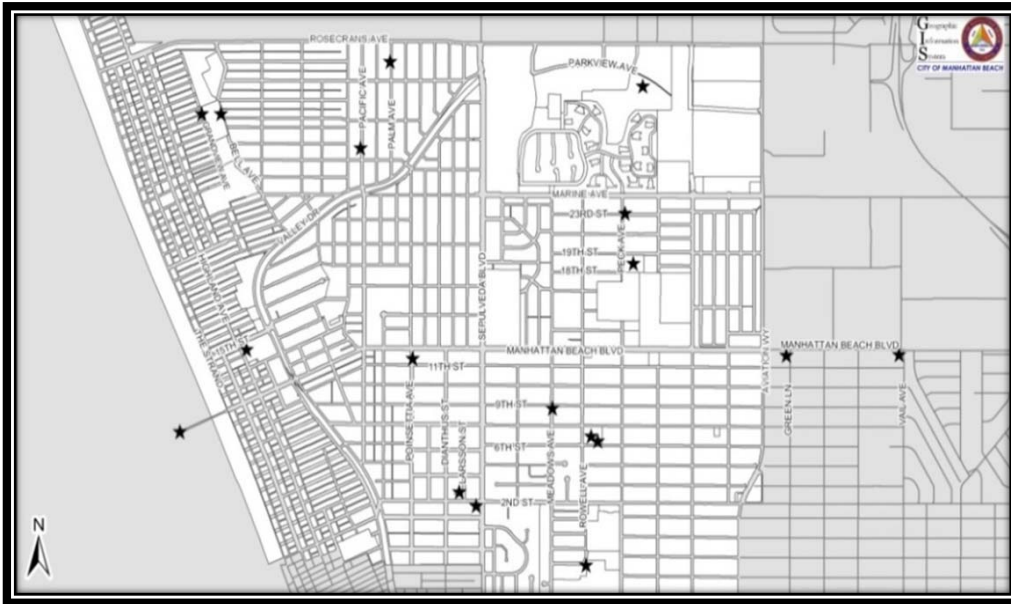
Project Title: Utility Telemetry

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Wastewater Fund	\$ 75,609	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,609
	Water Fund	\$ 215,395	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 215,395
	TOTAL	\$ 291,004	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 291,004

Location Map:



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: Voorhees Lift Station Upgrade, Emergency Storage, and Force Main Replacement

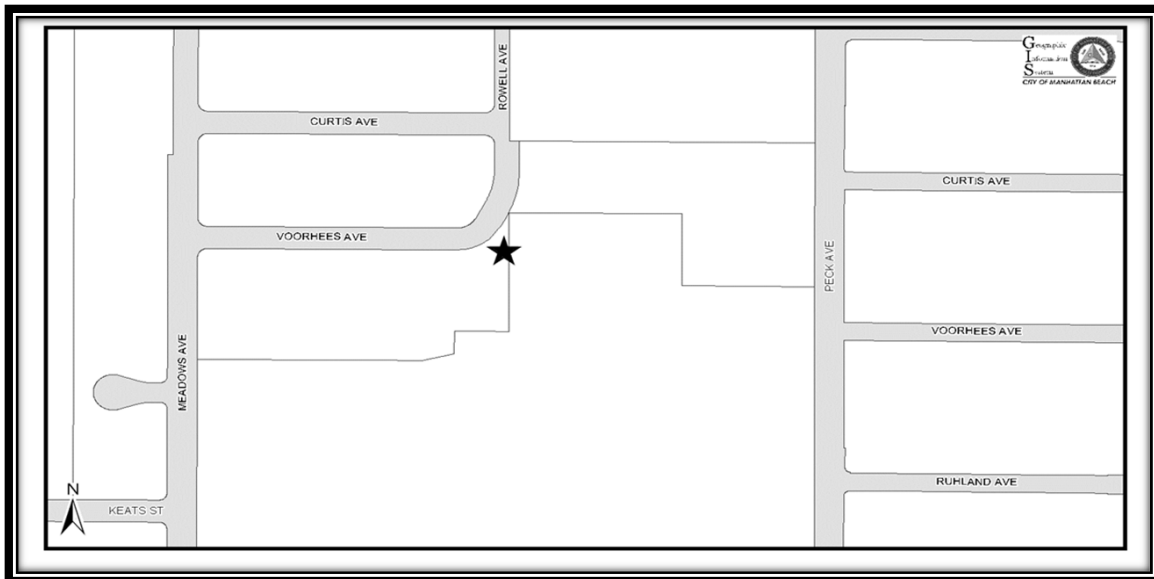
Description: Improvement of the Voorhees Sewage Lift Station and installation of a second force main.

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Wastewater Fund	\$ -	\$ 2,150,000	\$ -				\$ 2,150,000
	TOTAL	\$ -	\$ 2,150,000	\$ -	\$ -	\$ -	\$ -	\$ 2,150,000

Location Map:



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.

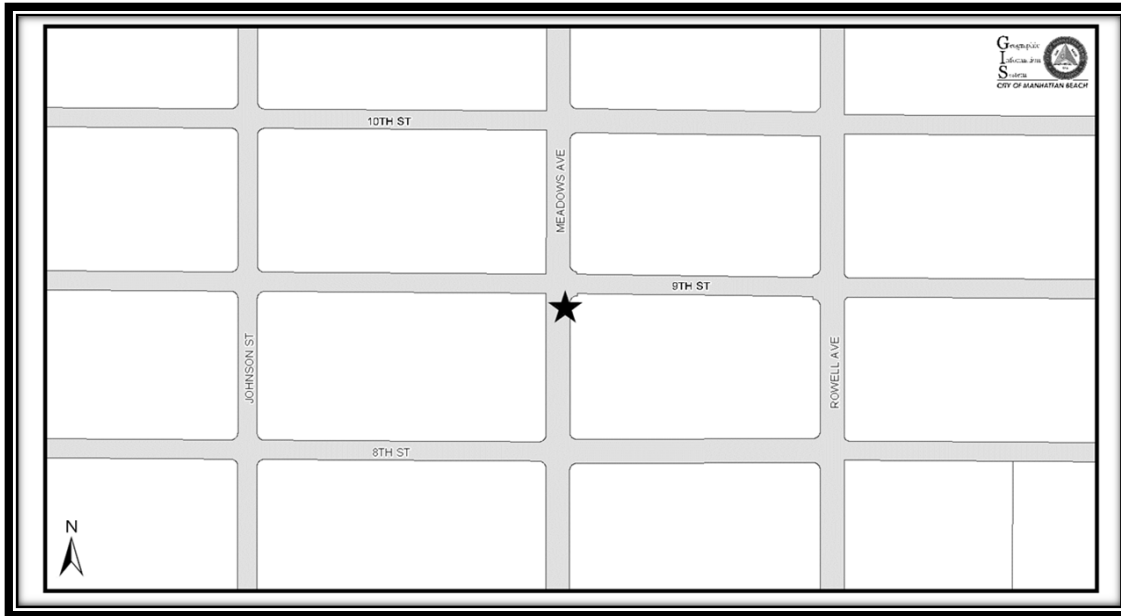
Justification: The Meadows Lift Station is located on Meadows Avenue immediately south of 9th Street. The current station could not pump at the needed rate if one of the two pumps fail or is taken out of service for maintenance. Additionally, there is insufficient storage at the station. This project 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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
Wastewater Fund	\$ -	\$ -	\$ 1,600,000	\$ -		\$ -	\$ 1,600,000
TOTAL	\$ -	\$ -	\$ 1,600,000	\$ -	\$ -	\$ -	\$ 1,600,000

Location Map:



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: 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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Wastewater Fund	\$ -	\$ -	\$ 300,000		\$ -	\$ -	\$ 300,000
	TOTAL	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ 300,000

Location Map:

No map; plan update

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

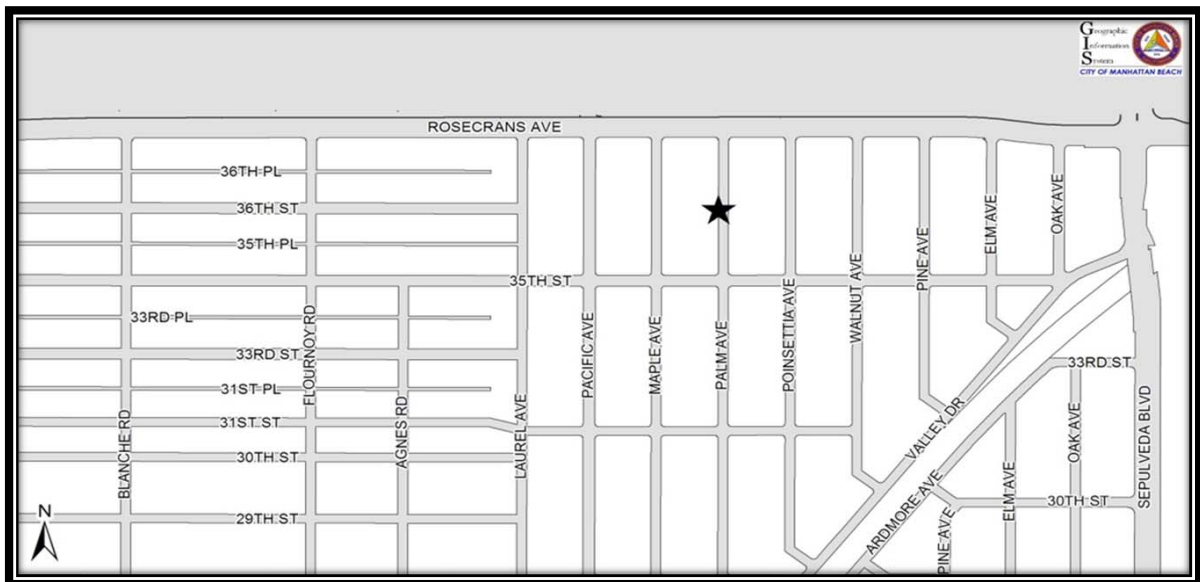
Project Title: Palm Lift Station Upgrade, Emergency Storage, and Force Main Replacement

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Wastewater Fund	\$ -	\$ -	\$ -	\$ 1,400,000	\$ -		\$ 1,400,000
	TOTAL	\$ -	\$ -	\$ -	\$ 1,400,000	\$ -	\$ -	\$ 1,400,000

Location Map:



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

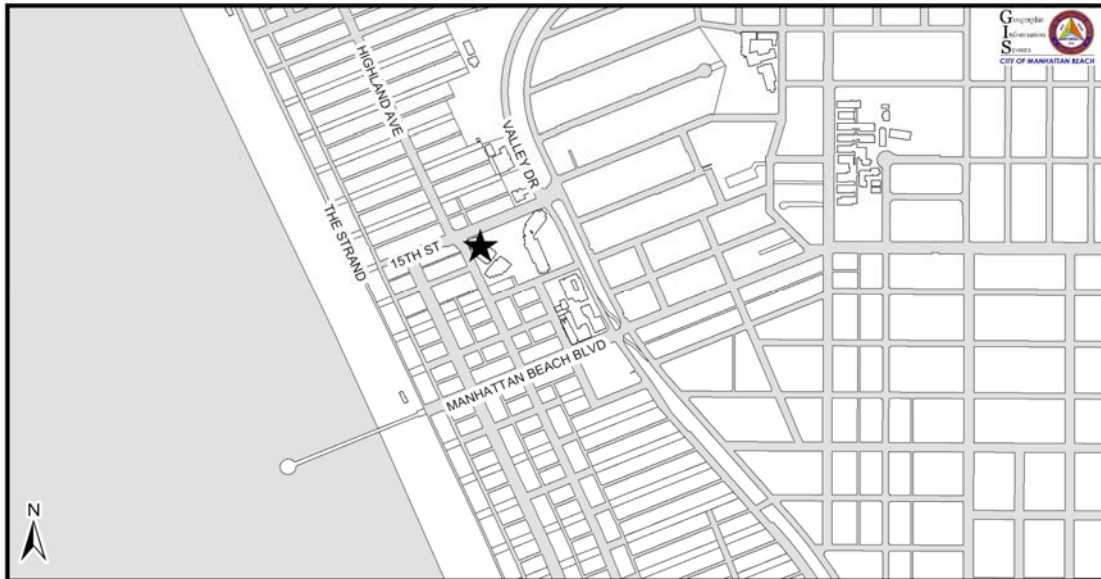
Project Title: City Hall Lift Station Upgrade, Emergency Storage, and Force Main Replacement

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Wastewater Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000
	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000

Location Map:



Category:

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

Funding Source: Refuse Fund

Carryover Project #: 15845E

Original Funding Year: 2014-15

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

Project Title: City-Owned Refuse Enclosure Improvements: Design

Description: Design 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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Refuse Fund	\$ 150,000	\$ 650,000	\$ -	\$ -	\$ -	\$ -	\$ 800,000
	TOTAL	\$ 150,000	\$ 650,000	\$ -	\$ -	\$ -	\$ -	\$ 800,000

Location Map:



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 #: 18701E

Original Funding Year: 2017-18

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

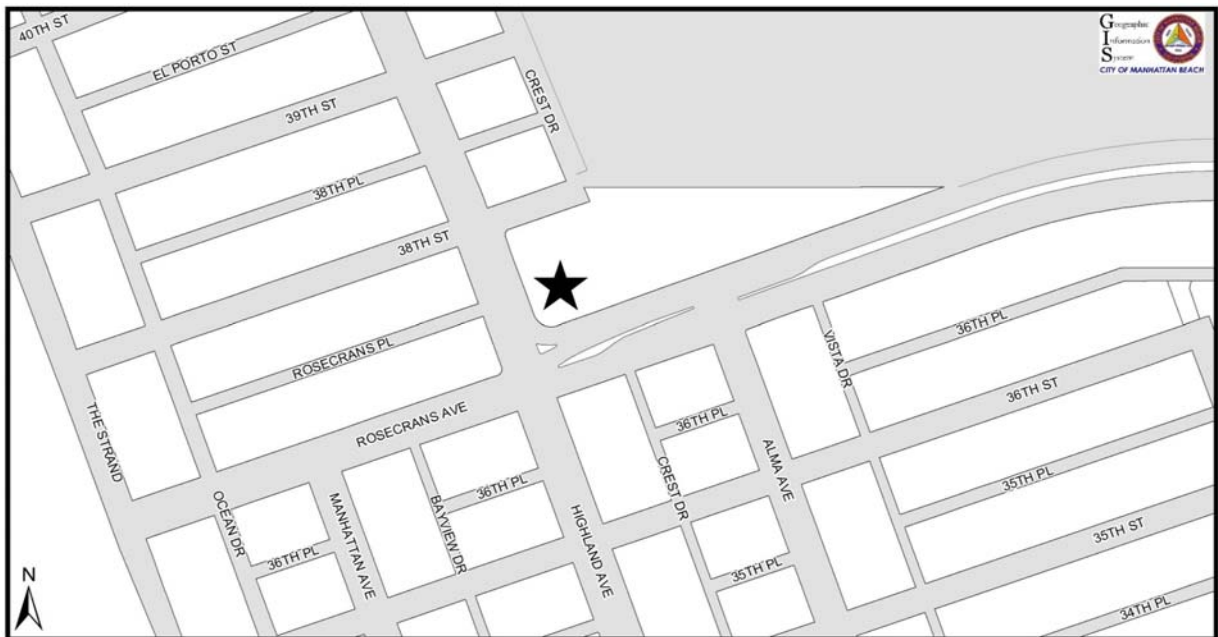
Project Title: Parking Structure Structural Rehab: Lot 4

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Parking Fund	\$ 480,250	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 730,250
	TOTAL	\$ 480,250	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 730,250

Location Map:



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

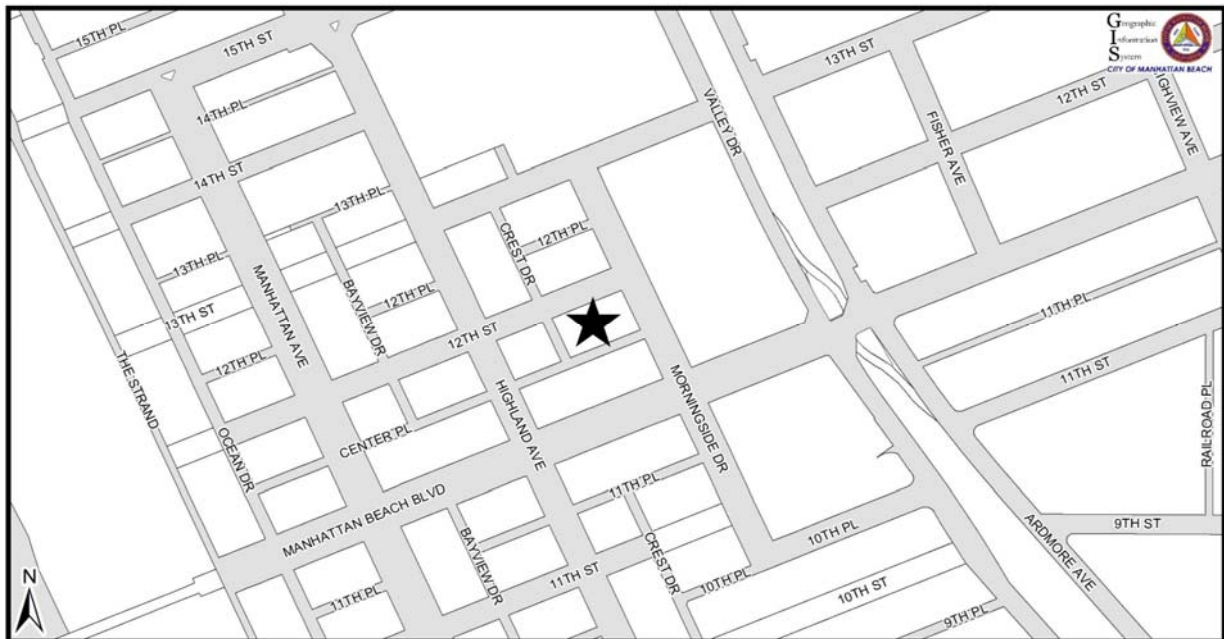
Project Title: Parking Structure Structural Analysis/Design: Lot 3

Description: 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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Parking Fund		\$ -	\$ -	\$ -	\$ 150,000	\$ 800,000	\$ 950,000
	TOTAL		\$ -	\$ -	\$ -	\$ 150,000	\$ 800,000	\$ 950,000

Location Map:



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: I-3, I-4, I-11

Project Title: Parking Meter Upgrades

Description: Replacement and upgrade of the current parking meters citywide.

Justification: The current meters have reached their useful life and require replacement. The new meters will sync with a mobile app, allowing the community to view available meters and their locations.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Parking Fund		\$ 1,400,000	\$ -	\$ -			\$ 1,400,000
	TOTAL	\$ -	\$ 1,400,000	\$ -	\$ -	\$ -	\$ -	\$ 1,400,000

Location Map:



Category:

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

Funding Source: NMB-BID Fund
Carryover Project #: N/A
Original Funding Year: N/A
General Plan Element Goals: LU-9

Project Title: Tree and Grate Installations (North Manhattan Beach - Business Improvement District Fund)

Description: Install new trees and grates in North Manhattan Beach in the Business Improvement District.

Justification: The North Manhattan Beach - Business Improvement District is using some of its funds for this improvement project. Tree grates would essentially widen the walking pathway.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	NMB-BID Fund		\$ 200,000					\$ 200,000
	TOTAL	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000

Location Map:

No map; locations to be determined

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 #: 17801E
Original Funding Year: 2016-17
General Plan Element Goals: CR-1

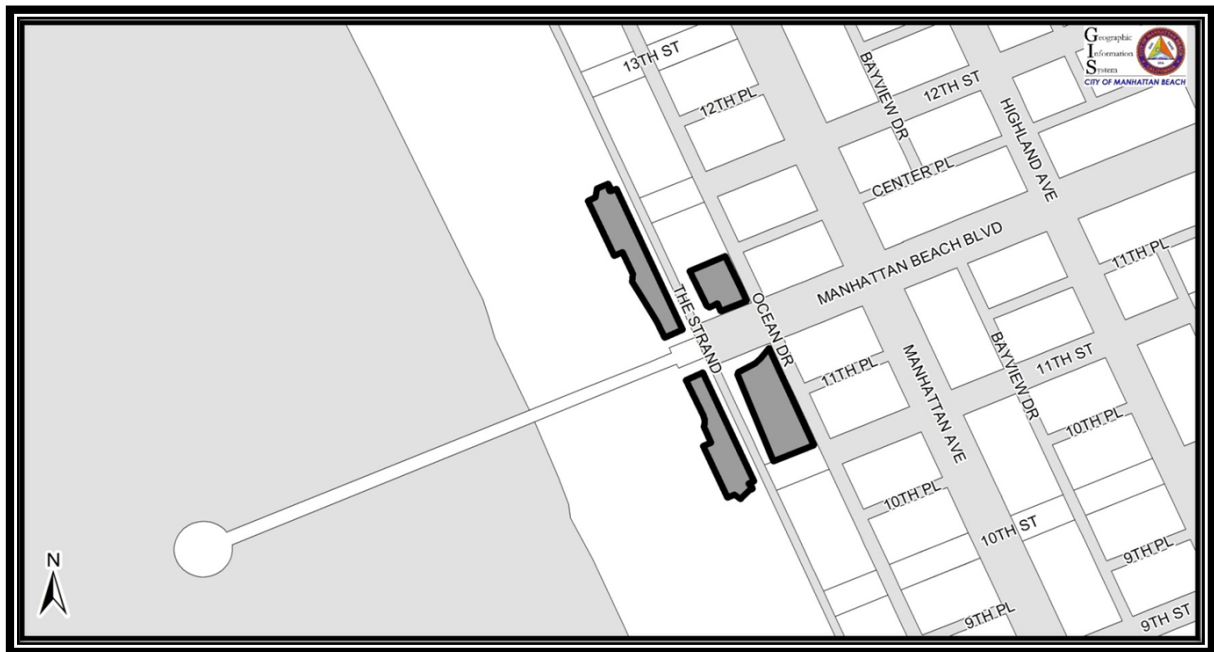
Project Title: Pier Lot Safety Lighting

Description: Design and construct parking lot lighting in the Upper and Lower Pier lots.

Justification: There are no lighting fixtures in the upper and lower pier parking lots. the only illumination comes from adjacent street lights. The low lighting levels make it difficult to read the parking meters and see pedestrians when entering/exiting parking spaces. Higher lighting levels improve personal safety, and lower crime rates. A parking lot user informed the City about the low lighting levels when the person had difficulty reading the parking meter at night.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Parking Fund	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000
	TOTAL	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000

Location Map:



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 #: 19801E
Original Funding Year: 2018-19
General Plan Element Goals: CR-1

Project Title: Pier Railings: Design

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):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	State Pier Fund	\$ 200,000	\$ -	\$ -	\$ -	\$ -		\$ 200,000
	TOTAL	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000

Location Map:

