

City Council Adjourned Regular Meeting

CIP Study Session
Tuesday, April 9, 2019
6:00 PM
City Council Chambers



Mayor Steve Napolitano
Mayor Pro Tem Nancy Hersman
Councilmember Richard Montgomery
Councilmember Suzanne Hadley
Councilmember Hildy Stern

Executive Team

Bruce Moe, City Manager
Quinn Barrow, City Attorney

Derrick Abell, Police Chief
Steve Charelian, Finance Director
Daryn Drum, Fire Chief
Lisa Jenkins, Human Resources Director
Stephanie Katsouleas, Public Works Director

Mark Leyman, Parks and Recreation Director
Anne McIntosh, Community Development Director
Liza Tamura, City Clerk
Sanford Taylor, Information Technology Director

MISSION STATEMENT:

**Our mission is to provide excellent municipal services,
preserve our small beach town character, and enhance the quality of life for our
residents, businesses and visitors.**

MANHATTAN BEACH'S CITY COUNCIL WELCOMES YOU!

Your presence and participation contribute to good city government.

By your presence in the City Council Chambers, you are participating in the process of representative government. To encourage that participation, this agenda provides an early opportunity for public comments under "Public Comments," at which time speakers may comment on any matter within the subject matter jurisdiction of the City Council, including items on the agenda.

Copies of staff reports or other written documentation relating to each item of business referred to on this agenda are available for review on the City's website at www.citymb.info, the Police Department located at 420 15th Street, and are also on file in the Office of the City Clerk for public inspection. Any person who has any question concerning any agenda item may call the City Clerk's office at (310) 802-5056.

Meetings are broadcast live through Manhattan Beach Local Community Cable, Channel 8 (Chapter Spectrum), Channel 35 (Frontier Communications), and live streaming via the City's website.

In compliance with the Americans With Disabilities Act, if you need special assistance to participate in this meeting, you should contact the Office of the City Clerk at (310) 802-5056 (voice) or (310) 546-3501 (TDD). The City also provides closed captioning of all its Regular City Council Meetings for the hearing impaired.

CERTIFICATION OF MEETING NOTICE AND AGENDA POSTING

I, Liza Tamura, City Clerk of the City of Manhattan Beach, California, state under penalty of perjury that this notice/agenda was posted on Wednesday, April 3, 2019, on the City's Website and on the bulletin boards of City Hall, Joslyn Community Center and Manhattan Heights.

BELOW ARE THE AGENDA ITEMS TO BE CONSIDERED.

A. CALL MEETING TO ORDER

B. PLEDGE TO THE FLAG

C. ROLL CALL

D. PUBLIC COMMENTS (3 MINUTES PER PERSON)

Speakers may provide public comments on any matter that is within the subject matter jurisdiction of the City Council, including items on the agenda. The Mayor may determine whether an item is within the subject matter jurisdiction of the City Council. While all comments are welcome, the Brown Act does not allow City Council to take action on any item not on the agenda. Each speaker may speak for up to 3 minutes.

Please complete the "Request to Address the City Council" card by filling out your name, city of residence, the item(s) you would like to offer public comment, and returning it to the City Clerk.

E. GENERAL BUSINESS

1. Presentation of the Proposed 5-Year Capital Improvement Program (CIP) for Fiscal Year 2019-2020 Through Fiscal Year 2023-2024 (Public Works Director Katsouleas).

[19-0191](#)**APPROVE**

Attachments: [Proposed 5-Year CIP](#)
[Unfunded Project List](#)
[CIP Projects \(Keep/Relocate\)](#)
[Fiscal Year 2019-2020 and 2023-2024 Project Summary Sheets](#)
[PowerPoint Presentation](#)

F. ADJOURNMENT

Agenda Date: 4/9/2019

TO:

Honorable Mayor and Members of the City Council

THROUGH:

Bruce Moe, City Manager

FROM:

Stephanie Katsouleas Public Works Director
Steve S. Charelian, Finance Director
Prem Kumar, City Engineer
Anna Luke-Jones, Senior Management Analyst
Libby Bretthauer, Senior Financial Analyst

SUBJECT:

Presentation of the Proposed 5-Year Capital Improvement Program (CIP) for Fiscal Year 2019-2020 Through Fiscal Year 2023-2024 (Public Works Director Katsouleas).

APPROVE

RECOMMENDATION:

Staff recommends that City Council receive a presentation on the Proposed 5-Year Capital Improvement Program (CIP) for FY2019/20 through FY2023/24 and:

- 1) Review the proposed 5-Year CIP projects listed in the attachment;
- 2) Evaluate the merits of each proposed project;
- 3) Make recommendations for those projects on the unfunded list that should be programmed in the 5-Year CIP; and
- 4) Direct staff to revise the 5-Year CIP based on any changes or modifications made by City Council.

EXECUTIVE SUMMARY:

The City of Manhattan Beach is committed to ensuring a well-maintained and up to date physical infrastructure. Indeed, it is a core mission of the City to ensure that its facilities and infrastructure meet the current and future needs of the community it serves. This is achieved by planning for and implementing a robust Capital Improvement Program, one that addresses physical assets throughout the City, including but not limited to streets and other rights-of-way facilities, water and sewer infrastructure, public buildings, parks and open space, and

community amenities.

Every two years, Public Works staff initiates a biennial review of the City's 5-Year CIP and recommends additions, alterations and adjustments based on changing priorities, funding availability, updated information, and community-wide input. The proposed 5-Year CIP is ultimately presented to and reviewed by City Council and, pending any changes, becomes part of the adopted plan and operating budget for two fiscal years.

This report includes an extensive summary of the proposed CIP for FY 2019/20 through FY 2023/24. Projects are grouped by funding sources and include prior, current, and future funding allocations. Lastly, the report highlights which projects are new versus which projects were included in prior year CIP documents, and those projects for which no funding is currently available for implementation within the next five years. In all, there are 126 proposed projects valued at \$131 million and another 54 unfunded projects valued at over \$89 million. City Council will be asked to review and approve the proposed list and to consider which projects on the Unfunded List (attached) should be programmed for implementation over the next five years, while taking into consideration the City's funding limitations.

FISCAL IMPLICATIONS:

The proposed 5-Year CIP includes 126 individual projects totaling \$130,998,900. This includes projects already underway as well as those to be initiated within the next five years. The majority of the proposed expenditures are for projects that were approved in prior years, representing approximately \$82.2 million, while the remaining \$48.8 million represents current and future year projects. Collectively, the proposed 5-Year CIP budget is comprised of:

\$41 million	Streets, Sidewalks and Other Rights-of-Way Projects (ROW)
\$13.5 Million	Building, Park, Pedestrian and Signal Preemption Projects (CIP)
\$46.4 Million	Water Infrastructure Projects
\$5.5 Million	Stormwater Projects
\$20.3 Million	Wastewater Projects
\$4.3 Million	Other Miscellaneous Projects (refuse, parking, pier)

Additionally, the Unfunded Projects list includes 54 projects valued at \$89.5 million and represents facility and infrastructure improvements and replacements, pedestrian access and safety measures, recreational enhancements, security projects, and ROW upgrades. It should be emphasized that current appropriations plus allocations in the 5-Year CIP leave limited Special Revenue and Enterprise Fund balances for emergencies or other priorities.

The City's General Fund will be further discussed during the presentation of the proposed FY 2019-20 Budget during the May 7, 2019, City Council meeting. The General Fund unreserved fund balance will be significantly impacted over the next five years by ongoing operational costs, as well as projected year-end transfers to other funds, including the Stormwater Fund, Street Lighting Fund, and Pension Stabilization Trust Fund. These transfers are expected to total approximately \$9.3 million from FY 2019-20 through FY 2023-24.

BACKGROUND:

The 5-Year 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 on a biennial basis as part of the 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.

As part of the biennial process, City Council will evaluate and approve funding for CIP projects for both FY2019/20 and FY2020/21. Only minor changes to the 5-Year CIP will be expected in FY2020/21, resulting from funding adjustments based on revenues and grants received, new priorities, and/or the addition of new projects with new funding sources.

DISCUSSION:

The 126 projects programmed in the 5-Year CIP are grouped into eight categories based on their funding sources and project eligibility (see Attachment). These categories include:

1. Streets and Sidewalks Projects
2. CIP Fund: City Facilities, Buildings and Parks
3. Water Infrastructure Projects
4. Wastewater Infrastructure Projects
5. Storm Drain Infrastructure Projects
6. Refuse and Solid Waste Collection Projects
7. Parking Facilities Projects
8. State Pier and Lots Projects

5-Year CIP List and Implementation Priorities (FY 2019/20 - FY 2023/24)

The body of this report highlights the 126 new and previously approved projects listed in the proposed 5-Year CIP by funding category. In all, the proposed 5-Year CIP represents nearly \$131 million in projects programmed for implementation over the next five years. It is worth noting that the majority of eight categories listed above have very specific project eligibility criteria, negating the ability to move most projects from one category to another, unless they also meet specific criteria.

The proposed 5-Year CIP also identifies 54 "Unfunded Projects" worth a combined \$89.5 million. Five projects alone are estimated to cost nearly \$60 million, representing 71% of the unfunded demand. They include:

- \$8M Fire Station 2 Construction
- \$18M New Aquatics Facility (Begg Pool)
- \$12M Block 35 Reservoir Replacement
- \$8M Strand Infiltration Project (Stormwater)
- \$13M Replacement of Parking Lot 3

Funding for the majority of these five projects could be generated through Proposition 218 increases in user fees (e.g., water, stormwater) and/or by successfully securing grant awards that may become available (e.g., Measure W).

A complete list of the proposed 5-Year CIP projects and their recommended funding sources is

included as an Attachment. Those projects that were identified in the previous 5-Year CIP are listed in black, existing projects that have been modified are listed in blue, and those projects that have been added since adoption of the FY 2018/19 budget are listed in red.

Streets, Sidewalks and ROW **\$40,996,784** **34 Projects**

This category of projects primarily addresses the rehabilitation, improvement and/or enhancement needs of streets, sidewalks, curbs and gutters. Projects types include street resurfacing, slurry seal applications, replacement of damaged curbs, gutters and sidewalks, intersection and turn movement improvements, capacity enhancements such as lane widening, pedestrian safety projects, and Americans with Disabilities Act (ADA) access improvements. There are four local return funding sources that support projects listed in this category. In addition, there are grant awards for five specific projects listed. Local return funding sources and the corresponding programmed revenues include:

- \$10,995,154 Streets and Highways Fund (i.e., Gas Tax), inclusive of grants from South Bay Highway Program (SBHP) and the federal Highway Safety Improvement Program (HSIP): This fund can be used for a broad array of street-and sidewalk-related projects. Both local and arterial roadway projects are eligible. The Fund also includes the recent voter-affirmed Senate Bill1 tax on gasoline.
- \$23,802,725 Proposition C Fund, inclusive of grants from SBHP and Metro: This fund is limited to arterial and collector transportation corridors and can be used for street rehabilitation, maintenance and access improvements on these corridors.
- \$3,343,905 Measure R Fund: This fund can be used for a broad array of street-and sidewalk-related projects throughout the City. Both local and arterial roadway projects are eligible.
- \$2,855,000 Measure M Fund: This fund can be used for a broad array of street-and sidewalk-related projects throughout the City, as well as stormwater pollution control projects. Both local and arterial roadway projects are eligible.

Staff Recommendation

In addition to continuing implementation of the 16 projects currently underway, staff recommends that City Council approve the remaining 18 projects programmed in the 5-Year CIP. The annual projects listed (i.e., curb/gutter, resurfacing, slurry) will be implemented based on roadway priorities established in the triennial Pavement Management Program report and in conformance with the City’s annual slurry seal cycle. Alternatively, City Council may wish to consider deferring regularly scheduled annual programs and instead redirect funding to qualifying projects on Unfunded Projects list under Streets and ROW.

CIP Fund **\$13,503,478** **36 Projects**

This category of projects addresses all of the projects that do not typically qualify for funding from the seven other groups listed herein. The CIP Fund is generated from a combination of

dedicated General Fund revenues, including transient occupancy tax (TOT), parking citations and parking meter revenues, and is used to support building and other facility improvements, park facility upgrades, studies and master plans, landscaping enhancements, signage, and other right-of-way and public property improvements. The CIP Fund list also includes \$1,875,000 in grants and special project funds from the Public Art Trust Fund, Community Development Block Grant (CDBG) program and Streetlight Fund.

Staff Recommendation

In addition to continuing implementation of the 10 projects currently underway, staff recommends that City Council review the 26 projects programmed but yet to be initiated and provide direction on whether to keep them in the 5-Year CIP or instead reallocate funding to any of the projects on the Unfunded Projects list (see also Attachment: CIP Projects - Keep or Reallocate?).

There is also an additional \$880,000 that can be allocated to projects over the next five years for projects that have yet to be programmed.

Water Fund **\$46,380,732** **22 Projects**

This category of projects addresses the infrastructure needs, operations and maintenance of the City's water system, and includes water main and valve replacements, pump station refurbishments, reservoir maintenance and/or replacement, well pumping and treatment activities, meter upgrades and automation, and all studies and master plans. The projects in this category are fully funded through the Water Enterprise Fund using revenues collected through fixed and variable water rates. The most significant water project is the replacement of Peck Reservoir, which accounts for approximately half of the total funding allocation over the next five years.

Staff Recommendation

In addition to continuing implementation of the six projects currently underway, staff recommends that City Council approve the remaining 16 programmed projects as presented. The two water-related items on the Unfunded Projects list should be deferred until Peck Reservoir construction is completed (by the end of FY 2021/22).

Stormwater Fund **\$5,526,367** **13 Projects**

This category of projects addresses the infrastructure needs for both stormwater conveyance and national pollution discharge elimination system (NPDES) compliance requirements. Projects include storm drain repairs and upgrades, capacity enhancements, trash capture devices, stormwater master plans and enhanced watershed management plan (EWMP) infrastructure needs (e.g., infiltration projects). The Stormwater Fund is supported by a combination of stormwater assessment fees and transfers from the General Fund, and will soon include local returns from Measure W in 2020.

There are two notable projects in this category:

- The Stormwater Masterplan, which will help guide future plans for upgrading the system to address deficiencies in pipe diameter and pumping capacity.
- The Joint Watershed Project, which is a regional stormwater infiltration project in

Hermosa Beach in partnership with Redondo Beach and Torrance.

Additionally, staff is exploring the feasibility of a large infiltration project along the Strand, which would capture a significant amount of Manhattan Beach's flows that is currently discharged directly into the ocean. Staff has included a placeholder of \$8 million on the Unfunded Projects list, although the actual amount has yet to be determined. Staff will also be applying for a Measure W grant now that a significant amount of grant funding will soon become available in 2020.

Staff Recommendation

In addition to continuing implementation of the one project currently underway, staff recommends that City Council approve the remaining 12 programmed projects as presented. The two stormwater-related items on the Unfunded Projects list can be deferred pending the upcoming allocation of Measure W local returns, an application to be submitted to the Measure W grant program, and review of the City's current stormwater assessment fees.

Wastewater Fund **\$20,271,289** **14 Projects**

This category of projects addresses the infrastructure needs, operation, and maintenance of the City's wastewater system and includes sewer main replacements, lift station refurbishments, radio telemetry, and all required studies and master plans. The projects in this category are fully funded through the Wastewater Enterprise Fund using revenues collected through sewer fees.

One third of the projects listed address sewer main replacements and repairs, and another third address lift stations upgrades. Lift stations are the backbone of an otherwise gravity flow system, and their proper care is paramount to the safety and effective operation of the entire wastewater system.

Staff Recommendation

In addition to continuing implementation of the three projects currently underway, staff recommends that City Council approve the remaining 11 programmed projects as presented. Staff prioritize sewer infrastructure repairs and replacements based on the age and condition of the pipes, useful life of operational equipment, and where known problem areas exist. There are no projects identified on the Unfunded Projects list.

Refuse Fund **\$800,000** **1 Project**

There is only one project listed in this category for \$800,000, which represents retrofitting up to 18 locations at City facilities where trash enclosures need to be covered and connected to the sanitary sewer system.

Staff Recommendation

Staff recommends that City Council approve this project as programmed. There are no projects identified on the Unfunded Projects list.

Parking Fund **\$3,280,250** **4 Projects**

This category of projects addresses the maintenance, repair, and rehabilitation of City-owned and managed public parking lots and their surrounding landscaped areas, including Metlox and

three other downtown parking structures, the North Manhattan Beach parking structure and streetscape, and several beach parking lots owned by Los Angeles County. Funding for projects in this category is generated by meter fees collected at parking lots and curbside parking meters.

A structural review of Parking Lot 3 is scheduled for FY 2022/23, with a placeholder of \$800,000 in FY 2023/24 for repairs based on that review. Staff has also included \$13,000,000 on the Unfunded Projects list should the structural review indicate Lot 3 should be replaced. Significant additional funding would be needed for construction of any new parking lot.

Staff Recommendation

In addition to continuing implementation of the one project currently underway, staff recommends that City Council approve the remaining three programmed projects as presented. Although there is insufficient funding for the Parking Meter Replacement project until FY 2020/21, staff will present an alternative funding strategy for advancing that project later this year. Of the three items on the Unfunded Projects list, staff will also recommend later this year that the Intelligent Parking System be advanced and included with the roll out of new parking meters.

State Pier and Lot Fund **\$240,000** **2 Projects**

This category of projects addresses the maintenance, repair and rehabilitation of state-owned upper and lower Pier parking lots as well as the Manhattan Beach Pier itself. Eligible projects include building upgrades to the Pier's Roundhouse, replacement and/or repair of the railing system, lighting, restrooms and deck, and installation of public safety devices. Funding for projects in this category come from the meter fees collected by visitors and patrons utilizing the upper and lower Pier parking lots. Notably, staff has initiated design efforts to replace the entire length of Pier's railing. The current rails were installed in the 1980s and are now beyond repair due to extensive corrosion.

Staff Recommendation

Staff recommends that City Council continue implementation of the two projects currently underway. There are no other projects programmed in this category because the anticipated cost of replacing the Pier railings exceeds the revenues that will be available over the next five years. Once the Pier railing design is completed and probable costs are known, staff will present an alternative funding strategy for advancing that project in FY 2019/20. In the interim, a placeholder figure of \$1.4 million has been included on the Unfunded Projects list.

Unfunded Projects **\$89,530,250** **54 Projects**

On a biennial basis, Public Works seeks input over a four-month period on the capital infrastructure needs of the City through a variety of outreach avenues, including print and social media, email blasts, public presentations and the City's website. The resulting suggestions and projects submitted represent the projects identified by staff, Council members, commissioners, user groups and the community at large. They are initially added to the Unfunded Projects list for Council consideration during the biennial 5-Year CIP process. Those projects not programmed by City Council remain on the Unfunded Projects list until they are either eventually programmed or removed by City Council. This year's list of Unfunded Projects includes:

- \$7,375,000+ 13 Streets and ROW Projects: Annual signal upgrades, license plate readers, traffic controls, pedestrian enhancements, sidewalk replacement, roadway barriers, and roadway reconstruction. Eligible funding sources include local returns from Gas Tax, Prop C, Measure R, and Measure M, as well potential grants. Projects can also be programmed in outer years of the CIP (FY 2024/25 and beyond) during future CIP budget processes.
- \$10,250,000 8 Building and Facility Projects: New construction, building renovations and repairs, security enhancements and an earthquake assessment of City facilities. Eligible funding sources include the CIP Fund and potential grants.
- \$20,725,000 15 Recreation, Parks and Open Space Projects: Construction of a new aquatics facility, renovations and/or repurposing park buildings, fields and equipment, security enhancements, and installation of a bike path on the greenbelt. Funding sources include the CIP Fund, Prop A, grants and bonds.
- \$17,750,000 2 Water Projects: Replacement of Block 35 reservoir once Peck Reservoir is completed, and construction of a new well collection line from Well 11A to Block 35. Both projects are eligible under the Water Enterprise Fund.
- \$10,500,000 6 Stormwater Projects: An infiltration project along the Strand and upsizing stormwater pipes to better handle increased runoff resulting from residential and commercial development. Eligible funding sources include Measure W, the General Fund, grants and bonds.
- \$14,050,000 3 Parking Lot Projects: Installing intelligent parking sensors, possibly replacing Lot 3 and replacing the railings at two County lots (El Porto and 26th Street lots). Eligible funding sources include the Parking Lot Fund, General Fund, grants and loans.
- \$1,400,000 1 State Pier and Lot Project: Advancing the replacement of the Pier's railing system earlier than what the State Pier and Lot funding would otherwise allow.
- \$7,480,250+ 6 School District Projects: Repairs and upgrades to joint use facilities such as tennis courts, restrooms and playgrounds, as well as upgrading a public access way between Peck Avenue and the newly constructed gym. Eligible funding sources include the CIP Fund and General Fund.

As mentioned throughout this staff report, Council will closely evaluate the City's overall priorities within each funding category and provide direction on the final list of projects to be programmed. Where there is a lack of financial resources available, Council may wish to consider alternative funding options in deciding whether or not to advance any project. Options could include "swapping" unfunded projects with previously funded projects, raising additional revenues (e.g., Prop 218), General Fund transfers, loans, etc.

Staff Recommendation

The funding and staff resources needed to program these 54 Unfunded Projects far exceed what is available within the next five years. Therefore, staff recommends City Council evaluate the merits of these projects and consider which ones should be programmed in the 5-Year CIP, and where necessary, which previously programmed projects should be removed and instead added to the Unfunded Projects list (see Attachment: CIP Projects - Keep or Reallocate?). It is important to note that the current list of projects programmed in and prior to FY2019/20 still exceeds the staff resources available to implement them all this by the end of FY 2019/20. Therefore, any new priorities will need to be discussed in relation to what is already scheduled for implementation and what staff resources are available.

Staffing Resources and Project Workload

The City of Manhattan Beach has seven full-time, dedicated engineers to implementing the City’s 5-Year CIP. However, the staff resource demand for the 126 projects listed in the 5-Year CIP does not yet align with the annual goals for implementation, although staff is gaining ground in clearing the historic backlog of projects and consolidating projects where possible. Notably however, since June 2017, Council has approved several small and large projects for priority implementation which have impacted the overall process of clearing the backlog. This includes:

- Construction of a new Fire Station 2
- Construction of a new Scout House
- Village Field ADA Access between Parkview and the soccer field
- Roadway safety barriers/bollards
- Strand resurfacing

Considering those projects approved by prior Councils, the projects added since adoption of the last biennial CIP, and the projects ultimately programmed for FY 2019/20, there are still several years-worth of catch-up ahead before the 5-Year CIP will be aligned with the budget and annual programmed workload. Staff estimates that the backlog of capital projects will be cleared by the end of 2021/22 under the current framework if no additional, significant projects are programmed for implementation prior to FY 2022/23.

Lastly, it is important to note that per City Council direction, four of the seven engineers on staff are supported by funding sources other than the General Fund. Unless directed by City Council to alter this structure, Public Works will continue to allocate its resources and prioritize the workload according to that structure. The current allocation of the seven full time equivalent (FTE) engineering staff workload is as follows:

<u>FTE</u>	<u>Project Category/Funding Source</u>
1.5	Streets, Sidewalks and ROW
2.0	CIP Fund
1.75	Water Fund
0.25	Stormwater Fund
1.0	Sewer Fund
0.1	Refuse Fund
0.1	Parking Fund
0.3	State Pier and Lot Fund

CONCLUSION:

Individual staff recommendations are provided throughout the staff report under each funding category. Overall, staff seeks direction from City Council on which projects should ultimately be programmed in the FY 2019/20 - 2023/24 5-Year CIP and whether staff should begin to investigate/evaluate possible revenue opportunities that would help offset the significant CIP funding shortfall for the City's 54 Unfunded Projects.

PUBLIC OUTREACH:

As mentioned above, 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

Lastly, notice of this City Council meeting was advertised twice in the Beach Reporter.

ENVIRONMENTAL REVIEW:

The City has reviewed the proposed activity for compliance with the California Environmental Quality Act (CEQA) and has determined that the activity is not a "Project" as defined under Section 15378 of the State CEQA Guidelines; therefore, pursuant to Section 15060(c)(3) of the State CEQA Guidelines the activity is not subject to CEQA. Thus, no environmental review is necessary.

LEGAL REVIEW:

The City Attorney has reviewed this report and determined that no additional legal analysis is necessary.

ATTACHMENTS:

1. Proposed 5-Year CIP
2. Unfunded Projects List
3. CIP Projects (Keep/Reallocate)
4. Fiscal Year 2019-2020 and 2023-2024 Project Summary Sheets
5. PowerPoint Presentation

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	7,638,478	2,065,000	785,000	885,000	1,065,000	1,065,000	13,503,478
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	2,100,000	2,000,000	20,271,289
Refuse Fund	150,000	650,000	-	-	-	-	800,000
Parking Fund	480,250	450,000	1,400,000	-	150,000	800,000	3,280,250
State Pier & Lot Fund	240,000	-	-	-	-	-	240,000
	\$82,213,900	\$10,845,000	\$11,595,000	\$8,195,000	\$9,025,000	\$9,125,000	\$130,998,900

Unfunded Projects	Estimated Unfunded Projects Cost	TOTAL Unfunded
	\$89,530,250	\$89,530,250

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	\$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	\$2,826,003
Streets-Pavement Projects							
4	Annual Slurry Seal Program	\$1,155,000	-	\$585,000	\$385,000	\$385,000	\$2,895,000
5	Annual Street Resurfacing Program	375,000	500,000	-	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	\$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	\$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	Sepulveda Intersection Improvements - Cedar/Marine only	985,440	-	-	-	-	\$985,440
	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	-	\$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	-	\$2,855,000
	Measure M Total	\$335,000	\$480,000	\$640,000	\$600,000	-	\$2,855,000

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		
CIP Fund								
Facilities Projects								
28	Facility Improvements	\$1,880,481	\$830,000	\$650,000	\$650,000	\$830,000	\$830,000	\$5,670,481
29	Streetlight LED Retrofit	381,189	-	-	-	-	-	\$381,189
30	Marine Ave. Park Baseball Field Synthetic Turf	441,902	-	-	-	-	-	
31	City Hall 1st & 2nd Floor Restroom Remodel	476,550	-	-	-	-	-	\$476,550
32	Mariposa Fitness Station	217,500	-	-	-	-	-	\$217,500
33	Village Field Light Fixtures Replacement	39,597	-	-	-	-	-	\$39,597
34-35	Ceramics Studio Upgrades	267,000	-	-	-	-	-	\$267,000
36	City Hall Remodel	42,000	-	-	-	-	-	\$42,000
37	Engineering Division Space Planning	336,023	-	-	-	-	-	\$336,023
38	Fire Station 2 Design Development	777,441	-	-	-	-	-	\$777,441
39	Scout House	550,000	-	-	-	-	-	\$550,000
40	Replacement/Upgrade Fire Station 1 Diesel Exhaust Removal Sys.	30,000	-	-	-	-	-	\$30,000
41	Begg Field Improvements (Lighting, Fencing, etc.)	500,000	-	-	-	-	-	\$500,000
	Facilities Projects Total	\$5,939,683	\$830,000	\$650,000	\$650,000	\$830,000	\$830,000	\$9,287,781
Right-of-Way Projects								
42	Downtown Streetscape Improvements: Traffic Signal Pole Replacem	\$993,050	-	-	-	-	-	\$993,050
43	Traffic Signal Battery Back-Up Installation	110,000	-	-	-	-	-	\$110,000
44	Traffic Signal Preemption Devices	158,282	-	-	-	-	-	\$158,282
45	Sepulveda/Oak Neighborhood Intrusion Study	50,000	-	-	-	-	-	\$50,000
46	Annual Non-Motorized Transport. Program (Bike Ins, Crswlks, etc.)	7,715	100,000	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	-	-	-	-	-	-	-
	Right-of-Way Projects Subtotal	1,398,795	100,000	100,000	100,000	100,000	100,000	1,898,795
Grants and Special Funds Projects								
49	Polliwog Playground Resurfacing & Equip. Replacement (Prop A/CIP)		1,000,000					\$1,000,000
50	Polliwog Band Stage (Public Art Trust Fund)		100,000					\$100,000
51	Village Field Access Ramp Construction (CDBG Funds)	300,000	-	-				\$300,000
52	Annual ADA Improvements Program (CDBG Funds)				100,000	100,000	100,000	\$300,000
53	Annual Streetlight Replacement (Streetlight Fund)		35,000	35,000	35,000	35,000	35,000	\$175,000
	Grants and Special Funds Projects Total	\$300,000	\$1,135,000	\$35,000	\$135,000	\$135,000	\$135,000	\$1,875,000
	CIP Fund Total	\$7,638,478	\$2,065,000	\$785,000	\$885,000	\$1,065,000	\$1,065,000	\$13,061,576

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	
Water Fund								
Water Projects								
54	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
55	Water Meter Upgrade and Automation	5,340,000	-	-	-	-	-	\$5,340,000
56	Block 35 Ground Level Reservoir Replacement (Design Only)	1,200,000	-	-	-	-	-	\$1,200,000
57	Chloramination System at Wells 11 & 15	302,879	-	-	-	-	-	\$302,879
58	Larsson Street Booster Station Improvement	745,500	-	-	-	-	-	\$745,500
59	Paint Block 35 Elevated Tank	841,594	-	-	-	-	-	\$841,594
60	Peck Ground Level Reservoir Replacement	23,110,364	-	-	-	-	-	\$23,110,364
61	Redrill & Equip Well 15	650,000	-	-	-	-	-	\$650,000
62	Utility Radio Telemetry	215,395	-	-	-	-	-	\$215,395
63	Well 11A Variable Frequency Drive Installation	125,000	-	-	-	-	-	\$125,000
64	Well 15 Electrical Panel Replacement and VFD Installation	300,000	-	-	-	-	-	\$300,000
65	Well Collection Line from Well 11A to Block 35 (Design Only)	700,000	-	-	-	-	-	\$700,000
66	Water Masterplan Update	-	-	300,000	-	-	-	\$300,000
67	Electronics Automation - SCADA, etc.	-	200,000	-	-	-	-	\$200,000
68	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								
69	Storm Drain Debris Collection Devices	\$670,159	\$60,000	-	\$210,000	\$210,000	\$210,000	\$1,360,159
70	Storm Drain Repairs	556,208	500,000	-	500,000	500,000	500,000	\$2,556,208
71	CCTV Storm Drain System	-	150,000	-	-	-	-	\$150,000
72	Stormwater Masterplan Update	250,000	-	-	-	-	-	\$250,000
73	Joint Watershed Project: Hermosa Greenbelt	-	-	500,000	-	-	-	\$500,000
74	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								
75	Annual Rehabilitation of Gravity Sewer Mains	\$1,648,200	\$1,100,000	\$1,100,000	\$1,100,000	\$1,100,000	\$2,000,000	\$8,048,200
76	Poinsettia Sewage Lift Station and Force Main Replacement	3,297,480	-	-	-	-	-	\$3,297,480
77	Pacific Lift Station Upgrade	2,400,000	-	-	-	-	-	\$2,400,000
78	Utility Radio Telemetry	75,609	-	-	-	-	-	\$75,609
79	Voorhees Lift Station Upgrade	-	2,150,000	-	-	-	-	\$2,150,000
80	Meadows Lift Station Upgrade	-	-	1,600,000	-	-	-	\$1,600,000
81	Wastewater Master Plan Update	-	-	300,000	-	-	-	\$300,000
82	Palm Lift Station Upgrade	-	-	-	1,400,000	-	-	\$1,400,000
83	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	\$2,100,000	\$2,000,000	\$20,271,289
Wastewater Total		\$7,421,289	\$3,250,000	\$3,000,000	\$2,500,000	\$2,100,000	\$2,000,000	\$20,271,289
Refuse Fund								
Facilities Projects								
84	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								
85	Parking Structure Structural Rehab: Lot 4	480,250	250,000	-	-	-	-	\$730,250
86	Parking Structure Structural Analysis/Design: Lot 3	-	-	-	150,000	800,000	-	\$950,000
87	Parking Meter Upgrades	-	-	1,400,000	-	-	-	\$1,400,000
88	Tree and Grate Installations (NMB-BID Fund)	-	200,000	-	-	-	-	\$200,000
Parking Projects Total		\$480,250	\$450,000	\$1,400,000	-	\$150,000	\$800,000	\$3,280,250
Parking Total		\$480,250	\$450,000	\$1,400,000	-	\$150,000	\$800,000	\$3,280,250
State Pier & Lot Fund								
Facilities Projects								
Facilities Projects Total		-	-	-	-	-	-	-
Parking Projects								
89	Pier Lot Safety Lighting	\$40,000	-	-	-	-	-	\$40,000
90	Pier Railings - Design	200,000	-	-	-	-	-	\$200,000
Parking Projects Total		\$240,000	-	-	-	-	-	\$240,000
State Pier & Lot Fund Total		\$240,000	-	-	-	-	-	\$240,000

FY 2019/20 - FY 2023/24 Unfunded Projects List

Prjct Sheet Pg. No.	Funding Amount and Source	Gas Tax	Prop C	Measure R	Measure M	CIP Fund	Water	Storm Water	Parking	Pier	Grants	Prop A	SBHP	Trust Funds
Streets and ROW Projects														
91	Annual Traffic Signal Upgrades/Replacements @ \$700/yr	3,500,000	x	x	x	x	x							
92	Licence Plate Readers and Poles	150,000				x								
93	El Porto Traffic Controls	Unknown	x	x		x	x							
94	Pedestrian Crossing - 13th St. and Valley Dr.	300,000	x	x		x								
95	Pedestrian Crossing - MBB/Polliwog Midblock	250,000	x	x		x								
96	Downtown Sidewalk and Crosswalk Replacement	2,000,000	x			x								
97	Install Tree Grates on Highland Ave.	225,000												x
98	Begg Pool Access Road - Widen and New Retaining Wall	500,000				x								
99	Replace three pairs of Banner Poles across streets	450,000				x								
Streets and ROW Projects Total		\$7,375,000												
Buildings and Facilities Projects														
100	Fire Station 2 Construction	8,000,000				x								
101	Scout House Construction	450,000				x								
102	Historic House Interior/Exterior Repairs	200,000				x								
103	Joslyn Center Exterior Upgrades	500,000				x								
104	City Hall Interior Façade Improvements	100,000				x								
105	Historic Documents Repository	250,000				x								
106	City Hall Security Cameras	250,000				x					x			
107	Earthquake Assessment of City Facilities	500,000				x								
Facilities Projects Total		\$10,250,000												
Recreation, Parks and Open Space Projects														
108	Begg Pool Remodel/Replacements	18,000,000				x							x	
109	Marine Ave Park Older Adult Exercise Equipment	180,000				x							x	
110	Sand Dune Park Building Improvements	1,000,000				x							x	
111	Sand Dune Playground Upgrades	150,000				x							x	
112	Joslyn Center Recreation Upgrades: shuffleboard, tether ball	80,000				x							x	
113	Joslyn Center OASIS Patio and Outside Deck Installation	150,000				x							x	
114	Security Cameras at Parks, Facilities, Fields and Skate Spot	180,000				x					x		x	
115	Bike Path along Veteran's Parkway	600,000			x	x	x						x	
116	Strand Fitness Station Upgrade/Replacement	50,000				x							x	
117	Repair, Upgrade, Standardize Picnic Pad at all parks	160,000				x							x	
118	Downtown Tree Replacement and Irrigation Upgrades (\$35k/yr)	175,000				x								
Parks and Open Space Projects Total		\$20,725,000												
Water Projects														
119	Block 35 Ground Level Reservoir Replacement (Construction)	\$12,000,000					x							
120	Well Collection Line from Well 11A to Block 35 (Construction)	5,750,000					x							
Water Projects Total		\$17,750,000												
Stormwater Projects														
121	Joint Watershed Project: Sand Infiltration at 28th	\$8,000,000						x						
122	Annual Storm Water Pipe Replacement/Upsizing (\$500k/yr)	\$2,500,000						x						
Stormwater Projects Total		\$10,500,000												
Parking Lot Projects														
123	Intelligent Parking Occupancy System (Lots 2, 3, Metlox, Cvc Ctr)	250,000				x			x					
124	Parking Structure Lot 3 Rehab or Replacement	13,000,000				x			x					
125	County Lot Railings - Design and Construction	800,000				x			x					
Parking Structure Projects Total		\$14,050,000												
State Pier and Lot Projects														
126	Pier Railings (Construction)	1,400,000				x				x	x			
State Pier and Lot Projects Total		\$1,400,000												
School District Projects														
127	Playground Resurfacing/Equipment Replacement at Elem. Schls.	6,830,000				x								
128	School District: Retaining Wall at Tennis Court	250,000				x								
129	Restroom Upgrades High School Softball Field	unknown				x								
130	MCHS Pool Resurfacing	150,000				x								
131	MCHS Pool Deck Replacement	250,250				x								
132	Walkway from Peck to the New Gym	unknown				x								
School District Projects Total		\$7,480,250												
Unfunded Projects Total		\$89,530,250												

CIP Projects: Keep or Reallocate?

CIP Fund		Remaining						TOTAL
		Allocation as of 02/28/19 ¹	FY19/20	FY20/21	FY21/22	FY22/23	FY23/24	Five-Year
Previously Appropriated Projects Not Yet Initiated								
1	Facility Improvements	-	\$830,000	\$650,000	\$650,000	\$830,000	\$830,000	\$3,790,000
2	Streetlight LED Retrofit	381,189	-	-	-	-	-	\$381,189
3	Marine Ave. Park Baseball Field Synthetic Turf	441,902	-	-	-	-	-	\$441,902
4	Village Field Light Fixtures Replacement	39,597	-	-	-	-	-	\$39,597
5	Scout House	550,000	-	-	-	-	-	\$550,000
6	Replacement/Upgrade Fire Station 1 Diesel Exhaust Removal Sys.	30,000	-	-	-	-	-	\$30,000
7	Traffic Signal Battery Back-Up Installation	110,000	-	-	-	-	-	\$110,000
8	Traffic Signal Preemption Devices	158,282	-	-	-	-	-	\$158,282
9	Sepulveda/Oak Neighborhood Intrusion Study	50,000	-	-	-	-	-	\$50,000
10	Annual Non-Motorized Transport. Program (Bike Ins, Crswlks, etc.)	-	100,000	100,000	100,000	100,000	100,000	\$500,000
11	Veterans Parkway Pedestrian Access Master Plan	79,748	-	-	-	-	-	\$79,748
12	Begg Field Improvements (Lighting, Fencing, etc.)	500,000	-	-	-	-	-	\$500,000
13	New Funding Available		300,000	150,000	200,000	80,000	150,000	\$880,000
CIP Fund Total		\$2,340,718	\$1,230,000	\$900,000	\$950,000	\$1,010,000	\$1,080,000	\$7,510,718

City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Street & Highways

Carryover Project #: 16108E

Original Funding Year: 2015-16

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

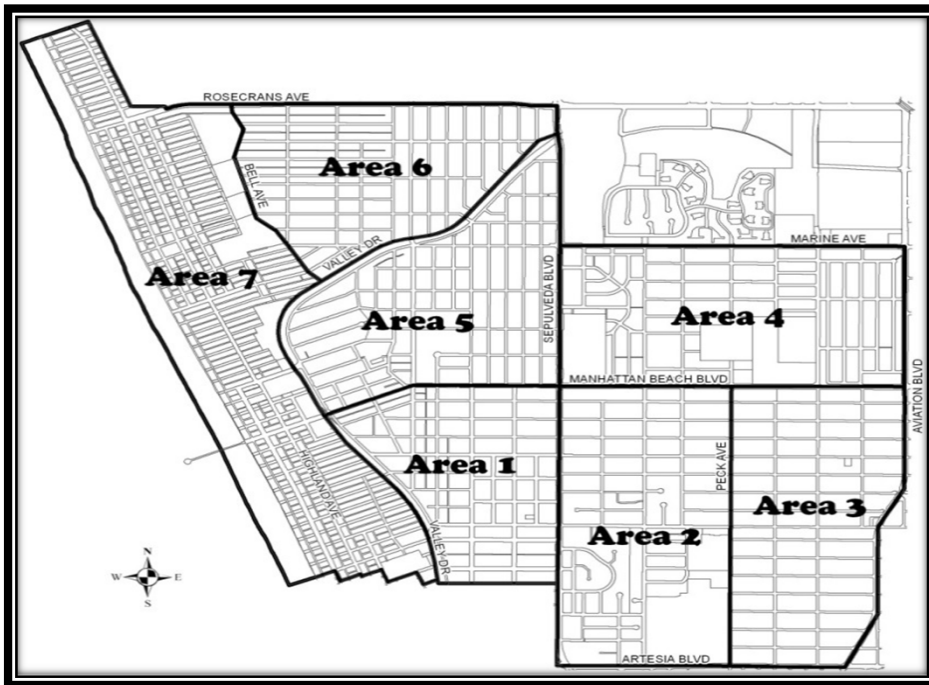
Project Title: Annual Curb, Gutter and Ramp Replacement Project

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Street & Highways

Carryover Project #: 19103e

Original Funding Year: 2018-19

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

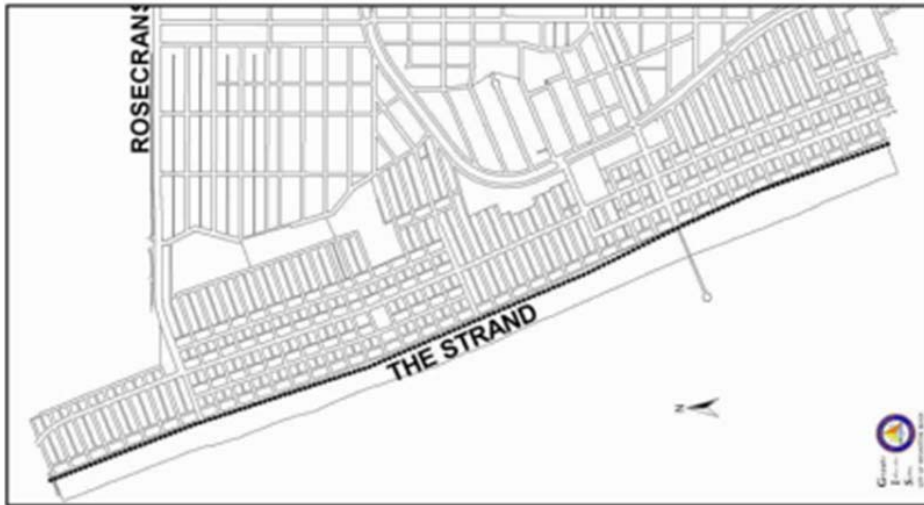
Project Title: The Strand Resurfacing Project

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Street & Highways

Carryover Project #: 19104E

Original Funding Year: 2018-19

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

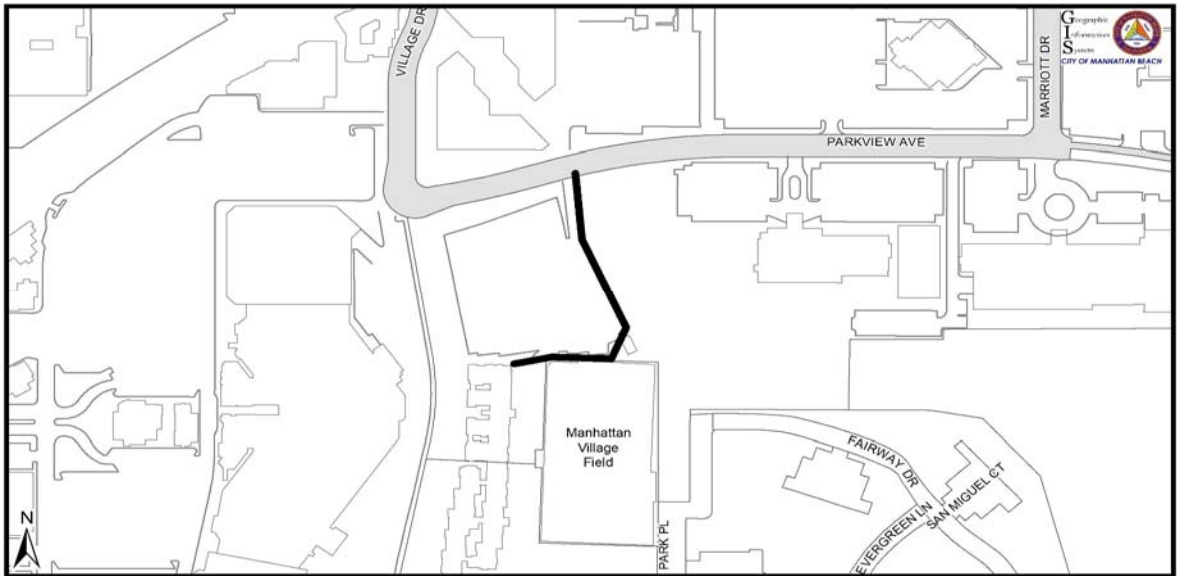
Project Title: Village Field ADA Access: Design

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Street & Highways

Carryover Project #: 16102E

Original Funding Year: 2015-16

General Plan Element Goals: I-1

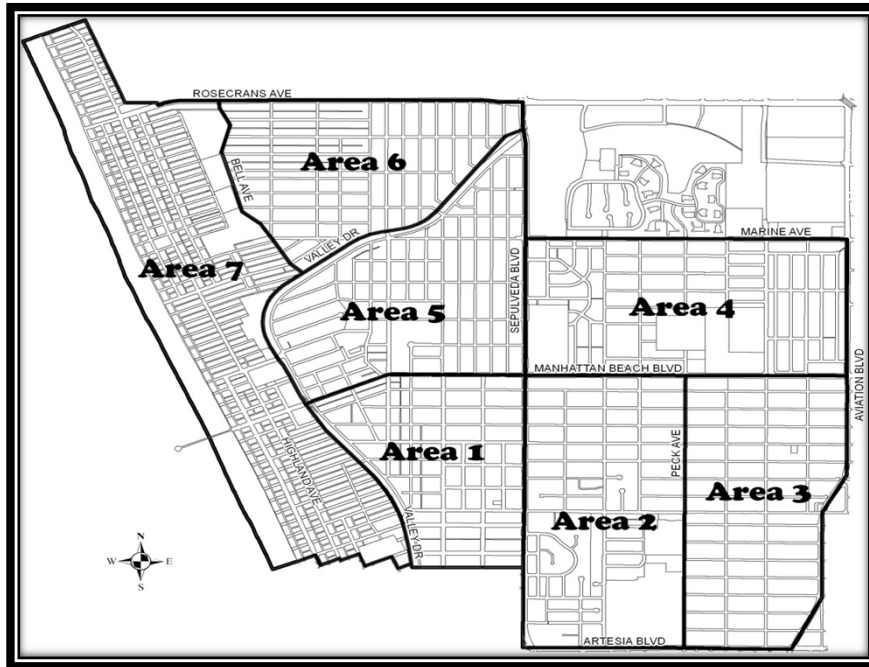
Project Title: Annual Slurry Seal Program

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Multiple Funds St/Hwy, Prop C, Msr R & M
Carryover Project #: 19102E
Original Funding Year: 2018-19
General Plan Element Goals: I-1

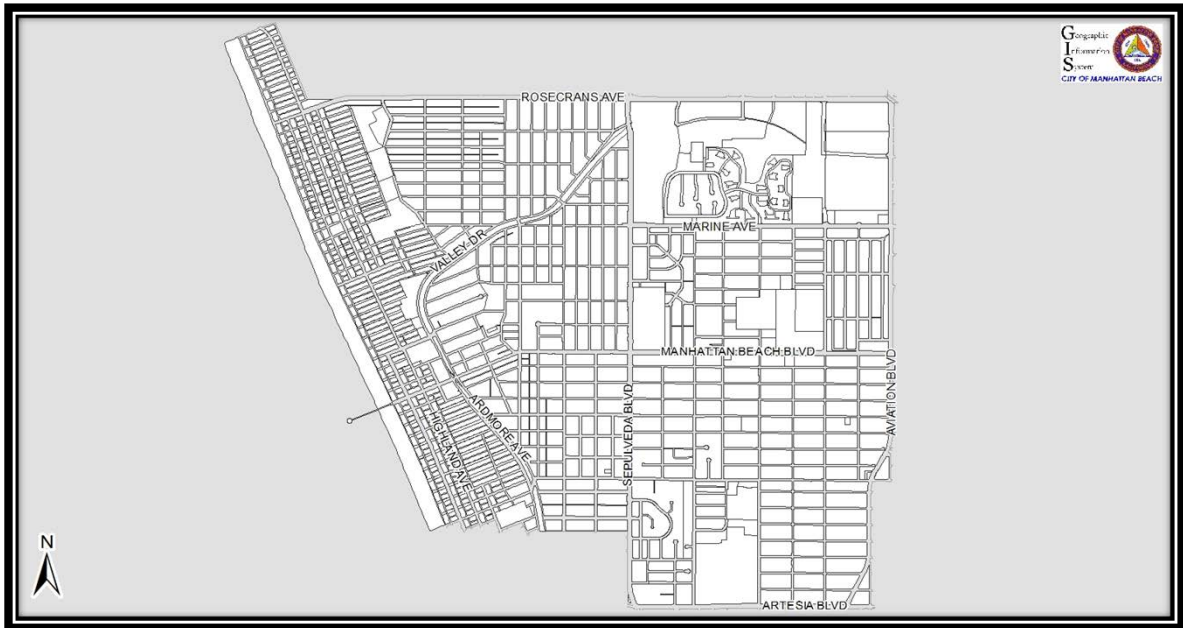
Project Title: Annual Residential Street Resurfacing Program

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

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Multiple Funds St & Hwy and Prop C

Carryover Project #: 16101E

Original Funding Year: 2015-16

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

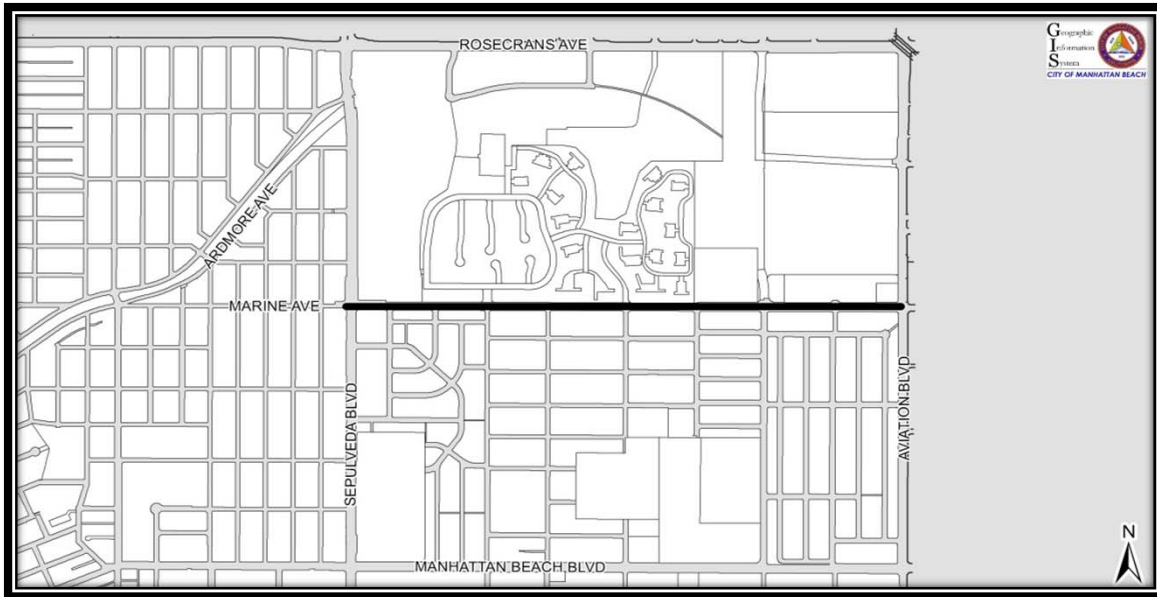
Project Title: Street Resurfacing Project: Marine Avenue (Sepulveda Boulevard to Aviation Boulevard)

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Street & Highways
Carryover Project #: 15822E
Original Funding Year: 2014-15
General Plan Element Goals: I-1, I-6

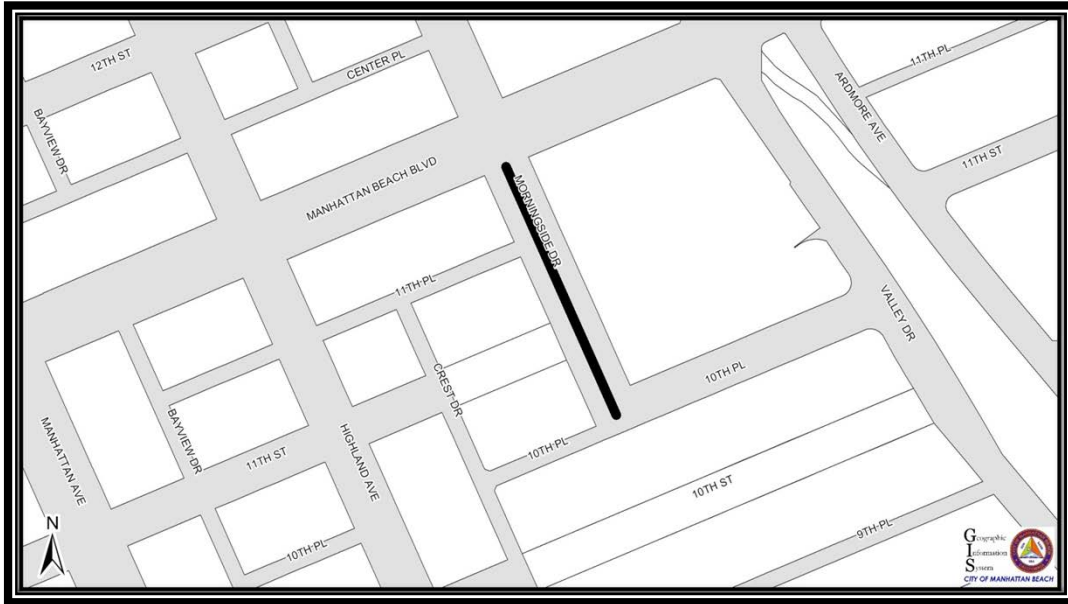
Project Title: Morningside Drive Rehabilitation

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Street & Highways
Carryover Project #: 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

City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

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

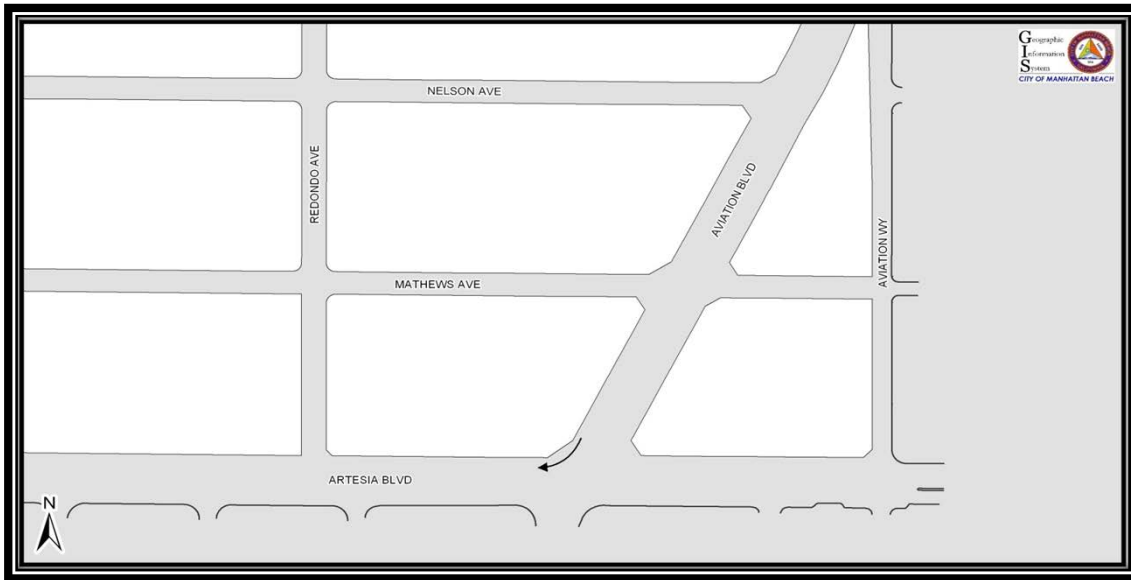
Project Title: Aviation Boulevard at Artesia Boulevard Southbound to Westbound Right-Turn Lane (SBHP Grant)

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

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

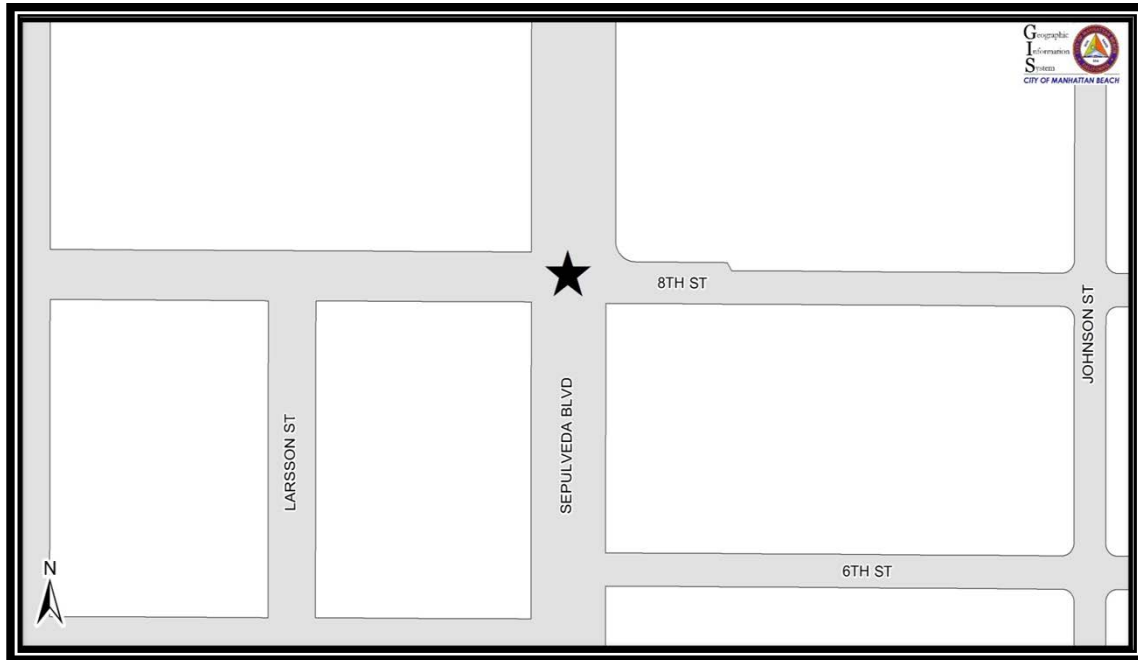
Project Title: Sepulveda Boulevard & 8th Street Intersection Improvements, Northbound and Southbound from Sepulveda to 8th (Highway Safety Improvement Program – HSIP)

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Multiple Funds 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

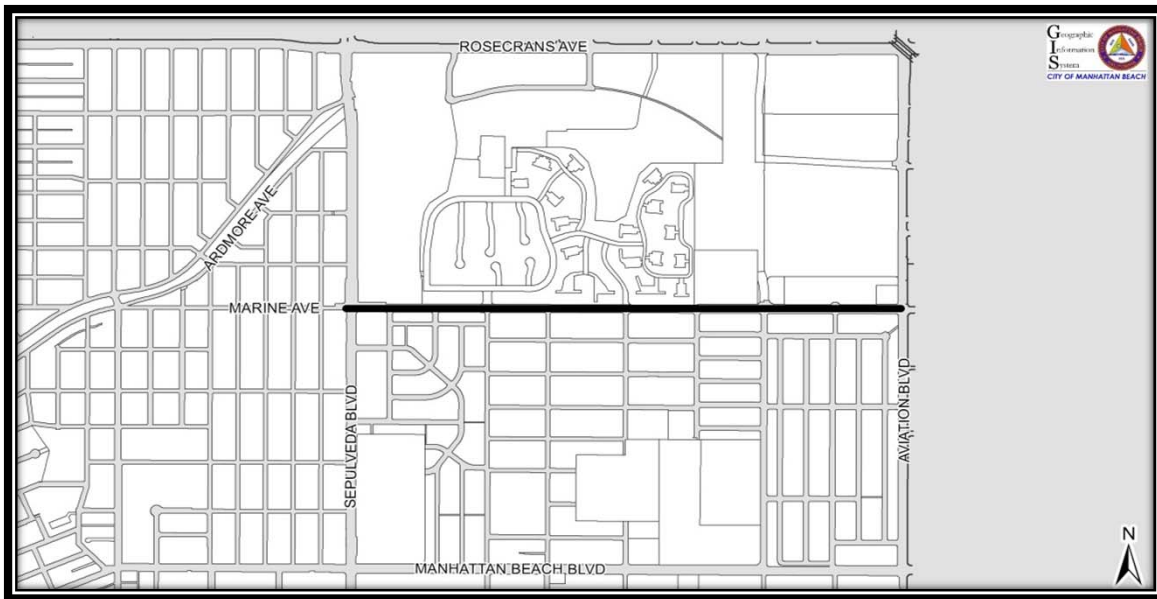
Project Title: Street Resurfacing Project: Marine Avenue (Sepulveda Boulevard to Aviation Boulevard)

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Multiple Funds 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

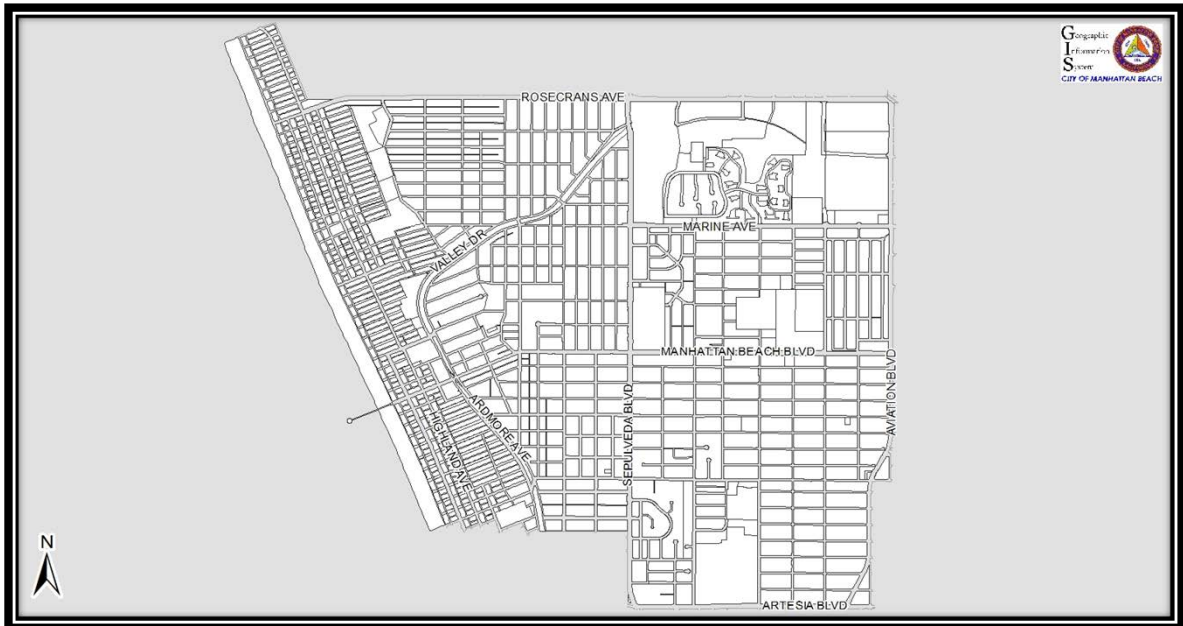
Project Title: Annual Residential Street Resurfacing Program

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

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: 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

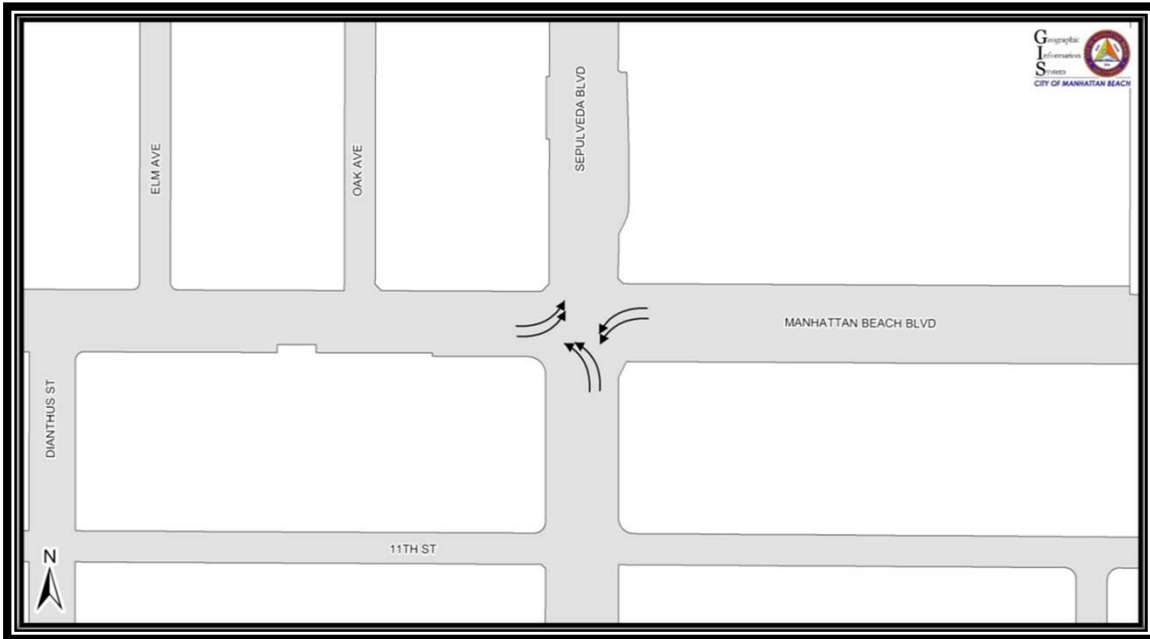
Project Title: Dual Left-Turn Lanes on Manhattan Beach Boulevard at Sepulveda Boulevard, EB to NB, NB to WB, WB to SB (SBHP Grant)

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Proposition C Lc 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

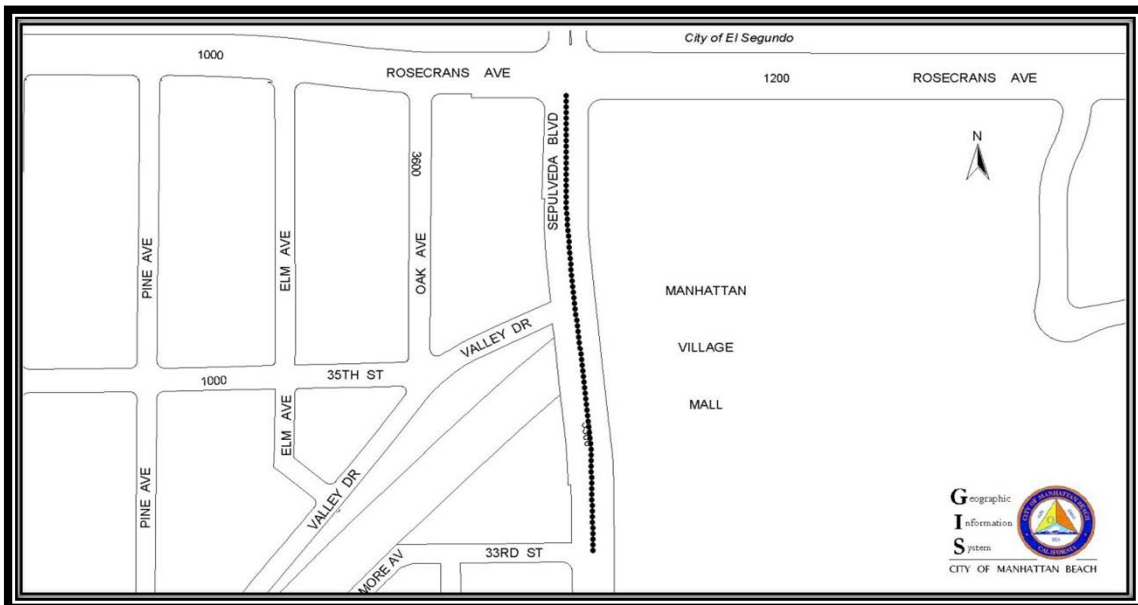
Project Title: Sepulveda Bridge Widening Project

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Grant Funded 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.

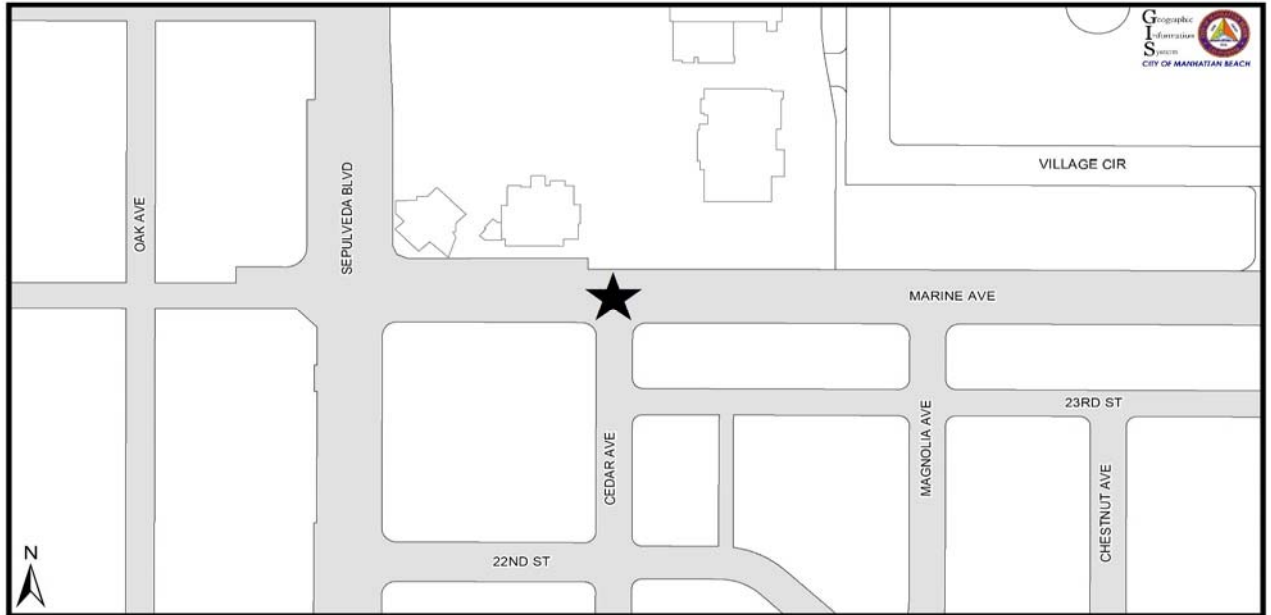
Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-28-19	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	TOTAL
	Proposition C (SBHP Grant)	\$ 985,440	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 985,440
	TOTAL	\$ 985,440	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 985,440

Location Map:

Map located on next page

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

**Location
Map:**



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

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

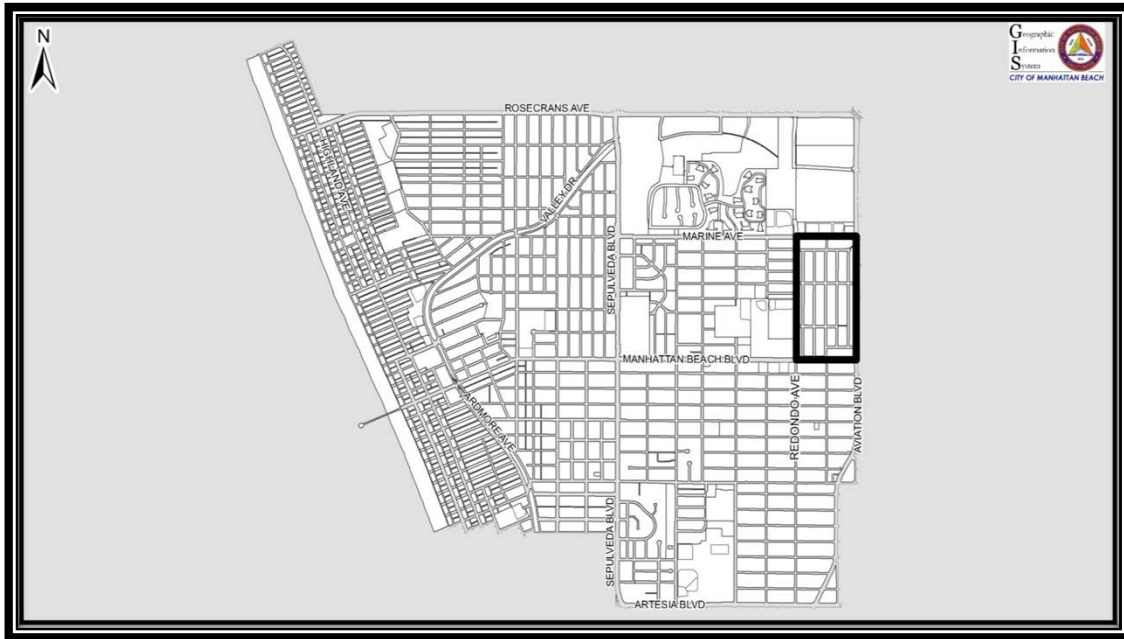
Project Title: Street Resurfacing Project: Liberty Village

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Multiple Funds 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

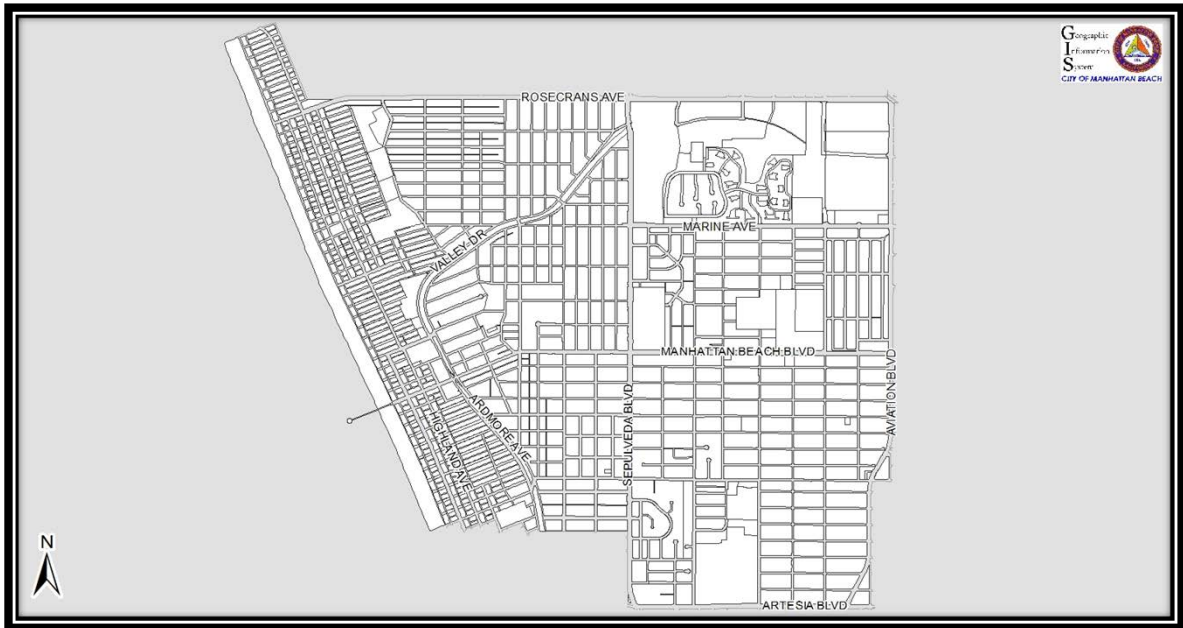
Project Title: Annual Residential Street Resurfacing Program

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

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Measure R Local Return

Carryover Project #: 17104E

Original Funding Year: 2016-17

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

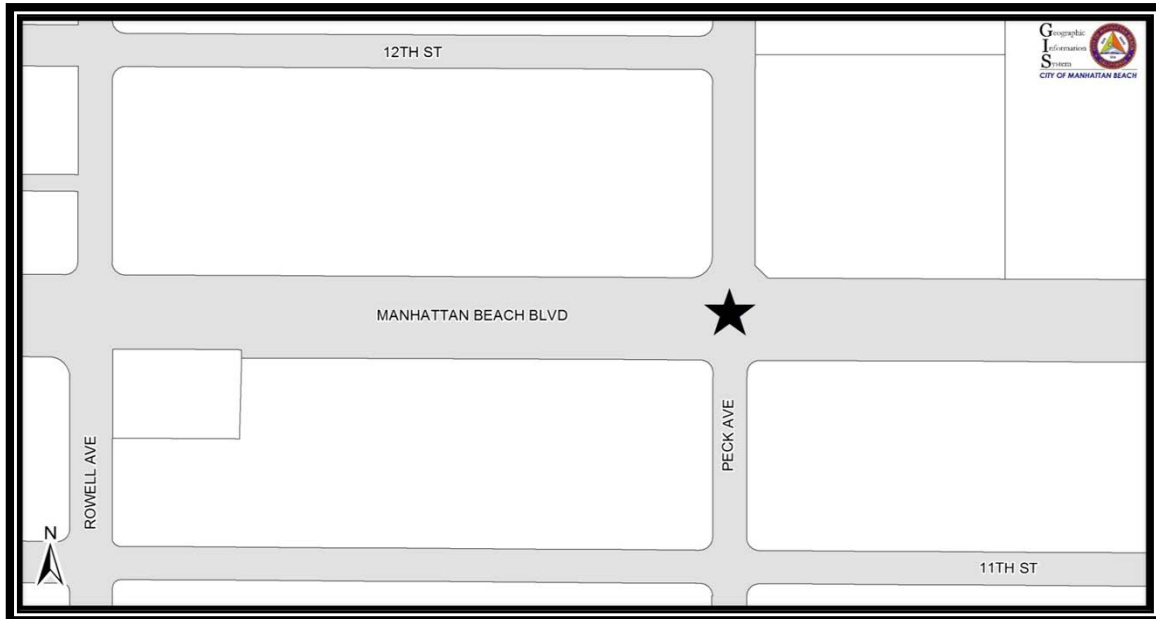
Project Title: Protected Left-Turns: Manhattan Beach Blvd. at Peck Ave.

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Measure R Local Return
Carryover Project #: 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 Local Return	\$ 450,000	\$ -		\$ -	\$ -	\$ -	\$ 450,000
	TOTAL	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 450,000

Location Map:

No map

City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Measure R Local Return
Carryover Project #: 13829E
Original Funding Year: 2012-13
General Plan Element Goals: I-6

Project Title: Non-Motorized Transportation Project: Rosecrans Ave Bike Lane

Description: Provision of features to enhance non-motorized modes of transportation such as walking and biking. This specific project installs 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		\$ 240,000	\$ -	\$ -	\$ -	\$ -	\$ 240,000
	Local Return							
	TOTAL		\$ 240,000	\$ -	\$ -	\$ -	\$ -	\$ 240,000

Location Map:

No map

City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Measure R Local Return

Carryover Project #: N/A

Original Funding Year: N/A

General Plan Element Goals: I-6

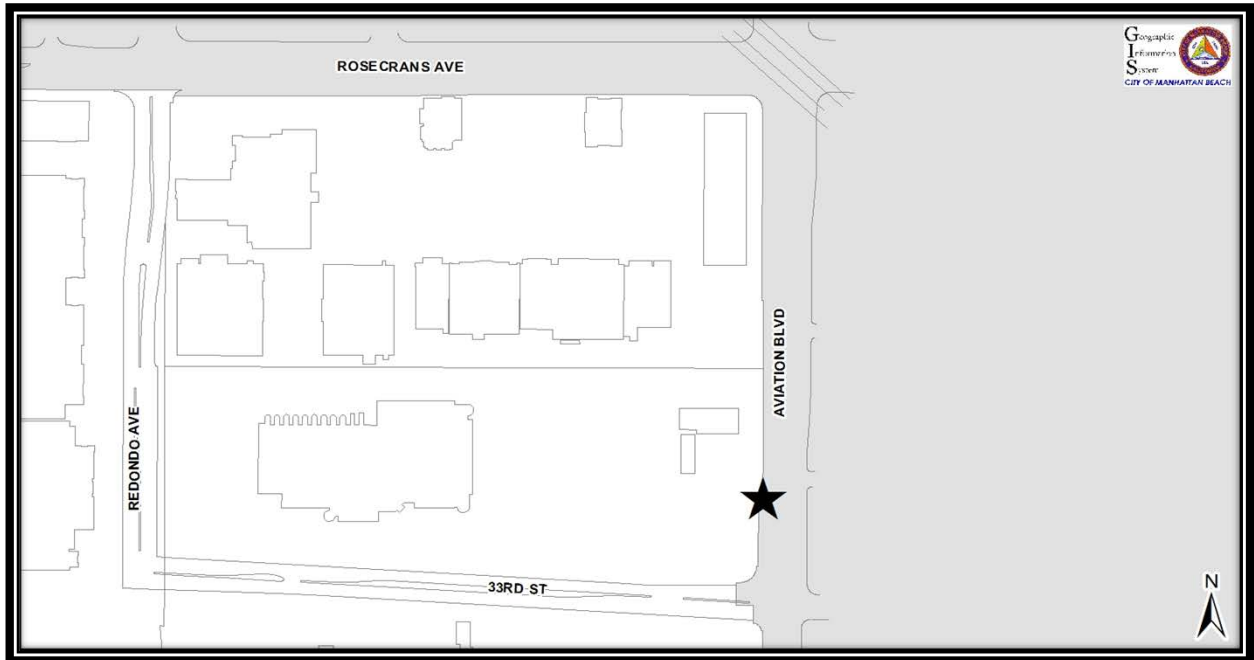
Project Title: Aviation (West-side) and 33rd Street Sidewalk

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Measure M Local Return
Carryover Project #: 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 Local Return	\$ 60,000		\$ -	\$ -	\$ -	\$ -	\$ 60,000
	TOTAL	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,000

Location Map:

No map; locations to be determined in Plan

City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

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

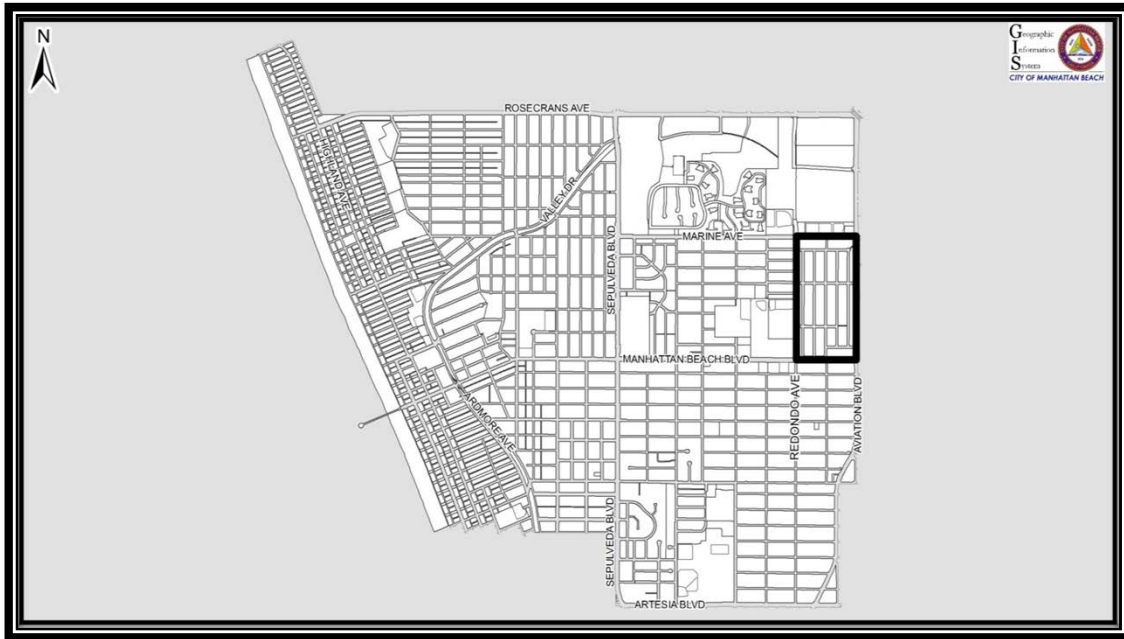
Project Title: **Street Resurfacing Project: Liberty Village**

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Measure M Local Return

Carryover Project #: N/A

Original Funding Year: N/A

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

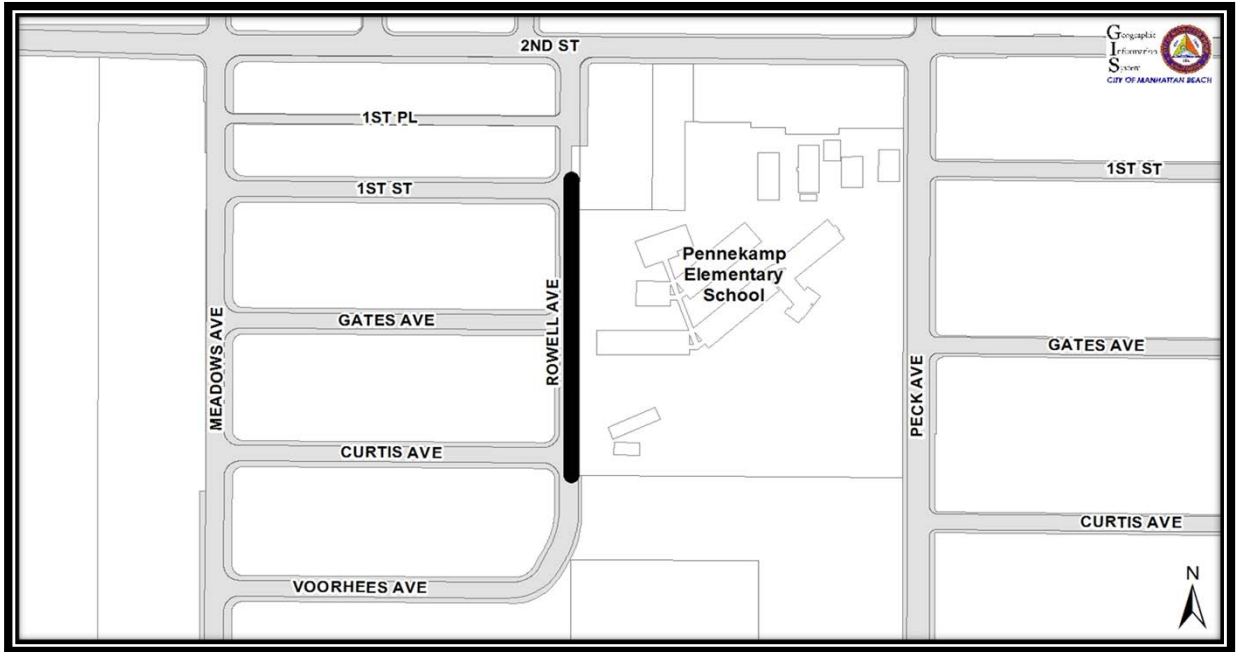
Project Title: Rowell Avenue Sidewalk Connection (Curtis & 1st St.)

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Multiple Funds 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

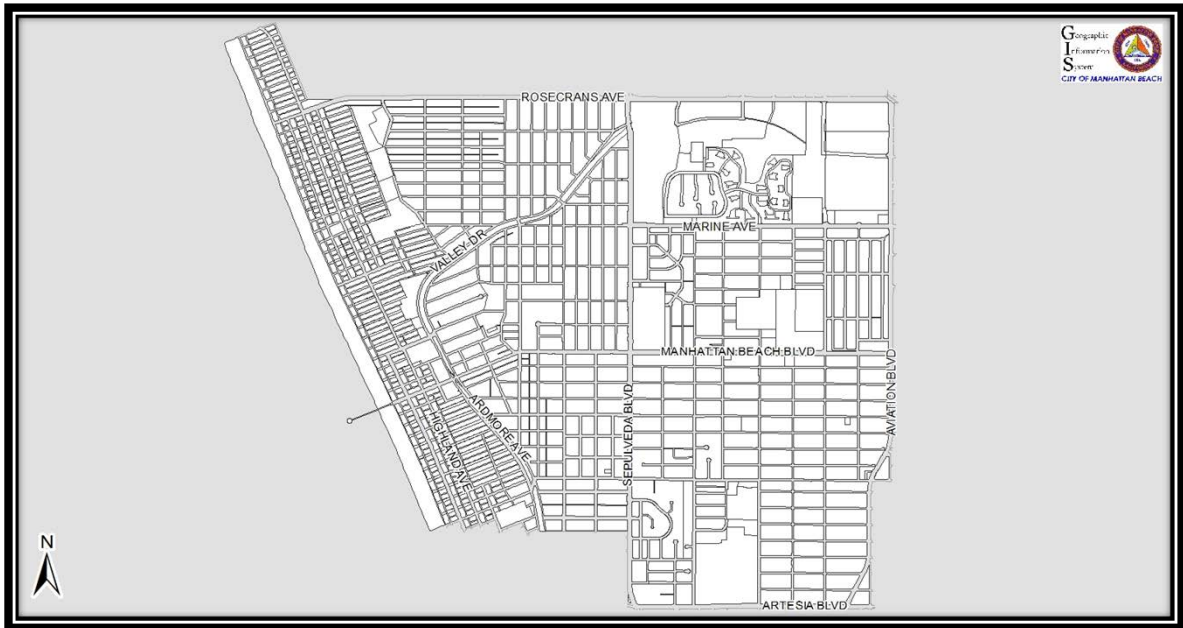
Project Title: Annual Residential Street Resurfacing Program

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

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Measure M Local Return
Carryover Project #: 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:

City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: CIP Fund
Carryover Project #: 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 city wide based on the results of the Facilities Condition Assessment and Council direction.

Justification: This project reflects funding for deficiencies identified as part of the Facilities Assessment at City Hall, City Hall Annex, Live Oak Park, and Marine Avenue Park. The requested funding plan spans multiple years. In FY 17-18, Staff will continue to focus on completing the projects assigned for FY 15-16. FY15-16 includes work such as repainting of the exterior of the buildings, replacing flooring, replacing sealants at the perimeter of the windows, cleaning ductwork in the buildings, and repairing asphalt outside of the buildings.

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	\$ 1,880,481	\$ 830,000	\$ 650,000	\$ 650,000	\$ 830,000	\$ 830,000	\$ 5,670,481
	TOTAL	\$ 1,880,481	\$ 830,000	\$ 650,000	\$ 650,000	\$ 830,000	\$ 830,000	\$ 5,670,481

Location Map:

No map; various facilities Citywide

City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: CIP Fund
Carryover Project #: 18202E
Original Funding Year: 2017-18
General Plan Element Goals: I-1

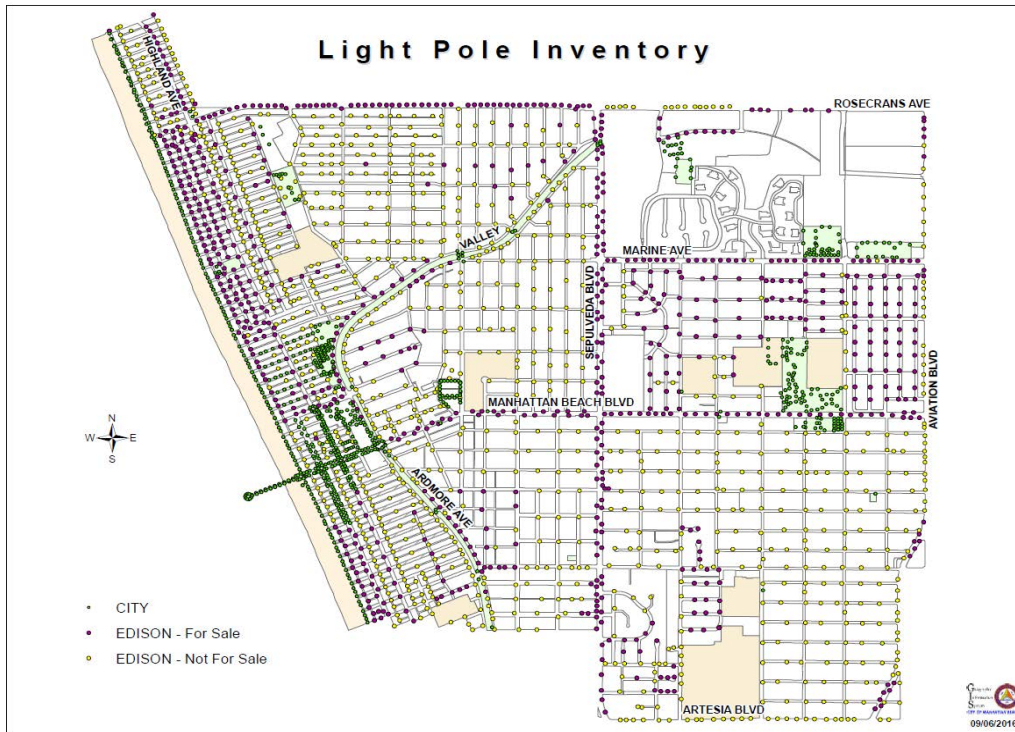
Project Title: Streetlight LED Retrofit

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: 16209E
Original Funding Year: 2015-16
General Plan Element Goals: CR-1

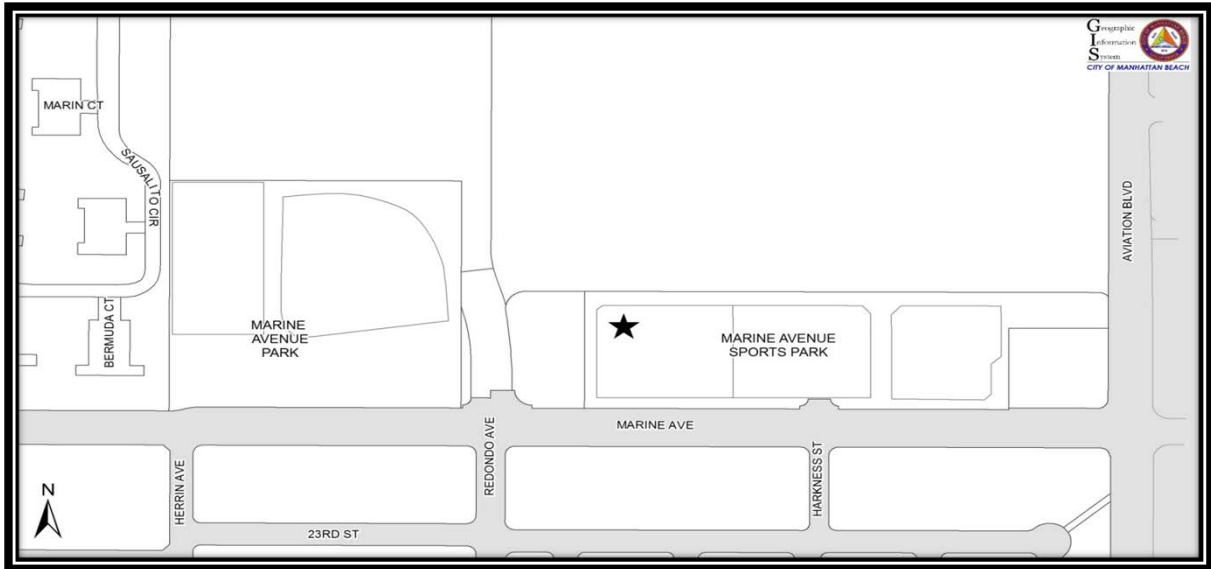
Project Title: Marine Ave. Park Baseball Field Synthetic Turf

Description: Installation of a synthetic playing surface on the baseball field (only).

Justification: Over 2,000 youth, teens and adults play baseball/softball annually in the City of Manhattan Beach including 1,700 players from Manhattan Beach Youth Athletics (Little League). MBYA and Mira Costa Freshman/Sophomore teams predominantly play at Big Marine Baseball Field. With the increase in popularity of the program (MBLL is the 3rd largest Little League program in the nation), it is essential to the success of the program to turf the infield, which would allow for continued use for practices and tryouts throughout the winter months.

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		\$ 441,902	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 441,902
TOTAL		\$ 441,902	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 441,902

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: CIP Fund
Carryover Project #: 18201E
Original Funding Year: 2017-18
General Plan Element Goals: LU-3

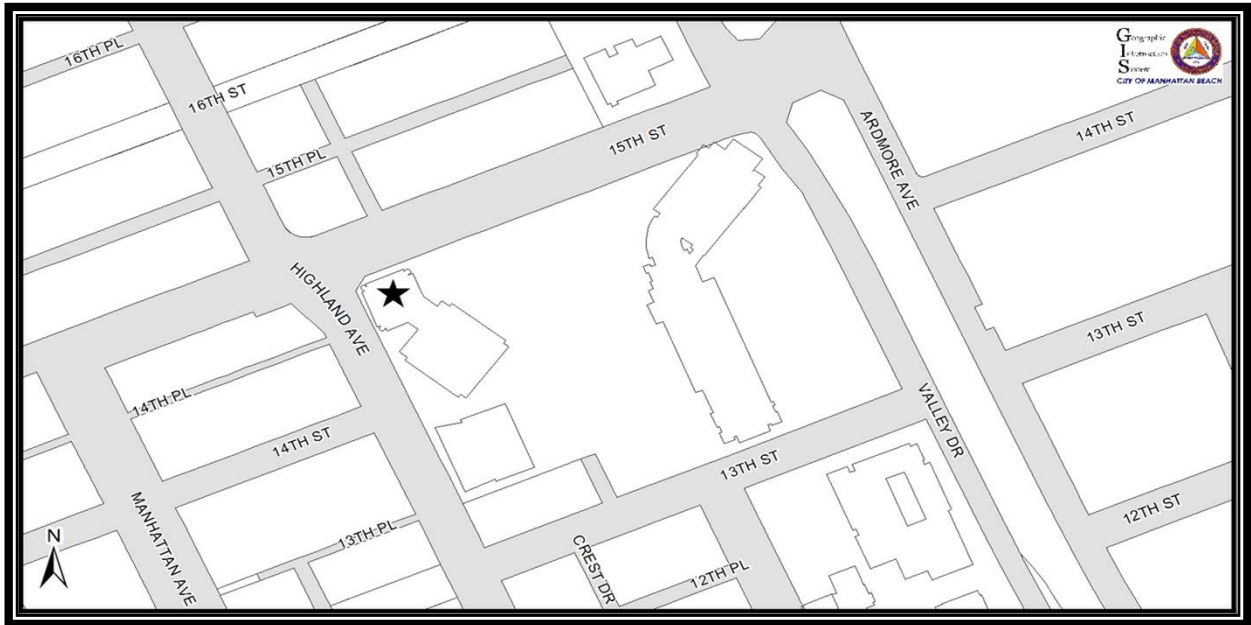
Project Title: City Hall 1st and 2nd Floor Restroom Remodel

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: CIP Fund
Carryover Project #: 16207E
Original Funding Year: 2015-16
General Plan Element Goals: CR-1

Project Title: Installation of New Fitness Station and Surfacing at Miraposa Fitness Station

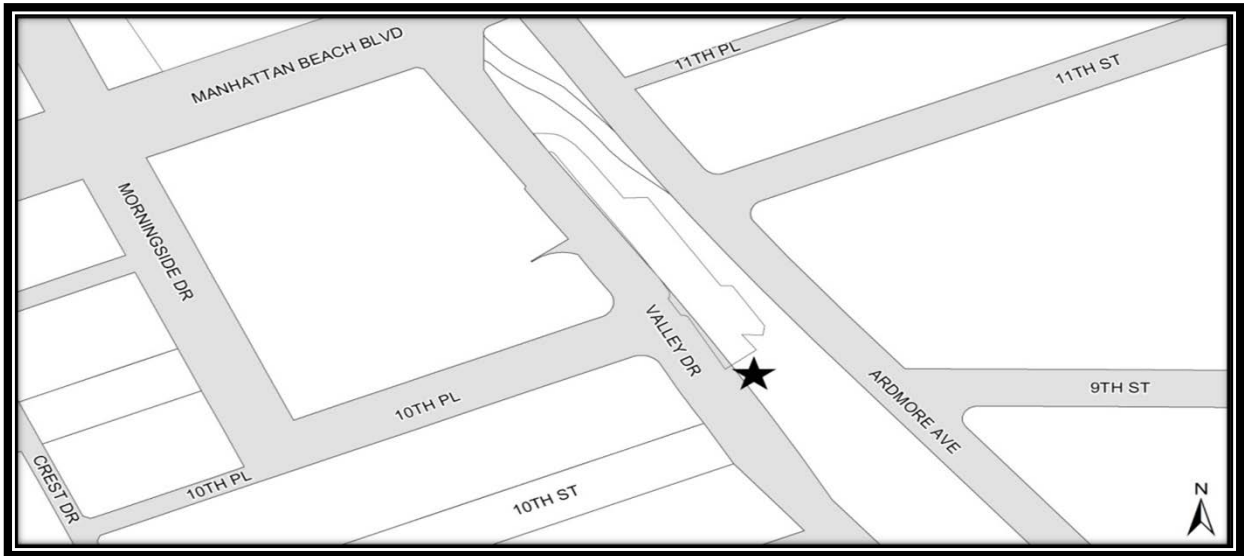
Description: Remove existing worn down and damaged fitness equipment and surfacing installation of new poured in place surfacing material and installation of all new fitness cluster equipment.

Justification: The current fitness equipment and surfacing at the Miraposa 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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: CIP Fund
Carryover Project #: 17201E
Original Funding Year: 2016-17
General Plan Element Goals: CR-1

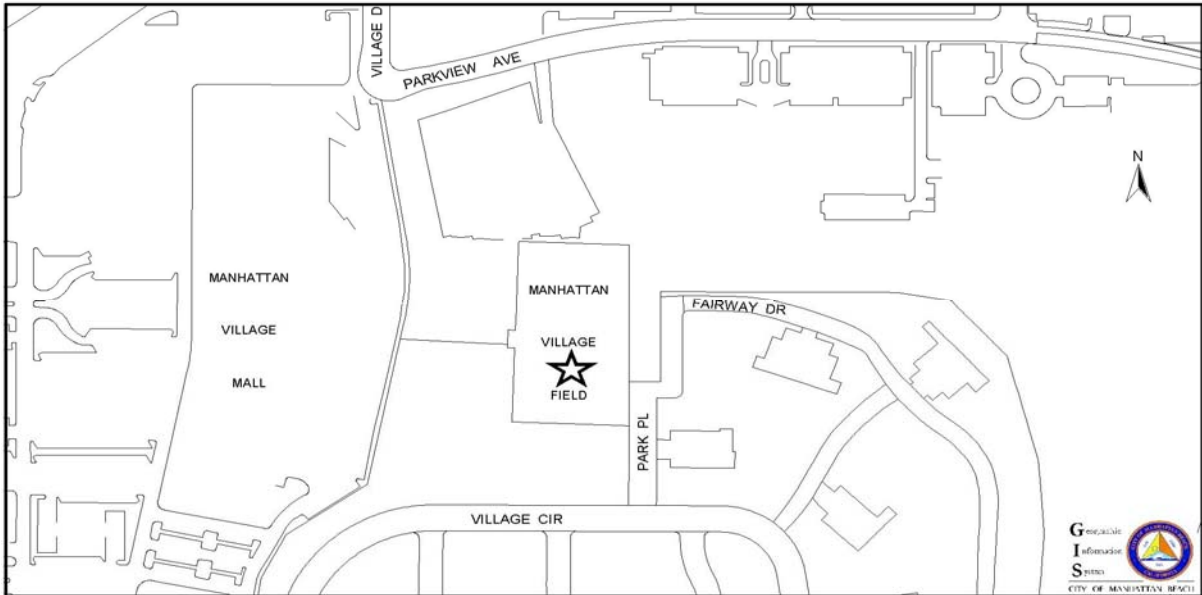
Project Title: Village Field Lighting Replacement

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: CIP Fund
Carryover Project #: 17202E
Original Funding Year: 2016-17
General Plan Element Goals: CR-1

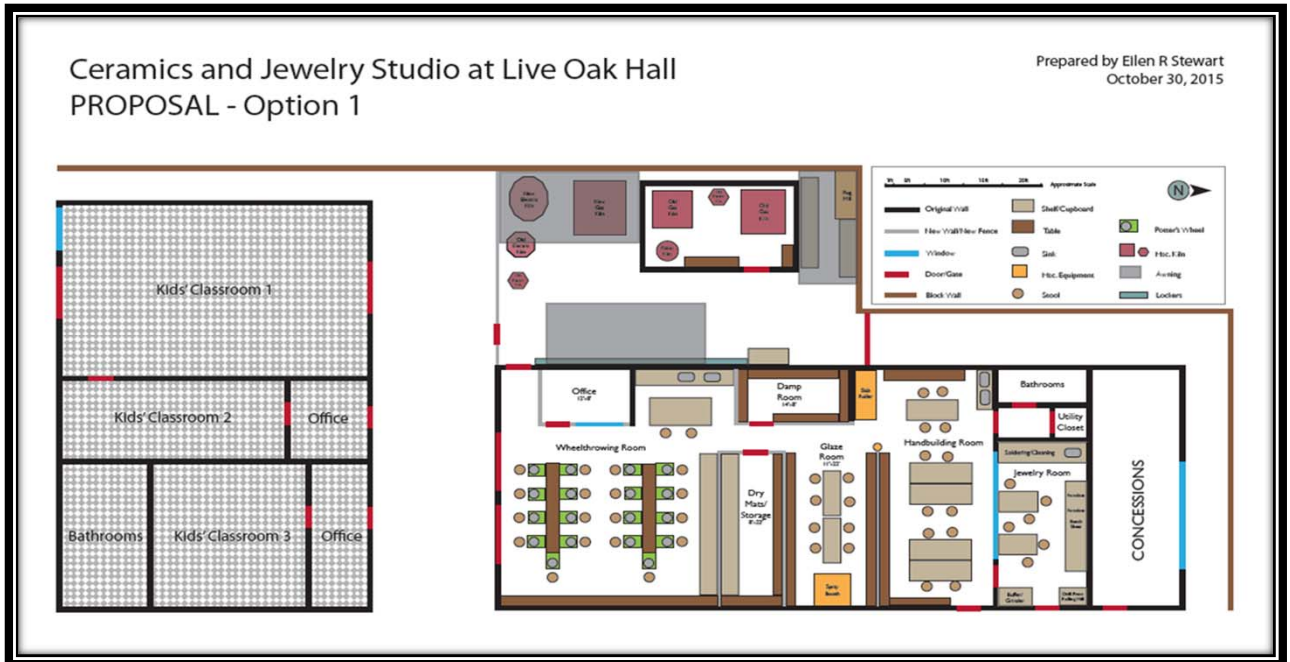
Project Title: Ceramics Studio Renovation

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.

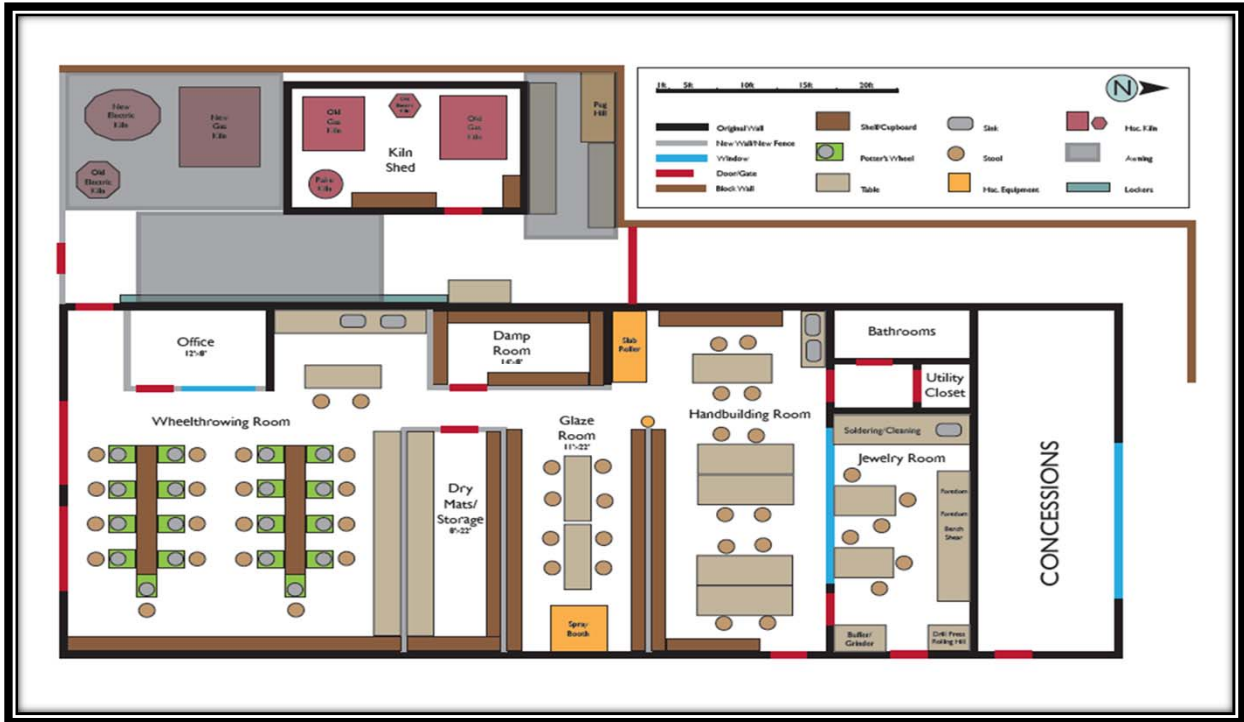
Justification: This expansion would provide additional classrooms for Ceramics and Jewelry classes that have outgrown the current facility. It will also free up the current Ceramics facility for use by the Kids' program, providing a space more conducive to children's programming, with easier access,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



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: CIP Fund
Carryover Project #: 16203E
Original Funding Year: 2015-16
General Plan Element Goals: LU-3, LU-3.1

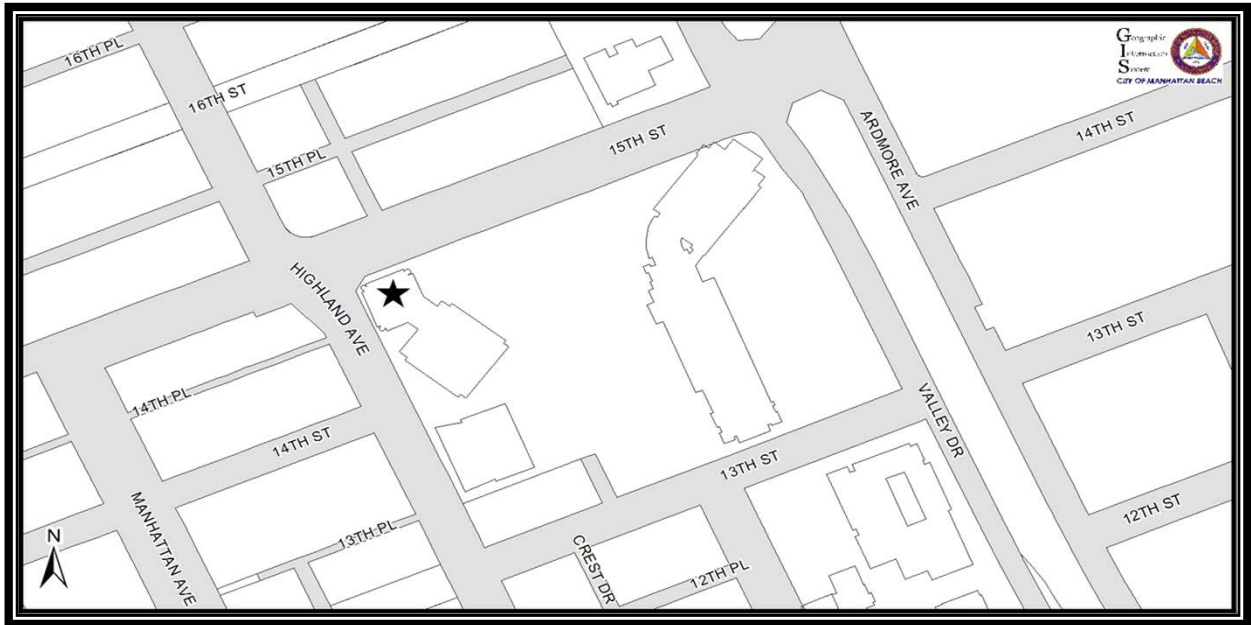
Project Title: City Hall Remodel

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: CIP Fund
Carryover Project #: 16211E
Original Funding Year: 2015-16
General Plan Element Goals: LU-3, LU-3.1

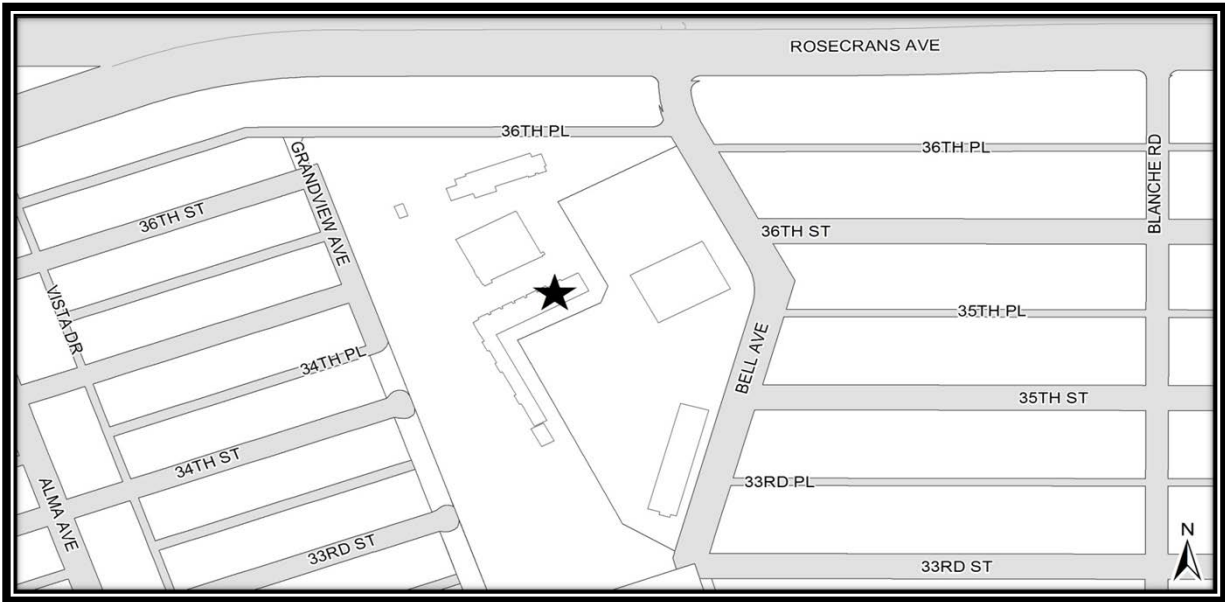
Project Title: Engineering Division Space Planning

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: CIP Fund
Carryover Project #: 15829E
Original Funding Year: 2014-15
General Plan Element Goals: LU-3, LU-3.1

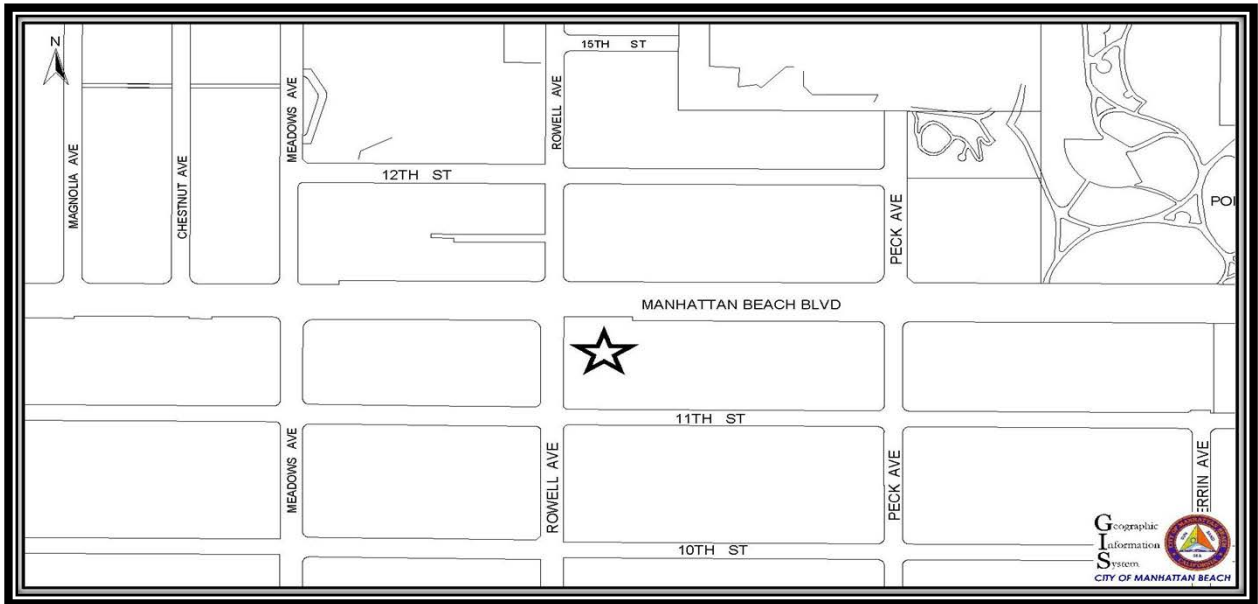
Project Title: Fire Station 2 Design Development

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: CIP Fund

Carryover Project #: N/A

Original Funding Year: N/A

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

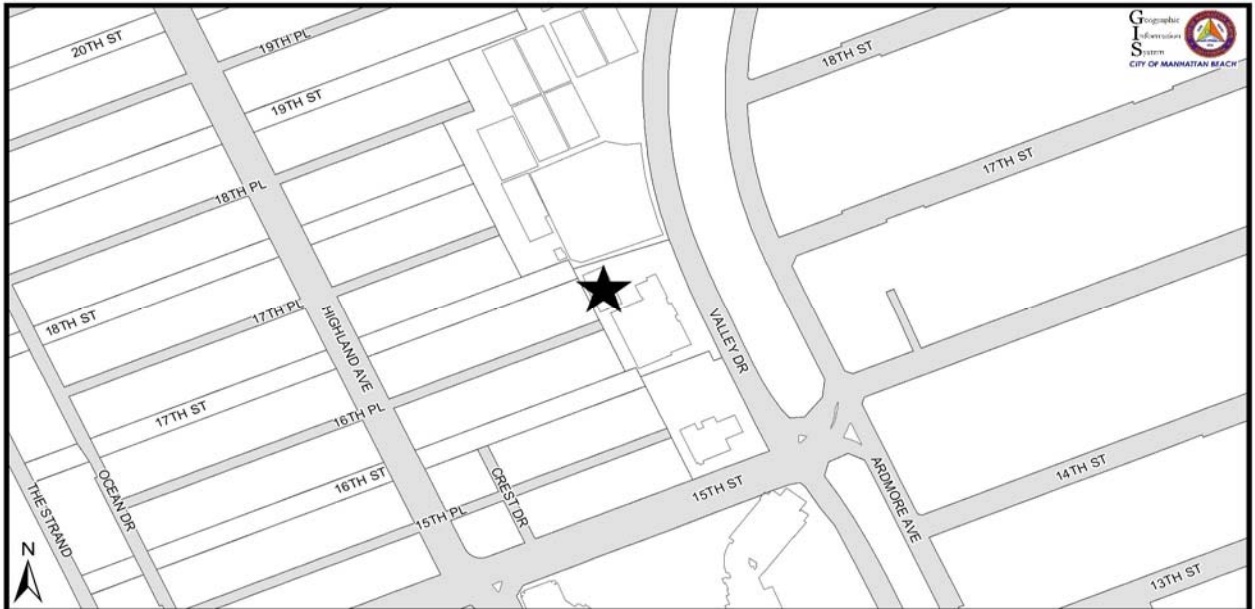
Project Title: Scout House

Description: Develop and design a new Scout House for 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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 550,000
	TOTAL	\$ 550,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 550,000

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: CIP Fund

Carryover Project #: 16212E

Original Funding Year: 2015-16

General Plan Element Goals: LU-5

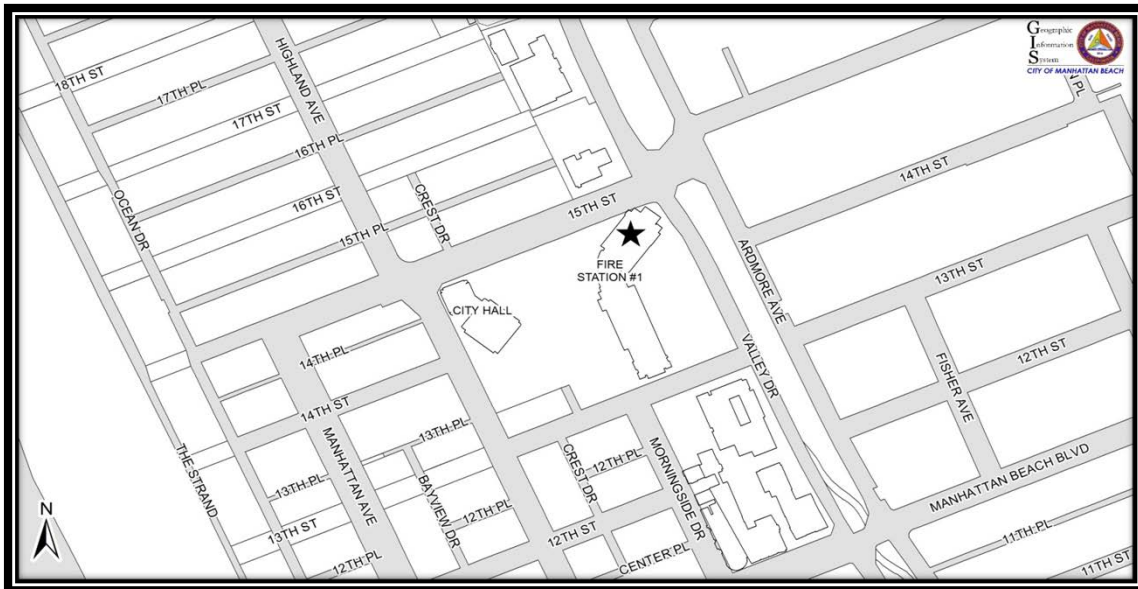
Project Title: Replacement and Upgrade of Fire Station 1 Diesel Exhaust Removal System

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: CIP Fund
Carryover Project #: 16208E
Original Funding Year: 2015-16
General Plan Element Goals: CR-1

Project Title: Begg Field Improvements (Turf, Lighting, Fencing)

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: CIP Fund

Carryover Project #: 13822E

Original Funding Year: 2012-13

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

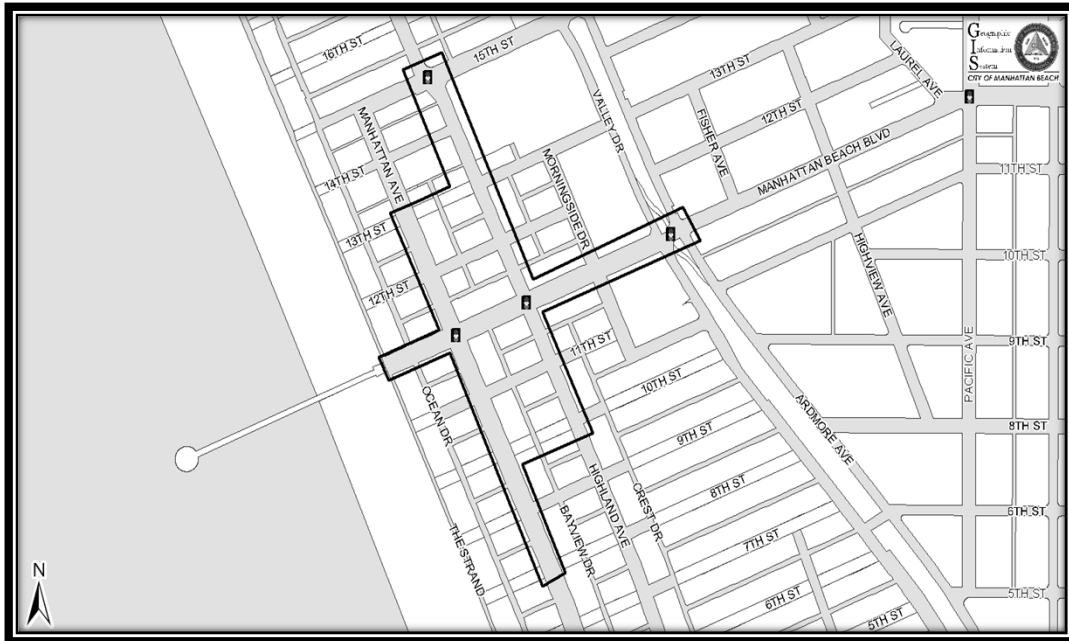
Project Title: Downtown Streetscape Improvements: Traffic Signal Pole Replacement

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: CIP Fund
Carryover Project #: 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

City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: CIP Fund
Carryover Project #: 16106E
Original Funding Year: 2015-16
General Plan Element Goals: I-1

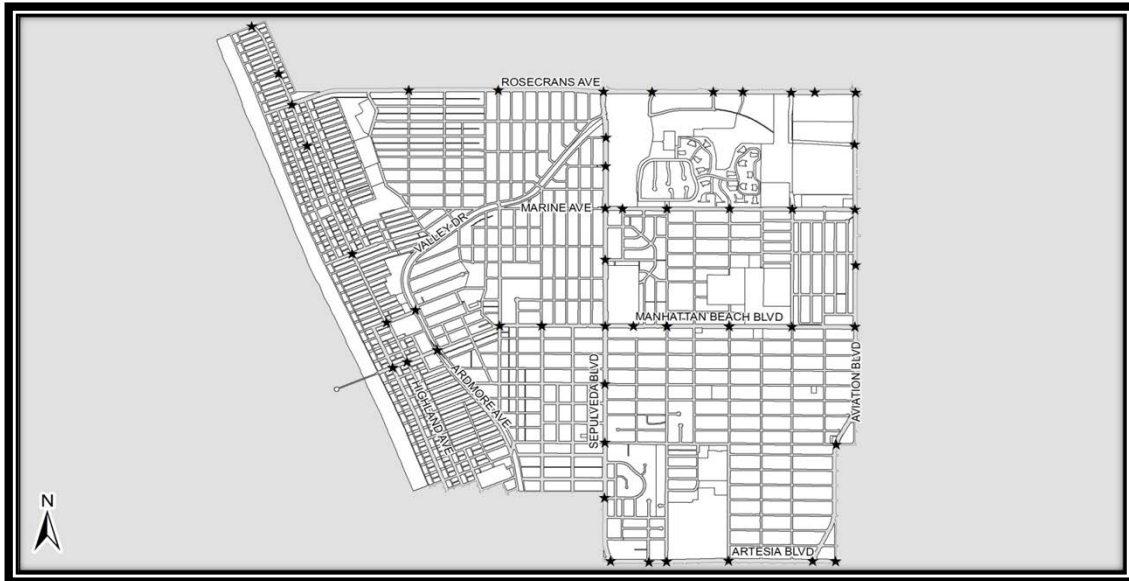
Project Title: Traffic Signal Preemption Devices

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: CIP Fund
Carryover Project #: 17204E
Original Funding Year: 2016-17
General Plan Element Goals: I-4

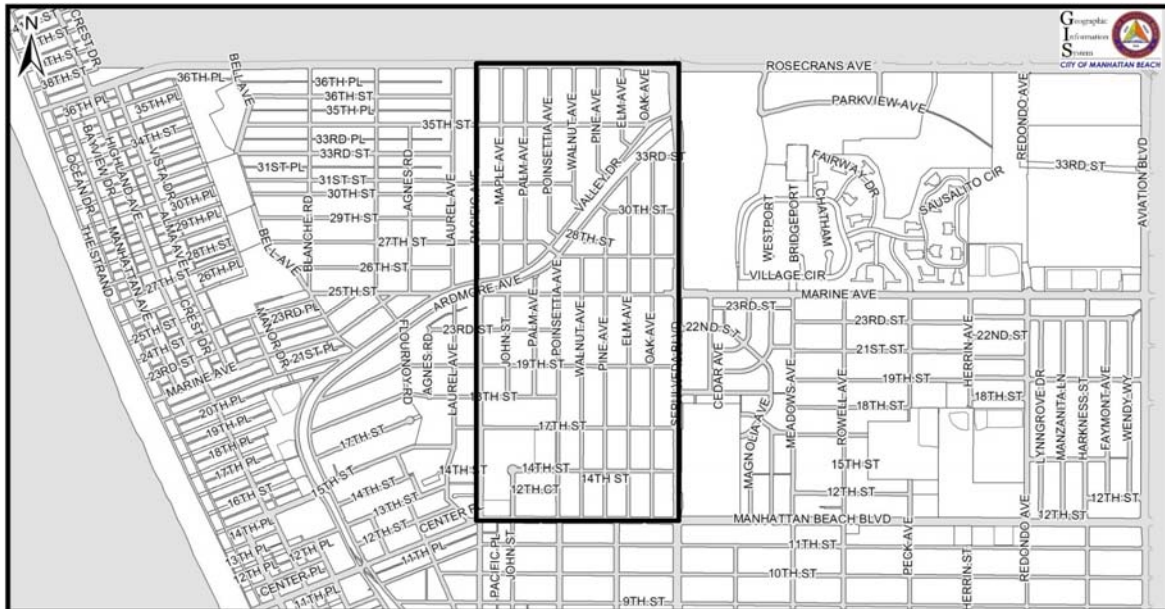
Project Title: Sepulveda Blvd./Oak Ave. Neighborhood Intrusion Study

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. A portion of the study will be funded by a contribution from the mall developer.

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	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
TOTAL		\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: CIP Fund
Carryover Project #: 15835E
Original Funding Year: 2014-15
General Plan Element Goals: I-6

Project Title: Non-Motorized Transportation Crosswalks, Bike Lanes, 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

City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: CIP Fund
Carryover Project #: 17205E
Original Funding Year: 2016-17
General Plan Element Goals: I-6

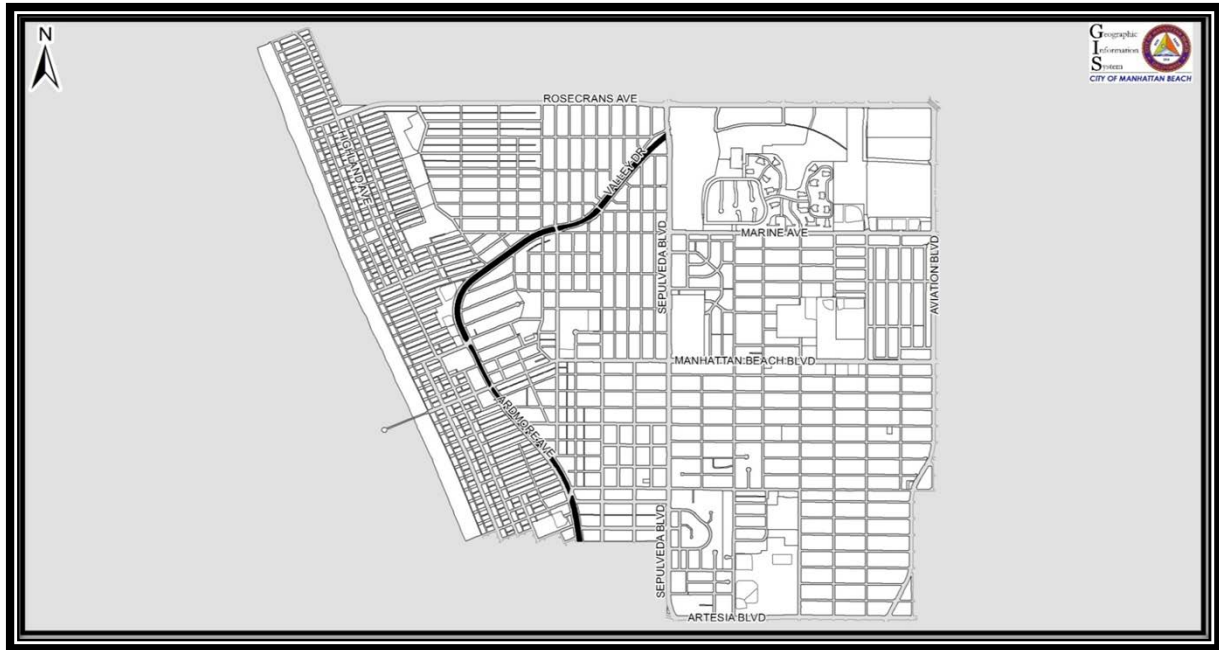
Project Title: Veterans Parkway Pedestrian Access Masterplan

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

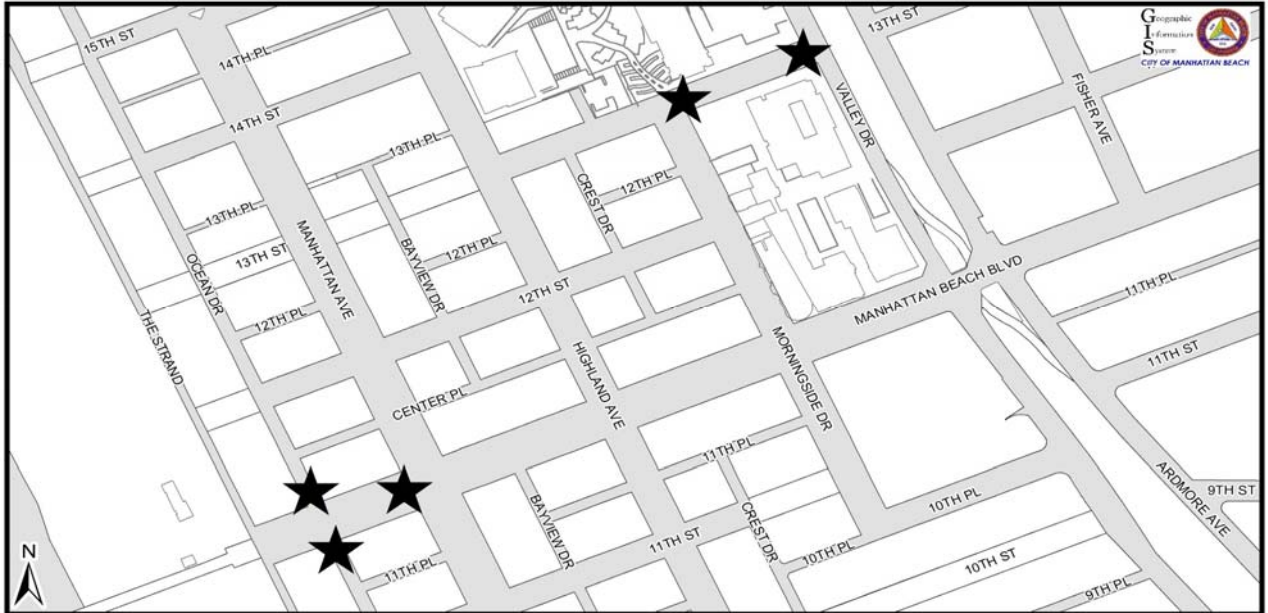
Project Title: Roadway Safety Bollards and Barriers

Description: Design and construction 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.

Estimated Project Cost: Unknown

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Multiple Funds Prop A and CIP

Carryover Project #: N/A

Original Funding Year: N/A

General Plan Element Goals: CR-1

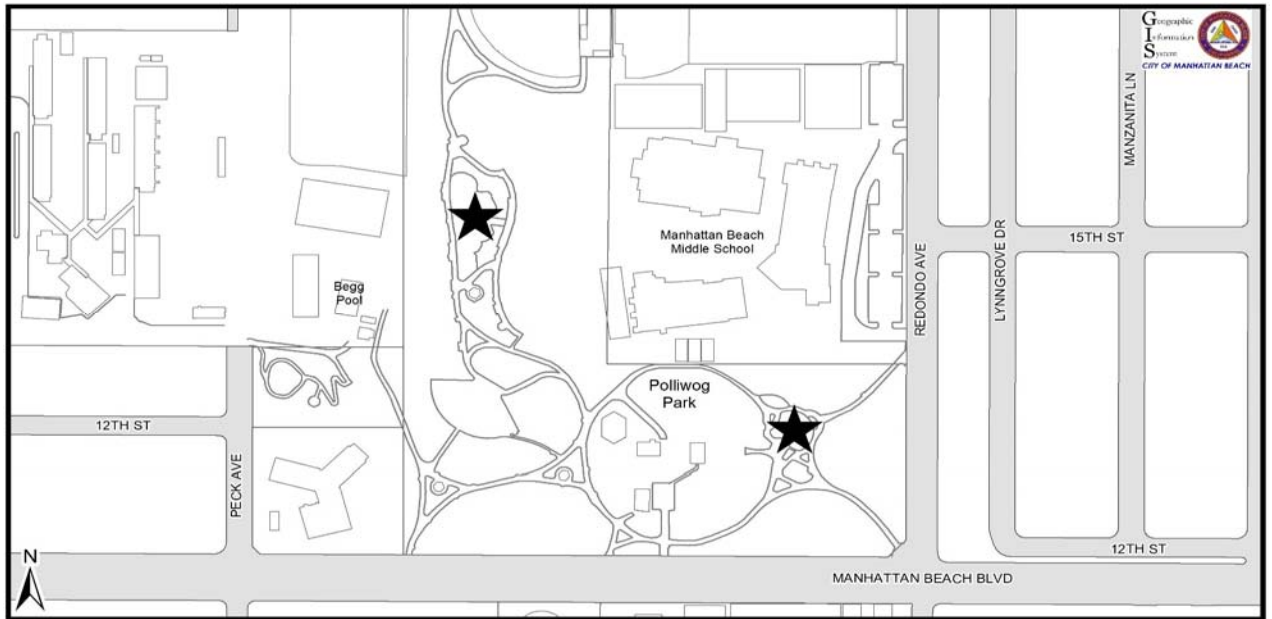
Project Title: Polliwog Playground Resurfacing & Equipment Replacement (Prop A/CIP)

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					
	TOTAL	\$ -	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ 600,000

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Public Art Trust Fund
Carryover Project #: 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:

City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Grant Funded CDBG

Carryover Project #: 15834E

Original Funding Year: 2018-19

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

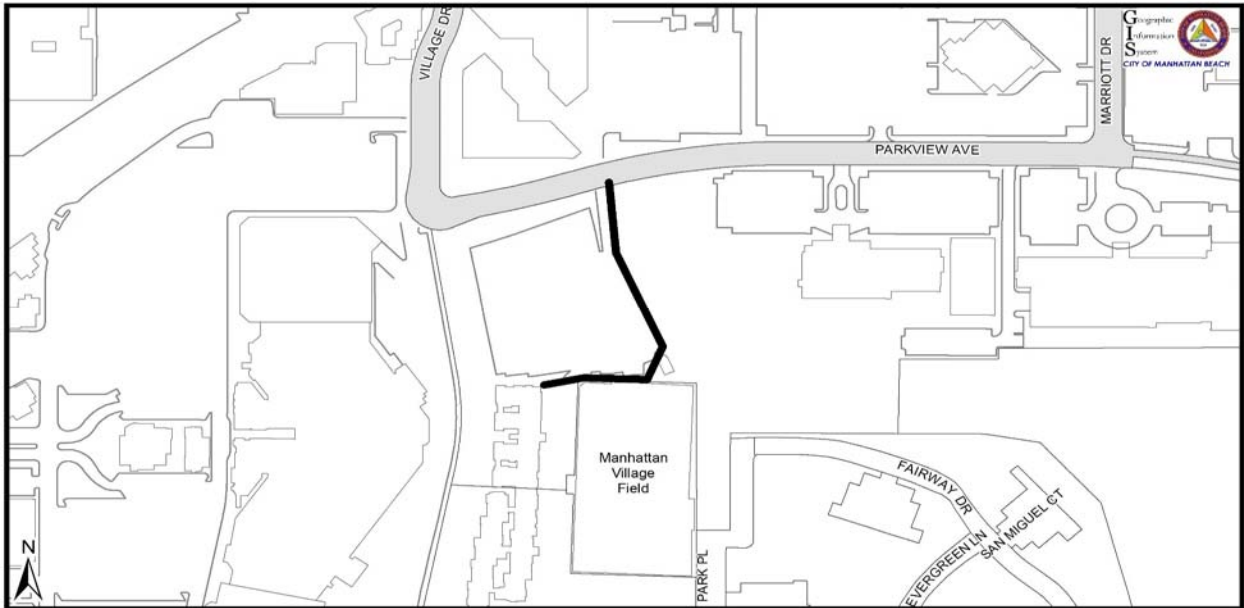
Project Title: Village Field ADA Access Ramp: Construction (CDBG Funds)

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Grant Funded CDBG
Carryover Project #: N/A
Original Funding Year: 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

City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Streetlight Fund
Carryover Project #: 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

City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Water Fund

Carryover Project #: 16302E

Original Funding Year: 2015-16

General Plan Element Goals: I-7

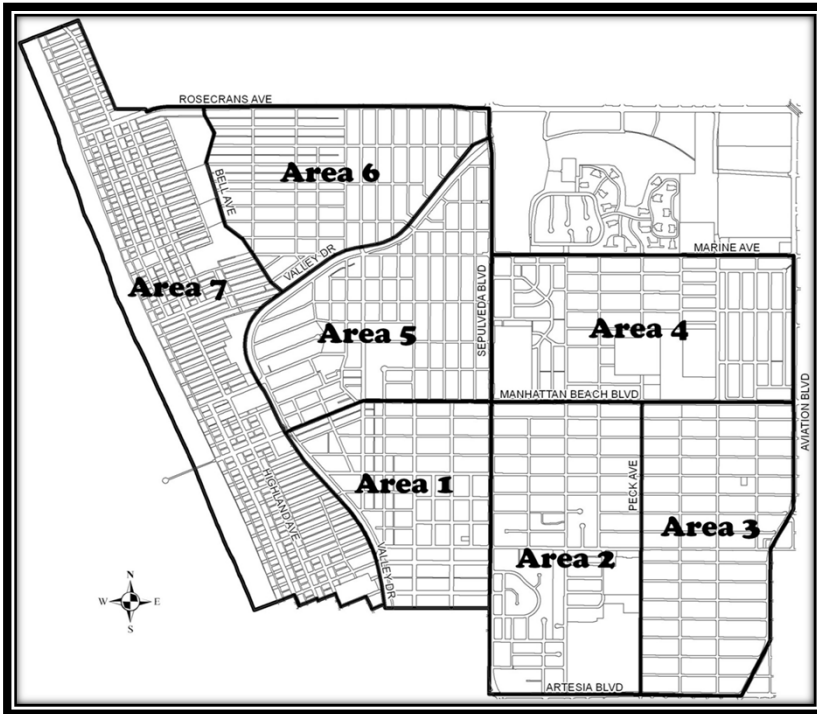
Project Title: Annual Pipe Replacement & Fire Hydrant Installations

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

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Water Fund
Carryover Project #: 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

City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Water Fund
Carryover Project #: 18301E
Original Funding Year: 2017-18
General Plan Element Goals: I-7

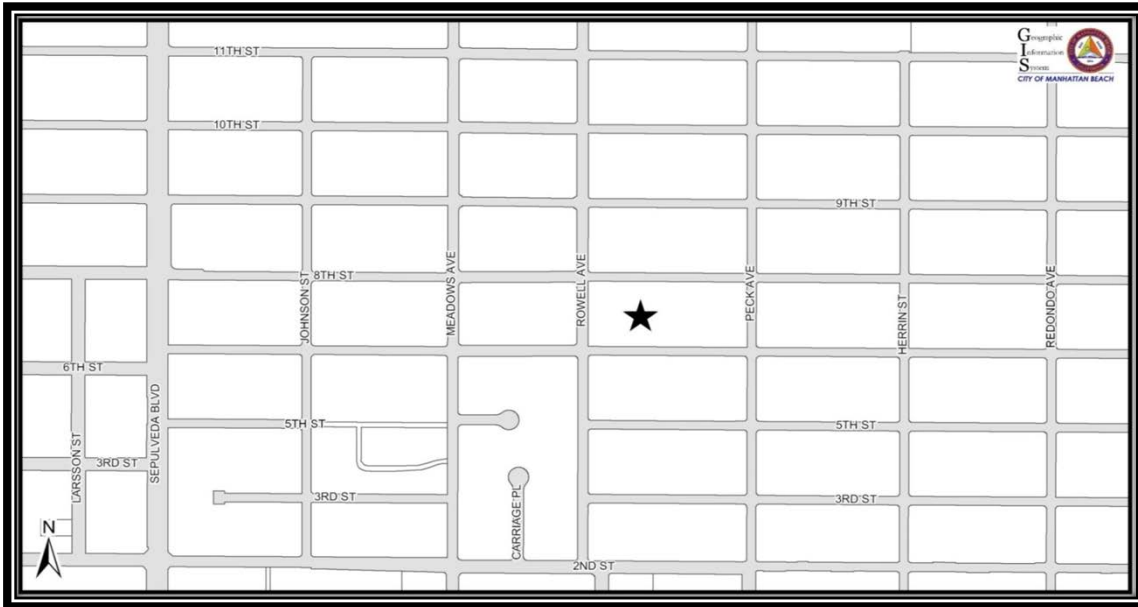
Project Title: **Block 35 Ground Level Reservoir Replacement (Design Only)**

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Water Fund
Carryover Project #: 15838E
Original Funding Year: 2014-15
General Plan Element Goals: CS-1.3, I-7

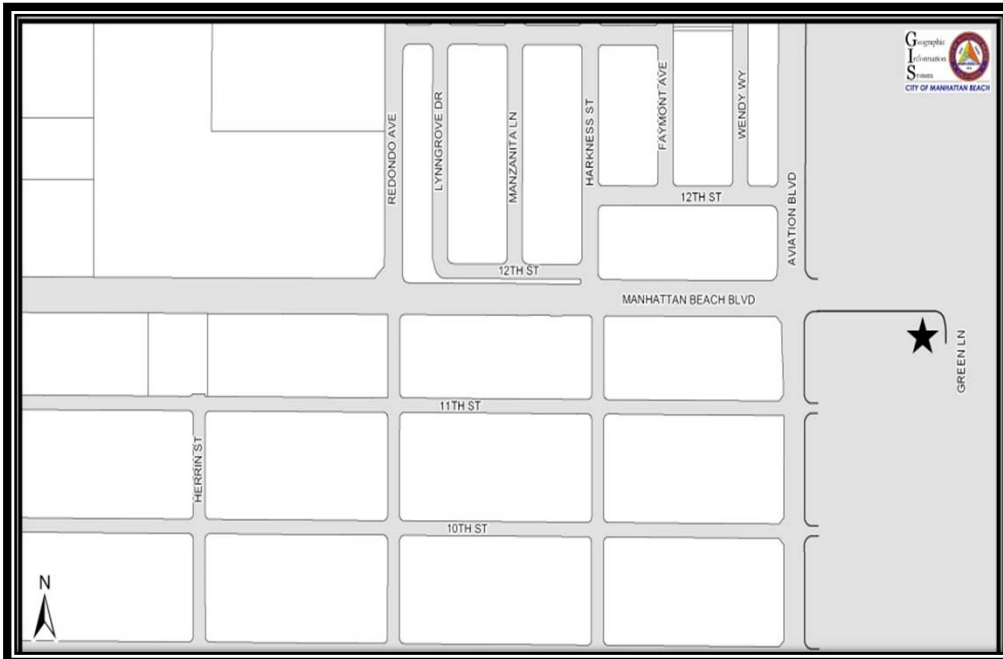
Project Title: Chloramination System at Wells 11 & 15

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Water Fund
Carryover Project #: 12828E
Original Funding Year: 2011-12
General Plan Element Goals: I-7

Project Title: Larsson Street Booster Station Improvement

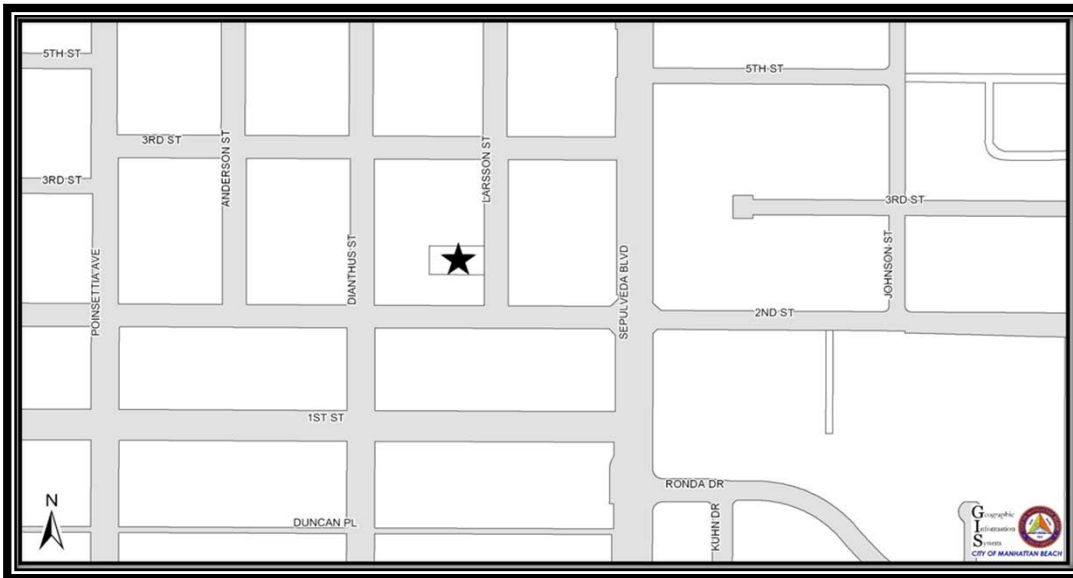
Description: Installation of three new motors, pumps, variable speed drives, motor controls, control valves, relief valve, piping, wiring, and new back-up generator.

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Water Fund
Carryover Project #: 15837E
Original Funding Year: 2014-15
General Plan Element Goals: I-7, LU-3, LU-4

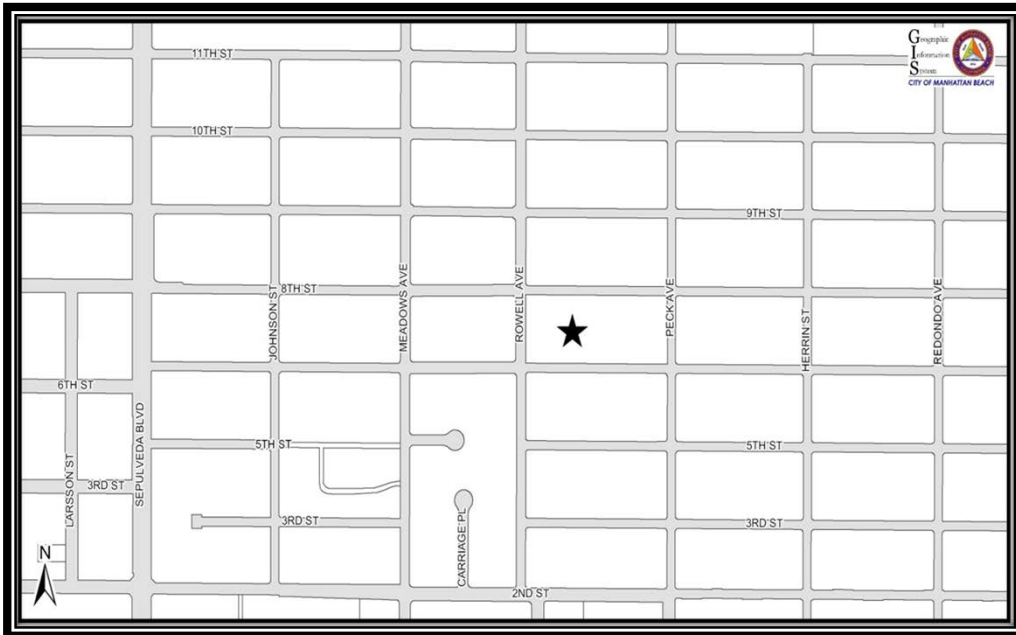
Project Title: Paint Block 35 Elevated Tank

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Water Fund
Carryover Project #: 15836E
Original Funding Year: 2014-15
General Plan Element Goals: CS-1.3, I-7

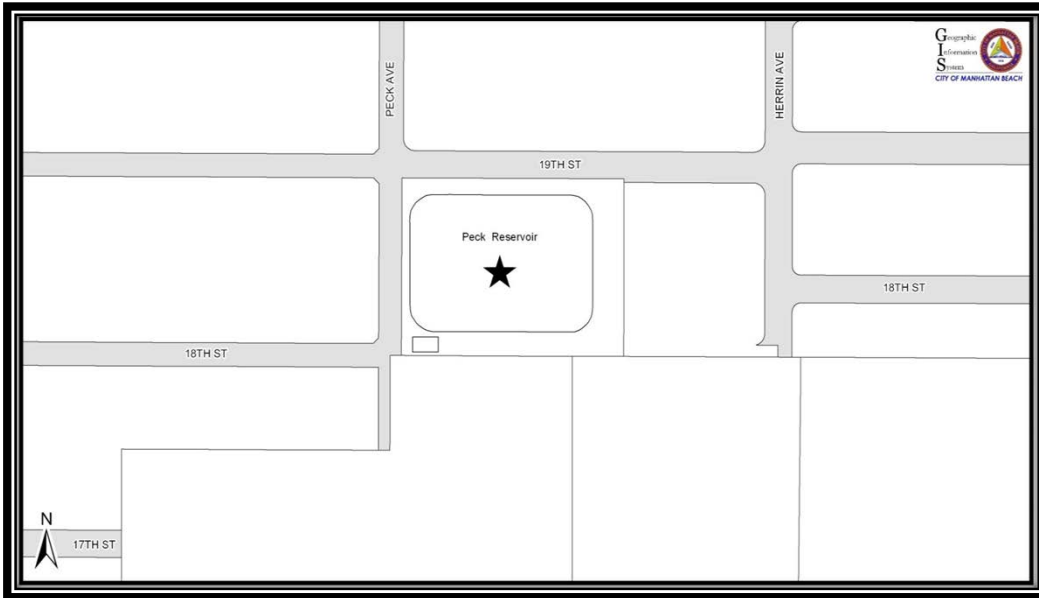
Project Title: Peck Ground Level Reservoir Replacement

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Water Fund
Carryover Project #: 17301E
Original Funding Year: 2016-17
General Plan Element Goals: I-7

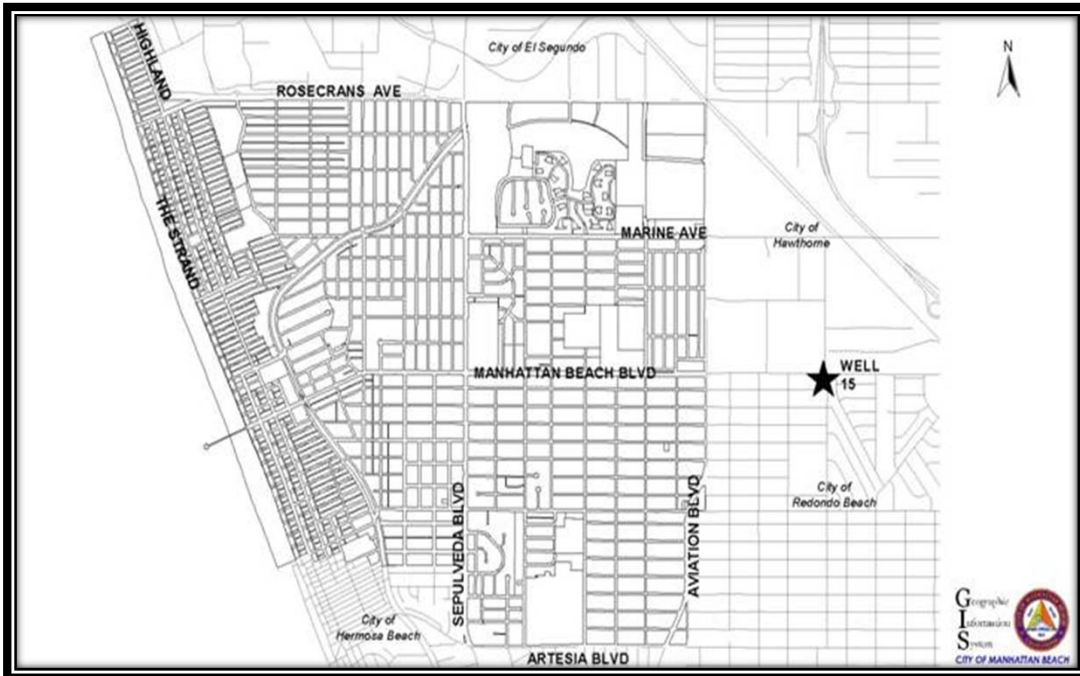
Project Title: Redrill & Equip Well 15

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Multiple Funds Water & Wastewater
Carryover Project #: 11834E (Water) and 11838E (WW)
Original Funding Year: 2010-11
General Plan Element Goals: I-7, I-11

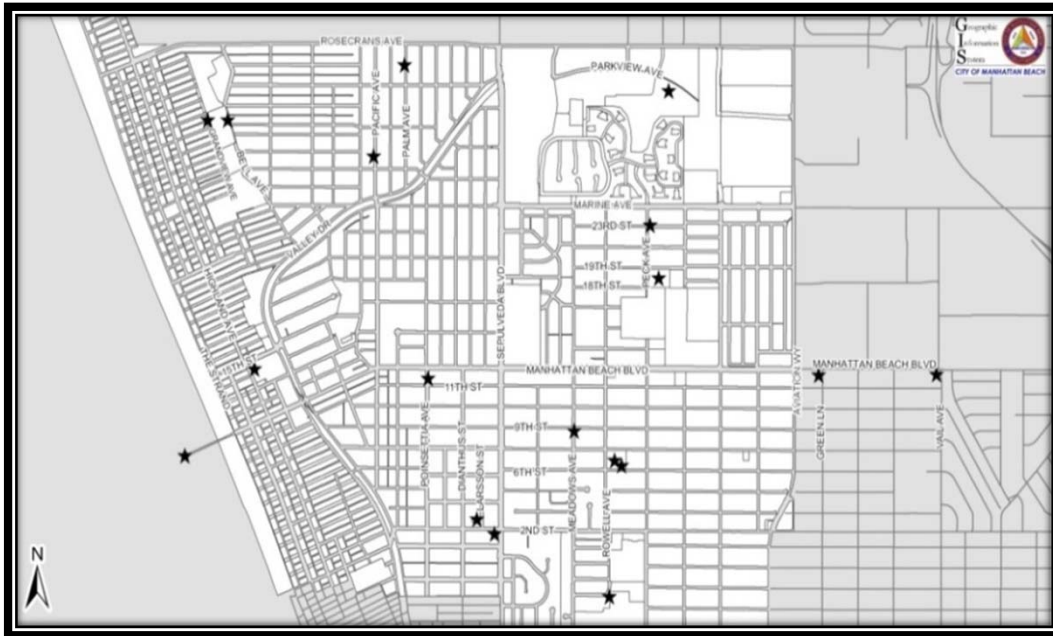
Project Title: Utility Telemetry

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Water Fund
Carryover Project #: 19301E
Original Funding Year: 2018-19
General Plan Element Goals: LU-3, LU-4, I-7, HE-3, & CS-1

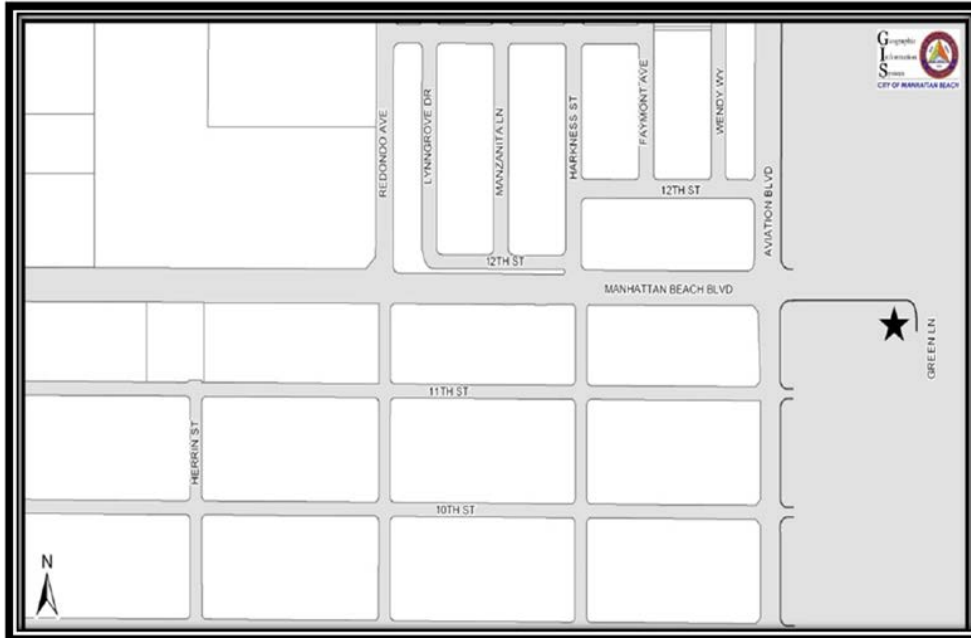
Project Title: Well 11A Variable Frequency Drive Installation

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Water Fund
Carryover Project #: 19302E
Original Funding Year: 2018-19
General Plan Element Goals: LU-3, LU-4, I-7, HE-3, & CS-1

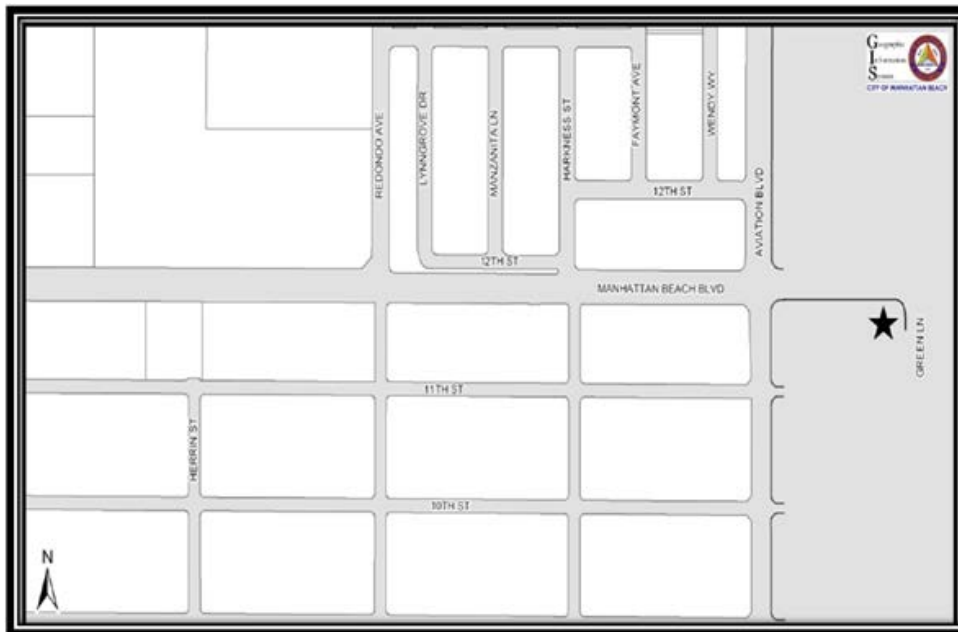
Project Title: Well 15 Electrical Panel Replacement and Variable Frequency Drive (VFD) Installation

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Water Fund
Carryover Project #: 18302E
Original Funding Year: 2017-18
General Plan Element Goals: I-7

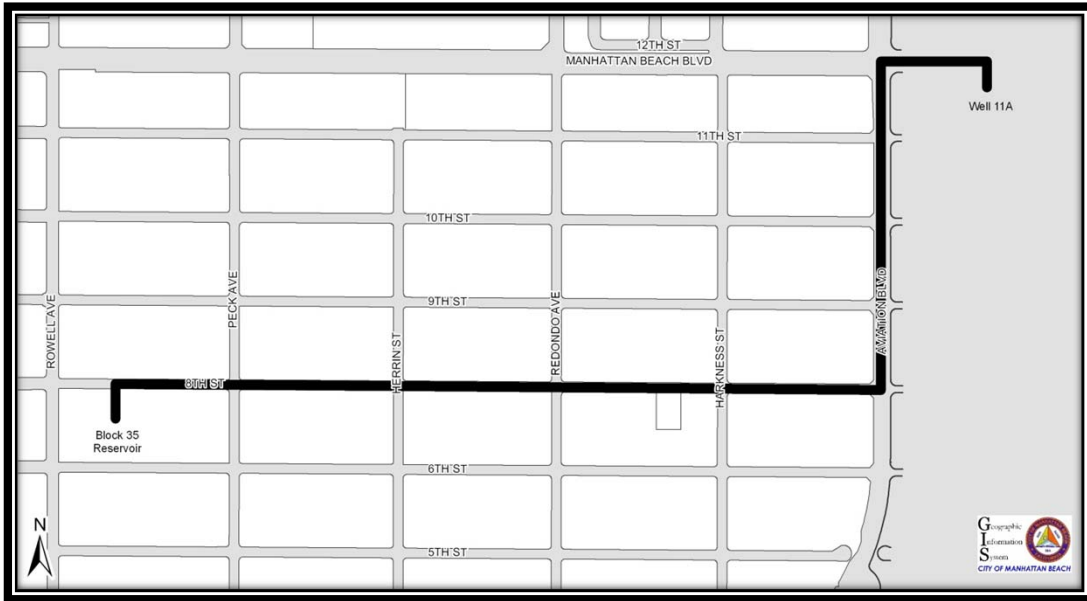
Project Title: Well Collection Line from Well 11A to Block 35 (Design Only)

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Water Fund
Carryover Project #: N/A
Original Funding Year: N/A
General Plan Element Goals: I-7, 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

City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Water Fund
Carryover Project #: N/A
Original Funding Year: N/A
General Plan Element Goals: I-7, I-11

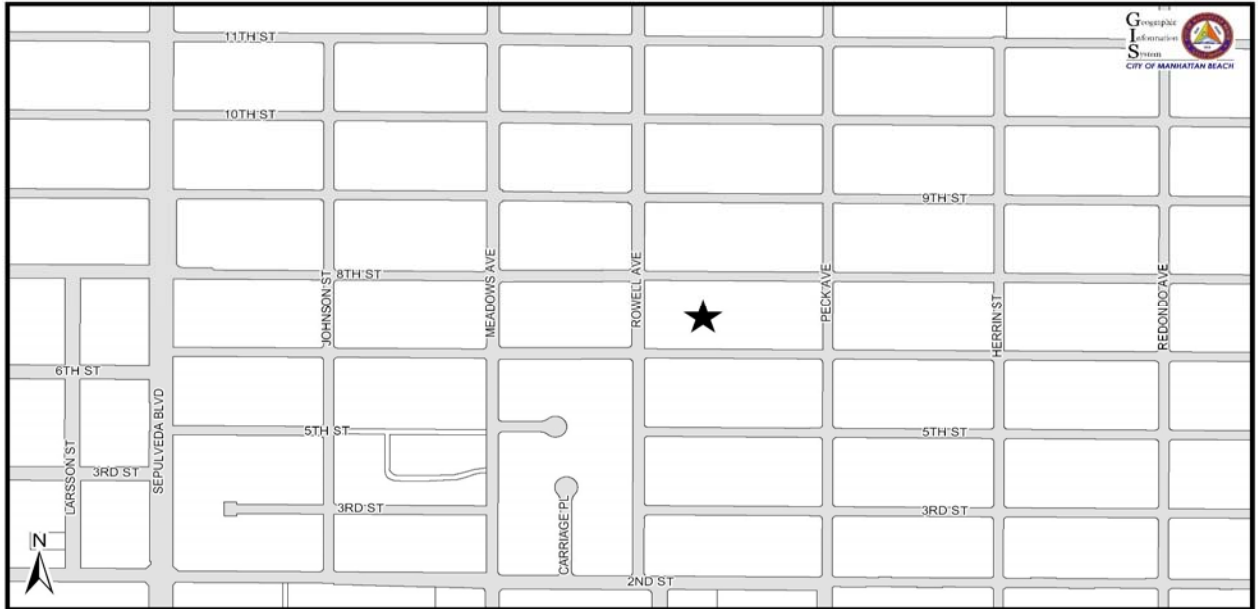
Project Title: Electronics Automation (SCADA)

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Water Fund

Carryover Project #: N/A

Original Funding Year: N/A

General Plan Element Goals: I-7

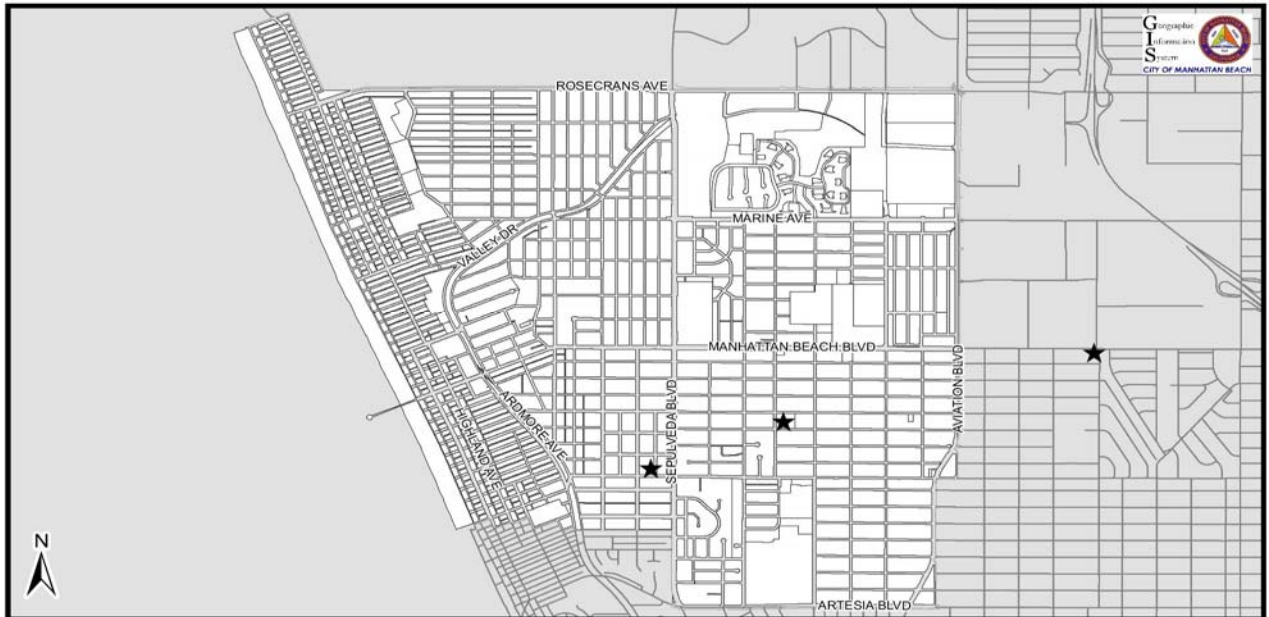
Project Title: Generator Upgrades at Larsson, Well 15 and Block 35

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

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

Project Cost Information:	Funding Source(s):	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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Stormwater Fund
Carryover Project #: 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.

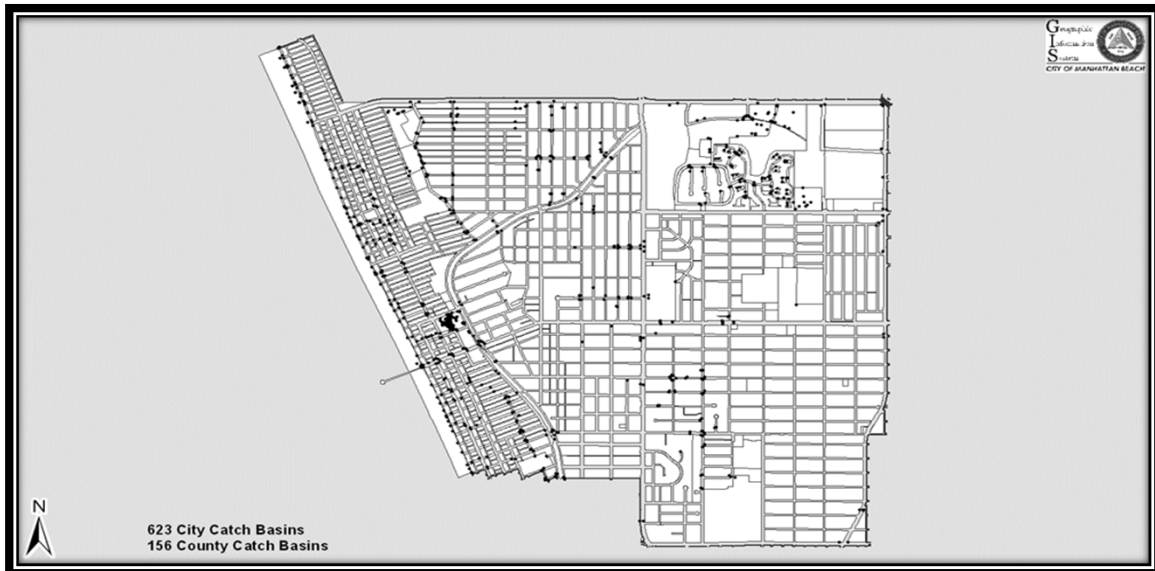
Justification: The National Pollutant Discharge Elimination System (NPDES) permit was reissued in winter 2012. This permit includes Total Maximum Daily Load (TMDL) requirements related to trash. The permit requires the installation of trash removal devices on all catch basins in the City. The Trash TMDL 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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Stormwater Fund

Carryover Project #: 15842E

Original Funding Year: 2014-15

General Plan Element Goals: I-9

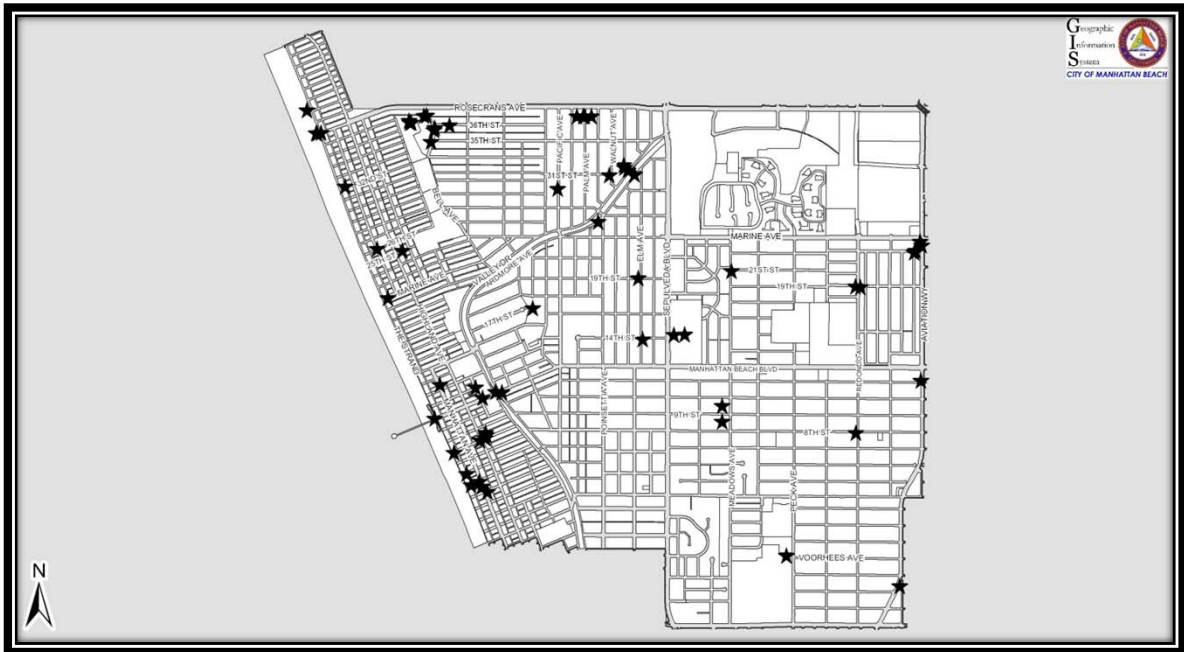
Project Title: Storm Drain Repairs

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Stormwater Fund
Carryover Project #: 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:

No map; citywide

City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Stormwater Fund
Carryover Project #: 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

City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Stormwater Fund
Carryover Project #: 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 Hermosa Beach's Greenbelt only; 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

City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Stormwater Fund

Carryover Project #: N/A

Original Funding Year: N/A

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

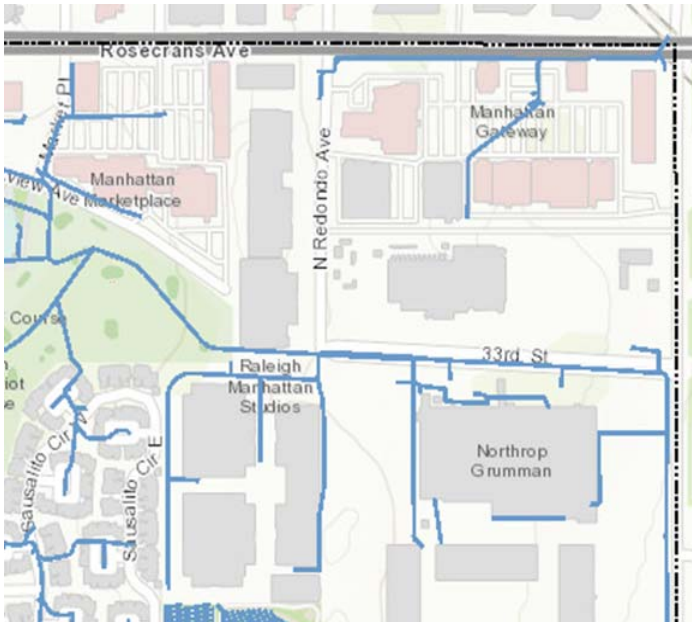
Project Title: Manhattan Village Trash Capture Device

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Wastewater Fund

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

Original Funding Year: Ongoing

General Plan Element Goals: I-8

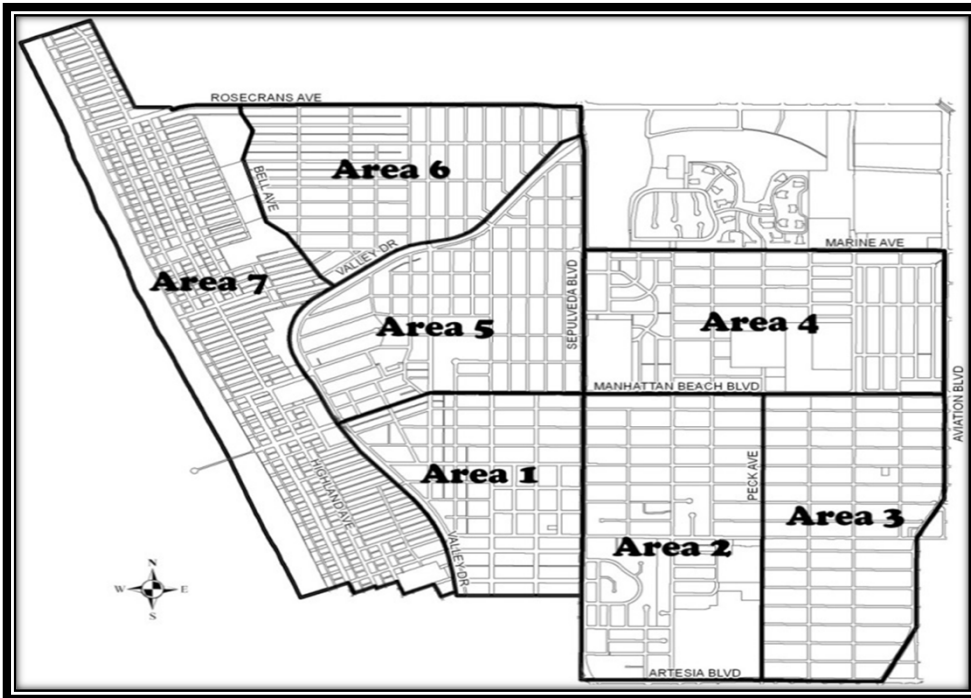
Project Title: Annual Rehabilitation of Gravity Sewer Mains

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	\$ 2,000,000	\$ 8,048,200
	TOTAL	\$ 1,648,200	\$ 1,100,000	\$ 1,100,000	\$ 1,100,000	\$ 1,100,000	\$ 2,000,000	\$ 8,048,200

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Wastewater Fund
Carryover Project #: 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.

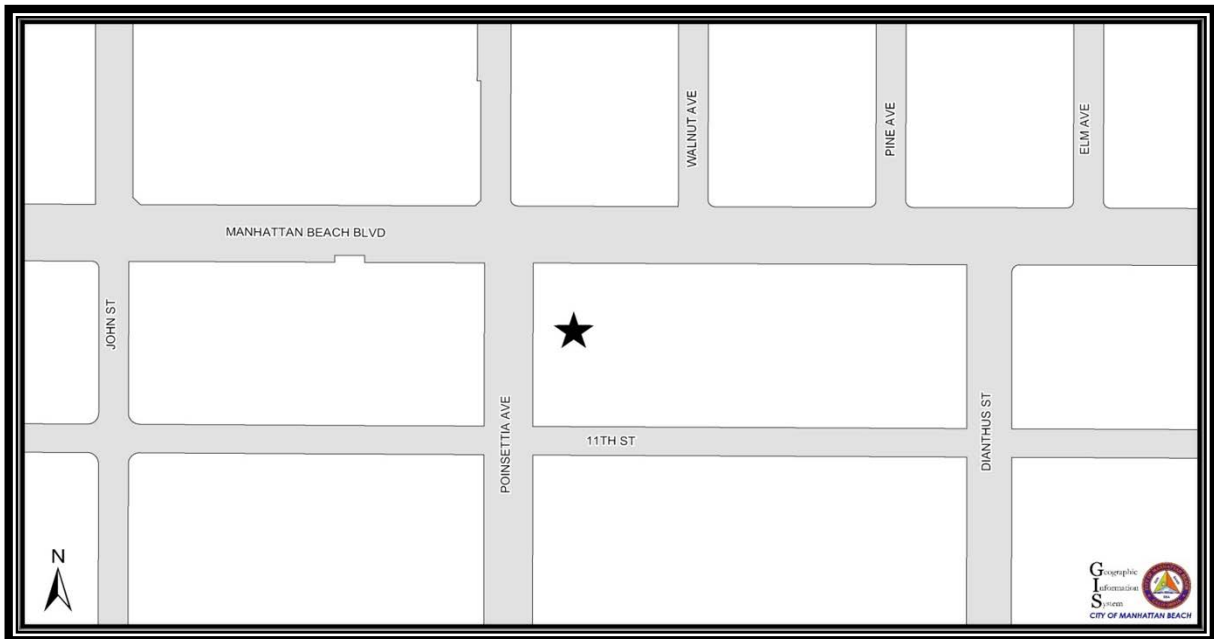
Justification: The Poinsettia Sewage Lift Station has the smallest wet well capacity of any of the City's lift stations. It has only 394 gallons and 4.7 minutes of emergency storage at the peak wet weather flow rate of 85 gpm. Emergency storage for a regular dry day during the morning peak is only 8 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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Wastewater Fund

Carryover Project #: N/A

Original Funding Year: N/A

General Plan Element Goals: 1-8

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

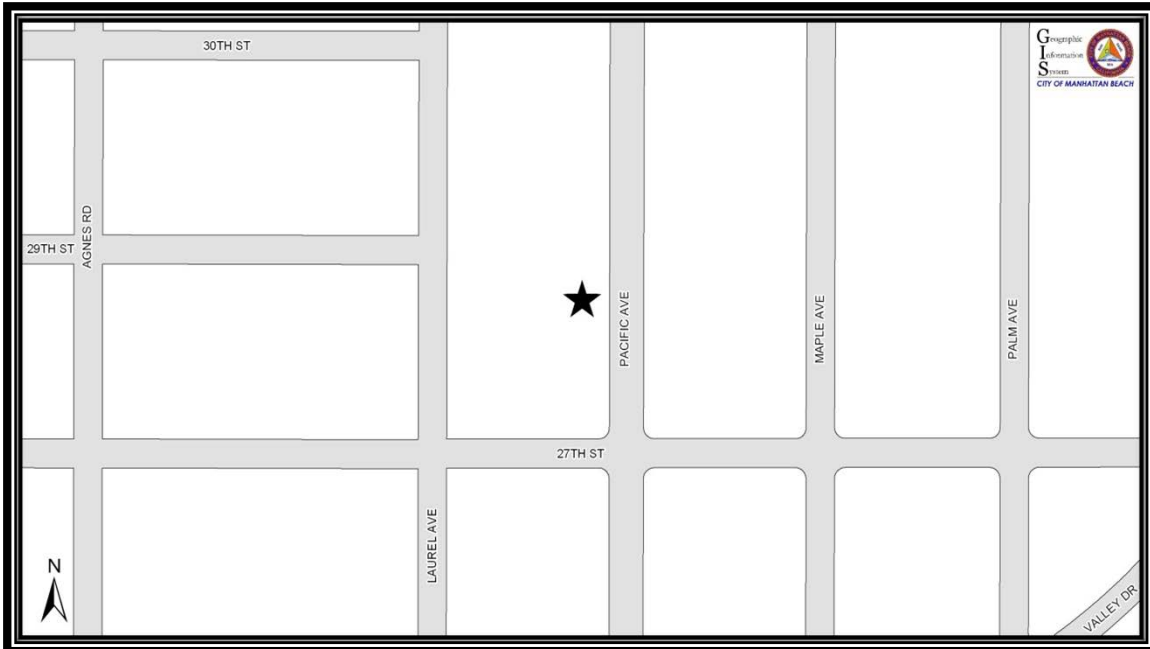
Description: Improvement of the Pacific Avenue Sewage Lift Station and installation of a second force main.

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Multiple Funds (Wastewater & Water)

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

Original Funding Year: 2010-11

General Plan Element Goals:

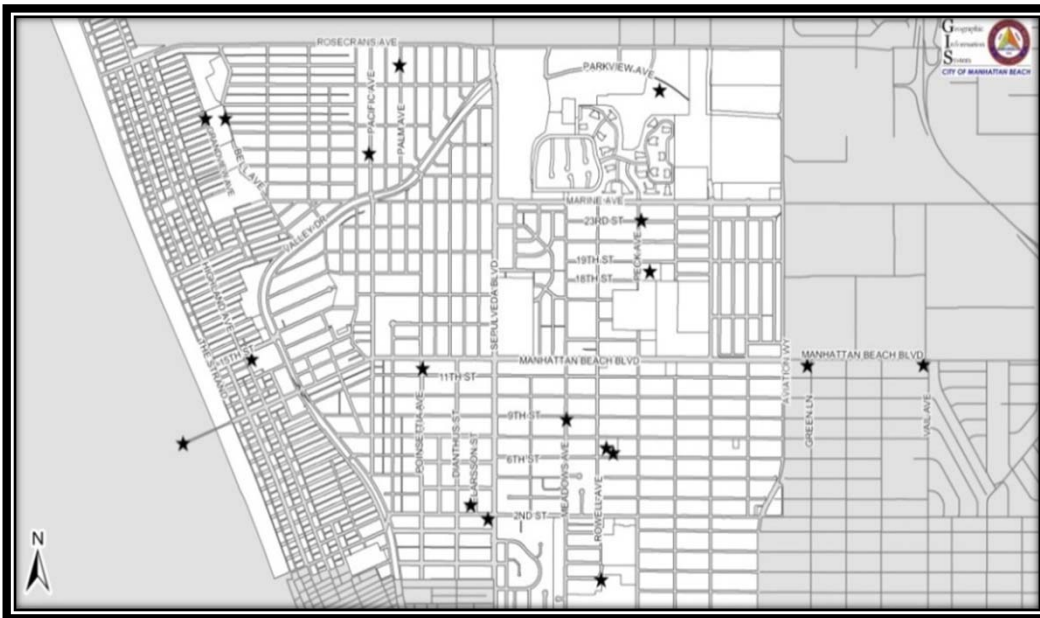
Project Title: Utility Telemetry

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Wastewater Fund

Carryover Project #: N/A

Original Funding Year: N/A

General Plan Element Goals: 1-8

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

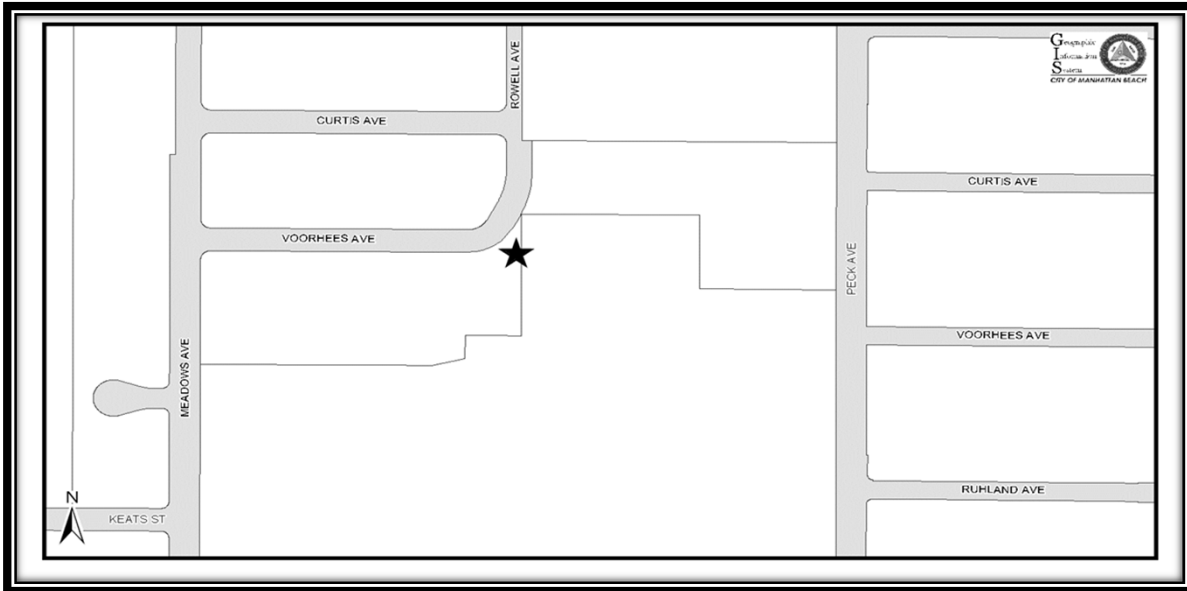
Description: Improvement of the Voorhees Sewage Lift Station and installation of a second force main.

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Wastewater Fund
Carryover Project #: N/A
Original Funding Year: N/A
General Plan Element Goals: 1-8

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

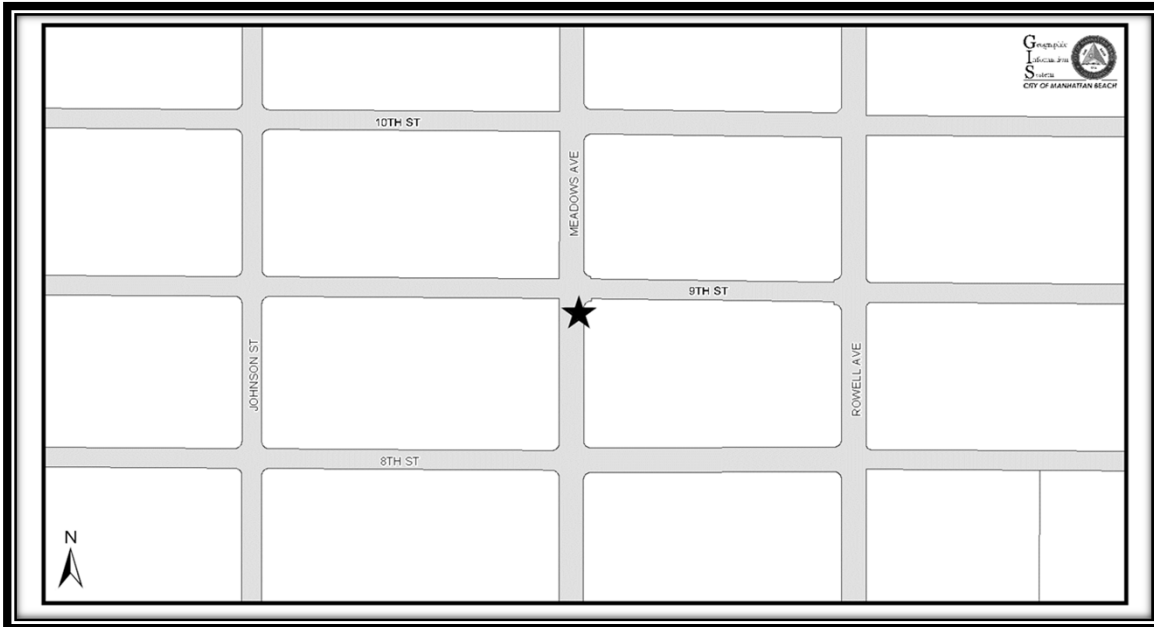
Description: Improvement of the Pacific Avenue Sewage Lift Station and installation of a second force main.

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Wastewater Fund
Carryover Project #: N/A
Original Funding Year: N/A
General Plan Element Goals: I-8, I-11

Project Title: 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

City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Wastewater Fund

Carryover Project #: N/A

Original Funding Year: N/A

General Plan Element Goals: I-8

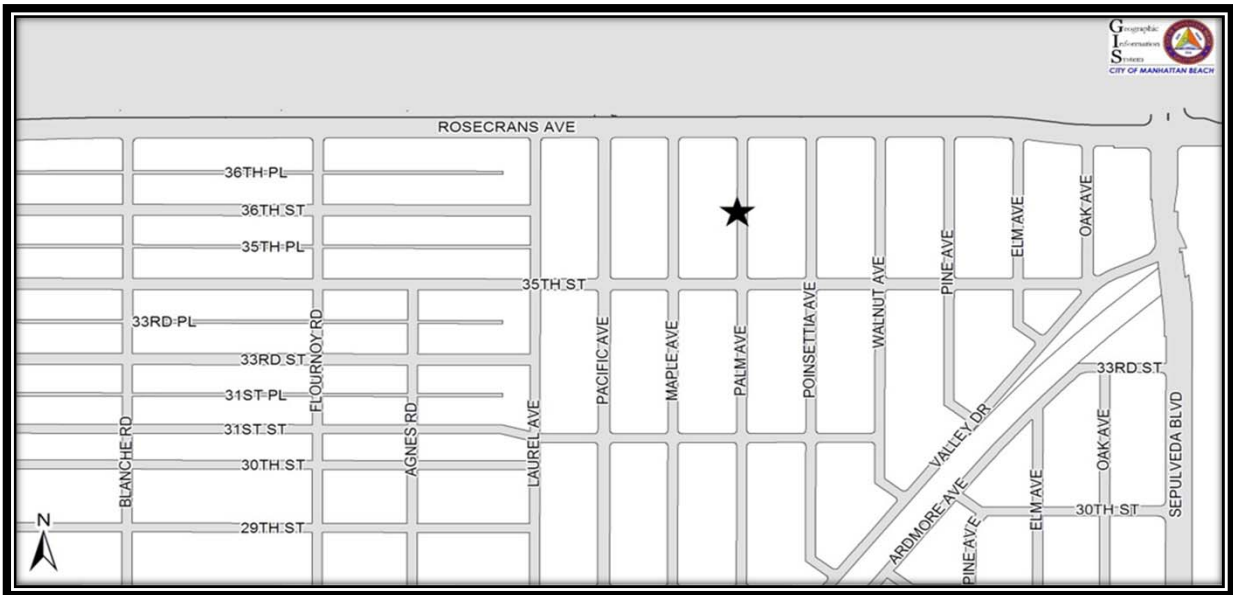
Project Title: Palm Lift Station Upgrade, Emergency Storage, and Force Main Replacement

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

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

Project Cost Information:	Funding Source(s):	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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Wastewater Fund

Carryover Project #: N/A

Original Funding Year: N/A

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

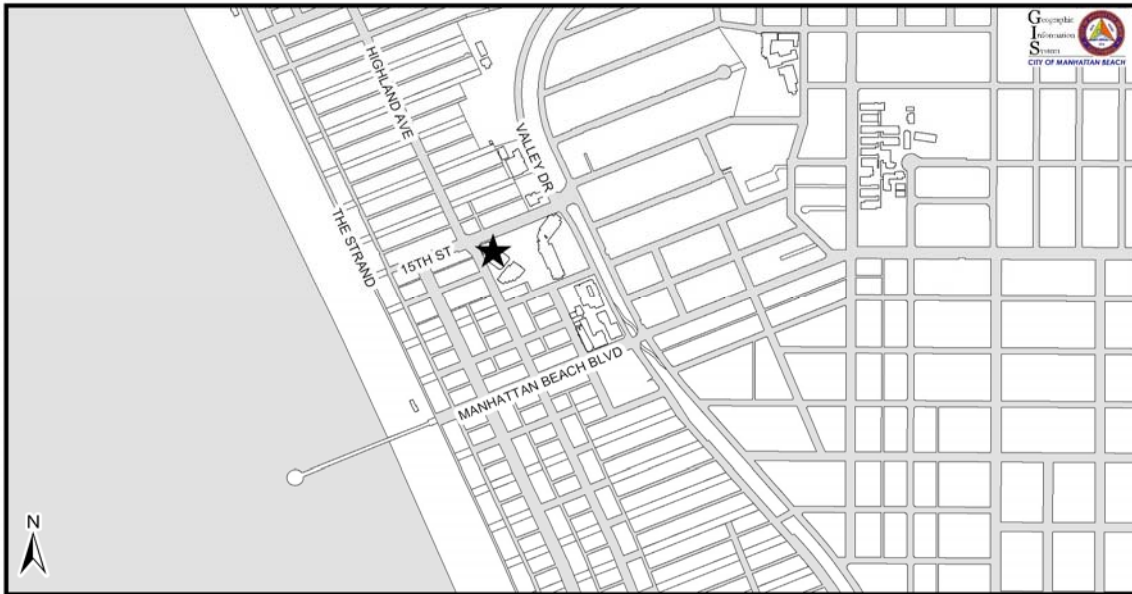
Project Title: City Hall Lift Station Upgrade, Emergency Storage, and Force Main Replacement

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

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

Project Cost Information:	Funding Source(s):	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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: 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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Parking Fund
Carryover Project #: 18701E
Original Funding Year: 2017-18
General Plan Element Goals: LU-3, CS-1

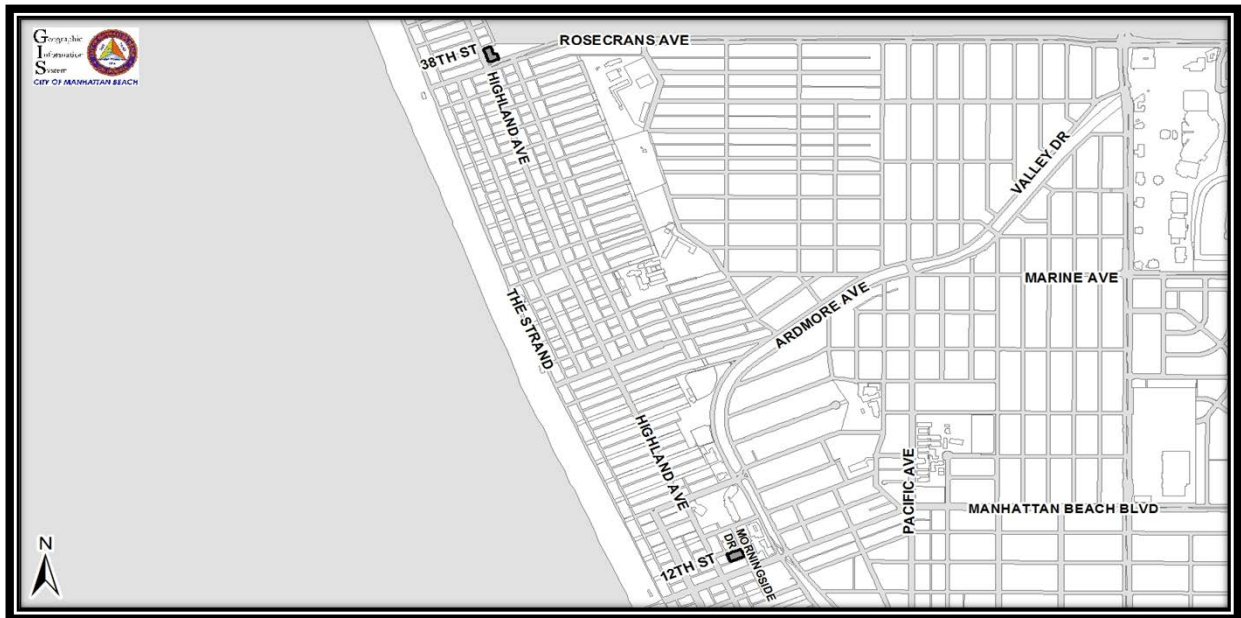
Project Title: Parking Structure Structural Rehab: Lot 4

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Parking Fund
Carryover Project #: N/A
Original Funding Year: N/A
General Plan Element Goals: LU-3, CS-1

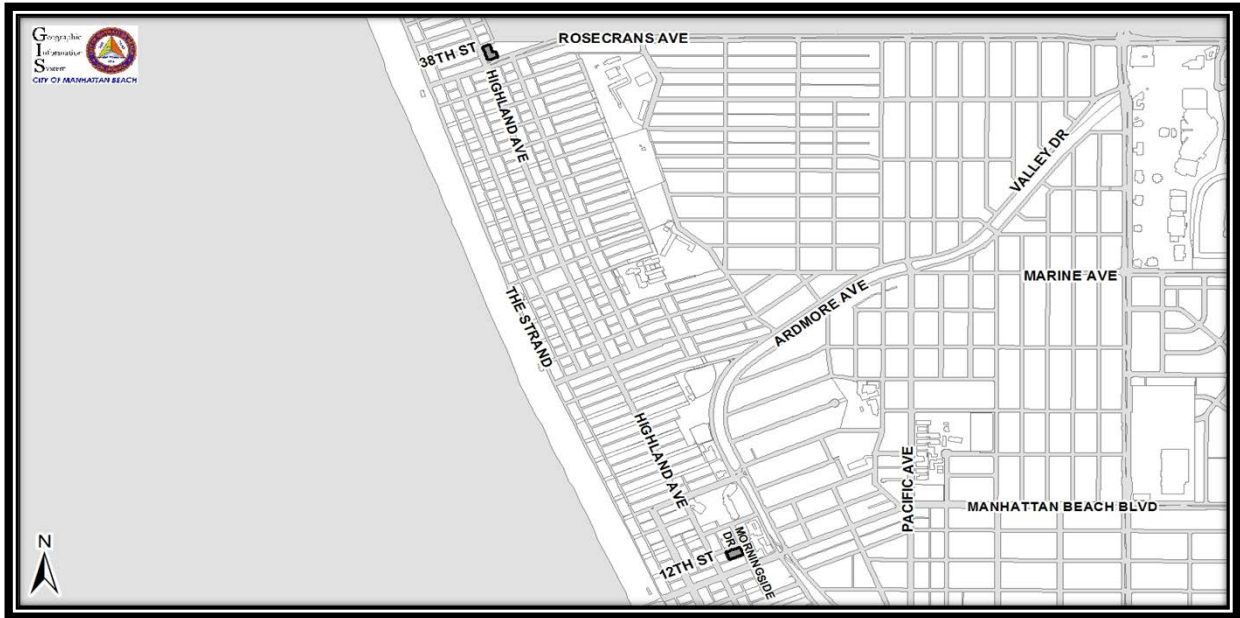
Project Title: Parking Structure Structural Analysis/Design: Lot 3

Description: 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:



City of Manhattan Beach
 CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Parking Fund
Carryover Project #: N/A
Original Funding Year: N/A
General Plan Element Goals: 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:

No map; citywide

City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: 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)

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

City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: State Pier & Parking Fund
Carryover Project #: 17801E
Original Funding Year: 2016-17
General Plan Element Goals: CR-1

Project Title: Pier Lot Safety Lighting

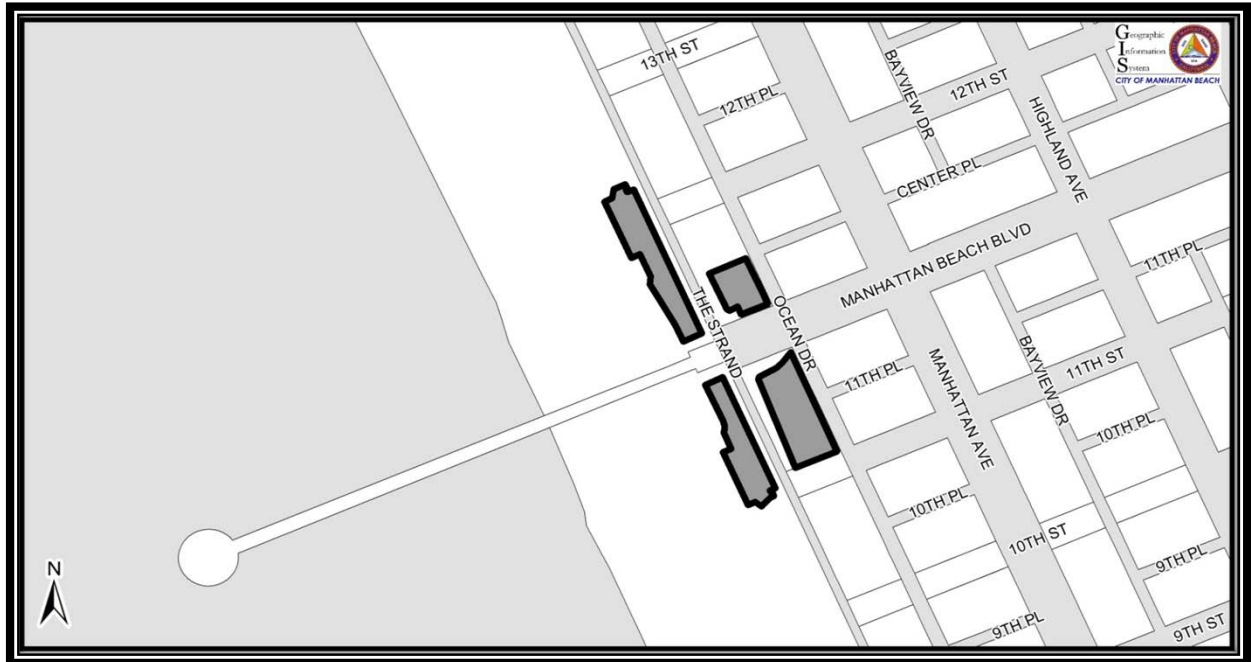
Description: Design and construct parking lot lighting in the Upper and Lower Pier lots.

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: State Pier & Parking Fund
Carryover Project #: 19801E
Original Funding Year: 2018-19
General Plan Element Goals: CR-1

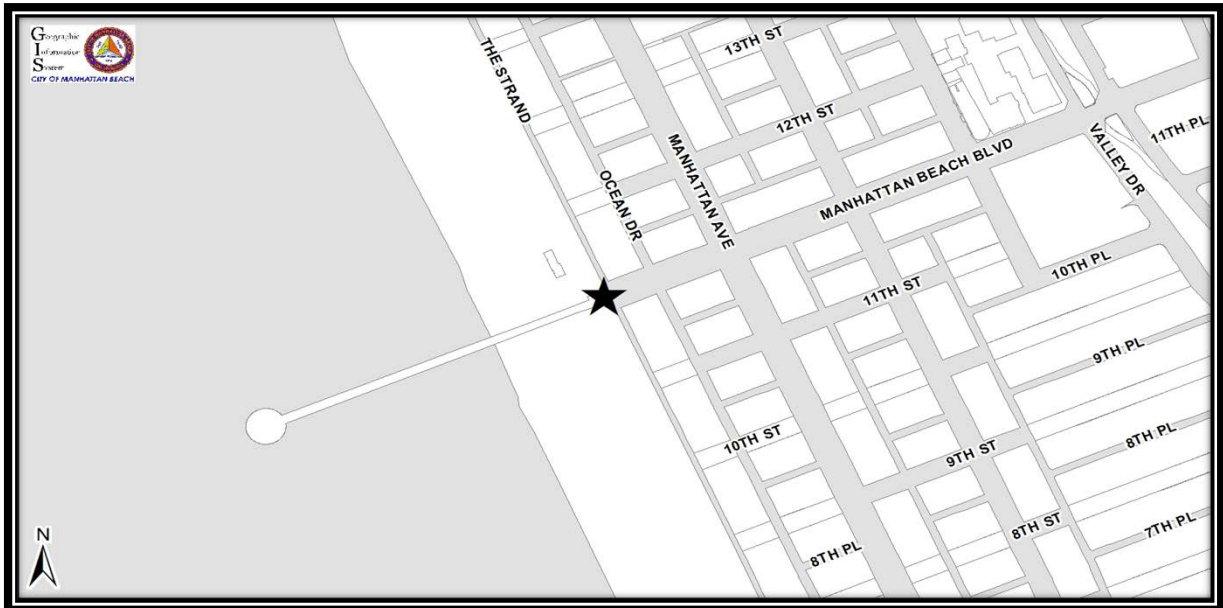
Project Title: Pier Railings: Design

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:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

Project Title: Annual Traffic Signal Upgrades/Replacements

Description: This annual program is designed to perform upgrades and replacements of traffic signals. A different area is addressed each year, so that the entire City is improved.

Justification: Although this title may be new to the CIP, the work is not. Rather than assign individual project numbers to each traffic signal location, this project number will represent all future traffic signal upgrade and replacement projects beginning FY19-20.

Estimated Project Cost: \$ 3,500,000.00 (\$700,000 Annually)

Location Map:

No map; citywide

City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

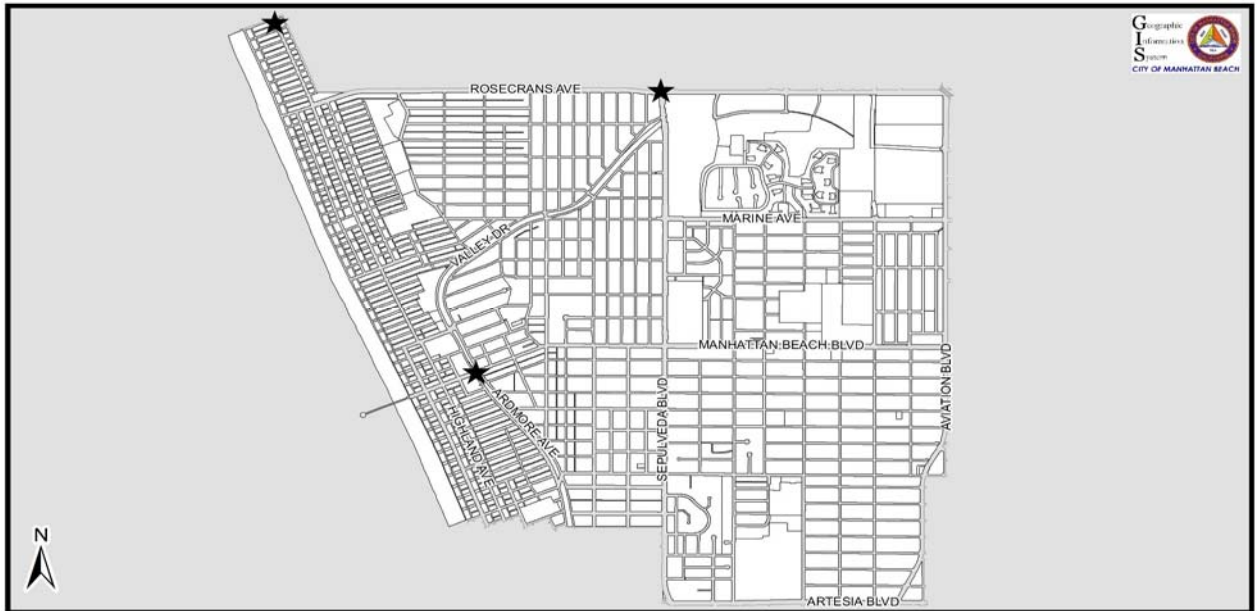
Project Title: License Plate Readers and Poles

Description: Install Fixed License Plate Readers on existing signal poles at northbound 45th St. at Highland Ave., the intersection of Valley Dr. and Manhattan Beach Blvd., and the intersection of Rosecrans Ave. and Sepulveda 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.

Estimated Project Cost: \$ 150,000.00

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

Project Title: El Porto Traffic Controls

Description: Complete a traffic study and determine and implement future design and construction projects for traffic control in El Porto.

Justification: The City has received concerns regarding the speed of vehicles, traffic controls, and pedestrian crossings in El Porto. This Project can address these concerns through traffic studies and identified traffic improvements.

Estimated Project Cost: Unknown

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

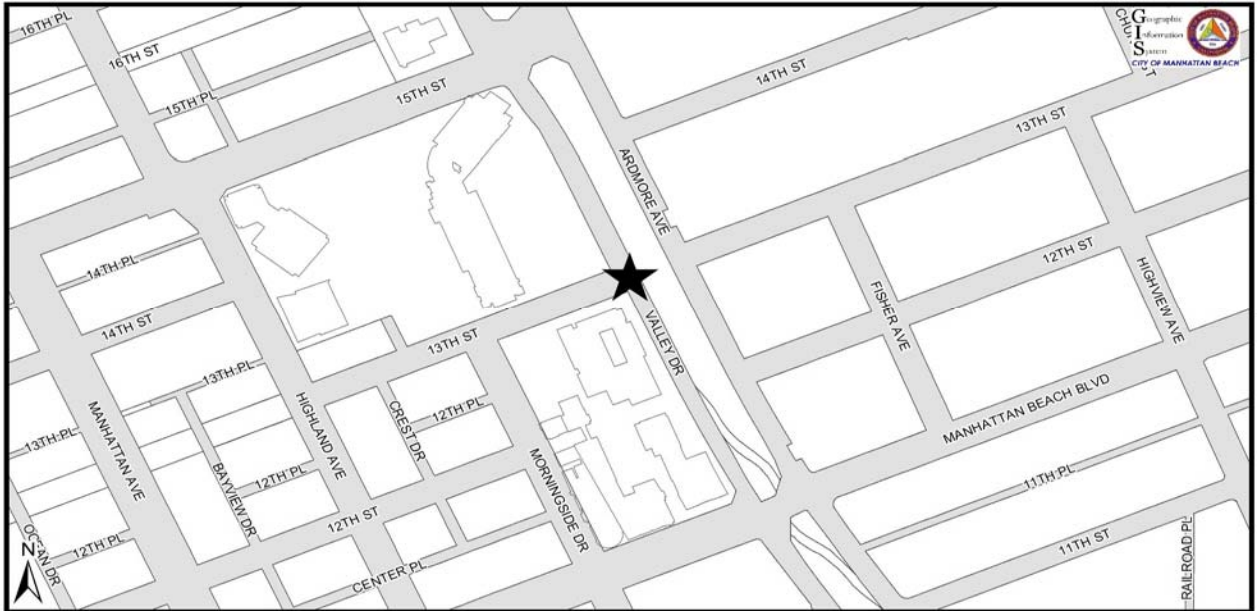
Project Title: Pedestrian Crossing at 13th St. and Valley Dr.

Description: Design and install a pedestrian crossing at 13th St. and Valley Dr.

Justification: The existing closest pedestrian crossings on Valley Dr. are at 15th St. and Manhattan Beach Blvd. This project would provide a pedestrian crossing at 13th St.

Estimated Project Cost: \$ 300,000.00

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

Project Title: Manhattan Beach Blvd. and Polliwog Midblock Pedestrian Crossing

Description: Design and install a midblock pedestrian crossing on Manhattan Beach Blvd. at Polliwog Park.

Justification: The existing closest pedestrian crossings on Manhattan Beach Blvd. at Polliwog Park are at Redondo Ave. and Peck Ave. This project would provide a midblock pedestrian crossing.

**Estimated
Project Cost:** \$ 250,000.00

**Location
Map:**

No map; exact point of crossing to be determined

City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

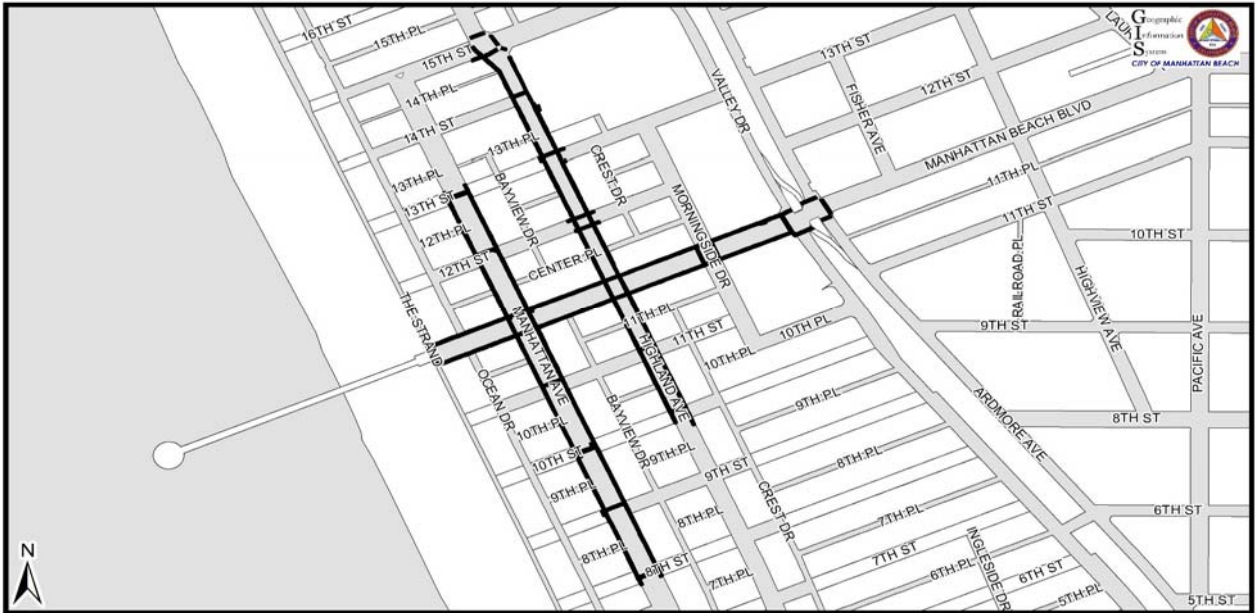
Project Title: Downtown Sidewalk and Crosswalk Replacement

Description: Replace sidewalks and crosswalks located downtown.

Justification: The existing sidewalks and crosswalks located downtown are deteriorated and rehabilitation is required.

Estimated Project Cost: \$ 2,000,000.00

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

Project Title: Install Tree Grates on Highland Ave.

Description: Installation of tree grates on Highland Ave.

Justification: The sidewalk is narrow in locations where there are trees in the sidewalk along Highland Ave. This project would widen the walking pathway.

Estimated Project Cost: \$ 225,000.00

Location Map:

No map; various locations Downtown on Highland Ave.

Category:

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

Funding Source: Unfunded

Carryover Project #: N/A

Original Funding Year: N/A

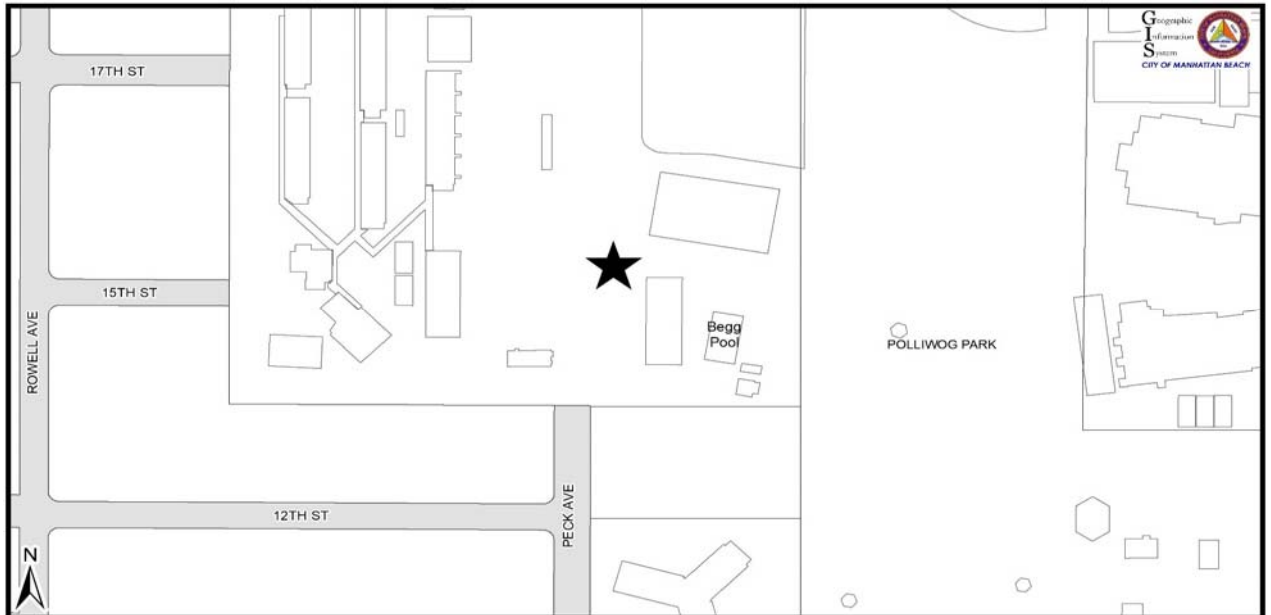
Project Title: Begg Pool Access Road - Widen and New Retaining Wall

Description: Design and construction for a new retaining wall and widening the access road to Begg Pool.

Justification: The access road to Begg Pool needs to be widened to accommodate emergency services, and widening the roadway requires the installation of a new retaining wall.

Estimated Project Cost: \$ 500,000.00

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

Project Title: Replace Three Banner Poles Across Streets

Description:

Replace the infrastructure needed to hang street banners across three city streets:

1. Across Sepulveda Blvd., at Manhattan Beach Blvd.
2. Across Sepulveda Blvd., at Marine Ave.
3. Across Highland Ave, just north of Rosecrans (potentially new location at request of North End Business Improvement District; exact cross street TBD)

Justification:

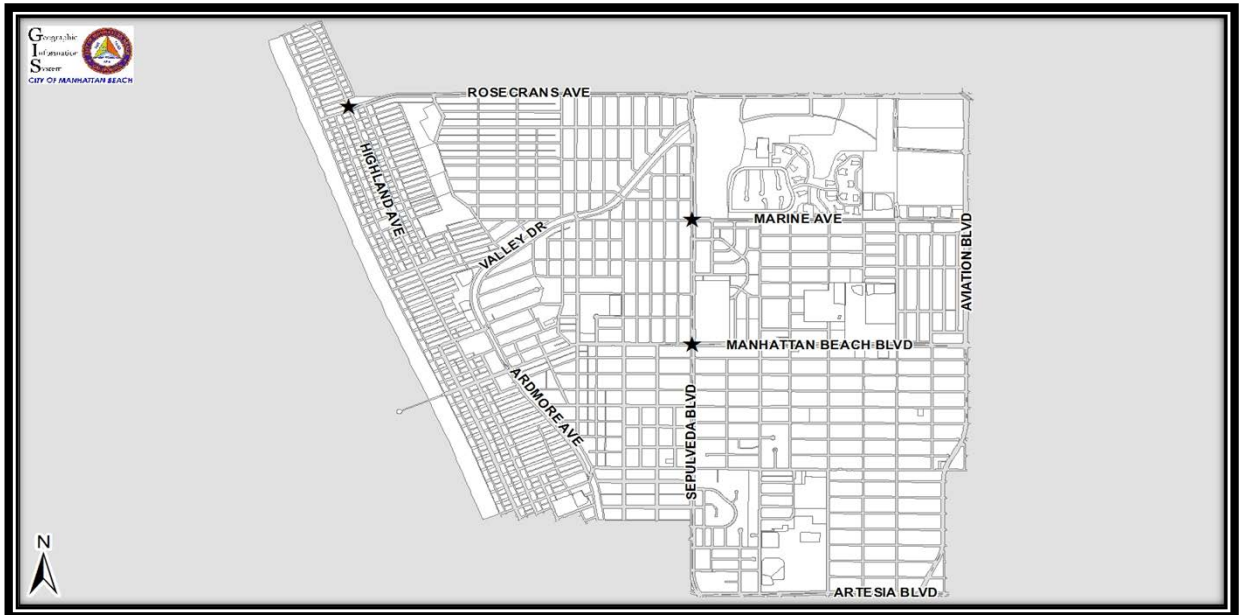
The banner poles along Sepulveda Blvd. are showing signs of structural failure and cannot safely withstand the stresses caused by banners under high winds conditions. They need to be upgraded by installation more durable steel poles that can withstand higher wind loads. These poles will need to be custom made for each site and require significant foundation work to ensure their structural integrity. Similarly, the North End Business District would like to have banner poles installed near the Highland Ave/Rosecrans Blvd intersection as their gateway location. This project would install a total of 6 poles at these three strategic locations.

Estimated

Project Cost: \$ 450,000.00

Location

Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

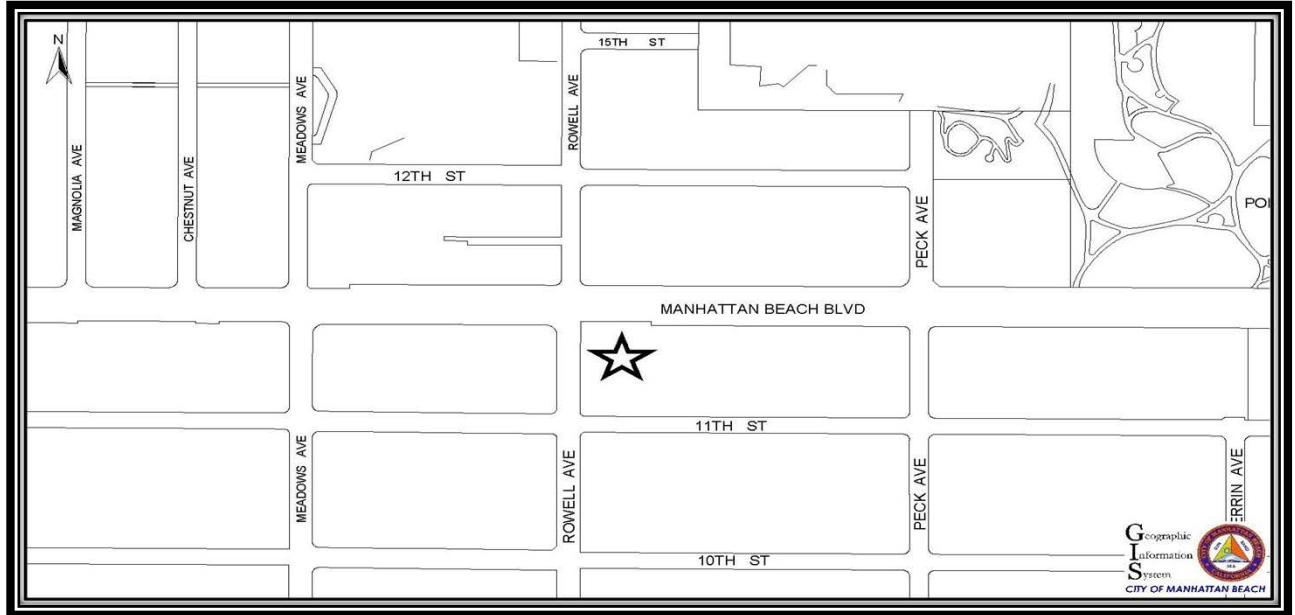
Project Title: Fire Station 2: Construction

Description: Demolish existing Fire Station No. 2 building, located at 1400 Manhattan Beach Blvd., and construct new Fire Station No. 2 on the same site.

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 will provide a new fire station that will meet current design standards and the Fire Department's needs.

Estimated Project Cost: \$ 8,000,000.00

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded

Carryover Project #: N/A

Original Funding Year: N/A

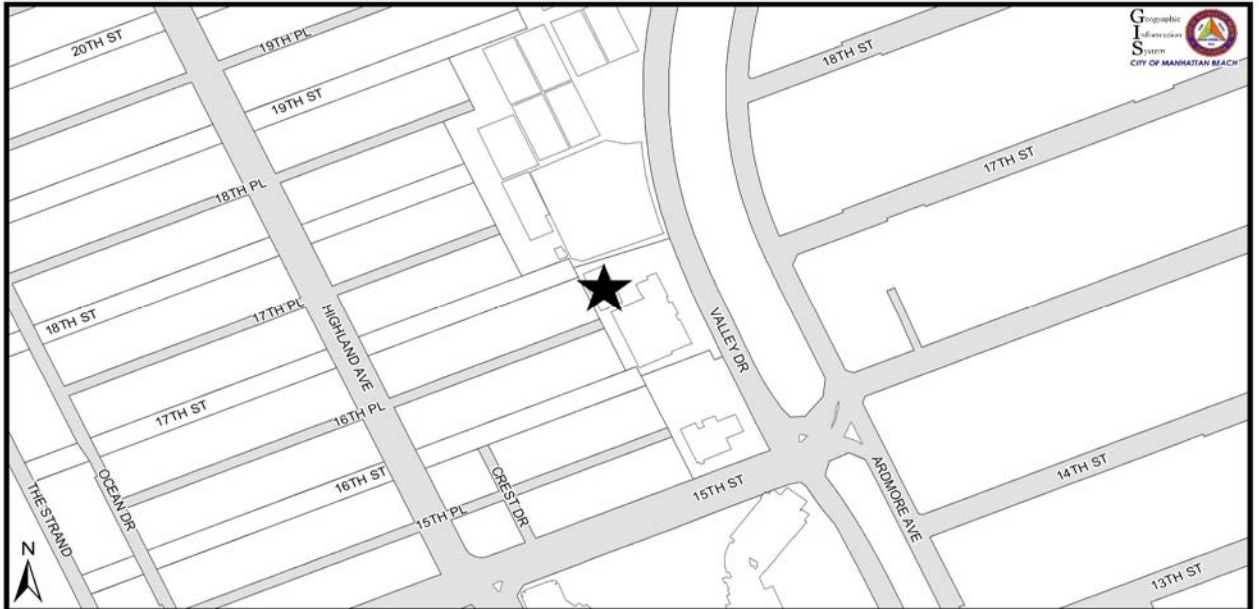
Project Title: Scout House: Construction

Description: Construction of the shell of the building for a new Scouts and Seniors Community Center.

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.

Estimated Project Cost: \$ 450,000.00

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

Project Title: Historic House Interior/Exterior Repairs

Description: Interior and exterior renovations to the Historic House.

Justification: A Facility Assessment is anticipated to be completed in May 2019, and this Facility Assessment will identify necessary interior and exterior repairs for the Historic House.

Estimated Project Cost: \$ 200,000.00

Location Map:

City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

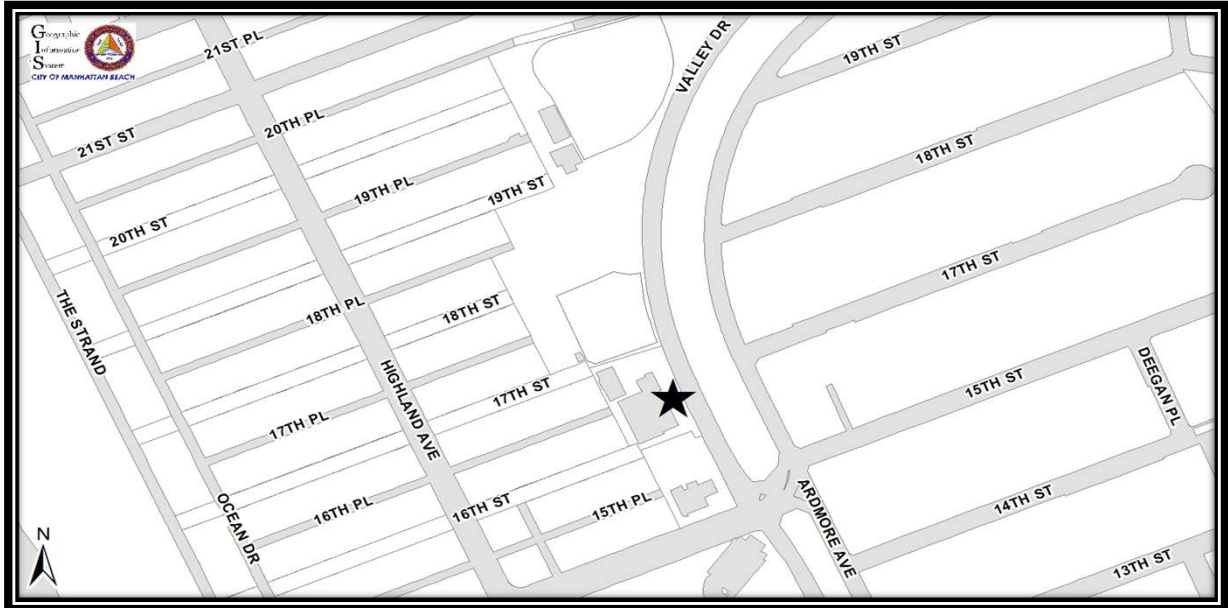
Project Title: Joslyn Center Exterior Upgrades

Description: Exterior upgrades to the Joslyn Center including crack repairs, window perimeter sealants, roof access, stucco, and paint.

Justification: A Facility Assessment was completed in 2013, and the Facility Assessment identified exterior features of the Joslyn Center that are in need of upgrades.

Estimated Project Cost: \$ 500,000.00

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

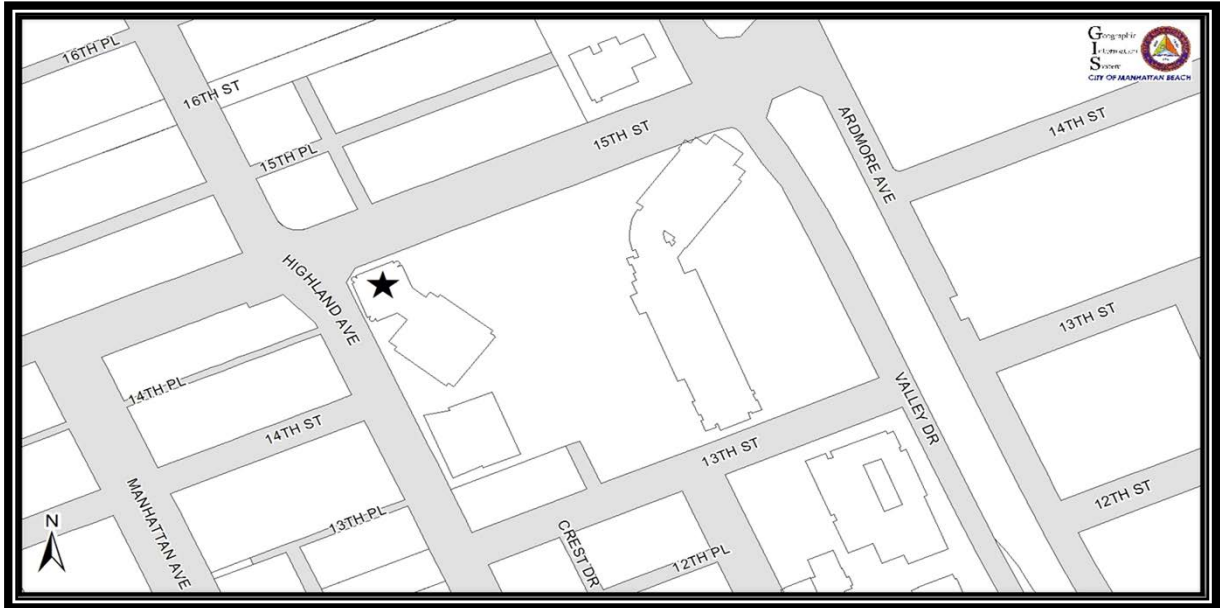
Project Title: City Hall Interior Façade Improvements

Description: Improvements to the interior façade of City Hall.

Justification: Various interior façade improvements have been identified to address deteriorated areas of City Hall.

Estimated Project Cost: \$ 100,000.00

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

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.

**Estimated
Project Cost:** \$ **250,000.00**

**Location
Map:**

No map; location to be determined

City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

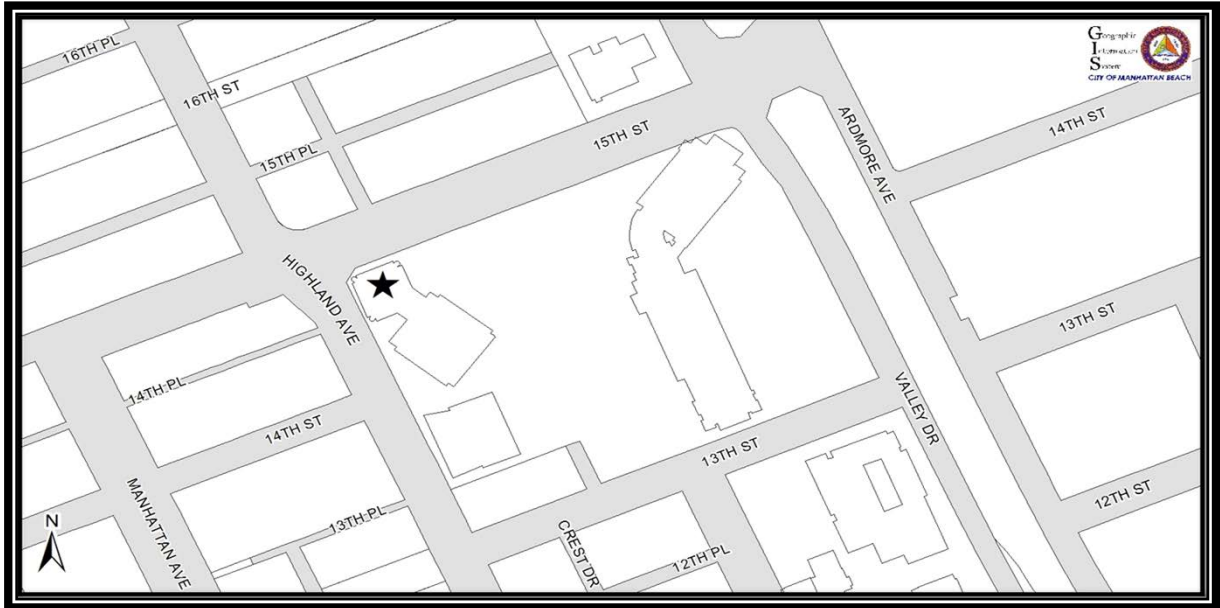
Project Title: City Hall Security Camera Installation

Description: Install security cameras at select locations at City Hall

Justification: Security cameras in select locations at City Hall is intended to improve security and safety for the community.

Estimated Project Cost: \$ 250,000.00

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

Project Title: Earthquake Assessment of City Facilities

Description: Complete an Earthquake Assessment of City Facilities.

Justification: City facilities are showing signs of weathering and deterioration. Additionally, there have been significant earthquake code amendments since the facilities were originally constructed. This project will identify structural deficiencies and provide recommendations on addressing the findings.

Estimated Project Cost: \$ 500,000.00

Location Map:

No map; citywide facilities

City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

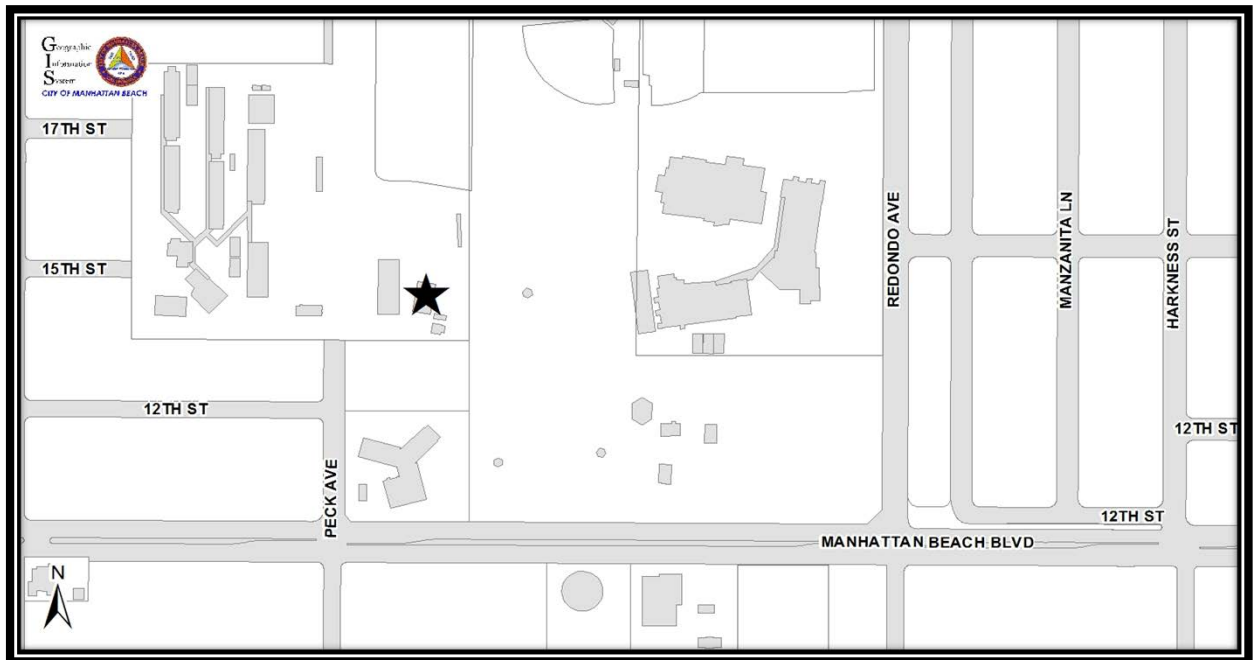
Project Title: Begg Pool Remodel/Replacement

Description: Upgrade or replace Begg Pool. Options include creating a splash pad, training pool and competition pad, bleachers, facility and parking improvements.

Justification: Over 12,000 people participate in various aquatics programs. However, Begg pool is in poor condition. The concrete deck is concaved and cracked; the locker rooms lack ventilation; and several showers are out of service. The internal plumbing is deteriorated and rusted. The community has expressed a desire for an upgraded facility that can meet the aquatic needs for diverse user groups. The City recently completed a Planning Study that provided a conceptual assessment of a new city aquatics complex, including space requirements, facility amenities, staff and operations, evaluation of three potential site locations (including Begg Pool's location); and probable costs. The estimated cost for a new complex is approximately \$18 million.

Estimated Project Cost: \$ 18,000,000.00

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded

Carryover Project #: N/A

Original Funding Year: N/A

Project Title: Marine Ave. Park Older Adult Exercise Equipment

Description: Design and construct older adult exercise equipment at Marine Avenue Park.

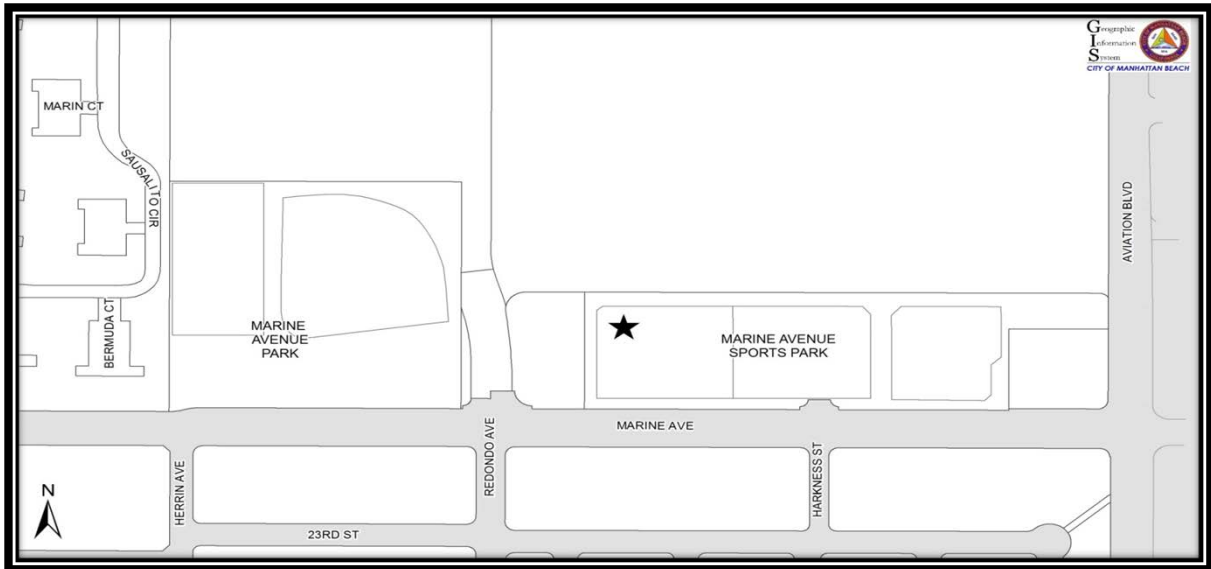
Justification: The Older Adults Park at Marine Avenue could be an outdoor locale for men and women 55+ to exercise, socialize, enjoy nature, and meet other residents. It would also be a free, positive activity for grandparents to enjoy with their grandchildren. The park would feature specially-designed exercise stations aimed at men and women 55+ to help with agility, balance, strength, etc. While the older adults utilize the stations, their grandchildren could enjoy the playground adjacent to them.

Estimated

Project Cost: \$180,000.00

Location

Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded

Carryover Project #: N/A

Original Funding Year: N/A

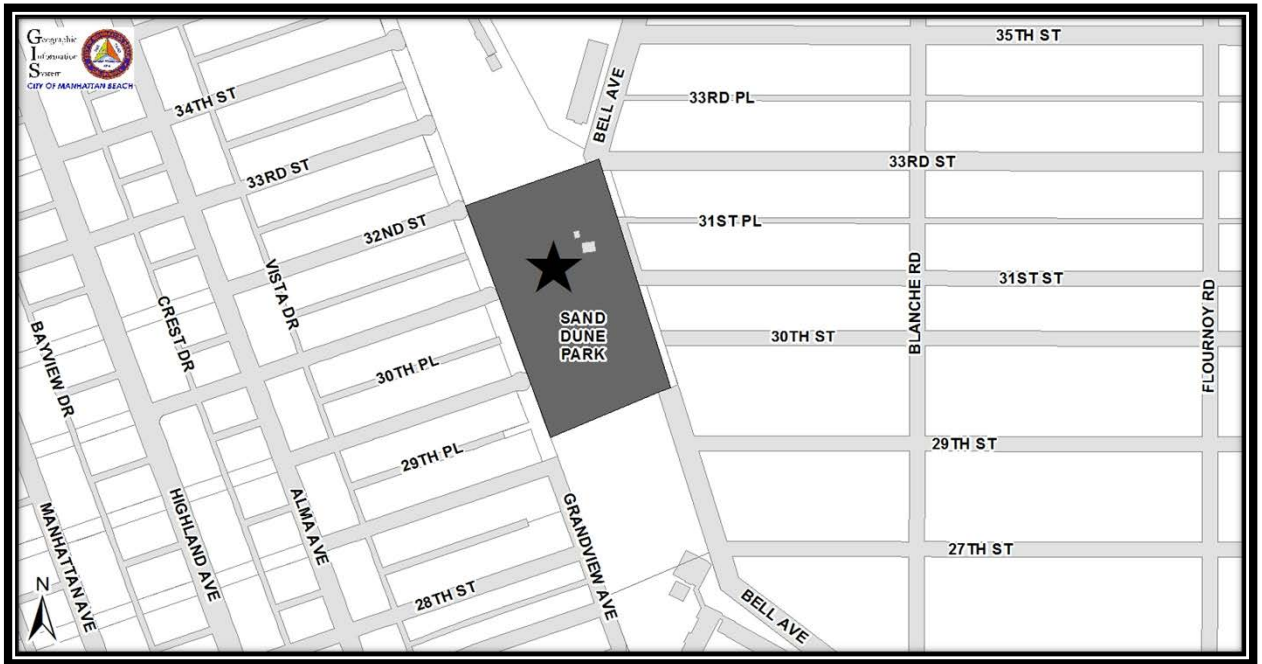
Project Title: Sand Dune Park Building Improvements

Description: Complete renovation and/or construction of a new building at Sand Dune Park.

Justification: The current building does not meet the operational programming needs of the Parks Department at Sand Dune Park. The building is too small and deteriorated, and due to usage, this park's amenities need significant improvements. Initial recommendations include consideration to demolish and build a new building that will provide ADA compliant restrooms as well as ample storage and offices, and room for after school activities. Additional improvements include replacing the existing picnic shelter and expanding the concrete play pad to the south, replacing the wooden stairs with concrete steps, increase security lighting along the steps, and walkways and replacing the drinking fountain.

Estimated Project Cost: \$ 1,000,000.00

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

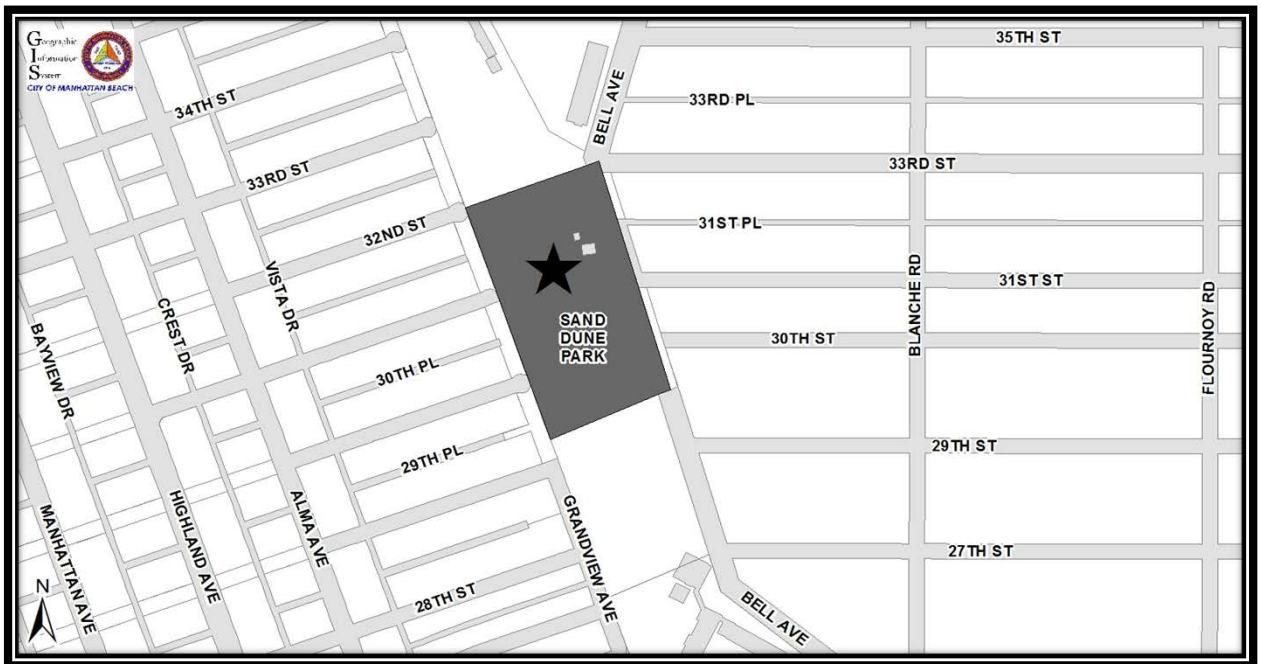
Project Title: Sand Dune Park Playground Upgrades

Description: Upgrades to the playground at Sand Dune Park.

Justification: The playground equipment at Sand Dune Park is showing signs of deterioration from use and needs upgrades.

Estimated Project Cost: \$ 150,000.00

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

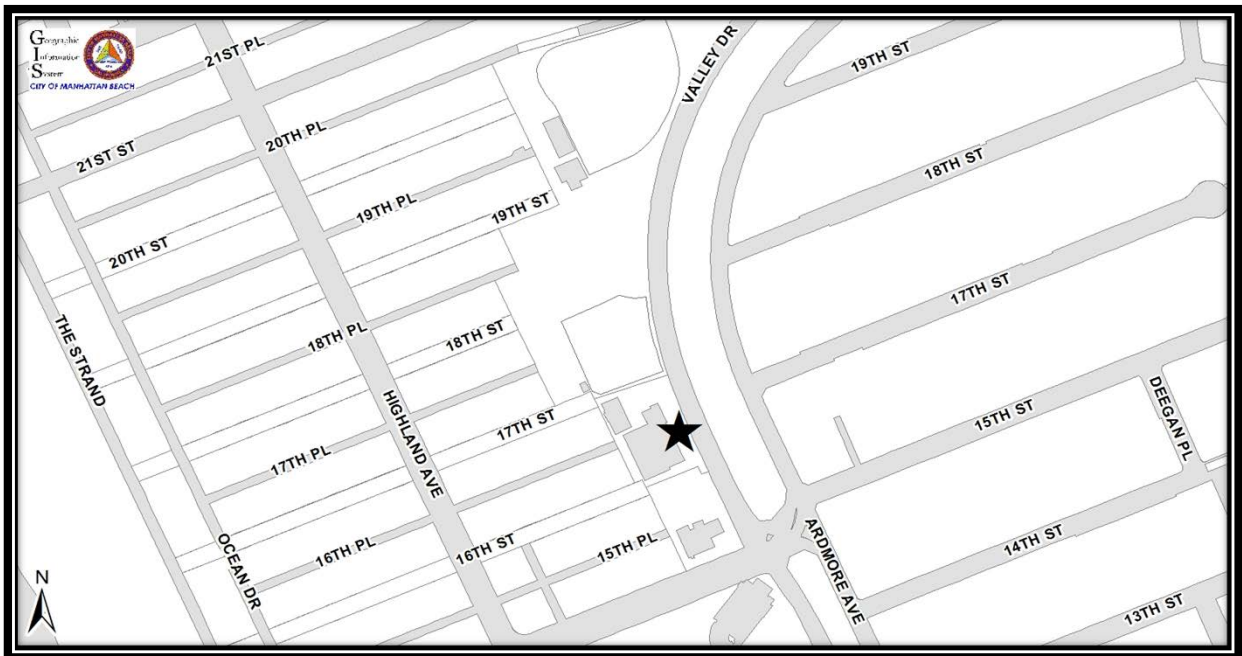
Project Title: Joslyn Center Recreation Upgrades: Shuffleboard, Tetherball

Description: Upgrades to the playground at Sand Dune Park.

Justification: The Joslyn Center, which includes the OASIS Center for the City's active senior community, is well-utilized and recreational activities such as Shuffleboard and Tetherball need to be upgraded at the facility.

Estimated Project Cost: \$ 80,000.00

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: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

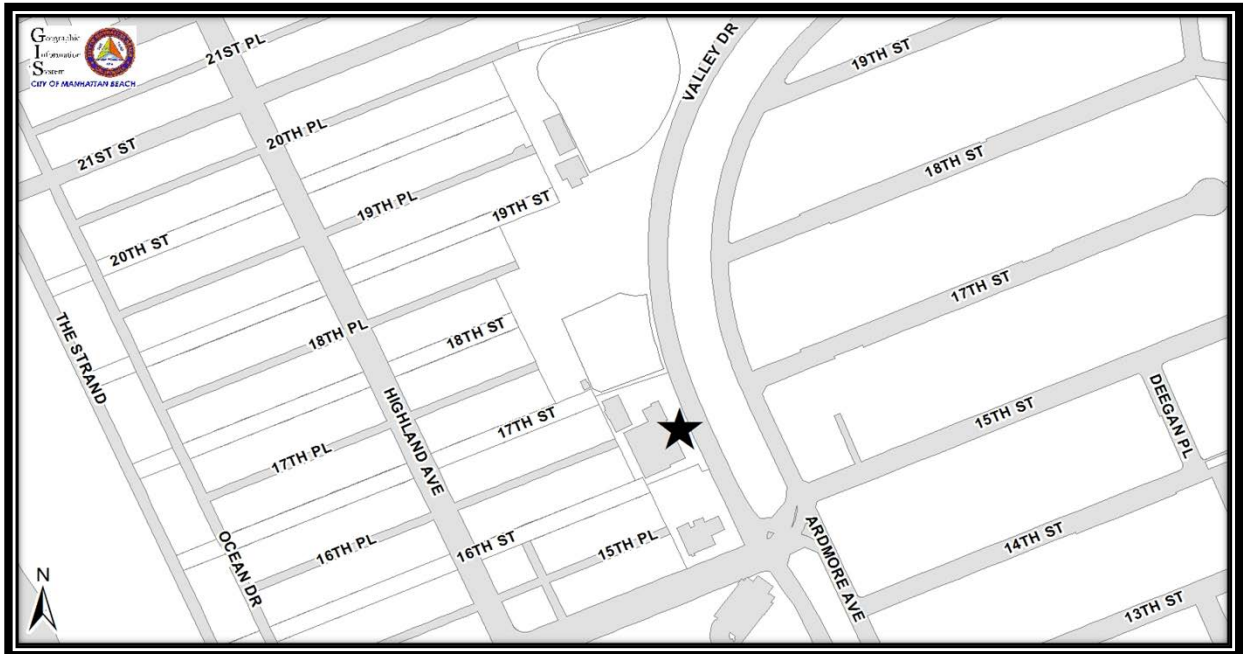
Project Title: Joslyn Center OASIS Patio and Outside Deck Installation

Description: To extend the area for the Older Adults of Manhattan Beach by installing a small patio/ deck off of the OASIS room.

Justification: Installation of a small patio/ deck off of the OASIS room is being recommended to be used for general leisure, picnics, potlucks, BBQs, etc. Composite decking with footings, railing with built-in benches to seat 15, and an awning that allows for the breeze to flow through would be included. This is for the area outside of the OASIS room at the Joslyn Center and approximately 11.5' x 5'. The obstacles include a maple tree, meter, and large BBQ, which would need to be relocated. Additionally, there is grading, irrigation relocation and landscaping work required.

Estimated Project Cost: \$ 150,000.00

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded

Carryover Project #: N/A

Original Funding Year: N/A

Project Title: Security Cameras at Parks, Facilities, Fields and Skate Spot

Description: Install security cameras in parks and park facilities.

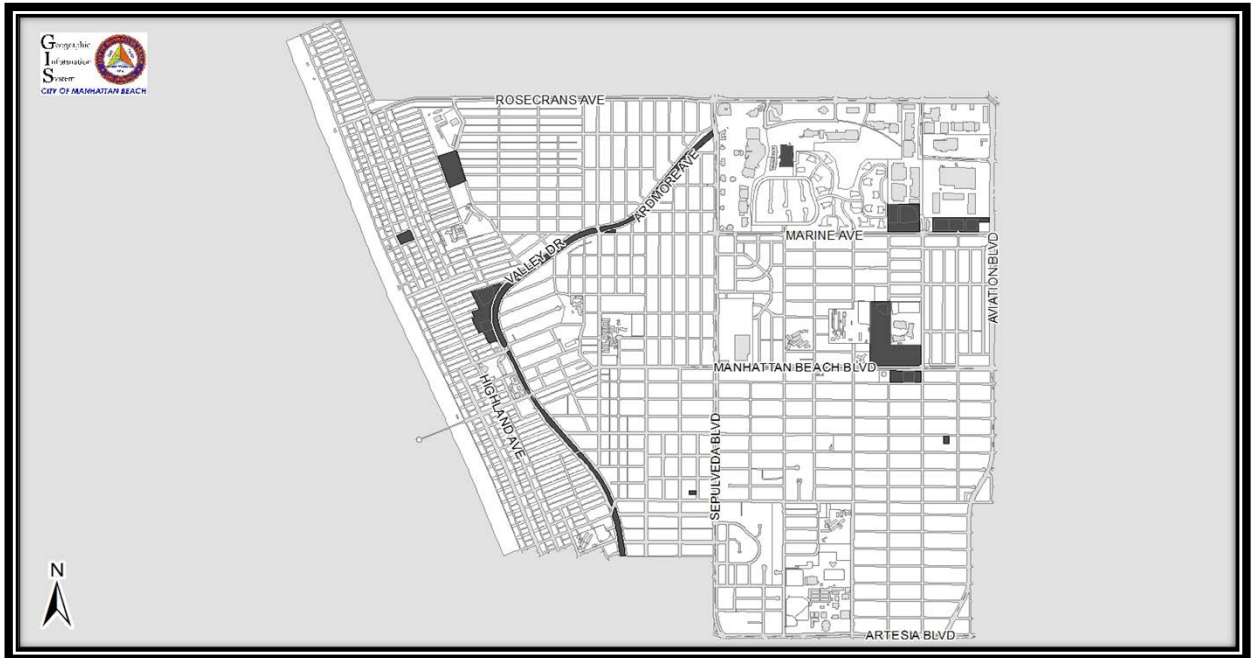
Justification: This project proposes to install security cameras at strategic locations for five Parks facilities to improve the safety of the facility as well as its user groups and staff. Specific camera installations would be determined in partnership with the Police Department to maximize the benefits of the security cameras. Specific parks include: Sand Dune, Live Oak, Marine Skate Spot, Polliwog and Manhattan Heights.

Estimated

Project Cost: \$ 180,000.00

Location

Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded

Carryover Project #: N/A

Original Funding Year: N/A

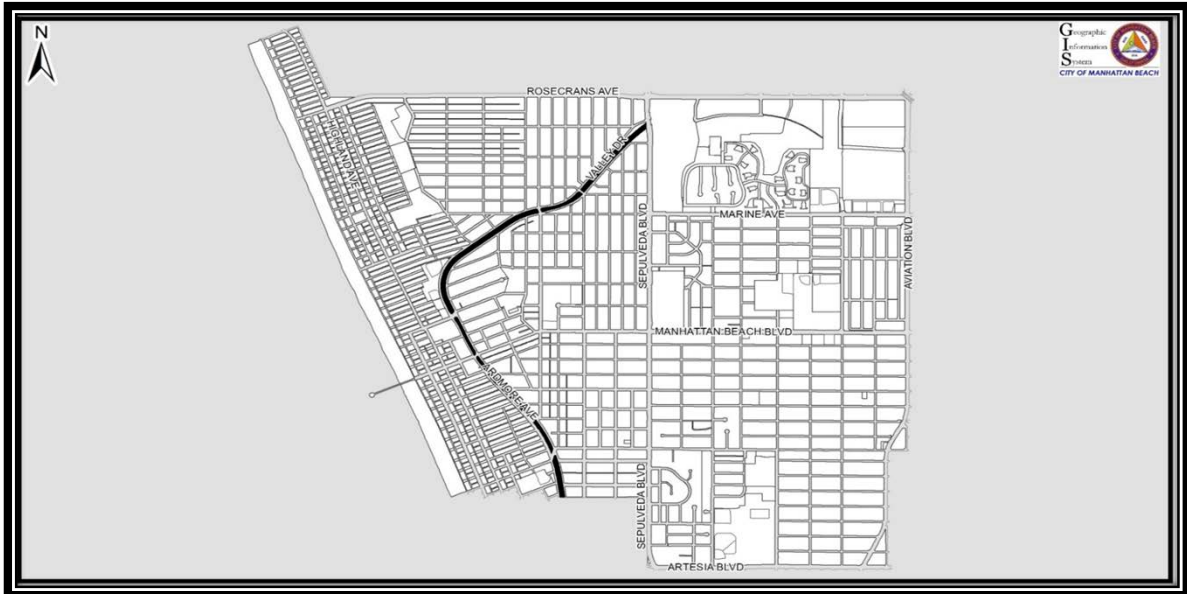
Project Title: Bike Path Along Veterans Parkway

Description: Design and construction of a bike path along Veterans Parkway.

Justification: There is currently not a bike path spanning the length of the City from north to south. This project would provide this by installing a bike path along Veterans Parkway. This would also provide an alternate path for bikes to cross Sepulveda Blvd. at Rosecrans Ave.

Estimated Project Cost: \$ 600,000.00

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: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

Project Title: Strand Fitness Station Upgrade/Replacement

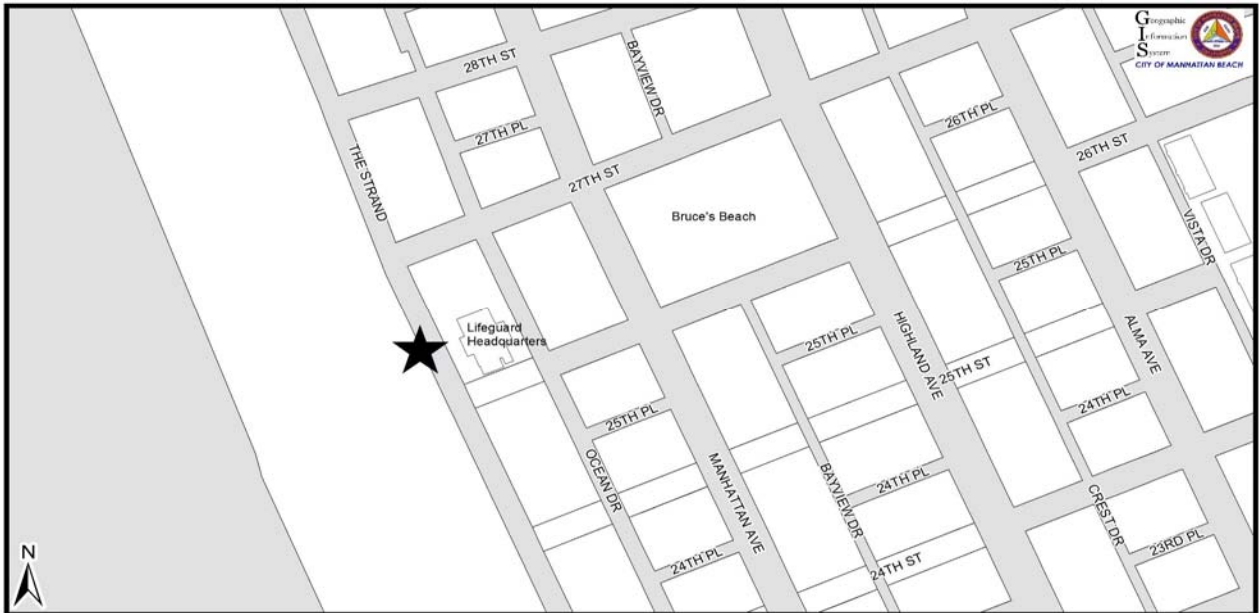
Description: Upgrade or replacement of the Strand Fitness Station.

Justification: The current fitness equipment and surfacing at the Strand 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.

Estimated Project Cost: \$ 50,000.00

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

Project Title: Repair, Upgrade, Standardize Picnic Pads at All Parks

Description: Repair and expand picnic pads at all parks facilities where they are present by replacing all single grills with grill/hot coal units and replace all picnic tables with standardized styles.

Justification: There is an ongoing, general request to upgrade these amenities at all parks. This project would carry out those requested upgrades, with priority given to the locations receiving the highest reservation requests. It would also enhance access for stroller and ADA users.

Estimated Project Cost: \$ 160,000.00

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

Project Title: Downtown Tree Replacement and Irrigation Upgrades

Description: Replace trees downtown and upgrade the associated irrigation systems.

Justification: There are trees downtown that are in need of replacement. This project would replace the trees that are in need of replacement and upgrade the irrigation at these locations.

Estimated Project Cost: \$ 175,000.00 (\$35,000 Annually)

Location

Map: No map; various locations to be determined

City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded

Carryover Project #: N/A

Original Funding Year: N/A

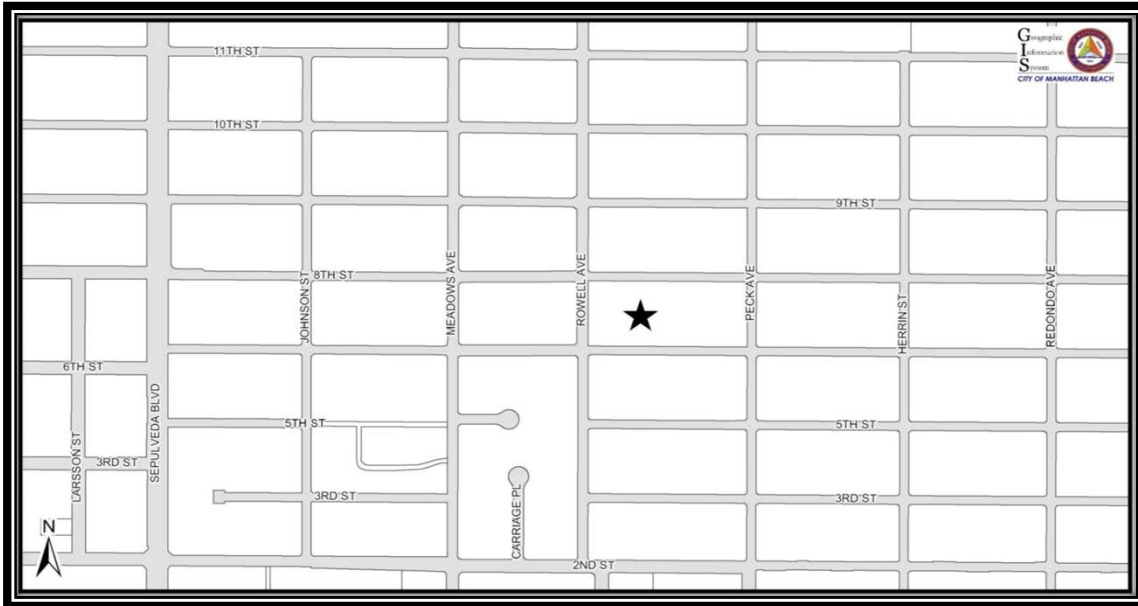
Project Title: Block 35 Ground Level Reservoir Replacement (Construction Only)

Description: Construct a 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.

Estimated Project Cost: \$ 12,000,000.00

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded

Carryover Project #: N/A

Original Funding Year: N/A

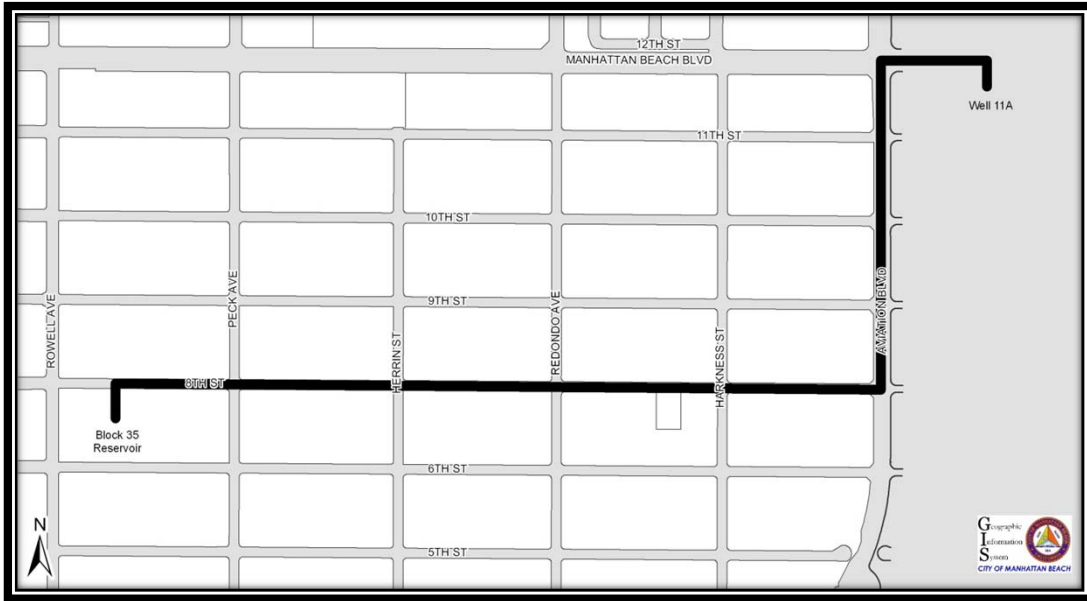
Project Title: Well Collection Line from Well 11A to Block 35 (Construction Only)

Description: Construct a 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.

Estimated Project Cost: \$ 5,750,000.00

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

Project Title: Joint Watershed Project: Sand Infiltration at 28th

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

Estimated Project Cost: \$ 8,000,000.00

Location

Map:

No map; along Hermosa Beach's Greenbelt only

City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

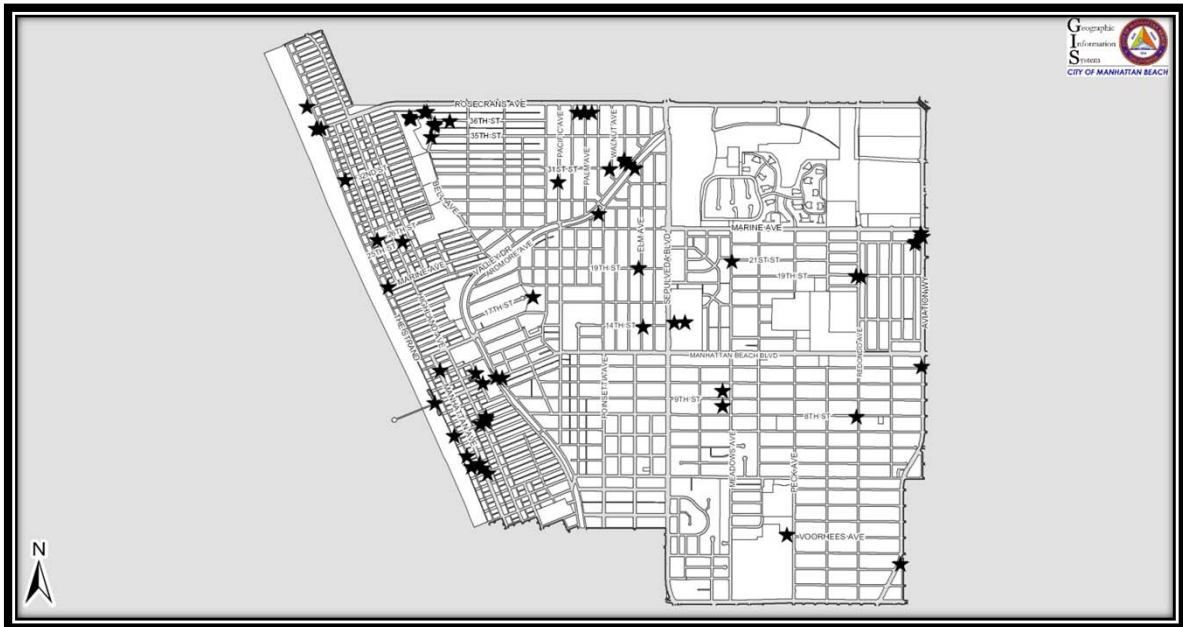
Project Title: Stormwater Pipe Replacement/Upsizing

Description: Replace various sections of stormwater drain line (64 locations identified).

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.

Estimated Project Cost: \$ 2,500,000.00 (\$500,000 Annually)

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

Project Title: Intelligent Parking Occupancy System (Lots 2, 3, Metlox & Civic Center)

Description: Design and construct parking lot occupancy sensors and displays at Lots 2, 3, Metlox and the Civic Center.

Justification: The project will install vehicle sensors and real-time displays to inform drivers of the number of vacant parking spaces in various parking lots in Downtown. The displays will reduce the need to search for parking spaces, and encourage the use of the parking structures. This parking system has been recommended in prior Downtown parking studies and in the ULI Downtown study. It will maximize the use of the existing parking facilities. Significant efficiency is gained in maximizing space utilization while providing quick efficient parking opportunities and minimizing congestion on local roads.

Estimated Project Cost: \$ 250,000.00

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded

Carryover Project #: N/A

Original Funding Year: N/A

Project Title: Parking Structure Lot 3 Rehab or Replacement

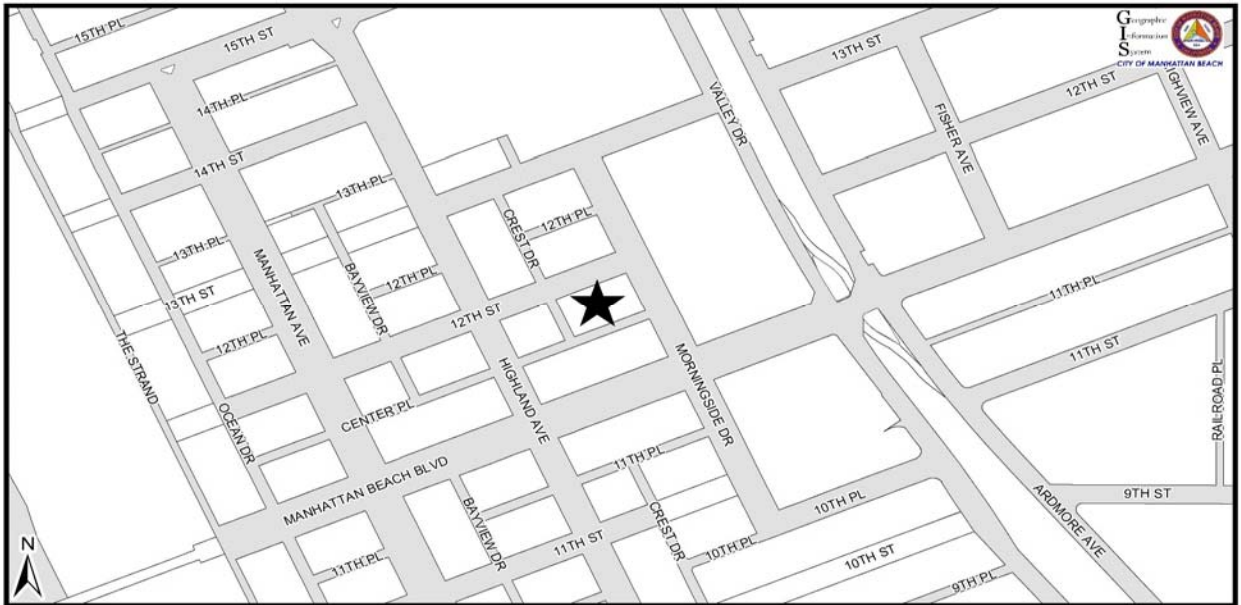
Description: Rehabilitation or replacement of parking structure 3 based on the results of the structural analysis and design.

Justification: Parking structure 3 (near Metlox) is showing signs of weathering and deterioration. Additionally, there have been significant earthquake code amendments since the parking lot was originally constructed. This project will correct and/or improve the structural deficiencies found based on the findings of a structural analysis. The actual work to be performed will be based on the structural engineering's findings and recommendations and subsequent project design.

Estimated

Project Cost: \$ 13,000,000.00

**Location
Map:**



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

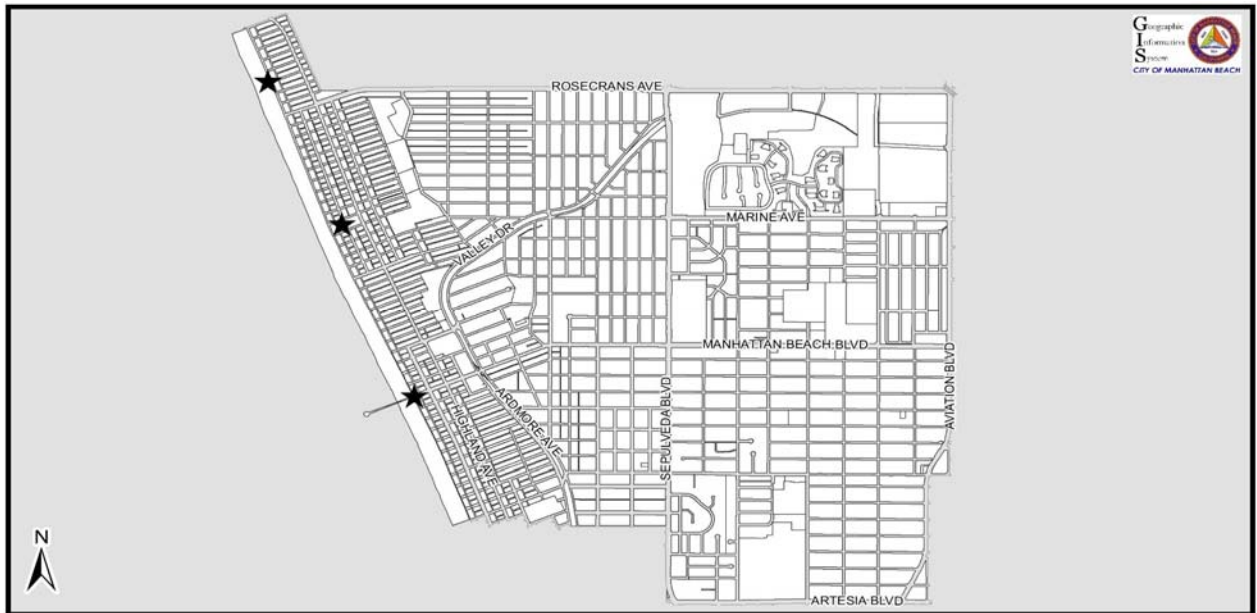
Project Title: County Lot Railings: Design and Construction

Description: Design and replacement of the railings at all County owned parking lots.

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

Estimated Project Cost: \$ 800,000.00

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: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

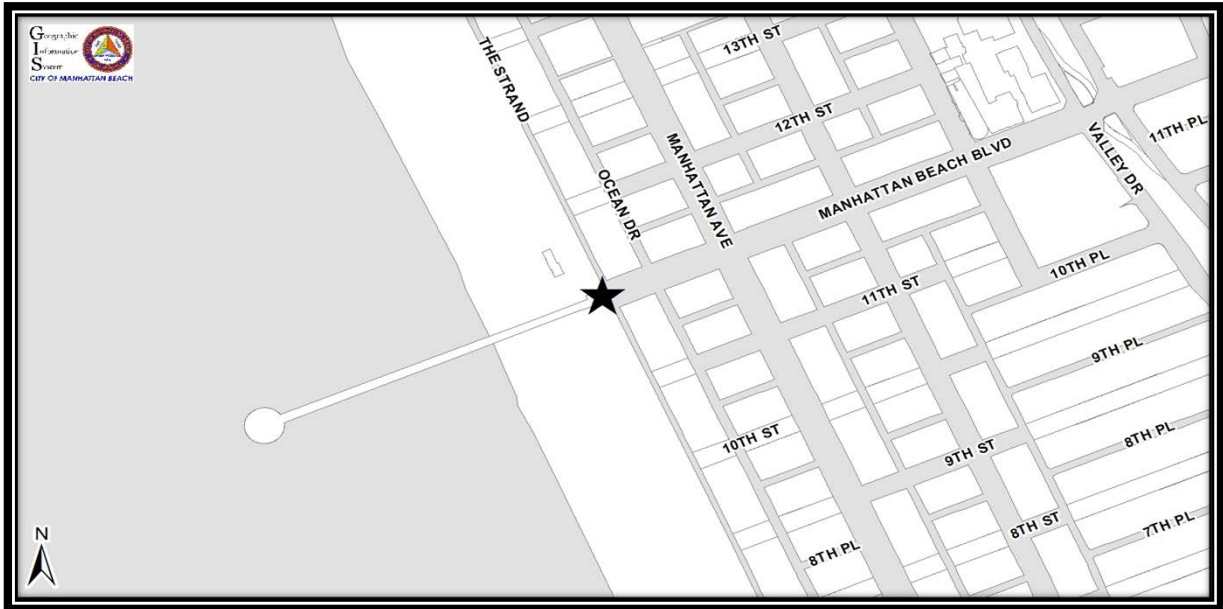
Project Title: Pier Railings: Construction

Description: Replacement of the Pier railings.

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

Estimated Project Cost: \$ 1,400,000.00

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

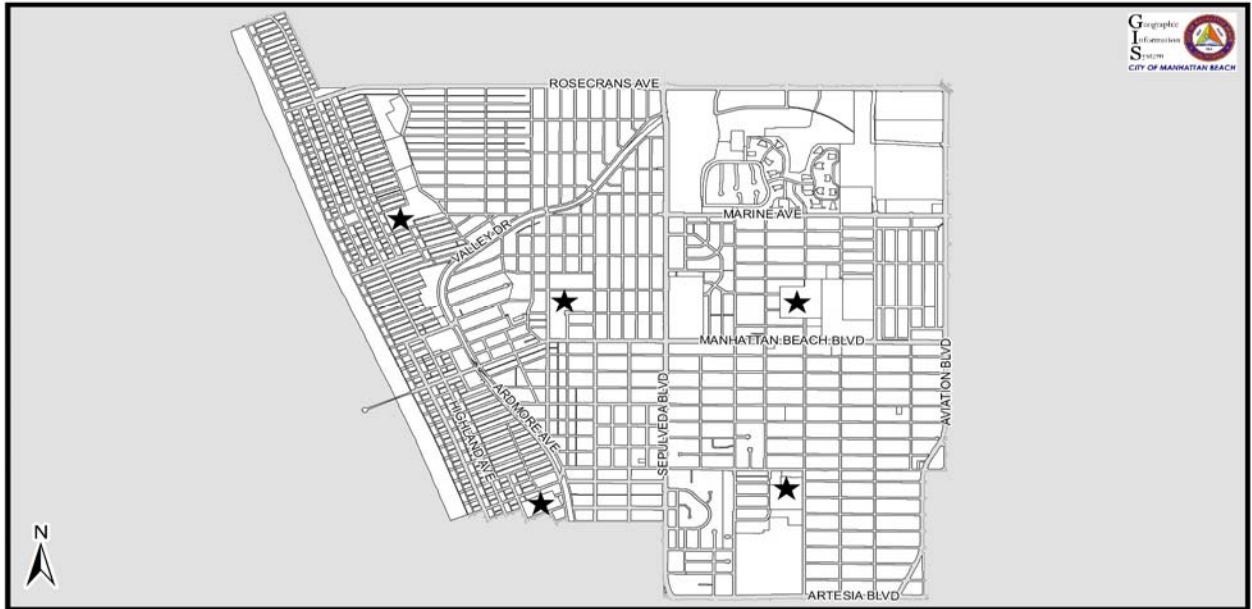
Project Title: Elementary Schools Playground Resurfacing and Equipment Replacement

Description: For all MBUSD Elementary Schools: Replace the playground surfaces beneath the playground equipment with either rubber or Playmatta tiles; resurface and restripe all asphalt playground areas; and replace all playground equipment.

Justification: The playground surfaces and equipment are in need of repair or replacement due to deterioration from use.

Estimated Project Cost: \$ 6,830,000.00

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded

Carryover Project #: N/A

Original Funding Year: N/A

Project Title: School District: Retaining Wall at Tennis Court

Description: Replace the retaining wall and repair the fencing and posts at the Mira Costa High School Tennis Court along Artesia Blvd.

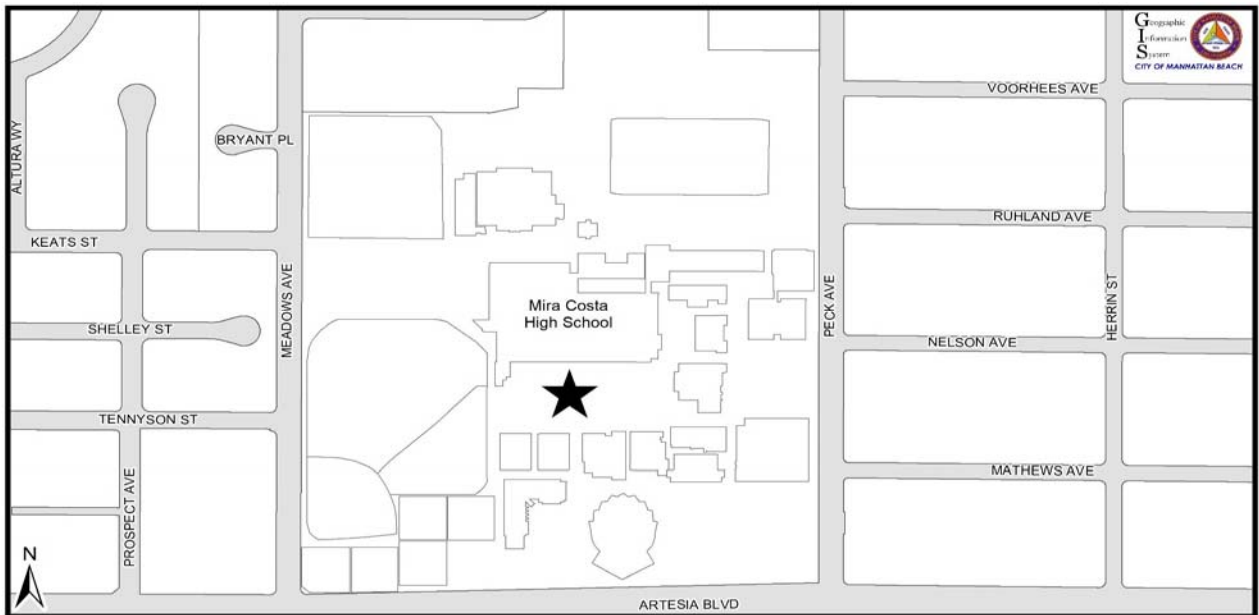
Justification: Mira Costa High School tennis courts are used extensively by both the high school students and City recreation. The block walls and fence posts are rusting and show deterioration.

Estimated

Project Cost: \$ 250,000.00

Location

Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

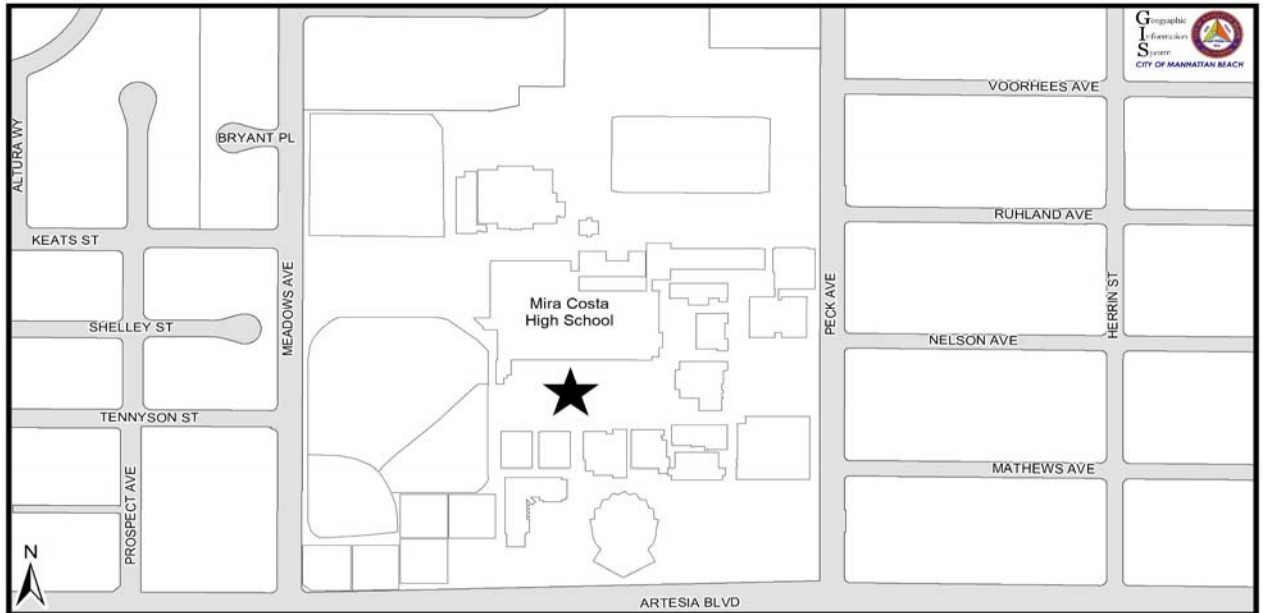
Project Title: Restroom Upgrades High School Softball Field

Description: Upgrade the restroom at Mira Costa High School Softball Field to meet current design standards.

Justification: The restroom at Mira Costa High School Softball Field does not meet current design standards.

Estimated Project Cost: Unknown

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

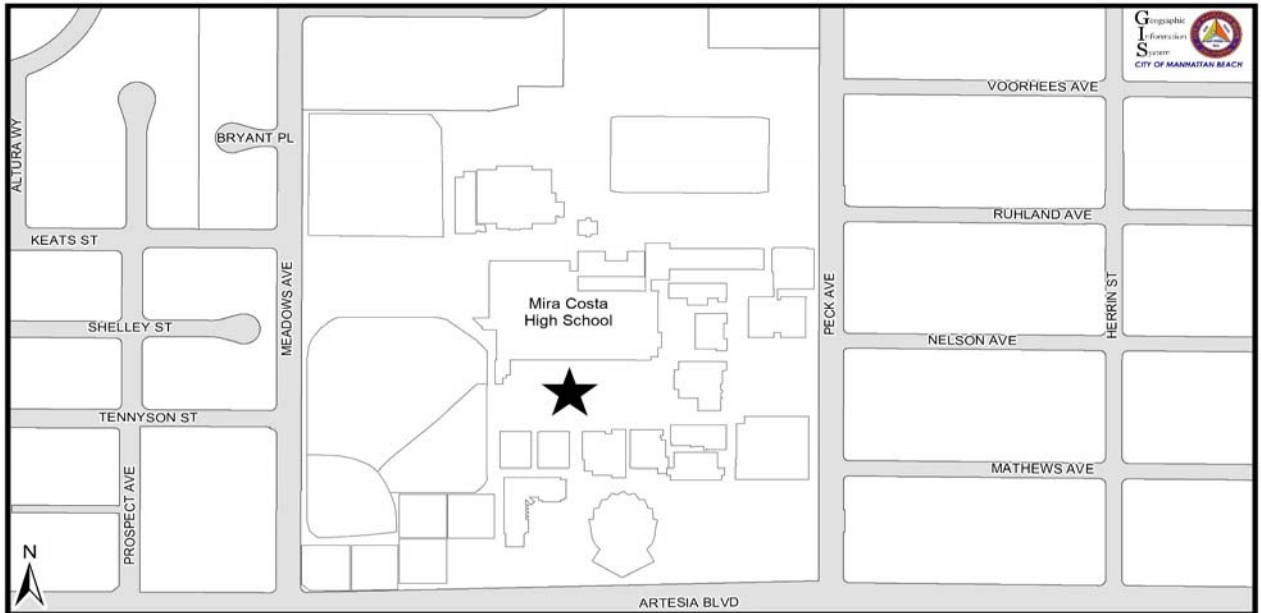
Project Title: Mira Costa High School Pool Resurfacing

Description: Remove and replace the plaster and tiles inside the Mira Costa High School pool.

Justification: The plaster in the pool is beyond its useful life and needs to be replaced. The number tiles are faded and no longer comply with health department codes.

Estimated Project Cost: \$ 150,000.00

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded

Carryover Project #: N/A

Original Funding Year: N/A

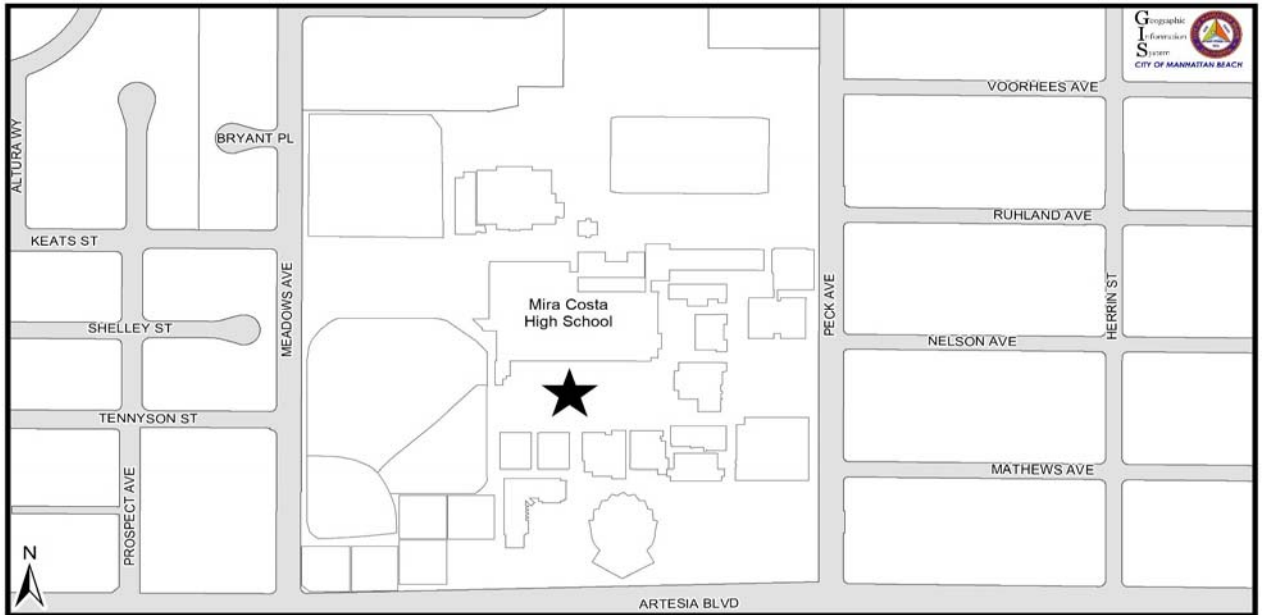
Project Title: Mira Costa High School Pool Deck Replacement

Description: Replace Mira Costa High School pool deck and coping.

Justification: The MCHS pool deck is deteriorating with water intrusion reaching the rebar. The deck and coping is beginning to crack and nearing its useful life.

Estimated Project Cost: \$ 250,250.00

Location Map:



City of Manhattan Beach
CIP 2020-2024 Summary Sheets

Category:

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

Funding Source: Unfunded
Carryover Project #: N/A
Original Funding Year: N/A

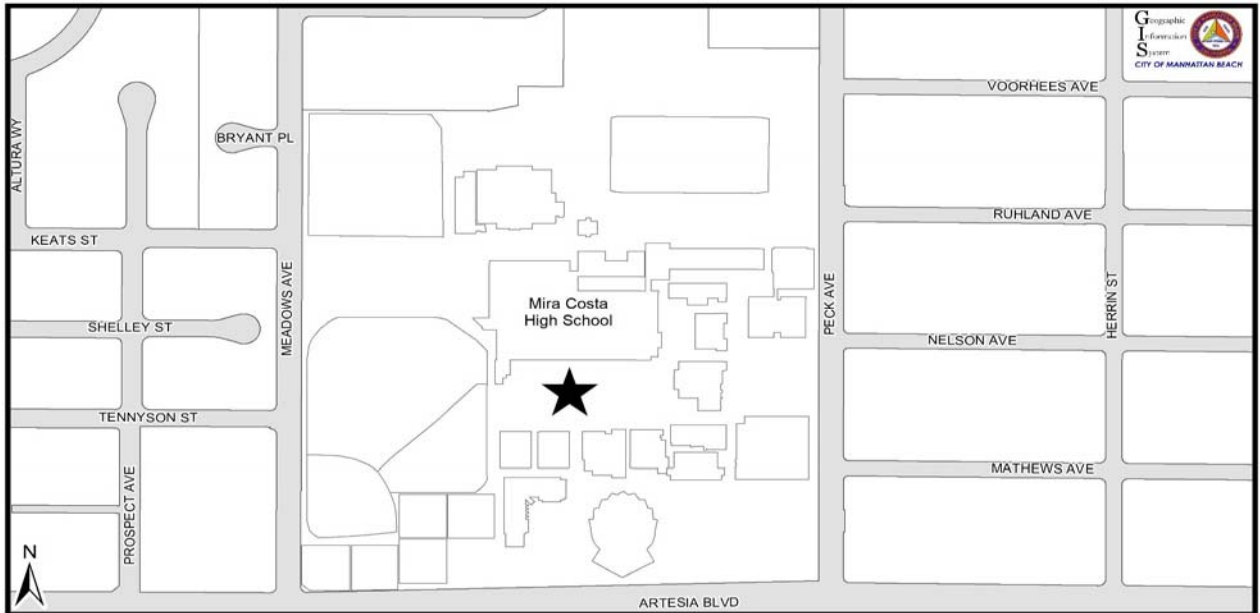
Project Title: Walkway from Peck to the New Gym

Description: Design and construct a walkway from Peck Ave. to the new gym at Mira Costa High School.

Justification: The new walkway would improve pedestrian access to the new gym at Mira Costa High School.

Estimated Project Cost: Unknown

Location Map:



City of Manhattan Beach
Department of Public Works

**Proposed
Capital Improvement Program
FY 2019/20- 2023/24**

Stephanie Katsouleas, P.E., Director

Prem Kumar, P.E., City Engineer

Anna Luke-Jones, Senior Management Analyst

Streets



Water



Other ROW



CIP Program

Wastewater



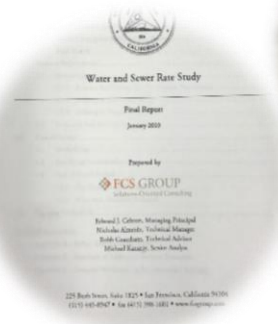
Buildings



Storm Water

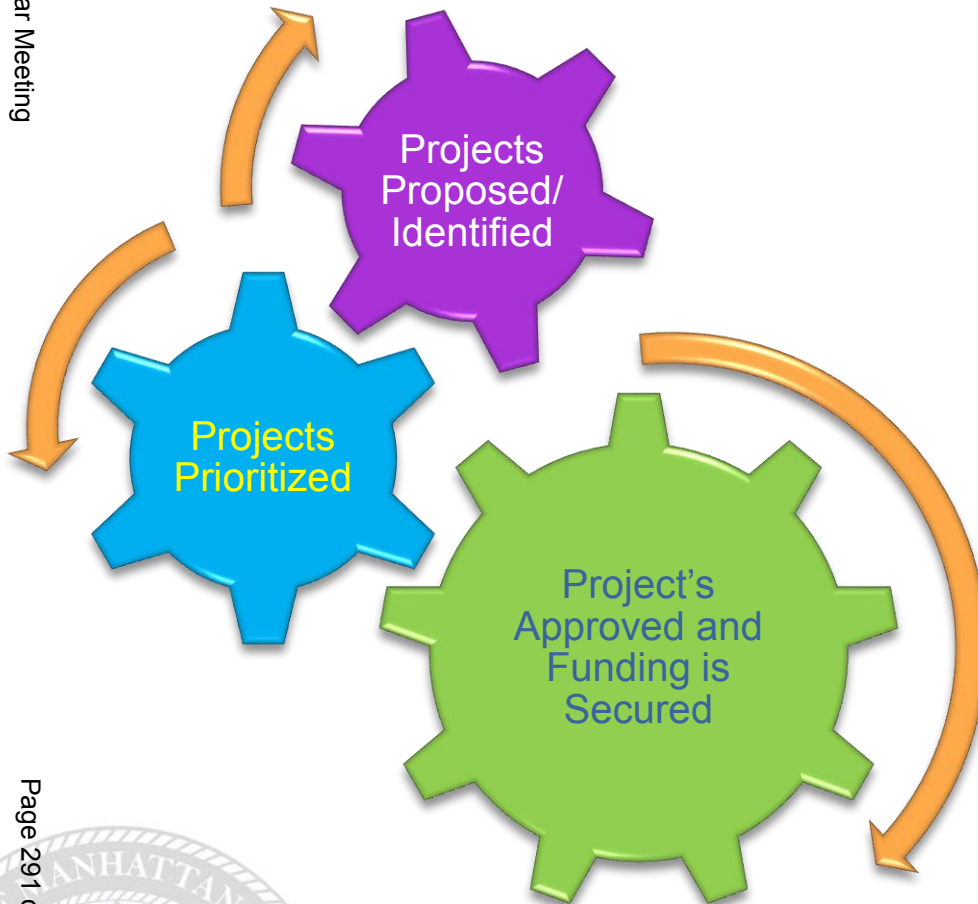


Parks



Studies & Evaluations

The CIP Process



Staff, Council, Commissioners and the Community propose projects

Staff evaluates the need for, feasibility of, and projected cost of the projects

City Council ultimately reviews and approves the proposed projects and allocates funding for implementation

5-Year CIP Snapshot FYs 2019/20 – 2023/24

\$82.2 Million

58 Previously Appropriated Projects

\$48.8 Million

68 Proposed/Scheduled Projects

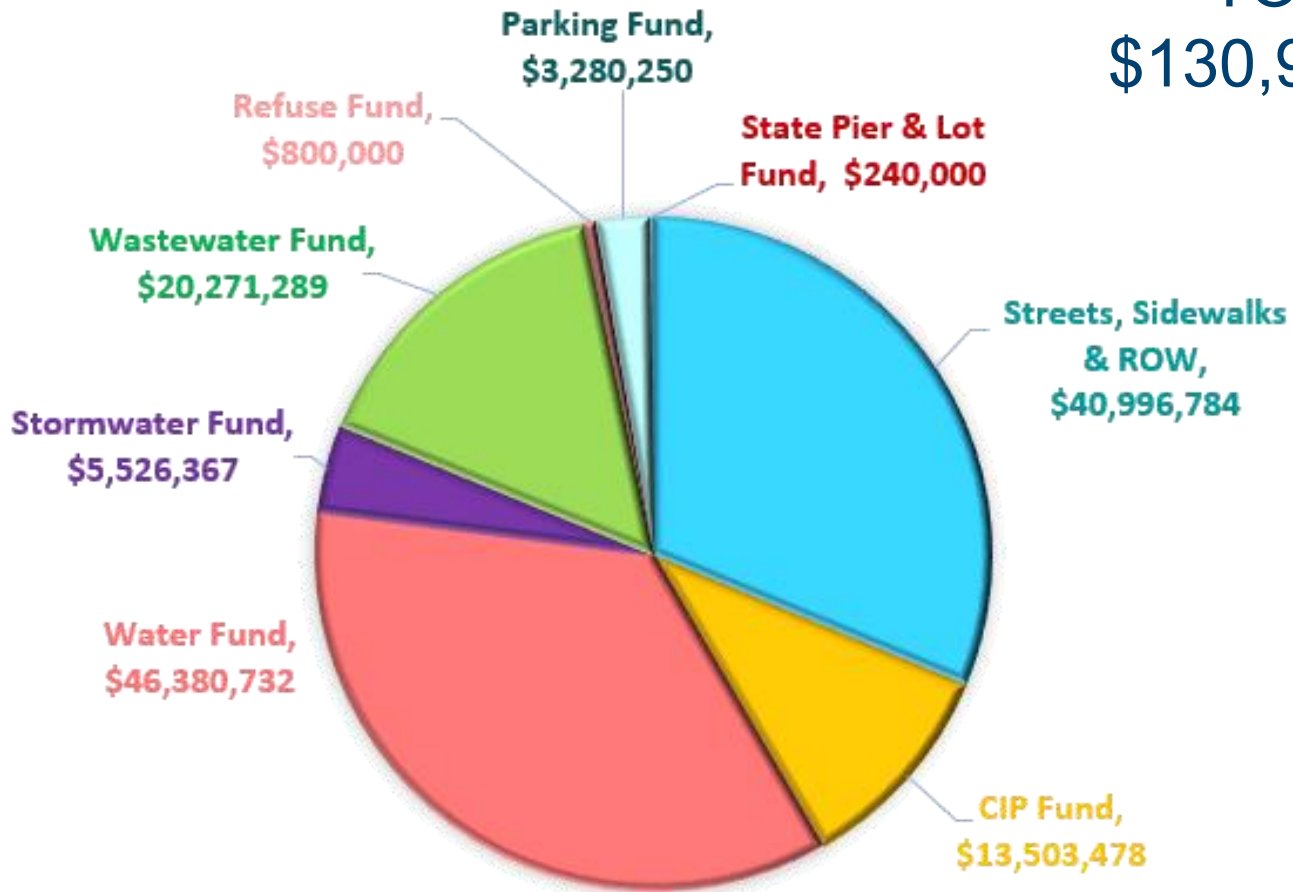
TOTAL Proposed 5-Year CIP

126 Projects




\$130,998,900

8 CIP Funding Categories

TOTAL
\$130,998,900



Allocation of Resources (7 FTE)

CIP FUND	ENTERPRISE FUNDS	LOCAL RETURN, SPECIAL FUNDS AND GRANTS	
TOT	Water	Prop C	State Grants
Parking Citations	Wastewater	Measure R	South Bay Hwy Prog.
City Parking Meters	Stormwater	Measure M	Metro Call for Proj.
Grants & Trust Funds		Gas Tax	Federal (HSIP, SRTS)
		Refuse Fund	
		Parking Lot Fund	
		State Pier & Lot Fund	
			
\$13,503,478	\$72,178,388	\$45,317,034	



Streets, Sidewalks, ROW

1.5 FTE 

34 Unique Projects
(16 active)
\$40,996,784

- Gas Tax, SB1
- Prop C
- Measure R Local Return
- Measure M Local Return
- 5 Grants (MTA, SBHP, HSIP)



Slurry seal, street resurfacing, intersection improvements, capacity enhancements, studies, ADA access improvements, sidewalks

Streets, Sidewalks, ROW

1.5 FTE 

3.7 FTE Demand 19/20

15 Previously Appropriated

- (1) Annual Curb/Gutter
- (1) Strand Resurfacing
- (1) Village Field ADA Access
- (1) Annual Slurry Seal
- (3) Annual Street Resurfacing
- (3) Protected Turns*
- (1) Sepulveda/8th Street Signal*
- (1) Sepulveda Bridge*
- (1) Sepulveda Intersections Impv.*

(1) Ocean Dr. Ped. Crossings

- (1) ADA Transition Plan

19 in FY 2019/20 – FY2023/24

- (5) Annual Curb/Gutter
- (4) Annual Slurry Seal
- (5) Annual Street Resurfacing**
- (1) Pavement Mgt. Sys. Report
- (1) Rosecrans Bike Lane**
- (1) New Sidewalk – Aviation/33rd
- (1) New Sidewalk – Rowell Ave.
- (1) 15th St./Highland Ave Signal

* Grant Project

** Active Project

Green: Not initiated



Water Fund

1.75 FTE 

22 Unique Projects
(6 active)
\$46,380,732



Water main replacement, reservoir upgrades, elevated tank painting, meter upgrades, well rehab and improved treatment processes

Water Fund

1.75 FTE 

3.3 FTE Demand 19/20

12 Previously Appropriated

- (1) Annual Pipe Replacement
- (1) Water Meter Upgrade
- (1) Block 35 Replacement (design)
- (1) Chloramination System
- (1) Larsson Street Booster Stn.
- (1) Elevated Tank Painting
- (1) Peck Reservoir Replacement
- (1) Re-drill/Equip Well 15
- (1) Utility Radio Telemetry
- (1) Well 11A VFD
- (1) Well 15 VFD/Electrical Panel
- (1) Well Collection Line (design)

10 in FY 2019/20 – FY2023/24

- (5) Annual Pipe Replacement
- (1) Water Masterplan Update
- (1) Electronic Automation (SCADA)
- (3) Generator Upgrades



Green: Not initiated

Stormwater Fund

.25FTE



13 Unique Projects
(1 active)
\$5,526,367



Storm drain improvements, storm water conveyance upgrades, NPDES compliance

Stormwater Fund

.25FTE



0.5 FTE Demand 19/20

Previously Appropriated

- (1) Storm Drain Collection Devices
- (1) Storm Drain Repairs
- (1) Stormwater Master Plan Update

10 in FY 2019/20 – FY2023/24

- (3) Storm Drain Collection Devices
- (4) Storm Drain Repairs
- (1) CCTV Storm Drain System
- (1) Hermosa Greenbelt Project
- (1) Manhattan Village Trash Capture



Wastewater Fund

1.0 FTE 

14 Unique Projects
(3 active)
\$20,271,289

Sewer main replacement, pump station upgrades, improved telemetry, force main replacements



Wastewater Fund

1.0 FTE 

1.5 FTE Demand 19/20



4 Previously Appropriated

- (1) Annual Pipe Replacement
- (2) Lift Station Replace./Upgrade
- (1) Utility Radio Telemetry

10 in FY 2019/20 – FY2023/24

- (5) Annual Pipe Replacement
- (4) Lift Station Replace/Upgrade
- (1) Wastewater Master Plan Update

Green: Not initiated 14

Refuse Fund

1 Unique Project
\$800,000

1 Previously Appropriated
(1) Trash Enclosure & Connection to the
Sanitary Sewer System



Parking Fund

0.1 FTE 

4 Unique Projects
(1 active)
\$3,280,250

0.4 FTE Demand 19/20



1 Previously Appropriated

(1) Parking Structure Rehab (Lot 4)

2 in FY 2019/20 – FY2023/24

- (1) Parking Structure Analysis (Lot 3)
- (1) Parking Meter Replacement
- (1) Tree/Grate Installation North MB-BID

State Pier & Lot Fund

0.3 FTE 

0.3 FTE Demand 19/20

2 Unique Projects
(2 active)
\$240,000

2 Previously Appropriated

- (1) Parking Lot Lighting
- (1) Pier Railing Replacement Design



CIP Fund

2.0 FTE



36 Unique Projects
(10 active)
\$13,503,478

TOT, Parking Citations, Parking Meters
5 Grants and Special Funds



Building and Park Facility
Repairs/Improvements, Master Plans,
Streetscape, Traffic signals, Pedestrian
Access, Bike Lanes, Veterans Parkway

CIP Fund

2.0 FTE



3.3 FTE Demand 19/20

20 Previously Appropriated

- (1) Facility Improvements
- (1) City Hall Restrooms
- (1) Mariposa Fitness Station
- (1) Ceramic Studio Upgrades
- (1) City Hall Remodel
- (1) Engineering Remodel
- (1) Fire Station Design
- (1) Downtown Signal Replace.
- (1) Non-motorized Ped. Projects
- (1) Roadway Safety Barriers
- (1) Streetlight LED Retrofit
- (1) Marine Ave. Park Field Turf
- (1) Village Field Lighting
- (1) New Scout House
- (1) Fire Station 1 Exhaust Sys.
- (1) Traffic Signal Battery Backup
- (1) Traffic Signal Preemption
- (1) Sepulveda/Oak Intrusion Study
- (1) Veteran's Pkwy Access Master Plan
- (1) Begg Field Turf & Lighting

Green: Not initiated 19

CIP Fund

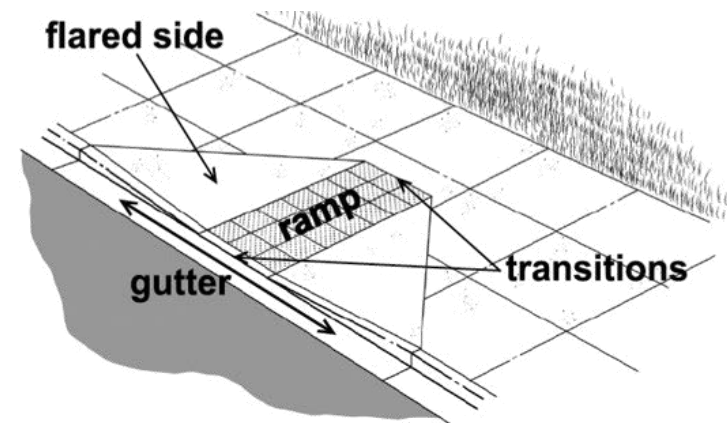
2.0 FTE 

3.3 FTE Demand 19/20

16 in FY 2019/20 – FY2023/24

- (5) Facility Improvements
- (5) Non-motorized Ped. Projects
- (1) Polliwog Playground (Prop A)*
- (1) Polliwog Band Stage (trust fund)*
- (3) Annual CDBG ADA Improve. (grant)*
- (1) Streetlight Replacement (transfer)*

* Grant or Special Fund Project



Summary of Changes

Prop C: Reduced Sepulveda Intersection Improvements to Cedar/Marine only

Measure R: Relocated Rosecrans Bike Lane from CIP

Measure M: Removed 31st/Laurel Intersection Improvements

CIP: Reallocated Park Master Plan to Scout House

Reallocated some Begg Field Funding to Scout House

Reallocated HR Remodel Balance to Scout House

Storm Water: Relocated MV Trash Capture Device from Refuse

Parking: Removed North MB BID Streetscape

State Pier: Removed Deck Repairs

Summary of New Projects

(non-annual)

Measure M: 15th/Highland Traffic Signal Pole Replacement

CIP: Scout House Construction

Polliwog Playground Resurfacing (Prop A)

Polliwog Band Stage (Public Art Trust Fund)

Roadway Safety Barriers (staff)

Streetlight Replacements (transfer)

Water: Electronic Automation (SCADA)

3 Generator Upgrades

Stormwater: CCTV Storm Drain System

Sewer: City Hall Lift Station

Parking: North Manhattan Beach BID Tree/Grate Installation

Lot 4 Rehabilitation

Parking Meter Upgrades

54 Unfunded Projects

\$89,530,250 + Unknowns

3 Streets/ROW	\$7,375,000
8 Buildings/Facilities	\$10,250,000
15 Recreation, Parks, Open Space	\$20,725,000
2 Water Infrastructure	\$17,750,000
6 Stormwater Infrastructure	\$10,500,000
3 Parking Lots	\$14,050,000
1 State Pier and Lots	\$1,400,000
6 School District	Unknown + \$7,480,250



\$8M	Fire Station
\$18M	Begg Pool (new)
\$12M	Block 35 Reservoir
\$8M	Strand Infiltration
<u>\$13M</u>	<u>Lot 3</u>
\$59 M	(5 Projects: 71%)

Available Staff Resources for CIP Projects Through FY19/20

Project Category	Annual FTE Allocation	FTE Demand FY 2019/20	FY 2019/ FTE Shortfall
Streets	1.5	3.7	2.2
CIP	2.0	3.3	1.3
Water	1.75	3.3	1.55
Stormwater	0.25	0.5	0.25
Wastewater	1.0	1.5	0.5
Refuse	0.1	0.3	0.2
Parking	0.1	0.4	0.3
State Pier	0.3	0.3	0
Total	7.0	13.3	6.3

Current CIP Fund: Keep or Reallocate \$6,630,718?

12 Projects

Programmed and Proposed Projects	Budget
Facility Improvements (x5 annual)	\$3,790,000
Streetlight LED Retrofit	\$381,189
Marine Ave. Park Field Turf	\$441,902
Village Field Lighting	\$39,597
New Scout House	\$550,000
Fire Station 1 Exhaust Sys. Install.	\$30,000
Traffic Signal Battery Backup Install.	\$110,000
Traffic Signal Preemption Devices	\$158,282
Sepulveda/Oak Intrusion Study	\$50,000
Non-motorized Ped. Projects (x5 annual)	\$500,000
Veteran's Pkwy Access Master Plan	\$79,748
Begg Field Turf & Lighting	\$500,000

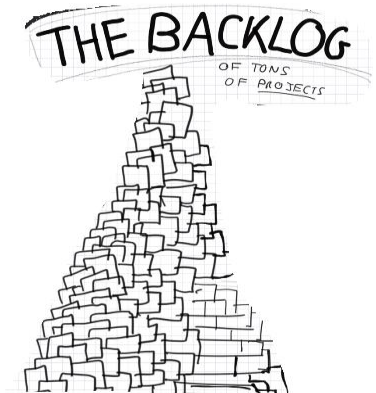
Priority Recommendations

1. Continue Addressing the 58 Previously Funded Projects Backlog

- 15 Streets, Sidewalks and ROW Projects
- 20 CIP Fund Projects
- 12 Water Projects
- 3 Stormwater Projects
- 4 Wastewater Projects
- 1 Refuse Project
- 1 City Parking Lot Project
- 2 State Pier & Parking Lot Projects



Approximately 2 years worth of work with 7 engineers



Priority Recommendations

2. Reevaluate priorities for 19 previously appropriated projects not yet initiated
 - Consider grant deadlines and safety as highest priority
3. Program new projects in the 5-Year CIP
4. Consider impact of any new projects on the CIP schedule and staff resources
5. Expect full catch-up in approximately 2-3 years if no additional projects are programmed in FY 2019/20 and FY 2020/21

Questions and Answers



Completed Projects in FY 18/19

Cycle 3 Pedestrian Improvements
Cycle 5 Pedestrian Improvements
Cycle 10 Pedestrian Improvements
Morningside Drive - 10th St. to MBB
Streetlight Purchase
Live Oak Netting Project
Village Field Turf Replacement and Fencing
Fiber Master Plan
HR/IS/City Hall Reconfiguration
Veteran's Parkway Landscaping
Pier and Roundhouse Improvements
Pavement Management Program Report

Soon to Be Completed Projects

Annual Curb, Gutter and Ramp Replacement
Marine Avenue Resurfacing
Liberty Village Resurfacing
Strand Resurfacing Project
ADA Transition Plan within ROWs
CDBG ADA Access Ramps
City Hall Remodel
Engineering Division Space Planning
City Wayfinding Program
Cycle 1 Storm Drain Improvements
Pedestrian Crossings at 34th, 35th, 36th and MBB/Morningside