

## City Council Adjourned Regular Meeting

**Thursday, May 7, 2020**

**8:00 AM**

**City Council Chambers**



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

Executive Team

Bruce Moe, City Manager  
Quinn Barrow, City Attorney

Derrick Abell, Police Chief  
Steve Charelian, Finance Director  
Daryn Drum, Fire Chief  
Patrick Griffin, Interim Information Technology Director  
Lisa Jenkins, Human Resources Director

Stephanie Katsouleas, Public Works Director  
Mark Leyman, Parks and Recreation Director  
Carrie Tai, Community Development Director  
Liza Tamura, City Clerk

**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!**

*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](http://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.*

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**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 Sunday, May 3, 2020, 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. ROLL CALL**

## C. PUBLIC COMMENTS

Pursuant to Governor Newsom's Executive Orders No. N-25-20 and No. N-29-20, City Council Chambers is not open to the public. In the interest of maintaining appropriate social distancing, the City Council encourages the public to participate by submitting comments in advance of the meeting, no later than 7:30 AM, May 7, 2020 (the day of the meeting), via:

- 1) eComment at <http://www.citymb.info/ecomment>;
- 2) email to [cityclerk@citymb.info](mailto:cityclerk@citymb.info); or
- 3) telephone message recorded at (310) 802-5030.

All of your comments provided by the deadlines above will be available to the City Council and the public prior to the meeting.

In addition, you may participate by joining Zoom during the meeting:

If you wish to speak on any item on the agenda, please register in advance by clicking the following link:  
<https://citymb.seamlessdocs.com/f/publiccomment>

- 1) Join Zoom Meeting via the internet:  
Direct URL: <https://zoom.us/j/94657076340>, Meeting ID: 946-5707-6340

During the meeting you will need to use the "raise hand" emoji through Zoom at the time the Mayor invites the public to provide comments.

- 2) Join Zoom Meeting via Phone Conference (Voice Only):  
Phone Number: (669) 900-6833, Meeting ID: 946-5707-6340

During the meeting you will need to enter \*9 on the phone's dial pad at the time the Mayor invites the public to provide comments.

## D. GENERAL BUSINESS

1. Presentation of the Proposed 5-Year Capital Improvement Program (CIP) for Fiscal Year 2020-2021 Through Fiscal Year 2024-2025 (Public Works Director Katsouleas). [20-0088](#)
  - a) **DISCUSS AND PROVIDE DIRECTION**
  - b) **APPROVE**

Attachments: [Proposed 5-Year CIP Spreadsheet](#)

[CIP Project Summary Sheets](#)

[PowerPoint Presentation](#)

2. **City Manager Report on EOC (Emergency Operations Center).**

3. **City Council to Consider Additional Measures to Address COVID-19.**

**4. Future Agenda Items.**

**E. CLOSED SESSION**

**I. ANNOUNCEMENT IN OPEN SESSION OF ITEMS TO BE DISCUSSED IN CLOSED SESSION**

**1. CONFERENCE WITH LEGAL COUNSEL (INITIATION OF LITIGATION)  
(Government Code Section 54956.9(d)(4))**

**Based upon existing facts and circumstances, the City Council will consider initiating litigation.**

**Number of Cases: 1**

**2. CONFERENCE WITH LABOR NEGOTIATORS  
(Government Code Section 54957.6)**

**Agency Negotiators:**

**Bruce Moe, City Manager**

**Lisa Jenkins, Human Resources Director**

**Employee Groups:**

**Manhattan Beach Firefighters' Association**

**Manhattan Beach Fire Management Association**

**Manhattan Beach Police Officers Association**

**Manhattan Beach Police Management Association**

**Manhattan Beach Mid-Management Employee Association**

**Manhattan Beach Part-Time Employees' Association**

**Unrepresented (Executive, Management and Confidential)**

**Teamsters Local 911**

**II. RECESS INTO CLOSED SESSION**

**III. RECONVENE INTO OPEN SESSION**

**IV. CLOSED SESSION ANNOUNCEMENT IN OPEN SESSION**

**F. INFORMATIONAL ITEMS**

1. Recent Planning Commission Quasi-Judicial Decisions: [20-0161](#)
  1. Use Permit and Vesting Tentative Parcel Map No. 82904 for Proposed Construction of Four Residential Condominium Units Located at 617 Aviation Way (Cleland)
  2. Master Use Permits for 1) A New Commercial Building with a Personal Improvement Service Use and a Restaurant with Beer and Wine Service on a 13,168 Square-Foot Lot at 1100 N. Sepulveda Blvd and 2) A New Commercial Building with a Credit Union and a Restaurant with Beer and Wine Service on a 24,494 Square-Foot Lot at 1120 N. Sepulveda Blvd; Both in the CG-D8 zone; and Make an Environmental Determination in Accordance with the California Environmental Quality Act (Kinecta Federal Credit Union)
  3. Sign Exception Allowing Off-Premises and Digital Signage at the Manhattan Village Shopping Center Located at 2600 - 3600 North Sepulveda Boulevard and 1180 - 1200 Rosecrans Avenue (RREEF America REIT II Corp. BBB), in the Community Commercial (CC) Zone; and Make an Environmental Determination in Accordance with the California Environmental Quality Act (Community Development Director Tai).

## G. ADJOURNMENT



**Agenda Date:** 5/7/2020

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**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  
Libby Bretthauer, Senior Financial Analyst  
Anna Luke-Jones, Senior Management Analyst  
Marcelo Serrano, Management Analyst

**SUBJECT:**

Presentation of the Proposed 5-Year Capital Improvement Program (CIP) for Fiscal Year 2020-2021 Through Fiscal Year 2024-2025 (Public Works Director Katsouleas).

- a) **DISCUSS AND PROVIDE DIRECTION**
- b) **APPROVE**

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**RECOMMENDATION:**

Staff recommends that City Council receive a presentation on the Proposed 5-Year Capital Improvement Program (CIP) for Fiscal Year (FY) 2020-2021 through FY 2024-2025 and:

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

**EXECUTIVE SUMMARY:**

The City of Manhattan Beach is committed to ensuring a well-maintained and up-to-date physical infrastructure. Indeed, a core mission of the City is 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 streets and other rights-of-way facilities, water and sewer infrastructure, public buildings, parks and open space, and community amenities.

Public Works has prepared the attached 5-Year CIP, which updates the CIP adopted last year. Notably, the proposed 5-Year CIP does not propose any new project types, but rather only addresses budgetary changes for existing projects, inclusive of:

- Adding funding annual projects in FY 2024-2025;
- Adding capital projects that were approved by City Council this past fiscal year after the last 5-Year budget was adopted;
- Adjusting funding levels based on revised project scopes as well as revenues and grants received; and
- Reprogramming prior year appropriations into the fiscal year in which they are projected to begin implementation so that implementation schedules and funding allocations are aligned.

The proposed 5-Year CIP is presented to and reviewed by City Council and, pending any recommended changes, becomes part of the adopted plan and operating budget for FY 2020-2021.

This report includes an overview of the proposed 5-Year CIP for FY 2020-2021 through FY 2024-2025. Projects are grouped by funding sources and include prior, current, and future funding allocations. In all, there are 114 unique projects valued at just over \$142 million. City Council is being asked to review and approve the proposed 5-year CIP as presented, or recommend modifications to be incorporated prior to final approval as part of citywide budget adoption in June 2020.

**FISCAL IMPLICATIONS:**

The proposed 5-Year CIP includes 114 individual projects totaling \$142,274,428, which includes projects already underway as well as those to be initiated within the next five years. The majority of the planned expenditures are for projects approved in prior years, representing approximately \$74.6 million, while the remaining \$67.6 million represent projects planned for implementation in FY 2020-2021 through FY 2024-2025.

Collectively, the proposed 5-Year CIP budget is comprised of eight general categories:

\$210,000	Street Lighting & Landscape Projects
\$38.4 Million	Streets, Sidewalks and Other Rights-of-Way Projects (ROW)
\$12 Million	Building, Park, Pedestrian and Signal Preemption Projects (CIP)
\$61 Million	Water Infrastructure Projects
\$6.1 Million	Stormwater Projects
\$21.1 Million	Wastewater Projects
\$1.9 Million	Parking Lot Projects
\$1.5 Million	State Pier and Lot Projects

Given the unknown impacts that the COVID-19 pandemic will have on the City's revenues and expenditures, as well as the limitations associated with gathering public input during the Governor's "Safer at Home" declaration, staff has recommended delaying consideration of new CIP projects to a future date. Staff proposes that City Council consider new projects as part of



the mid-year budget presentation for FY 2020-2021, or as part of next year's 5-year CIP review. This will provide the Finance Department time to evaluate the financial impacts of the pandemic on the CIP program revenues and recommend programmatic adjustments as may be needed. In the interim, there are more than 30 active projects already underway, and more planned that will continue well into the next few years, thus there is no workload impact on CIP implementation by delaying consideration of new projects for one year.

**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 annually as part of the budget adoption process. Projects listed in the CIP are aligned with the City's General Plan elements as well as include the priorities of City Council, staff, user groups, and the community at large.

As part of the approval process, City Council will review the CIP funding levels proposed for FY 2020-2021 and make recommendations as may be desired. Funding for the FY 2020-2021 CIP will be appropriated as part of City Council's adoption of the City's Operational Budget in June.

**DISCUSSION:**

The 114 unique projects identified in the 5-Year CIP are grouped into eight categories based on their funding sources and project eligibility. These categories include:

1. Street Lighting & Landscape Projects
2. Streets, Sidewalks and Right-of-Way (ROW) Projects  
(funded by Gas tax, Proposition C, Measure R, Measure M and grants)
3. CIP Projects (City Facilities, Buildings, and Parks)
4. Water Infrastructure Projects
5. Wastewater Infrastructure Projects
6. Storm Drain Infrastructure Projects
7. Parking Facilities Projects
8. State Pier and Lot Projects

The body of this report highlights the 114 proposed projects listed in the 5-Year CIP by funding category. In all, they total \$142.3 million to be programmed for implementation over the next five years. It is worth noting that the majority of the 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 eligibility criteria.

A complete list of the proposed 5-Year CIP projects and their recommended funding sources and amounts is attached. Note that there are no new project types listed. All of the projects on this list were identified in the FY 2019-2020 through FY 2023-2024 CIP or individually approved by City Council during FY 2019-2020. All project line item adjustments are highlighted in red and also summarized below.

**Street Lighting & Landscape Fund** **\$210,000** **1 Project**  
This category addresses the repair and replacement of the City's streetlights. Recall that in

2019, the City purchased 825 streetlights from Southern California Edison (SCE). Transitioning from utility owned poles to customer owned poles was projected to save the City nearly \$90,000 annually. A portion of this annual savings has been allocated to future pole maintenance and pole replacement needs in the Street Lighting & Landscape Fund.

**Proposed Line Item Modification:**

- 1. Annual Streetlight Replacement: Add \$35,000 in F24/25.

**Staff Recommendation**

Staff recommends that City Council approve the one project programmed in this section of the 5-Year CIP as proposed. Please note that while the fund will grow annually, aggregated (planned) pole replacements will occur on a five to ten-year cycle as a distinct CIP using accumulated funds. Additionally, occasional single poles replacements will occur as needed using these funds.

**Streets, Sidewalks and ROW Funds                                      \$38,400,339                                      28 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 the projects listed in the Streets, Sidewalks and ROW category, and they are commonly combined in any given fiscal year to implement one or two larger roadway projects. In addition, there are six individual grant-funded projects listed in this category. The Local Return funding sources and the corresponding programmed revenues include:

- \$8,478,360                      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. This Fund also includes the voter-affirmed Senate Bill1 tax on gasoline.
  
- \$23,466,979                      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.
  
- \$3,935,000                      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.
  
- \$2,520,000                      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.

**Proposed Line Item Modifications - Streets and Highway Fund (gas tax)**

1. Annual Curb, Gutter and Ramp Replacement: Add \$365,000 to FY24/25.
2. Annual Slurry Seal Program: Revise title and budget programming to reflect transition to a *biennial* rather than an annual program.
3. Annual Street Resurfacing Program: Revise budget programming in FY20/21 through FY 2023-2024 to align with the *annual* spending requirements of Senate Bill 1, and add \$350,000 to FY24/25.
4. Triennial Pavement Management System: Add \$40,000 in FY23/24, as required by Metro to receive local return funding.

**Proposed Line Item Modifications - Proposition C**

5. Annual Street Resurfacing Program: Add \$1.2 million to FY24/25.
6. Sepulveda Intersection Improvements (Cedar/Marine): Reduce grant award from \$985,440 to \$500,000 due to reduced scope of work.

**Proposed Line Item Modifications - Measure R**

7. Annual Street Resurfacing Program: Add \$800,000 to FY24/25.
8. Protected Left Turn Lanes: MBB at Peck Avenue: Reallocate \$260,000 from the Aviation and 33rd Sidewalk project in FY20/21 to this project due to a \$540,000 grant award received for the Aviation Project.
9. Ocean Drive Walk Street Crossings: Reprogram the prior year appropriation to FY22/23.
10. Aviation and 33rd Sidewalk: Add \$540,000 to FY20/21 from grant funds received and reduce prior Measure R funding from \$320,000 to \$60,000, which leaves the 10% required match for the \$540,000 grant award received. The new project balance is now \$600,000.

**Proposed Line Item Modifications - Measure M**

There are no proposed changes to the Measure M programmed budget.

**Staff Recommendation**

Staff recommends that City Council approve the 28 projects programmed in this section of the 5-Year CIP as proposed. The annual and biennial 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 biennial slurry seal cycle.

**CIP Fund**

**\$11,984,256**

**35 Projects**

This category of projects addresses all of the projects that do not typically qualify for funding from the seven other categories 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. It is used to support building and other facility improvements, park facility upgrades, studies and master plans, landscaping enhancements, signage, City-owned refuse enclosures and other right-of-way and public property improvements. The CIP Fund also

includes \$1,850,000 in grants and special project funds from Proposition A, the Public Art Trust Fund, Community Development Block Grant (CDBG) program, and Manhattan Village Mall.

**Proposed Line Item Modifications**

1. Facility Improvements: Reduce FY22/23 and FY23/24 by \$50,000; Add \$600,000 in FY24/25; and
  - a. Itemize “Citywide Security Cameras” for \$430,000 in FY20/21 as part of Facility Improvements work.
  - b. Itemize “City Hall HVAC Replacement/Repair” for \$1.3 million as part of Facility Improvements.
  - c. Itemize “Roof Replacements - Marine/Live Oak/Rec Hall,” for \$354,020, which was approved by City Council on March 17, 2020, as part of Facility Improvements.
2. Begg Field Improvements: Reprogram the prior appropriation to FY21/22.
3. City-owned Refuse Enclosure Sewer Connections: Relocate this project from the Refuse Fund (now closed out) to the CIP Fund and reprogram the \$800,000 prior year appropriation to an annual program for \$100,000, starting in FY21/22 for the next eight years.
4. Remove Sepulveda Blvd. Multimodal Streetscape Plan for \$150,000 due to budget forecast shortfall in CIP funding.
5. Annual Non-Motorized Transport Program: Reduce the FY20/21 funding by \$50,000 and eliminate the annual \$100,000 programmed for FY20/22 through FY 2024-2025 due to the budget forecast shortfall in CIP funding.
6. Annual ADA Improvements Program (grant): Add \$100,000 to FY24/25.
7. Sepulveda/Oak Neighborhood Intrusion Study: Reprogram the prior year appropriation to FY21/22.

**Staff Recommendation**

Staff recommends that City Council approve the 35 projects programmed in this section of the 5-Year CIP as proposed. Many of the projects identified have already begun, and the remaining projects will be prioritized according to grant funding deadlines, as well as to City Council and departmental priorities. Notably the majority of staff effort in the coming year will be dedicated to overseeing construction of the Sepulveda Bridge project, Polliwog playground replacement and construction of the Village Field pedestrian access pathway.

**Water Fund**

**\$61,031,668**

**18 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 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 underway is the replacement of Peck Reservoir, which accounts for over 60% of the total funding allocated over the next five years.

**Proposed Line Item Modifications**

1. Annual Pipe Replacement Program: Reallocate \$4.0 million in prior year appropriations to FY 2021-2022 through FY23/24; Add \$3.0 million to FY24/25.
2. Block 35 Ground Level Reservoir Replacement: Reprogram the prior year appropriation of \$1.2 million to FY22/23.
3. Chloramination System at Wells 11 and 15: Reprogram prior year appropriation of \$300,000 to FY 2022-2023.
4. Larsson Street and 2nd Street Booster Station Improvement: Add \$1.0 million to FY21/22 for construction.
5. Paint Block 35 Elevated Tank: Add \$800,000 to FY20/21 based on updated construction cost estimates.
6. Peck Ground Elevated Reservoir Replacement: Add \$14 million to FY20/21 based on updated construction cost estimates.
7. Redrill and Equip Well 15: Reprogram prior year appropriation of \$650,000 to FY23/24.
8. Utility Radio Telemetry: Reprogram prior year appropriation of \$215,000 to FY22/23.
9. Well 11A Variable Frequency Drive Installation: Reprogram prior year appropriation of \$125,000 to FY23/24.
10. Well 15 Electrical Panel Replacement and VFD Installation: Reprogram prior year appropriation of \$300,000 to FY23/24.
11. Well Collection Line from Well 11A to Block 35: Remove this project from the list. Include collection line improvements as part of the Block 35 reservoir future replacement project.
12. Generator Upgrades - Larsson, Well 15 and Block 35: Remove the Larsson Street \$250,000 funding allocation due to planned booster station currently improvements underway.

### **Staff Recommendation**

Staff recommends that City Council approve the 18 projects programmed in this section of the 5-Year CIP. The majority of staff effort in the coming year will be to start construction for the Peck Reservoir, replace deteriorated sections water mains, replace water meters with automated registers, and complete repainting of the elevated tank.

### **Stormwater Fund**

**\$6,074,798**

**15 Projects**

This category of projects addresses the infrastructure needs for stormwater conveyance and compliance with national pollution discharge elimination system (NPDES) 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, transfers from the General Fund, and local returns from Measure W. Note that staff plans to apply for a Measure W regional grant in FY20/21 for the Strand Infiltration Project once the feasibility analysis is completed.

### **Proposed Line Item Modifications**

1. Storm Drain Debris Collection Devices: Rename this line item "Storm Drain Capital BMPs"; add \$210,000 in FY24/25; and move \$710,000 from Manhattan Village Trash Capture Device into this category.

2. Itemize the “Strand Infiltration Feasibility Study” line item approved by City Council on April 20, 2020, using existing Storm Drain Capital BMPs funds.
3. Storm Drain Repairs: Add \$500,000 in FY20/21 using Storm Drain Capital BMPs prior year appropriations, and add another \$500,000 to FY24/25.

**Staff Recommendation**

Staff recommends that City Council approve the 15 projects programmed in this section of the 5-Year CIP. The majority of staff effort in the coming year will be to complete the Storm Water Master Plan update, complete various storm drain repairs, and CCTV the entire storm drain network.

**Wastewater Fund**

**\$18,583,741**

**13 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.

Nearly one-half of the funding allocated in this category is for sewer main replacements and repairs, and another 45% is earmarked for lift station upgrades. Lift stations are the backbone of an otherwise gravity flow system, and their proper care is paramount to the safe and effective operation of the entire wastewater system.

**Proposed Line Item Modifications**

1. Annual Rehabilitation of Gravity Sewer Mains: Add \$1.5 million in FY24/25.
2. Utility Radio Telemetry: Reprogram the prior year appropriation to FY22/23.
3. Meadows Lift Station Upgrade: Reprogram prior year appropriation to FY22/23.
4. Palm Lift Station Upgrade: Reprogram the prior year appropriation to FY22/23.
5. City Hall Lift Station Upgrade: Reprogram the prior year appropriation to FY24/25.

**Staff Recommendation**

Staff recommends that City Council approve the 13 projects listed in this section of the 5-Year CIP. Staff prioritizes sewer infrastructure repairs and replacements based on the age and condition of the pipes, useful life of operational equipment, and problematic areas of the system.

**Parking Fund**

**\$1,939,542**

**3 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.

Notably, a structural review of Parking Lot 3 is scheduled for FY22/23 for \$150,000, with a placeholder of \$800,000 in FY23/24 for repairs based on the results and recommendations of

that review. Additionally, City Council allocated \$347,184 for Phase 1 of the Wayfinding Program in December 2019. Much if that work will occur throughout the remainder of 2020.

**Proposed Line Item Modifications**

1. Included the “Wayfinding Sign Program” for \$347,184, which was approved by City Council on November 19, 2020.

**Staff Recommendation**

Staff recommends that City Council approve the 3 projects listed in this section of the 5-Year CIP.

**State Pier and Lot Fund**

**\$1,550,084**

**1 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 replacement and 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 the Pier’s railing system. The current rails were installed in the 1980s and are now beyond repair due to extensive corrosion from the salt air.

**Proposed Line Item Modification**

1. Pier Railings: Add \$1.4 million to FY21/22 for construction.

**Staff Recommendation**

Staff recommends that City Council approve the single project identified in this section, which is complete replacement of the pier’s railing system. No other projects are programmed in this category.

**Completed Projects Over the Past Year**

Public Works has or will have completed many capital projects by the end of June, 2020, which include:

1. Annual Curb, Gutter and Replacement Project
2. Strand Resurfacing Project
3. Annual Slurry Seal: Areas 4, 5 and 6
4. Street Resurfacing: Marine, from Sepulveda to Aviation
5. Street Resurfacing: Liberty Village
6. ADA transition plan within Public Rights of Way
7. Various City Facilities Improvements
8. City Hall 1st and 2nd Floor Restroom Remodel
9. Engineering Division Remodel
10. Fire Station 2 Design Development
11. City Wayfinding Program Master Plan

12. Veterans Parkway Access Master Plan
13. Roadway Safety Barrier Review
14. Cycle 1 Sewer Repair Project
15. Parking Meter Upgrades
16. Tree and Grate Installations - North Manhattan Beach

### **Staffing Resources and Project Workload**

The City of Manhattan Beach has seven full-time engineers dedicated to implementing the City's capital infrastructure program. They continue to make significant headway in clearing out the backlog of projects, while also taking on new projects over the past several years. Currently, there are more than 30 active CIPs underway.

In the coming year, there will be a significant amount of resources dedicated to just four exciting projects worth more than \$63.8 million combined - widening of the Sepulveda Bridge, replacing Peck Reservoir, repainting the elevated tank and replacing the pier's railings. Given their size, scope and complexities, these four projects will impact the number of other capital projects that can be initiated over the next 12-18 months given the amount of staff time and oversight required. Additionally, there are two other large projects still under consideration - construction a new Fire Station 2 and a new Senior and Scout House, although construction timing still has yet to be determined. Depending on when they move forward, they too will impact the Engineering Division's ability to implement other planned capital projects once underway.

### **CONCLUSION:**

Staff recommendations for each funding category are provided throughout this report. Overall, staff seeks approval from City Council for the proposed 114 projects listed in the 5-year CIP and appropriation of \$22,350,000 for FY2020-2021.

### **PUBLIC OUTREACH:**

No outreach was conducted in development of this 5-Year CIP due to the COVID-19 pandemic and staff's subsequent recommendation to defer discussion of adding any new projects to the 5-year CIP to a future date.

### **ENVIRONMENTAL REVIEW:**

The City has reviewed the proposed activity for compliance with the California Environmental Quality Act (CEQA) and has determined that adoption of the 5-year CIP 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 Spreadsheet
2. CIP Project Summary Sheets



4. PowerPoint Presentation



## SCHEDULE OF CAPITAL PROJECTS BY FUND

	Prior Year						TOTAL
	Appropriation <sup>1</sup>	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	Five-Year
<b>CIP Project Funding Summary</b>							
Street Lighting and Landscape Fund	35,000	35,000	35,000	35,000	35,000	35,000	210,000
Streets & Highways Fund	2,483,360	755,000	1,985,000	715,000	1,825,000	715,000	8,478,360
Prop C Fund	20,266,979	800,000	-	1,200,000	-	1,200,000	23,466,979
Measure R Fund	625,000	1,260,000	-	1,250,000	-	800,000	3,935,000
Measure M Fund	480,000	640,000	600,000	-	800,000	-	2,520,000
CIP Fund	7,534,256	650,000	1,400,000	800,000	800,000	800,000	11,984,256
Water Fund	30,141,668	15,100,000	3,750,000	4,965,000	4,075,000	3,000,000	61,031,668
Stormwater Fund	1,524,798	1,710,000	710,000	710,000	710,000	710,000	6,074,798
Wastewater Fund	10,408,132	1,400,000	1,100,000	4,175,609	1,500,000	2,500,000	21,083,741
Parking Fund	989,542	-	-	150,000	800,000	-	1,939,542
State Pier & Lot Fund	150,084	-	1,400,000	-	-	-	1,550,084
	<b>\$74,638,819</b>	<b>\$22,350,000</b>	<b>\$10,980,000</b>	<b>\$14,000,609</b>	<b>\$10,545,000</b>	<b>\$9,760,000</b>	<b>\$142,274,428</b>

<sup>1</sup> Prior Year Appropriation 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.

Items highlighted in red represent modifications made from the previously adopted 5-year CIP.  
 Items highlighted in blue shading represent grant funded projects.

## SCHEDULE OF CAPITAL PROJECTS BY FUND

	Prior Year Appropriation <sup>1</sup>	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	TOTAL Five-Year
<b>Street Lighting &amp; Landscape Fund</b>							
Annual Streetlight Replacement	35,000	35,000	35,000	\$35,000	\$35,000	\$35,000	\$210,000
<b>Street Lighting &amp; Landscape Total</b>	<b>\$35,000</b>	<b>\$35,000</b>	<b>\$35,000</b>	<b>\$35,000</b>	<b>\$35,000</b>	<b>\$35,000</b>	<b>\$210,000</b>
<b>Streets &amp; Highways Fund</b>							
<b>Streets-Concrete Repairs</b>							
Annual Curb, Gutter and Ramp Replacement	\$289,158	\$365,000	\$365,000	\$365,000	\$365,000	\$365,000	\$2,114,158
Village Field ADA Access Design (w/CIP Funding)	58,165	-	-	-	-	-	\$58,165
<b>Streets-Concrete Repairs Total</b>	<b>\$347,323</b>	<b>\$365,000</b>	<b>\$365,000</b>	<b>\$365,000</b>	<b>\$365,000</b>	<b>\$365,000</b>	<b>\$2,172,323</b>
<b>Streets-Pavement Projects</b>							
Biennial Slurry Seal Program			\$970,000		\$770,000	-	\$1,740,000
Annual Street Resurfacing Program	298,390	350,000	650,000	350,000	650,000	350,000	\$2,648,390
Street Resurfacing Project: Rosecrans from Village to Aviation	330,000	-	-	-	-	-	\$330,000
Triennial Pavement Management System Update	-	40,000	-	-	40,000	-	\$80,000
<b>Streets-Pavement Projects Total</b>	<b>\$628,390</b>	<b>\$390,000</b>	<b>\$1,620,000</b>	<b>\$350,000</b>	<b>\$1,460,000</b>	<b>\$350,000</b>	<b>\$4,798,390</b>
<b>Streets-Capacity Improvements</b>							
Aviation at Artesia, SB to WB Right-Turn Lane (SBHP Grant)	\$1,299,789	-	-	-	-	-	\$1,299,789
Sepulveda & 8th St Intersection Improvements (HSIP Grant)	207,858	-	-	-	-	-	\$207,858
<b>Streets-Capacity Improvements Total</b>	<b>\$1,507,647</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,507,647</b>
<b>Streets &amp; Highways Total</b>	<b>\$2,483,360</b>	<b>\$755,000</b>	<b>\$1,985,000</b>	<b>\$715,000</b>	<b>\$1,825,000</b>	<b>\$715,000</b>	<b>\$8,478,360</b>
<b>Prop C Fund</b>							
<b>Streets-Pavement Projects</b>							
Annual Street Resurfacing Program	732,790	800,000	-	1,200,000	-	1,200,000	\$3,932,790
<b>Streets-Pavement Projects Total</b>	<b>\$732,790</b>	<b>\$800,000</b>	<b>-</b>	<b>\$1,200,000</b>	<b>-</b>	<b>\$1,200,000</b>	<b>\$3,932,790</b>
<b>Streets-Capacity Improvements</b>							
Dual LT Lanes on MBB at Sepulveda (SBHP Grant)	\$1,204,980	-	-	-	-	-	\$1,204,980
Sepulveda Bridge (SBHP Grant)	7,871,422	-	-	-	-	-	\$7,871,422
Sepulveda Bridge Widening (MTA Call Grant)	6,399,876	-	-	-	-	-	\$6,399,876
Sepulveda Bridge Widening Prop C Local	3,557,911	-	-	-	-	-	\$3,557,911
Sepulveda Intersection Improvements - Cedar/Marine	500,000	-	-	-	-	-	\$500,000
<b>Streets-Capacity Improvements Total</b>	<b>\$19,534,189</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$19,534,189</b>
<b>Prop C Total</b>	<b>\$20,266,979</b>	<b>\$800,000</b>	<b>-</b>	<b>\$1,200,000</b>	<b>-</b>	<b>\$1,200,000</b>	<b>\$23,466,979</b>
<b>Measure R</b>							
<b>Streets-Pavement Projects</b>							
Annual Street Resurfacing Program	-	\$400,000	-	\$800,000	-	\$800,000	\$2,000,000
<b>Streets-Pavement Projects Total</b>	<b>-</b>	<b>\$400,000</b>	<b>-</b>	<b>\$800,000</b>	<b>-</b>	<b>\$800,000</b>	<b>\$2,000,000</b>
<b>Streets-Capacity Improvements</b>							
Protected LT Lanes: MBB at Peck Ave	\$285,000	\$260,000	-	-	-	-	\$545,000
<b>Streets-Capacity Improvements Total</b>	<b>\$285,000</b>	<b>\$260,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$545,000</b>
<b>Streets-Pedestrian Improvements</b>							
Ocean Drive Walk Street Crossings		-	-	\$450,000	-	-	\$450,000
Rosecrans Bike Lane Improvements	\$240,000	-	-	-	-	-	\$240,000
Aviation (West-side) and 33rd Sidewalk (partial grant 5310)	100,000	600,000	-	-	-	-	\$700,000
<b>Streets-Pedestrian Improvements Total</b>	<b>\$340,000</b>	<b>\$600,000</b>	<b>-</b>	<b>\$450,000</b>	<b>-</b>	<b>-</b>	<b>\$1,390,000</b>
<b>Measure R Total</b>	<b>\$625,000</b>	<b>\$1,260,000</b>	<b>-</b>	<b>\$1,250,000</b>	<b>-</b>	<b>\$800,000</b>	<b>\$3,935,000</b>

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

Items highlighted in blue shading represent grant funded projects.

## SCHEDULE OF CAPITAL PROJECTS BY FUND

	Prior Year Appropriation <sup>1</sup>	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	TOTAL Five-Year
<b>Measure M</b>							
Rowell Avenue Sidewalk Connection (Curtis & 1st St.)	200,000	640,000	-	-	-	-	\$840,000
Annual Street Resurfacing Program	-	-	600,000	-	800,000	-	\$1,400,000
Traffic Signal Pole: 15th and Highland	280,000	-	-	-	-	-	\$280,000
<b>Streets-Pedestrian Improvements Total</b>	<b>\$480,000</b>	<b>\$640,000</b>	<b>\$600,000</b>	-	<b>\$800,000</b>	-	<b>\$2,520,000</b>
<b>Measure M Total</b>	<b>\$480,000</b>	<b>\$640,000</b>	<b>\$600,000</b>	-	<b>\$800,000</b>	-	<b>\$2,520,000</b>
<b>CIP Fund</b>							
<b>Facilities Projects</b>							
Facility Improvements	\$161,853	\$600,000	\$400,000	\$600,000	\$600,000	\$600,000	\$2,961,853
Citywide Security Cameras	\$430,000	-	-	-	-	-	\$430,000
City Hall HVAC Replacement/Repair	\$1,300,000	-	-	-	-	-	\$1,300,000
Roof Replacements - Marine/Live Oak/Rec Hall	\$354,020	-	-	-	-	-	\$354,020
Streetlight LED Retrofit	332,023	-	-	-	-	-	\$332,023
Fiber Master Plan	67,133	-	-	-	-	-	\$67,133
Mariposa Fitness Station	138,420	-	-	-	-	-	\$138,420
Ceramics Studio Upgrades	259,500	-	-	-	-	-	\$259,500
Fire Station 2 Design Development	442,762	-	-	-	-	-	\$442,762
Senior & Scout House	1,000,000	-	-	-	-	-	\$1,000,000
Replacement/Upgrade Fire Station 1 Diesel Exhaust Removal System	30,000	-	-	-	-	-	\$30,000
Begg Field Improvements	-	-	500,000	-	-	-	\$500,000
School District Project	250,000	-	-	-	-	-	\$250,000
Historic Document Repository	-	-	250,000	-	-	-	\$250,000
City Owned Refuse Enclosure Sewer Connections (annual)	-	-	100,000	100,000	100,000	100,000	\$400,000
<b>Facilities Projects Total</b>	<b>\$4,765,711</b>	<b>\$600,000</b>	<b>\$1,250,000</b>	<b>\$700,000</b>	<b>\$700,000</b>	<b>\$700,000</b>	<b>\$8,715,711</b>
<b>Right-of-Way Projects</b>							
Downtown Streetscape Improvements: Traffic Signal Pole Replacement	\$842,650	-	-	-	-	-	\$842,650
Traffic Signal Battery Back-Up Installation	110,000	-	-	-	-	-	\$110,000
Traffic Signal Preemption Devices	158,282	-	-	-	-	-	\$158,282
Annual Non-Motorized Transport. Prog. (Bikelanes, Crosswalks)	107,715	50,000	-	-	-	-	\$157,715
Automatic License Plate Readers - Sepulveda Pole	149,898	-	-	-	-	-	\$149,898
<b>Right-of-Way Projects Subtotal</b>	<b>1,368,545</b>	<b>50,000</b>	-	-	-	-	<b>1,418,545</b>
<b>Grants and Special Funds Projects</b>							
Polliwog Playground Resurfacing & Equip. Replacement (Prop A/CIP)	1,000,000	-	-	-	-	-	\$1,000,000
Polliwog Band Stage (Public Art Trust Fund)	100,000	-	-	-	-	-	\$100,000
Village Field Access Ramp Construction (CDBG Funds)	300,000	-	-	-	-	-	\$300,000
Annual ADA Improvements Program (CDBG Funds)	-	-	100,000	100,000	100,000	100,000	\$400,000
Sepulveda/Oak Neighborhood Intrusion Study	-	-	50,000	-	-	-	\$50,000
<b>Grants and Special Funds Projects Total</b>	<b>\$1,400,000</b>	-	<b>\$150,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$1,850,000</b>
<b>CIP Fund Total</b>	<b>\$7,534,256</b>	<b>\$650,000</b>	<b>\$1,400,000</b>	<b>\$800,000</b>	<b>\$800,000</b>	<b>\$800,000</b>	<b>\$11,984,256</b>

Items highlighted in red represent modifications made from the previously adopted 5-Year CIP.  
Items highlighted in blue shading represent grant funded projects.

## SCHEDULE OF CAPITAL PROJECTS BY FUND

	Prior Year Appropriation <sup>1</sup>						TOTAL Five-Year
		FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
<b>Water Fund</b>							
<b>Water Projects</b>							
Annual Pipe Replacement Program	\$379,080	-	\$2,500,000	\$3,000,000	\$3,000,000	\$3,000,000	\$11,879,080
Water Meter Upgrade and Automation	5,321,040	-	-	-	-	-	\$5,321,040
Block 35 Ground Level Reservoir Replacement (Design Only)	-	-	-	1,200,000	-	-	\$1,200,000
Chloramination System at Wells 11 & 15	-	-	-	300,000	-	-	\$300,000
Larsson Street and 2nd Street Booster Station Improvement	648,941	-	1,000,000	-	-	-	\$1,648,941
Paint Block 35 Elevated Tank (interior and exterior)	841,428	800,000	-	-	-	-	\$1,641,428
Peck Ground Level Reservoir Replacement	22,751,179	14,000,000	-	-	-	-	\$36,751,179
Redrill & Equip Well 15	-	-	-	-	650,000	-	\$650,000
Utility Radio Telemetry	-	-	-	215,000	-	-	\$215,000
Well 11A Variable Frequency Drive Installation	-	-	-	-	125,000	-	\$125,000
Well 15 Electrical Panel Replacement and VFD Installation	-	-	-	-	300,000	-	\$300,000
Water Masterplan Update	-	300,000	-	-	-	-	\$300,000
Electronics Automation - SCADA, etc.	200,000	-	-	-	-	-	\$200,000
Generator Upgrades - Well 15 and Block 35	-	-	250,000	250,000	-	-	\$500,000
<b>Water Projects Total</b>	<b>\$30,141,668</b>	<b>\$15,100,000</b>	<b>\$3,750,000</b>	<b>\$4,965,000</b>	<b>\$4,075,000</b>	<b>\$3,000,000</b>	<b>\$61,031,668</b>
<b>Water Total</b>	<b>\$30,141,668</b>	<b>\$15,100,000</b>	<b>\$3,750,000</b>	<b>\$4,965,000</b>	<b>\$4,075,000</b>	<b>\$3,000,000</b>	<b>\$61,031,668</b>
<b>Stormwater Fund</b>							
<b>Stormwater Projects</b>							
Storm Drain Capital BMPs	-	\$710,000	\$210,000	\$210,000	\$210,000	\$210,000	\$1,550,000
Strand Infiltration Feasibility Study	\$200,000	-	-	-	-	-	\$200,000
Storm Drain Repairs	924,798	500,000	500,000	500,000	500,000	500,000	\$3,424,798
CCTV Storm Drain System	150,000	-	-	-	-	-	\$150,000
Stormwater Masterplan Update	250,000	-	-	-	-	-	\$250,000
Joint Watershed Infiltration Project	-	500,000	-	-	-	-	\$500,000
<b>Stormwater Projects Total</b>	<b>\$1,524,798</b>	<b>\$1,710,000</b>	<b>\$710,000</b>	<b>\$710,000</b>	<b>\$710,000</b>	<b>\$710,000</b>	<b>\$6,074,798</b>
<b>Stormwater Total</b>	<b>\$1,524,798</b>	<b>\$1,710,000</b>	<b>\$710,000</b>	<b>\$710,000</b>	<b>\$710,000</b>	<b>\$710,000</b>	<b>\$6,074,798</b>
<b>Wastewater Fund</b>							
<b>Wastewater Projects</b>							
Annual Rehabilitation of Gravity Sewer Mains	\$2,560,652	\$1,100,000	\$1,100,000	\$1,100,000	\$1,500,000	\$1,500,000	\$8,860,652
Poinsettia Sewage Lift Station and Force Main Replacement	3,297,480	-	-	-	-	-	\$3,297,480
Pacific Lift Station Upgrade	2,400,000	-	-	-	-	-	\$2,400,000
Utility Radio Telemetry	-	-	-	75,609	-	-	\$75,609
Voorhees Lift Station Upgrade	2,150,000	-	-	-	-	-	\$2,150,000
Meadows Lift Station Upgrade	-	-	-	1,600,000	-	-	\$1,600,000
Wastewater Master Plan Update	-	300,000	-	-	-	-	\$300,000
Palm Lift Station Upgrade	-	-	-	1,400,000	-	-	\$1,400,000
City Hall Lift Station	-	-	-	-	-	1,000,000	\$1,000,000
<b>Wastewater Projects Total</b>	<b>\$10,408,132</b>	<b>\$1,400,000</b>	<b>\$1,100,000</b>	<b>\$4,175,609</b>	<b>\$1,500,000</b>	<b>\$2,500,000</b>	<b>\$18,583,741</b>
<b>Wastewater Total</b>	<b>\$10,408,132</b>	<b>\$1,400,000</b>	<b>\$1,100,000</b>	<b>\$4,175,609</b>	<b>\$1,500,000</b>	<b>\$2,500,000</b>	<b>\$18,583,741</b>

Items highlighted in red represent modifications made from the previously adopted 5-Year CIP.  
 Items highlighted in blue shading represent grant funded projects.

## SCHEDULE OF CAPITAL PROJECTS BY FUND

	Prior Year Appropriation <sup>1</sup>	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	TOTAL Five-Year
<b>Parking Fund</b>							
<b>Parking Projects</b>							
Parking Structure Structural Rehab: Lot 4	642,358	-	-	-	-	-	\$642,358
Parking Structure Structural Analysis/Design: Lot 3	-	-	-	150,000	800,000	-	\$950,000
Way Finding Program (Phase 1)	347,184	-	-	-	-	-	\$347,184
<b>Parking Projects Total</b>	<b>\$989,542</b>	-	-	<b>\$150,000</b>	<b>\$800,000</b>	-	<b>\$1,939,542</b>
<b>Parking Total</b>	<b>\$989,542</b>	-	-	<b>\$150,000</b>	<b>\$800,000</b>	-	<b>\$1,939,542</b>
<b>State Pier &amp; Lot Fund</b>							
<b>Parking Projects</b>							
Pier Railings - Design	150,084	-	1,400,000	-	-	-	\$1,550,084
<b>Parking Projects Total</b>	<b>\$150,084</b>	-	<b>\$1,400,000</b>	-	-	-	<b>\$1,550,084</b>
<b>State Pier &amp; Lot Fund Total</b>	<b>\$150,084</b>	-	<b>\$1,400,000</b>	-	-	-	<b>\$1,550,084</b>





**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 #:** 20101E  
**Original Funding Year:** 2019-20  
**General Plan Element Goals:** I-1, I-2

**Project Title:** Annual Streetlight Replacement (Streetlight Fund)

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

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

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Streetlight Fund	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 210,000
	<b>TOTAL</b>	<b>\$ 35,000</b>	<b>\$ 35,000</b>	<b>\$ 35,000</b>	<b>\$ 35,000</b>	<b>\$ 35,000</b>	<b>\$ 35,000</b>	<b>\$ 210,000</b>

**Location Map:**

No map; Citywide

**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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

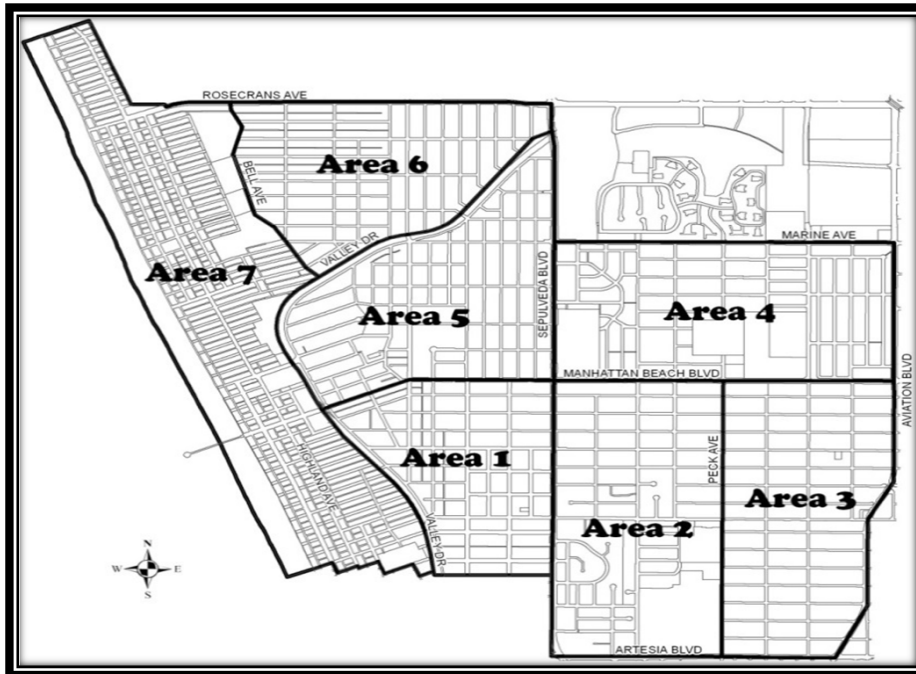
**Project Title:** Annual Curb, Gutter and Ramp Replacement Project

**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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
Streets & Highway		\$ 289,158	\$ 365,000	\$ 365,000	\$ 365,000	\$ 365,000	\$ 365,000	\$ 2,114,158
<b>TOTAL</b>		<b>\$ 289,158</b>	<b>\$ 365,000</b>	<b>\$ 365,000</b>	<b>\$ 365,000</b>	<b>\$ 365,000</b>	<b>\$ 365,000</b>	<b>\$ 2,114,158</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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

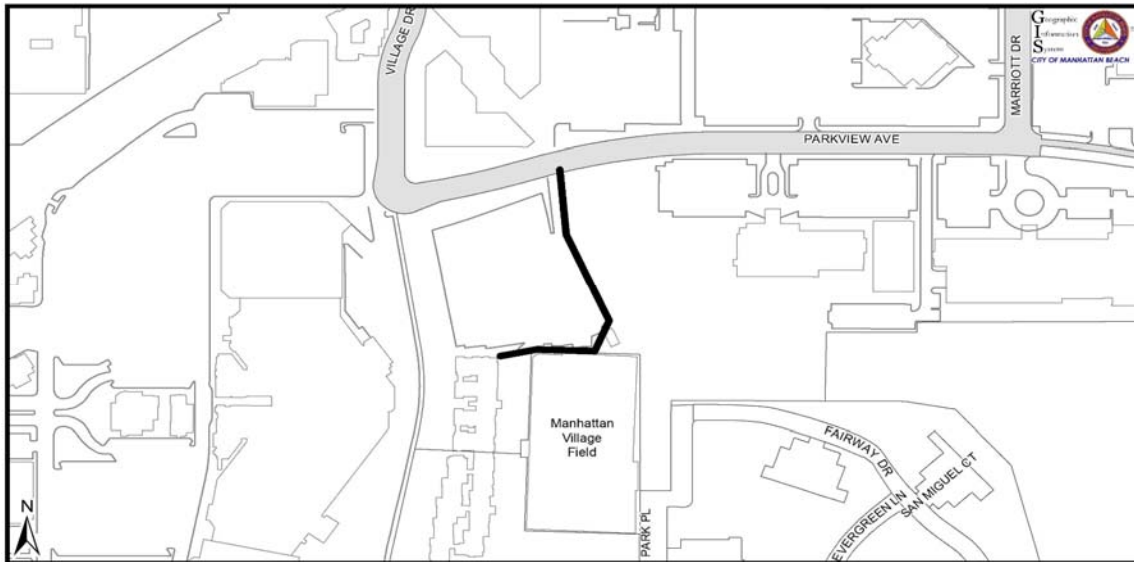
**Project Title:** Village Field ADA Access: Design (w/CIP Funding)

**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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Streets & Highway	\$ 58,165			\$ -	\$ -	\$ -	\$ 58,165
	<b>TOTAL</b>	<b>\$ 58,165</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 58,165</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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

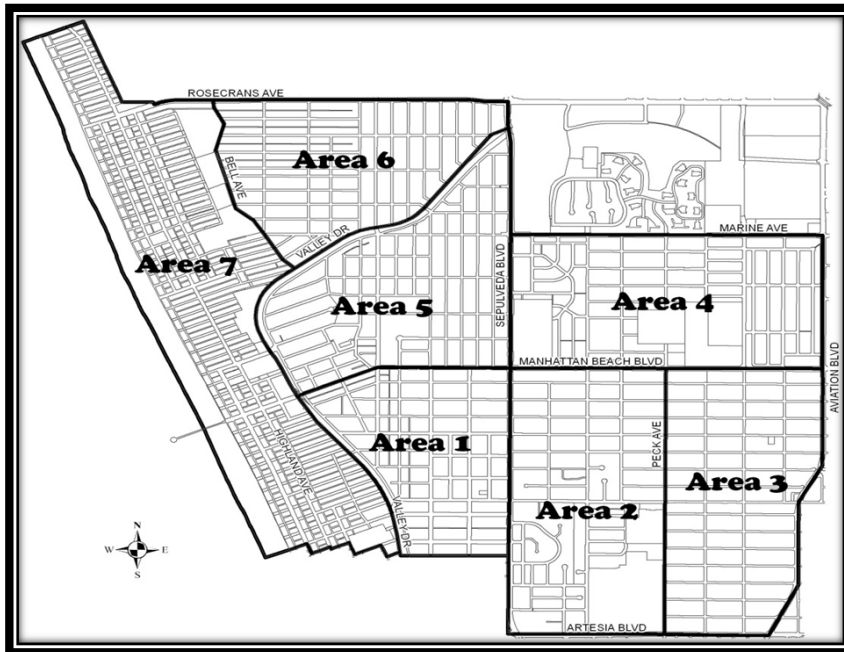
**Project Title:** Biennial Slurry Seal Program

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

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

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Gas Tax	\$ -	\$ -	\$ 970,000	\$ -	\$ 770,000	\$ -	\$ 1,740,000
	<b>TOTAL</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 970,000</b>	<b>\$ -</b>	<b>\$ 770,000</b>	<b>\$ -</b>	<b>\$ 1,740,000</b>

**Location Map:**



# City of Manhattan Beach Capital Improvement Plan FY2021-2025 Summary Sheets

**Category:**

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

**Funding Source:** Multiple Funds Sts Hwys Fund (w/Prop C,  
**Carryover Project #:** 19102E Msr R & Msr M)  
**Original Funding Year:** 2018-19  
**General Plan Element Goals:** I-1

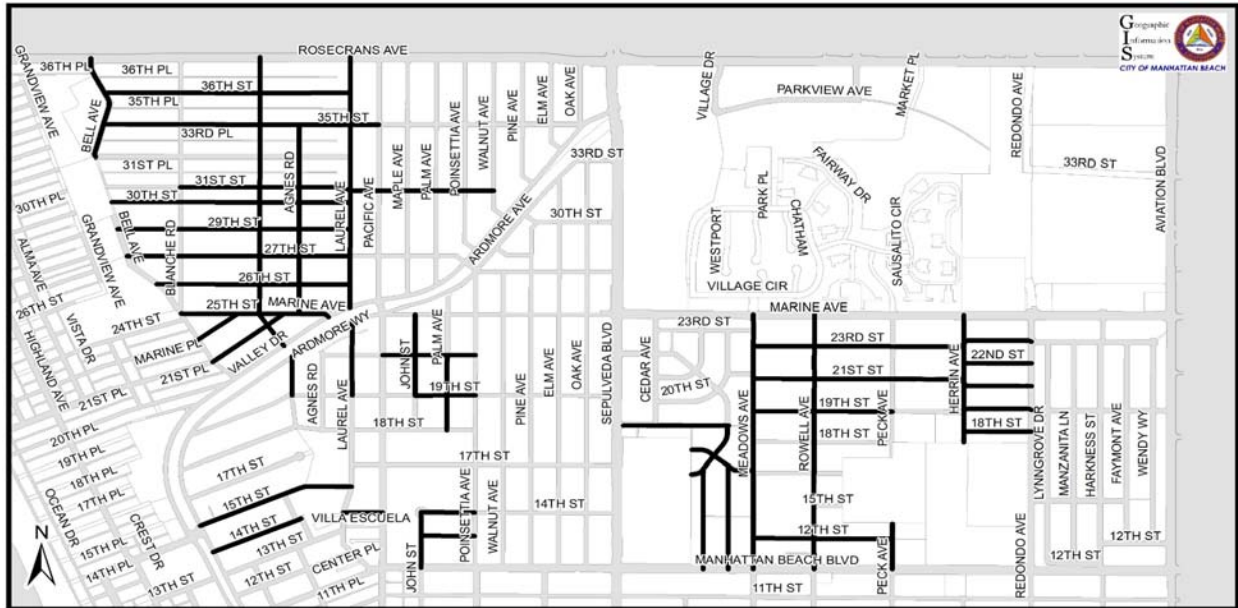
**Project Title:** Annual Street Resurfacing Program

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

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

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Streets & Hwy Fund	\$ 298,390	\$ 350,000	\$ 650,000	\$ 350,000	\$ 650,000	\$ 350,000	\$ 2,648,390
	<b>TOTAL</b>	<b>\$ 298,390</b>	<b>\$ 350,000</b>	<b>\$ 650,000</b>	<b>\$ 350,000</b>	<b>\$ 650,000</b>	<b>\$ 350,000</b>	<b>\$ 2,648,390</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 #:** 16101E  
**Original Funding Year:** 2015-16  
**General Plan Element Goals:** I-1, I-2, I-2.3, I-6

**Project Title:** Street Resurfacing Project: Rosecrans Avenue (Village Drive 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 Rosecrans Avenue from Village Drive 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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Streets & Highway	\$ 330,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330,000
	<b>TOTAL</b>	<b>\$ 330,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 330,000</b>

**Location Map:**

No map

**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Streets & Hwy Fund	\$ -	\$ 40,000	\$ -	\$ -	\$ 40,000	\$ -	\$ 80,000
	<b>TOTAL</b>	<b>\$ -</b>	<b>\$ 40,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 40,000</b>	<b>\$ -</b>	<b>\$ 80,000</b>

**Location Map:**

No map, system update

**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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

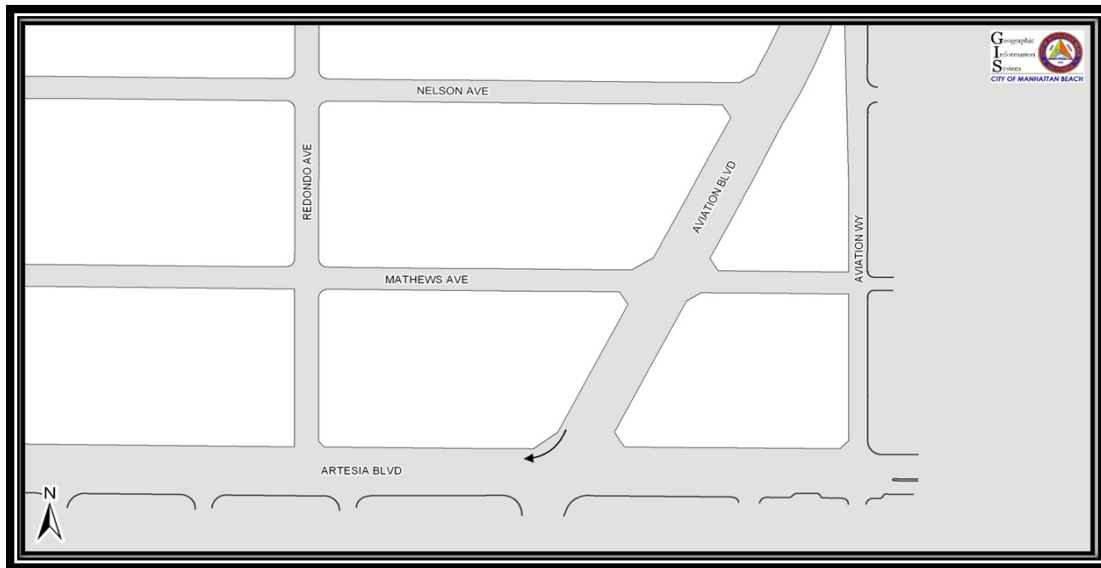
**Project Title:** Aviation Boulevard at Artesia Boulevard Southbound to Westbound Right-Turn Lane (SBHP Grant)

**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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Streets & Hwy Fund (and SBHP Grant)	\$ 1,299,789	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,299,789
<b>TOTAL</b>		<b>\$ 1,299,789</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,299,789</b>

**Location Map:**





**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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

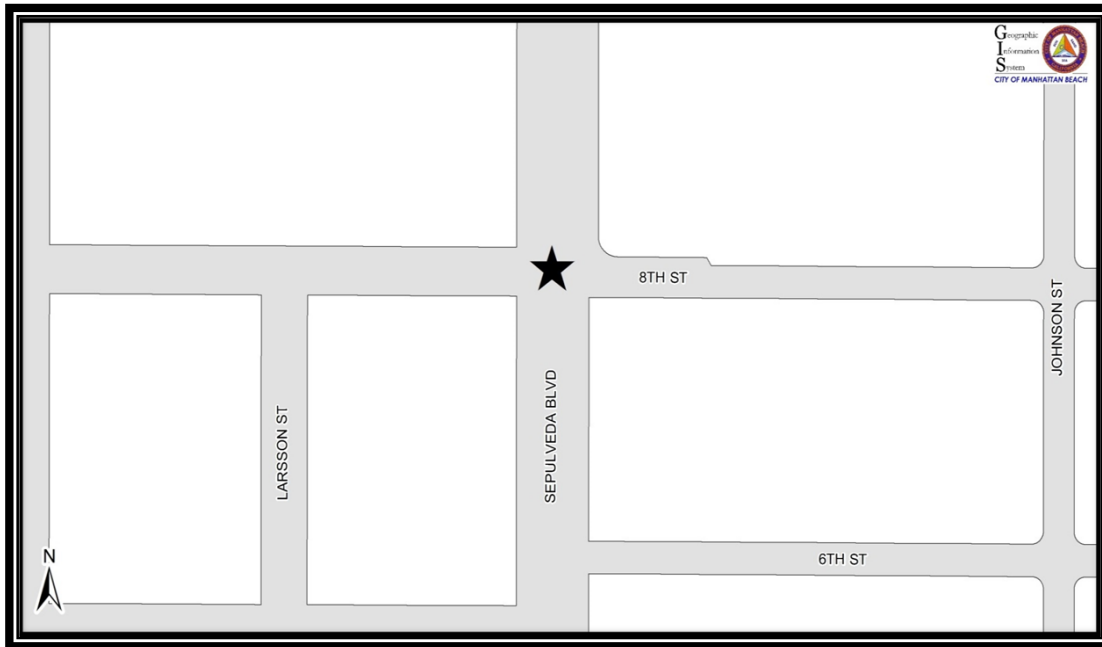
**Project Title:** Sepulveda Boulevard & 8th Street Intersection Improvements, Northbound and Southbound from Sepulveda to 8th (Highway Safety Improvement Program – HSIP)

**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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Streets & Hwy Fund (HSIP Grant)	\$ 207,858	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 207,858
	<b>TOTAL</b>	<b>\$ 207,858</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 207,858</b>

**Location Map:**



# City of Manhattan Beach Capital Improvement Plan FY2021-2025 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 C (w/ Sts Hwys,  
**Carryover Project #:** 19102E Msr R & Msr M)  
**Original Funding Year:** 2018-19  
**General Plan Element Goals:** I-1, I-2, I-2.3, I-6

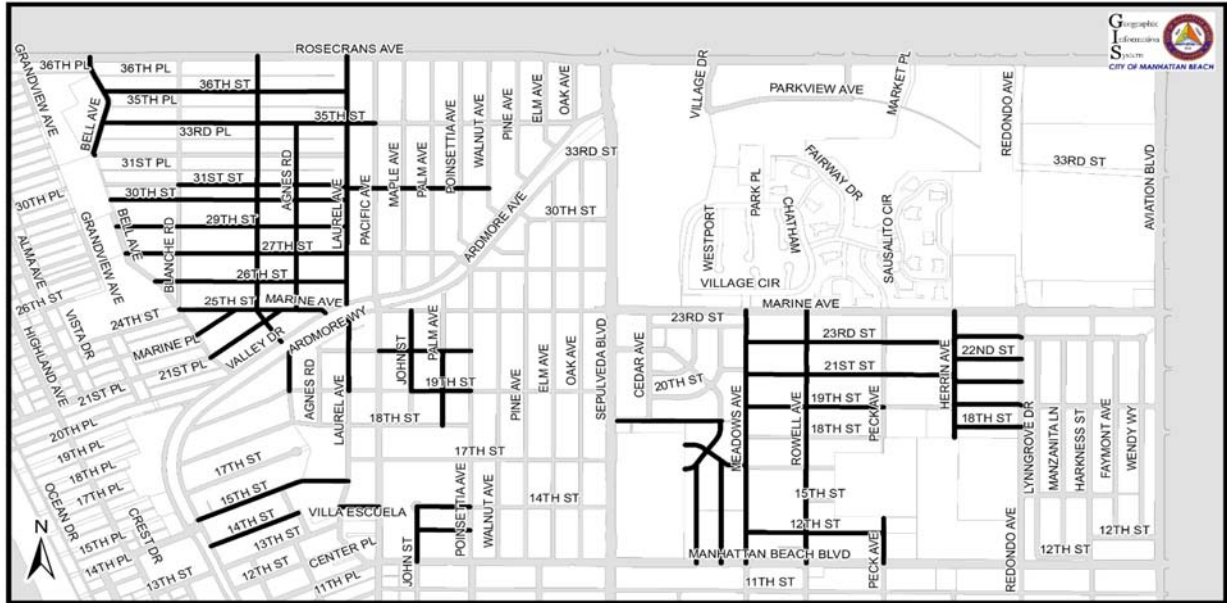
**Project Title:** Annual Street Resurfacing Program

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

**Justification:** 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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Prop C	\$ 732,790	\$ 800,000	\$ -	\$ 1,200,000	\$ -	\$ 1,200,000	\$ 3,932,790
	<b>TOTAL</b>	<b>\$ 732,790</b>	<b>\$ 800,000</b>	<b>\$ -</b>	<b>\$ 1,200,000</b>	<b>\$ -</b>	<b>\$ 1,200,000</b>	<b>\$ 3,932,790</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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

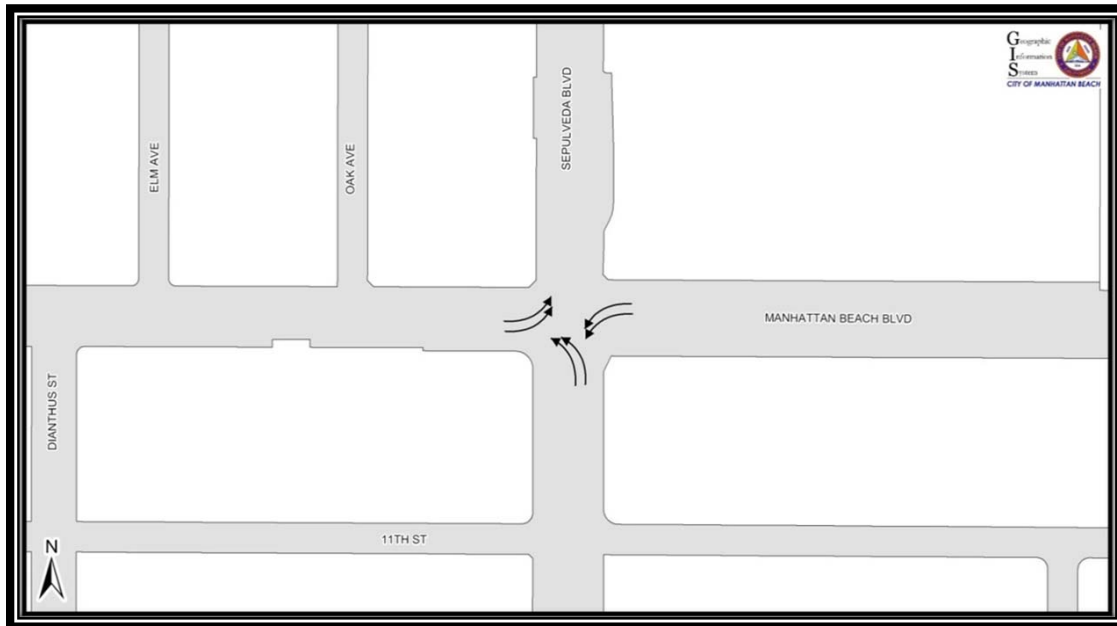
**Project Title:** Dual Left-Turn Lanes on Manhattan Beach Boulevard at Sepulveda Boulevard, EB to NB, NB to WB, WB to SB (SBHP Grant)

**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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Proposition C (SBHP Grant)	\$ 1,204,980	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,204,980
<b>TOTAL</b>		<b>\$ 1,204,980</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,204,980</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 Lr Prop C, MTA Call, SBHP  
**Carryover Project #:** 10827E (Prop C Local)  
 13840E (MTA Call) & 13841E (Msr R SBHP)  
**General Plan Element Goals:** LU-8, I-1, I-2

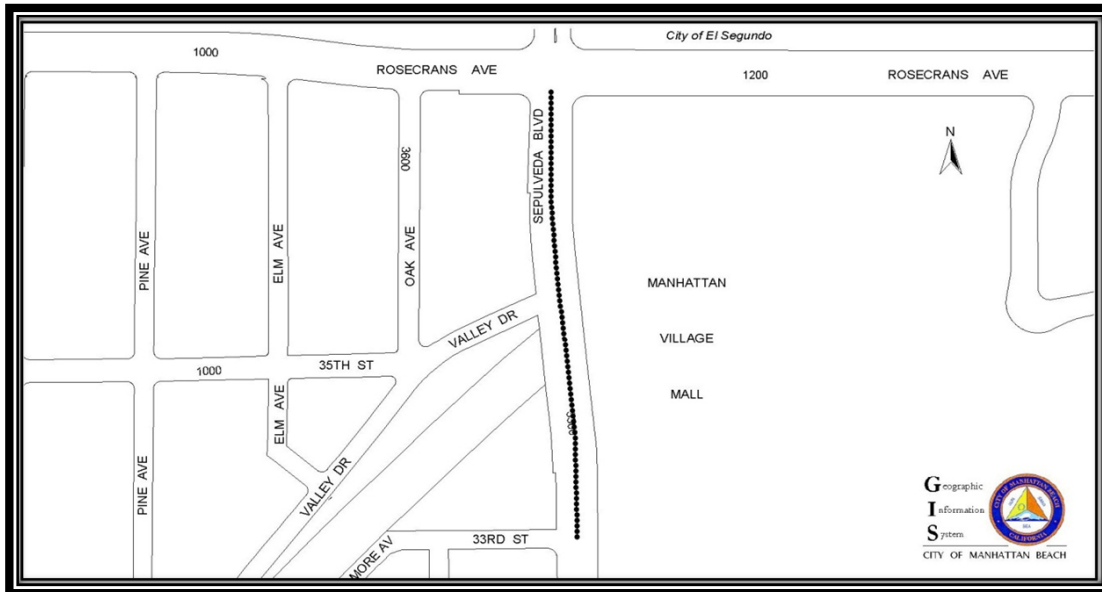
**Project Title:** Sepulveda Bridge Widening Project

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

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

Project Cost Information:	Funding Source(s):	Remaining funds as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Proposition C (SBHP Grant)	\$ 7,871,422	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,871,422
	Proposition C (MTA Call Grant)	\$ 6,399,876	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,399,876
	Proposition C (Prop C Local)	\$ 3,557,911	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,557,911
<b>TOTAL</b>		<b>\$ 17,829,209</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 17,829,209</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Proposition C (SBHP Grant)	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000
	<b>TOTAL</b>	<b>\$ 500,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 500,000</b>

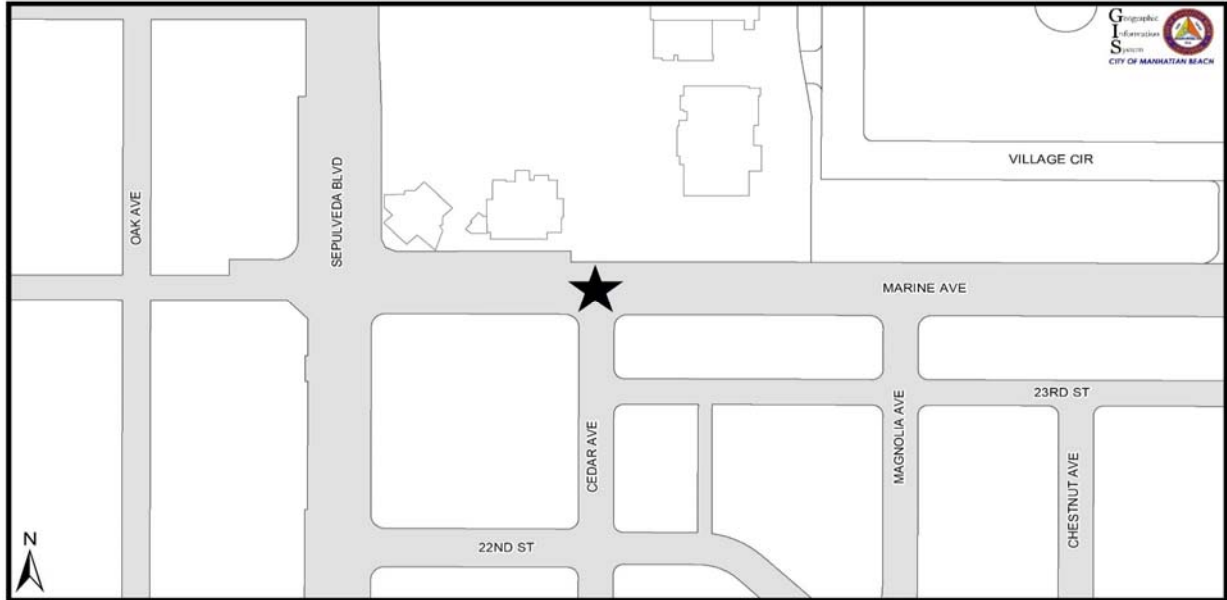
**Location Map:**

Map located on next page

City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
Summary Sheets

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

Location  
Map:



# City of Manhattan Beach Capital Improvement Plan FY2021-2025 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 Measure R (w/ Sts Hwys,  
**Carryover Project #:** 19102E Prop C & Msr M)  
**Original Funding Year:** 2018-19  
**General Plan Element Goals:** I-1, I-2, I-2.3, I-6

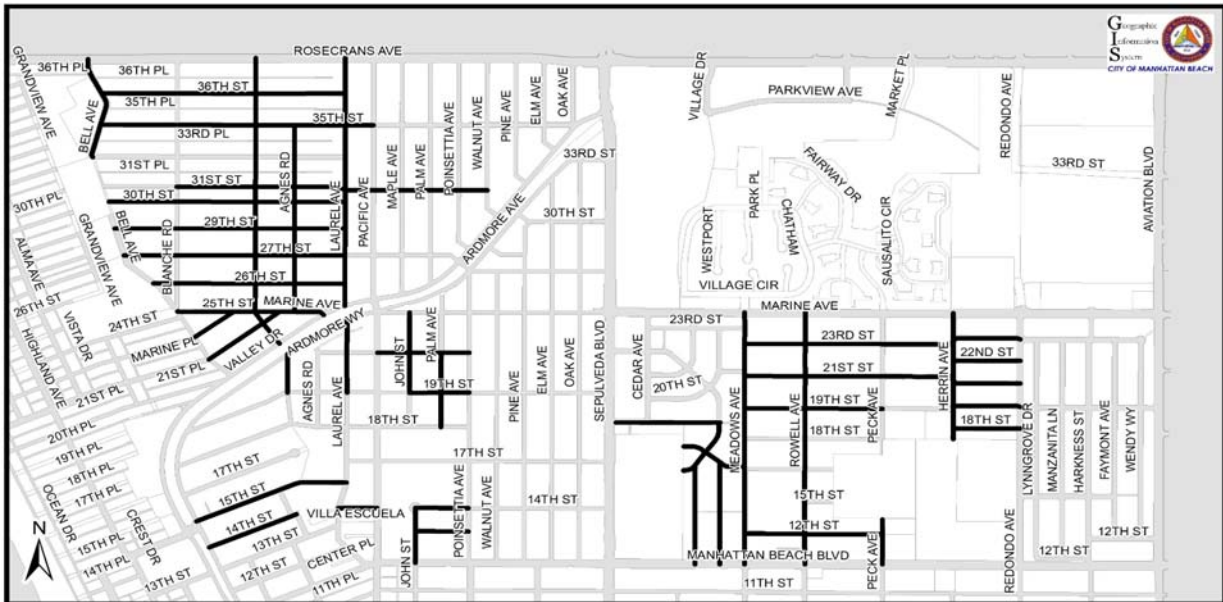
**Project Title:** Annual Street Resurfacing Program

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

**Justification:** 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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Measure R	\$	400,000	\$ -	\$ 800,000	\$ -	\$ 800,000	\$ 2,000,000
	<b>TOTAL</b>	<b>\$ -</b>	<b>\$ 400,000</b>	<b>\$ -</b>	<b>\$ 800,000</b>	<b>\$ -</b>	<b>\$ 800,000</b>	<b>\$ 2,000,000</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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

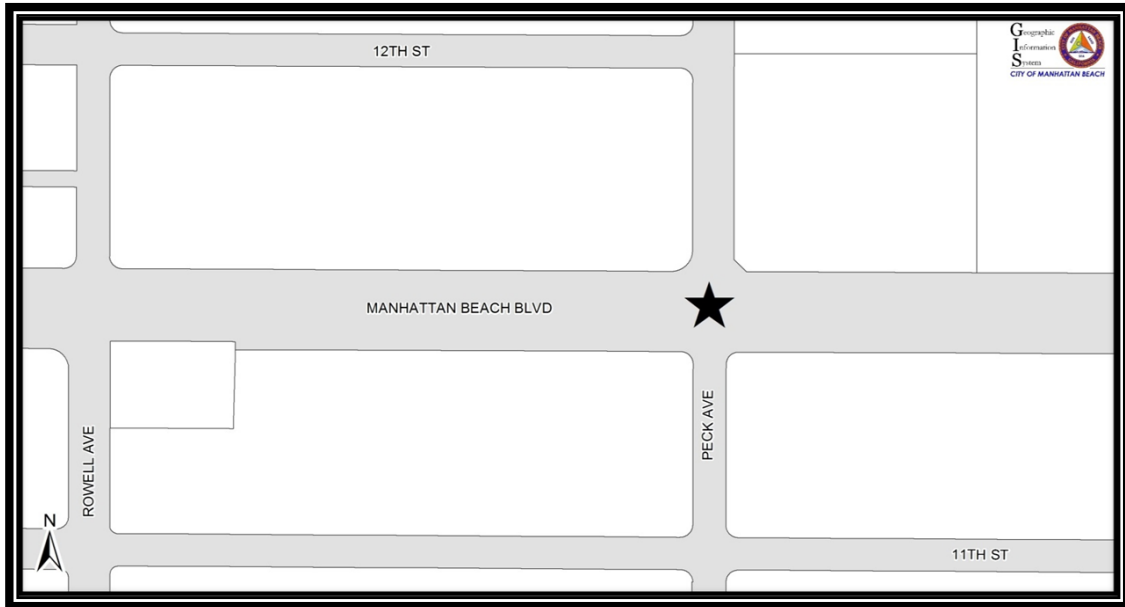
**Project Title:** Protected Left-Turns: Manhattan Beach Blvd. at Peck Ave.

**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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Measure R Local Return	\$ 285,000	\$ 260,000	\$ -	\$ -	\$ -	\$ -	\$ 545,000
	<b>TOTAL</b>	<b>\$ 285,000</b>	<b>\$ 260,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 545,000</b>

**Location Map:**





**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Measure R	\$ -	\$ -		\$ 450,000	\$ -	\$ -	\$ 450,000
	Local Return							
	<b>TOTAL</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 450,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 450,000</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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:** Rosecrans Bike Lane Improvements (relocated from CIP Fund)

**Description:** Installation of a bike lane on Rosecrans Ave.

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

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Measure R Local Return	\$ 240,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 240,000
	<b>TOTAL</b>	<b>\$ 240,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 240,000</b>

**Location Map:**

No map

**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 #:** 20102E  
**Original Funding Year:** 2019-20  
**General Plan Element Goals:** I-6

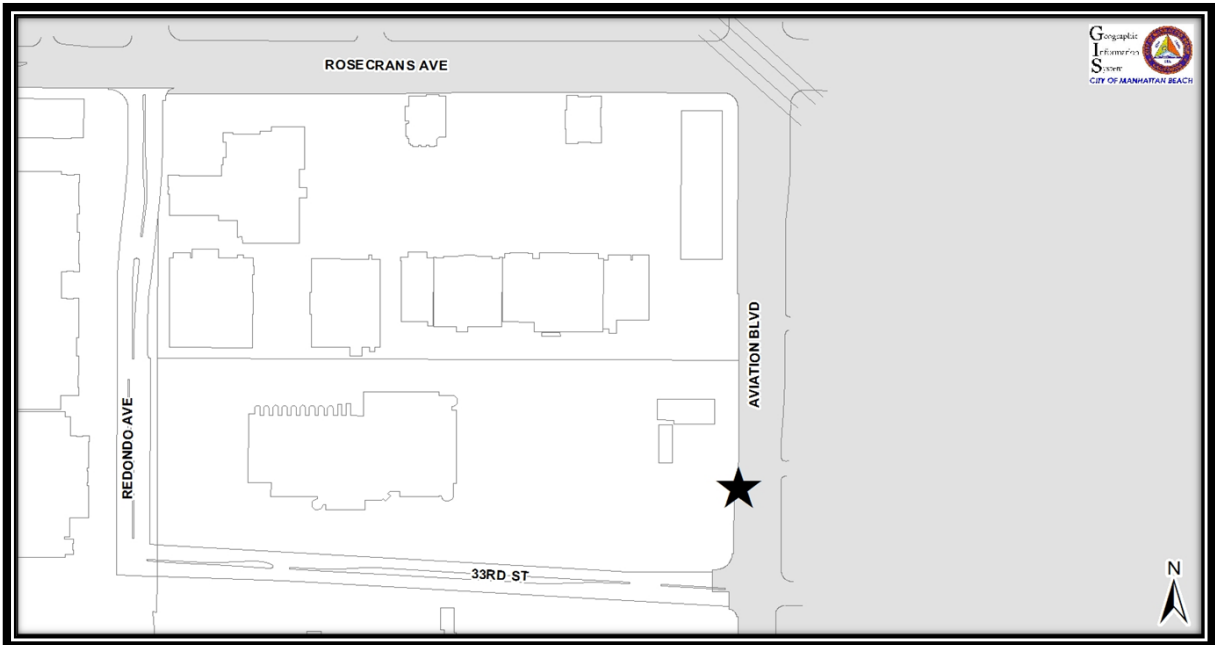
**Project Title:** Aviation (West-side) and 33rd Street Sidewalk (partial grant 5310)

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

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

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Measure R	\$ 100,000	\$ 600,000	\$ -		\$ -	\$ -	\$ 700,000
	Local Return							
	<b>TOTAL</b>	<b>\$ 100,000</b>	<b>\$ 600,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 700,000</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 #:** 20104E  
**Original Funding Year:** 2019-20  
**General Plan Element Goals:** I-1, I-6

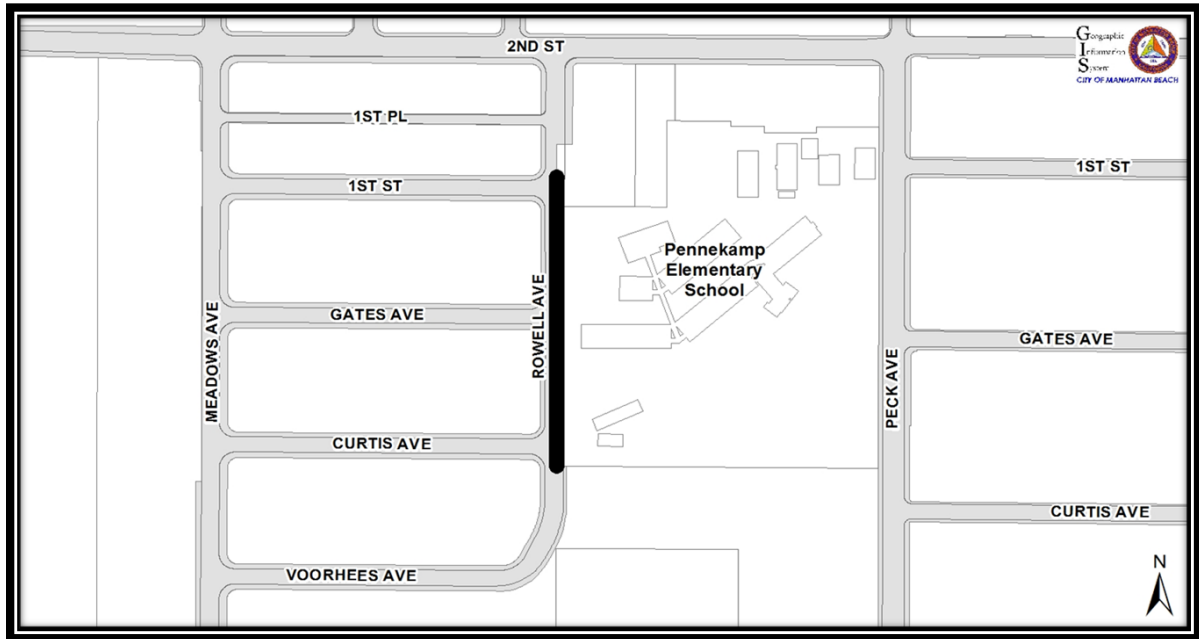
**Project Title:** Rowell Avenue Sidewalk Connection (Curtis & 1st St.)

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

**Justification:** This is a specific request from the School District to enhance the safety of the kids/parents that walk to the school. This project is a good candidate for grant application to obtain supplemental funding.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Measure M	\$ 200,000	\$ 640,000	\$ -		\$ -	\$ -	\$ 840,000
	Local Return							
	<b>TOTAL</b>	<b>\$ 200,000</b>	<b>\$ 640,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 840,000</b>

**Location Map:**



# City of Manhattan Beach Capital Improvement Plan FY2021-2025 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 Measure M (w/ Sts Hwys,  
**Carryover Project #:** 19102E Prop C & Msr R)  
**Original Funding Year:** 2018-19  
**General Plan Element Goals:** I-1, I-2, I-2.3, I-6

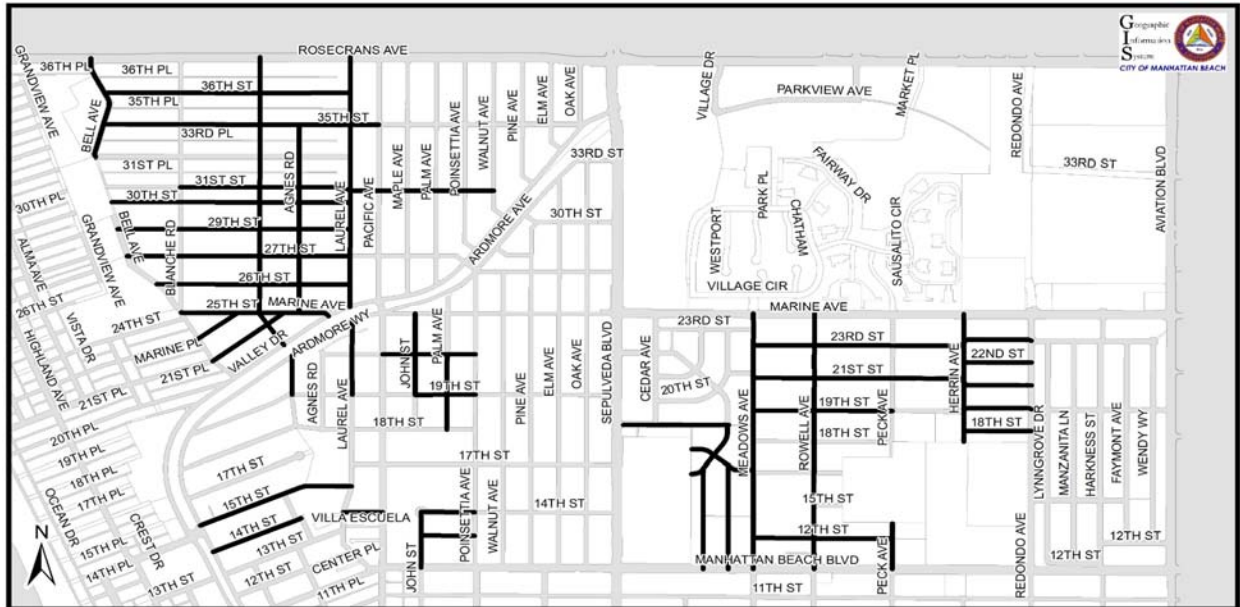
**Project Title:** Annual Street Resurfacing Program

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

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

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Measure M	\$ -	\$ -	\$ 600,000	\$ -	\$ 800,000	\$ -	\$ 1,400,000
	<b>TOTAL</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 600,000</b>	<b>\$ -</b>	<b>\$ 800,000</b>	<b>\$ -</b>	<b>\$ 1,400,000</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 #:** 20105E  
**Original Funding Year:** 2019-20  
**General Plan Element Goals:** I-1, I-2

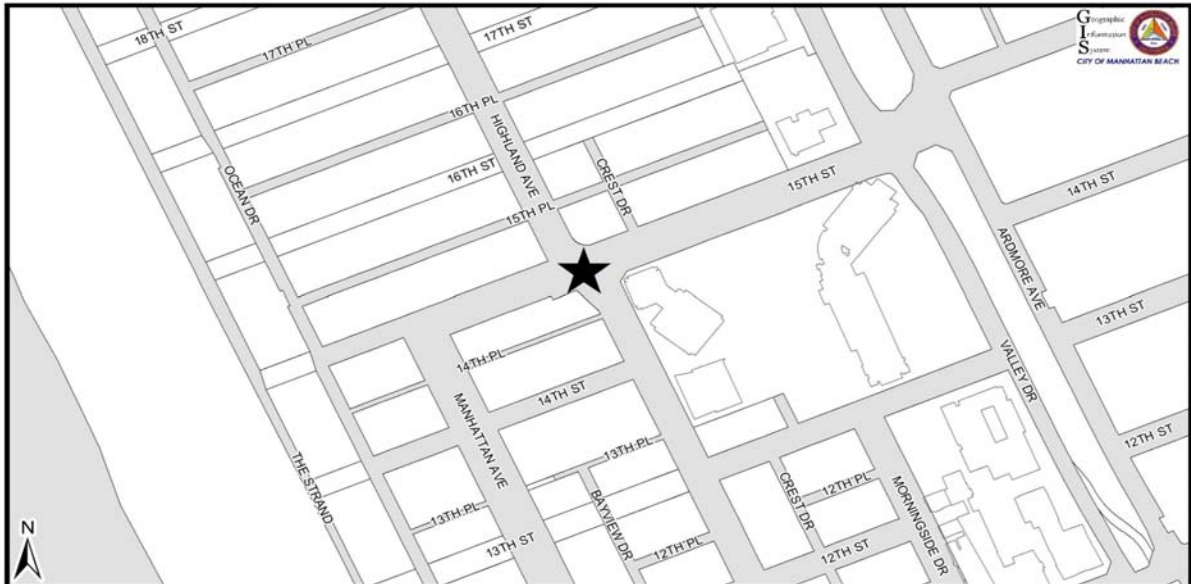
**Project Title:** Traffic Signal Pole: 15th St. and Highland Ave.

**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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Measure M	\$ 280,000	\$ -			\$ -	\$ -	\$ 280,000
	Local Return							
	<b>TOTAL</b>	<b>\$ 280,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 280,000</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 citywide based on the results of the Facilities Condition Assessment and Council direction.

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

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	CIP Fund	\$ 161,853	\$ 600,000	\$ 400,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 2,961,853
	<b>TOTAL</b>	<b>\$ 161,853</b>	<b>\$ 600,000</b>	<b>\$ 400,000</b>	<b>\$ 600,000</b>	<b>\$ 600,000</b>	<b>\$ 600,000</b>	<b>\$ 2,961,853</b>

**Location**

**Map:**

No map; various facilities Citywide

**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 #:**

**Original Funding Year:**

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

**Project Title:** Citywide Security Cameras

**Description:** Install security cameras at various locations citywide.

**Justification:** Installing security cameras is a measure to increase the safety and security of the community.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	CIP Fund	\$ 430,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 430,000
	<b>TOTAL</b>	<b>\$ 430,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 430,000</b>

**Location**

**Map:**

No map; various locations Citywide



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 #:**

**Original Funding Year:**

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

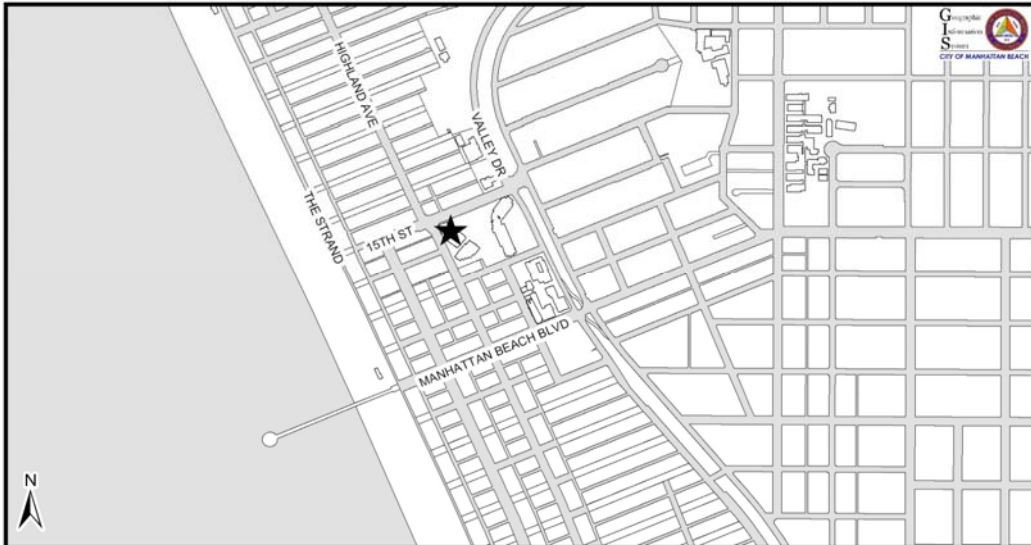
**Project Title:** City Hall HVAC System Replacement/Repair

**Description:** Replacement/repair of the City Hall HVAC system. The scope of work for the project may involve installing a separate and back-up HVAC system for the server room, replacing deteriorated ductwork and HVAC components, and upgrading the existing building management software (BMS).

**Justification:** The current system has been in place for over 20 years and has exceeded its useful life. Due to the age of the system, service and components are difficult to obtain. System outages are a regular occurrence and there are wide temperature fluctuations within different areas at City Hall. Furthermore, the system lacks an adequate back-up system for the server room, a room that requires specific temperature settings.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	CIP Fund	\$ 1,300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,300,000
	<b>TOTAL</b>	<b>\$ 1,300,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,300,000</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 #:**  
**Original Funding Year:**  
**General Plan Element Goals:** LU-3, LU-3.1, CS-1

**Project Title:** Roof Replacements at Maine, Live Oak and Rec Hall

**Description:** Replace the roofs at Marine, Live Oak and Rec Hall.

**Justification:** The roofs at Marine, Live Oak and Rec Hall are in poor condition and must be replaced.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	CIP Fund	\$ 354,020	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 354,020
	<b>TOTAL</b>	<b>\$ 354,020</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 354,020</b>

**Location Map:**

No map

# City of Manhattan Beach Capital Improvement Plan FY2021-2025 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

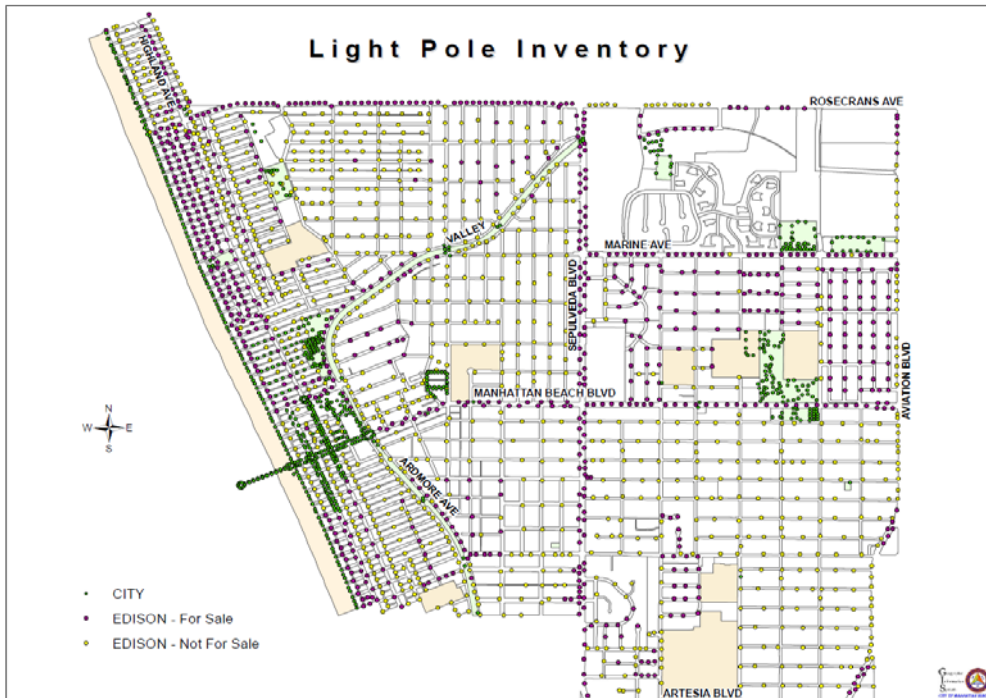
**Project Title:** Streetlight LED Retrofit

**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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	CIP Fund	\$ 332,023	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 332,023
	<b>TOTAL</b>	<b>\$ 332,023</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 332,023</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 #:** 17203E  
**Original Funding Year:** 2016-17  
**General Plan Element Goals:** LU 1:11

**Project Title:** Fiber Master Plan

**Description:** Develop a City Wide Fiber Master Plan. To accomplish this goal the City will contract with consulting firms to assist with the development of a Fiber Network Design and Business Plan. Their core mission will be to assist the City with analyzing the feasibility and determining economic projections for deploying a fiber network. The consultant also explore the benefits/risks and feasibility of deploying a fiber network that can be used to provide high speed Internet access to Manhattan Beach businesses and residents. Project deliverables typically include: High Level Network Infrastructure Design; Potential Business Model and Strategy; Preliminary Financial Model to Assist with Identifying Opportunities and Risks; & Finalized Project Report Summarizing Findings and Recommendations.

**Justification:** To achieve the General Plan's vision, the City of Manhattan Beach needs infrastructure to attract investment and support business growth. Today, access to broadband internet service is as vital as streets, water, and sewer infrastructure. Broadband connectivity enhances a community's economic development potential by attracting new advanced businesses and providing existing businesses the tools they need to expand. The Fiber Optic Master Plan will be used by the City for the planning, budgeting and implementation of a landmark fiber optic network infrastructure project. The primary objective of the Fiber Master Plan is to collect and analyze information and data that will provide the best path and business model to deploy a fiber optic network that meets the needs of the community. The Fiber Master Plan will assist in identifying businesses located in Manhattan Beach's several business corridors and residential areas.

Specifically, the outcomes of this contract will:

1. Provide the City with information and data to set its goals and objects to facilitate the design and deployment of a Fiber Optic Network in Manhattan Beach;
2. Research and evaluate the current supply of broadband communication assets, products and services in the City;
3. Produce an inventory and assessment of existing City-owned assets and infrastructure required to support deployment of a fiber network;
4. Define and evaluate potential fiber optic network routes and requirements;
5. Identify impacts of a fiber network including impacts on City right-of-way, City-owned conduit, streetlight pools, traffic lights, existing fiber system and other real property

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	CIP Fund	\$ 67,133	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 67,133
	<b>TOTAL</b>	<b>\$ 67,133</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 67,133</b>

**Location Map:**

No map; citywide

**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 Equipment and Surfacing at Mariposa Fitness Station

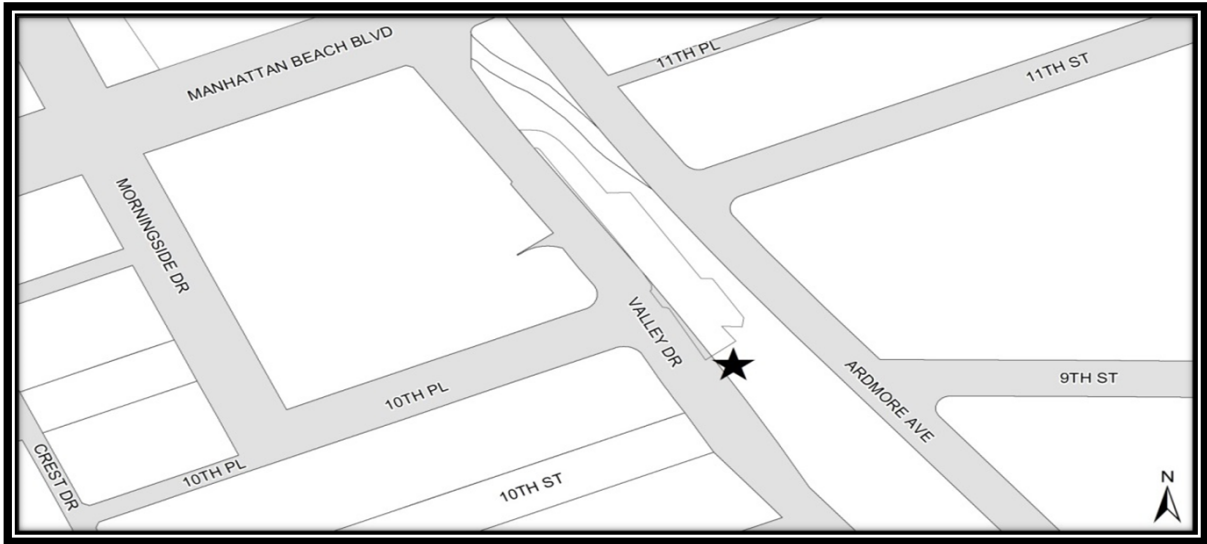
**Description:** Remove existing worn down and damaged fitness equipment and surfacing installation of new poured in place surfacing material and installation of all new fitness cluster equipment.

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

The new surfacing is safest and most economical on the market right now. The maintenance is low and this type of surfacing is easier to repair. The current fitness station is made of wood and is worn down and requires constant maintenance. It is proposed to keep the same aspect of the body weight stationed fitness cluster style but to use powder coated steel frame and plastic benches to reduce maintenance.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	CIP Fund	\$ 138,420	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 138,420
	<b>TOTAL</b>	<b>\$ 138,420</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 138,420</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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

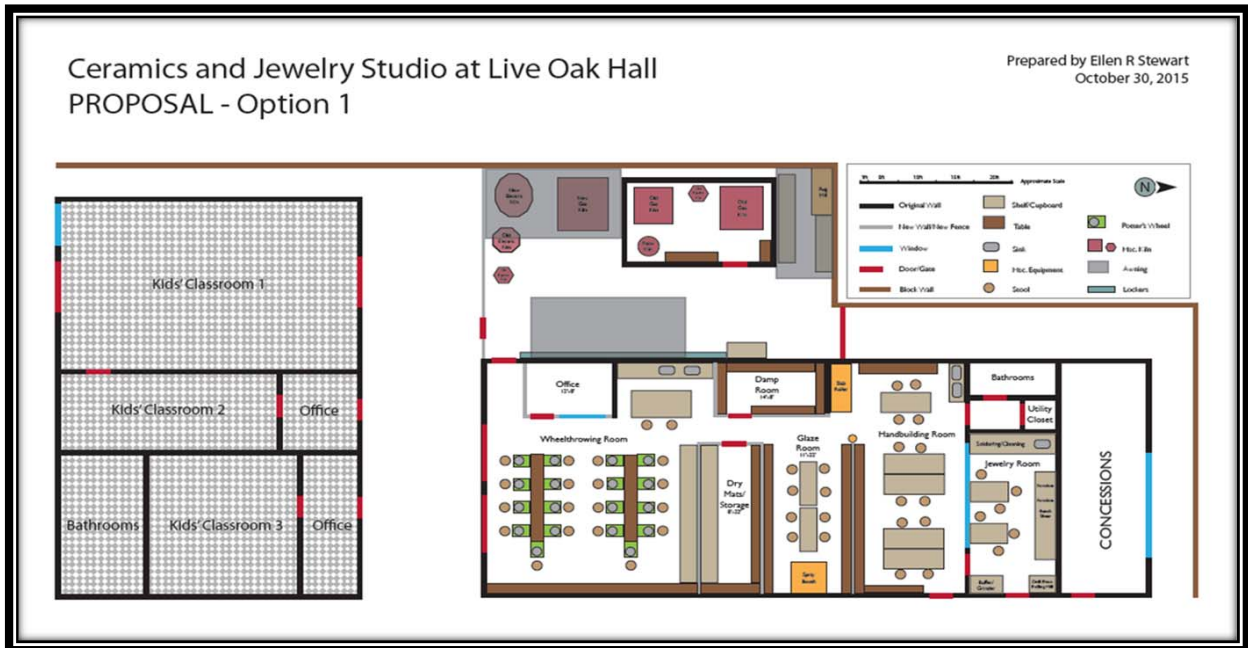
**Project Title:** Ceramics Studio Upgrades

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

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

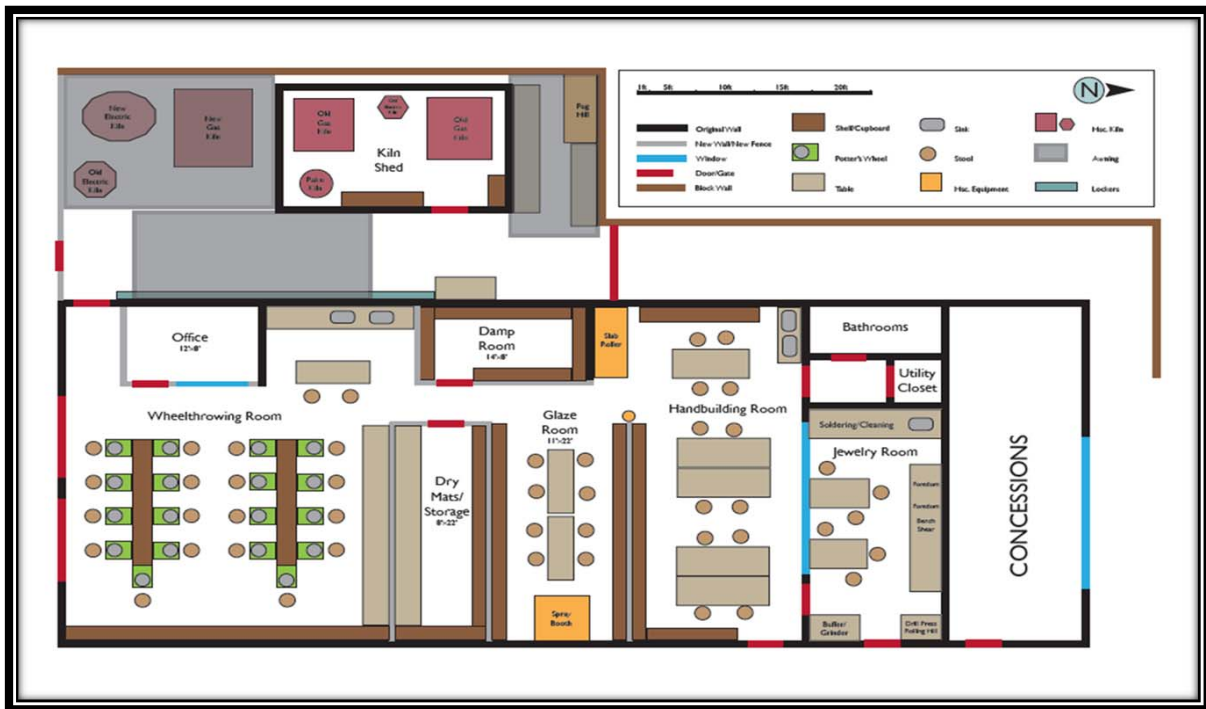
Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	CIP Fund	\$ 259,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 259,500
	<b>TOTAL</b>	<b>\$ 259,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 259,500</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
Summary Sheets**

**Project Title: Ceramics Studio Upgrades**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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

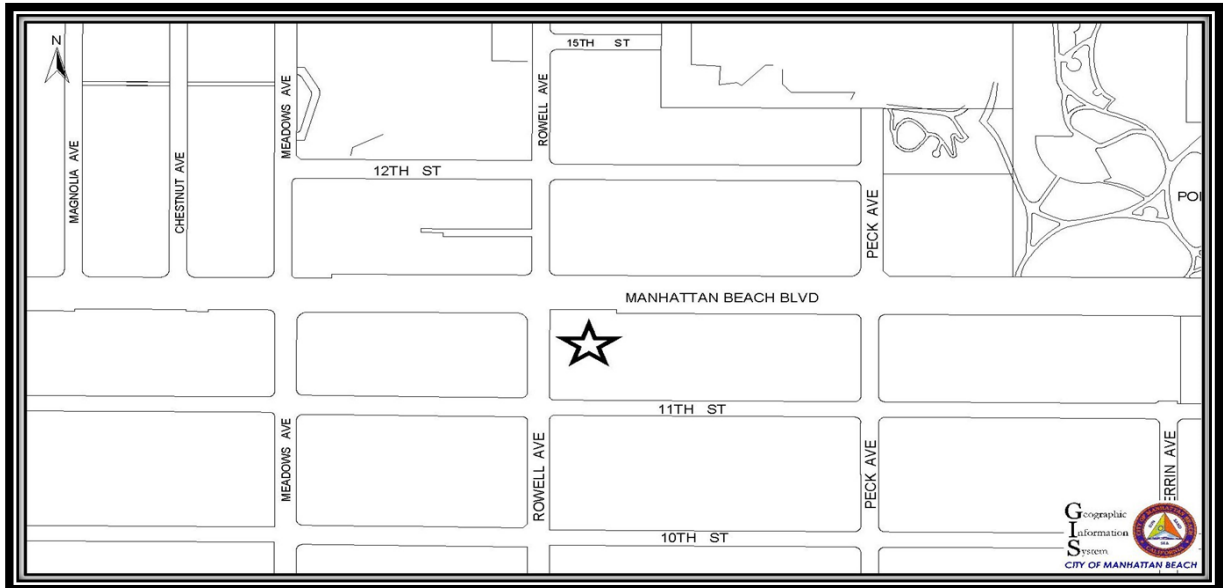
**Project Title:** Fire Station 2 Design Development

**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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	CIP Fund	\$ 442,762	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 442,762
	<b>TOTAL</b>	<b>\$ 442,762</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 442,762</b>

**Location Map:**





**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 #:** 20205E  
**Original Funding Year:** 2019-20  
**General Plan Element Goals:** LU-3, LU-3.1, CR-1

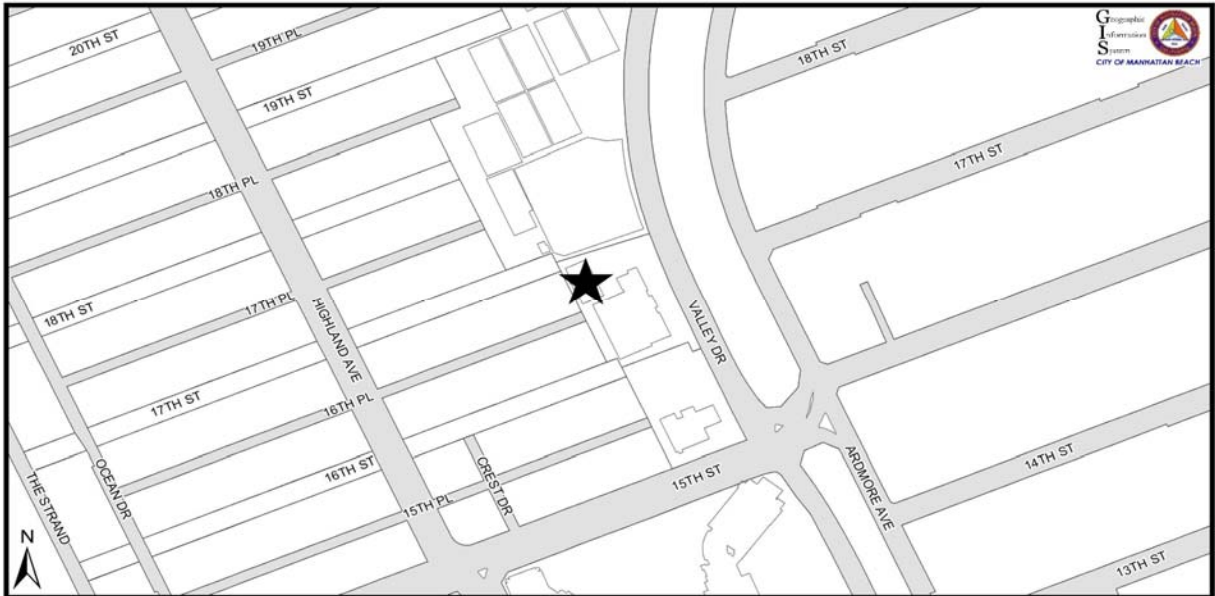
**Project Title:** Senior and Scout House

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

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

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	CIP Fund	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
	<b>TOTAL</b>	<b>\$ 1,000,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,000,000</b>

**Location Map:**



# City of Manhattan Beach Capital Improvement Plan FY2021-2025 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

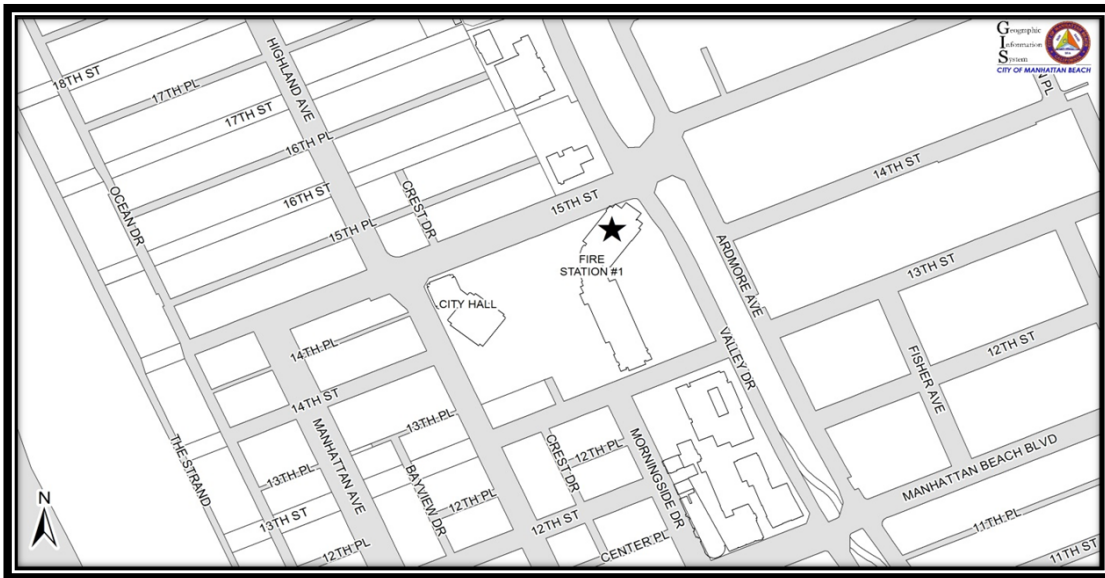
**Project Title:** Replacement and Upgrade of Fire Station 1 Diesel Exhaust Removal System

**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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	CIP Fund	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000
	<b>TOTAL</b>	<b>\$ 30,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 30,000</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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

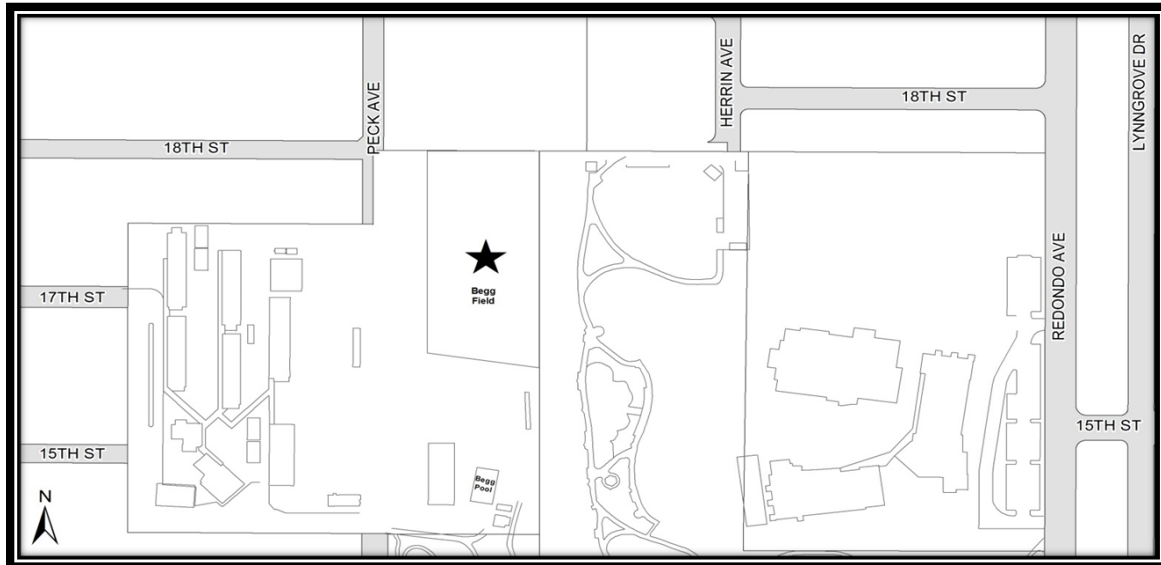
**Project Title:** Begg Field Improvements (Lighting, Fencing, etc.)

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

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

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	CIP Fund	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000
	<b>TOTAL</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 500,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 500,000</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 #:** 20204E  
**Original Funding Year:** 2019-20  
**General Plan Element Goals:** CR-3

**Project Title:** School District Project - TBD

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

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

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	CIP Fund	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000
	<b>TOTAL</b>	<b>\$ 250,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 250,000</b>

**Location Map:**

No map; location to be determined

**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 #:** Not yet assigned  
**Original Funding Year:** 2019-20  
**General Plan Element Goals:** CR-1, CR-2

**Project Title:** Historic Documents Repository

**Description:** Design a historic documents repository.

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

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	CIP Fund	\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ 250,000
	<b>TOTAL</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 250,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 250,000</b>

**Location**

**Map:**

No map; location to be determined

**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 #:** 15845E  
**Original Funding Year:** 2014-15  
**General Plan Element Goals:** LU-3, I-12, CS-1

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

**Description:** Improvements to be made to 18 city-owned refuse enclosures by connecting all enclosures to the sanitary sewer, rebuilding enclosures to a size appropriate for trash, recycling, and green waste cans or bins, painting and installing new hardware.

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

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	CIP Fund	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 400,000
	<b>TOTAL</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 400,000</b>

**Location Map:**



# City of Manhattan Beach Capital Improvement Plan FY2021-2025 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

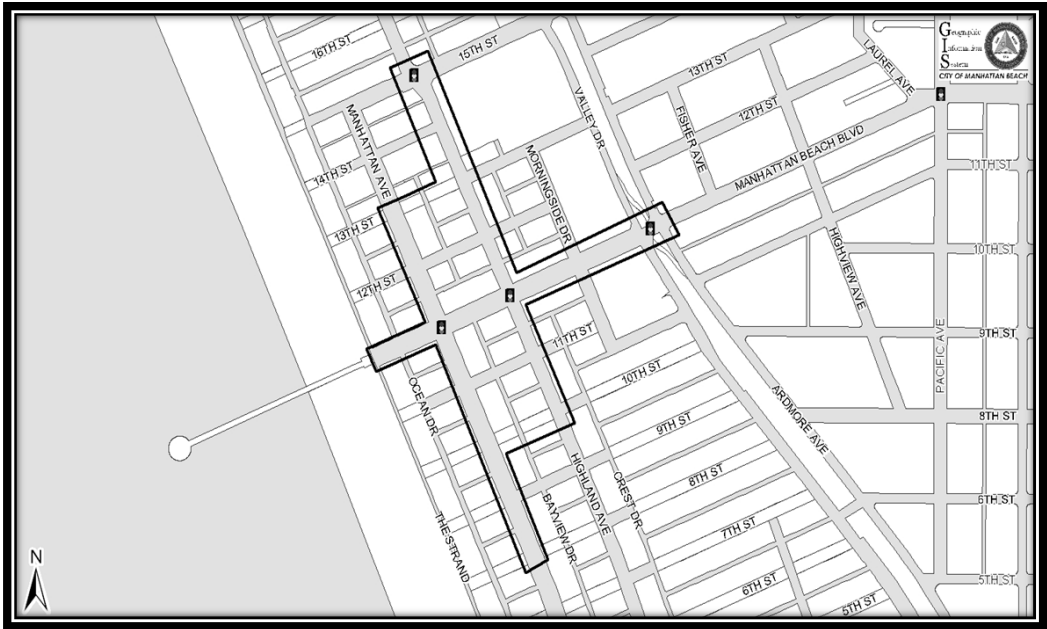
**Project Title:** Downtown Streetscape Improvements: Traffic Signal Pole Replacement

**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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	CIP Fund	\$ 842,650	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 842,650
	<b>TOTAL</b>	<b>\$ 842,650</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 842,650</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	CIP Fund	\$ 110,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 110,000
	<b>TOTAL</b>	<b>\$ 110,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 110,000</b>

**Location Map:**

No map; locations to be determined



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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

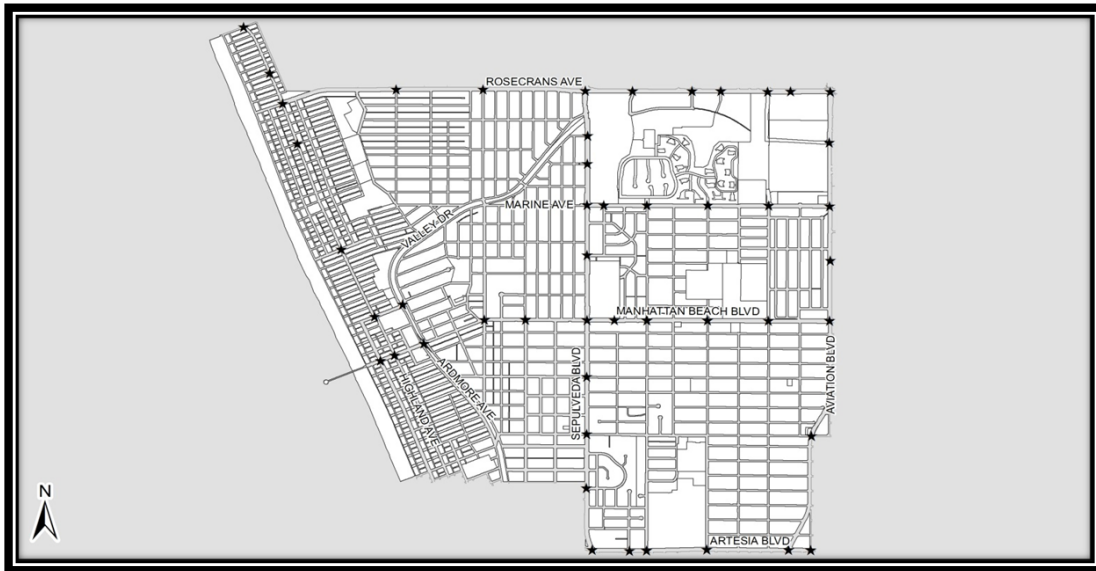
**Project Title:** Traffic Signal Preemption Devices

**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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	CIP Fund	\$ 158,282			\$ -	\$ -	\$ -	\$ 158,282
	<b>TOTAL</b>	<b>\$ 158,282</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 158,282</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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:** Annual Non-Motorized Transportation Program (Bike Lanes, Crosswalks, Etc.)

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

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

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	CIP Fund	\$ 107,715	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 157,715
	<b>TOTAL</b>	<b>\$ 107,715</b>	<b>\$ 50,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 157,715</b>

**Location Map:**

Various locations; citywide

**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 #:** 20206E  
**Original Funding Year:** 2019-20  
**General Plan Element Goals:** I-1, I-2, CS-3, CS-4

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

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

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

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

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	CIP Fund	\$ 149,898	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 149,898
	<b>TOTAL</b>	<b>\$ 149,898</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 149,898</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 #:** 20201E  
**Original Funding Year:** 2019-20  
**General Plan Element Goals:** CR-1

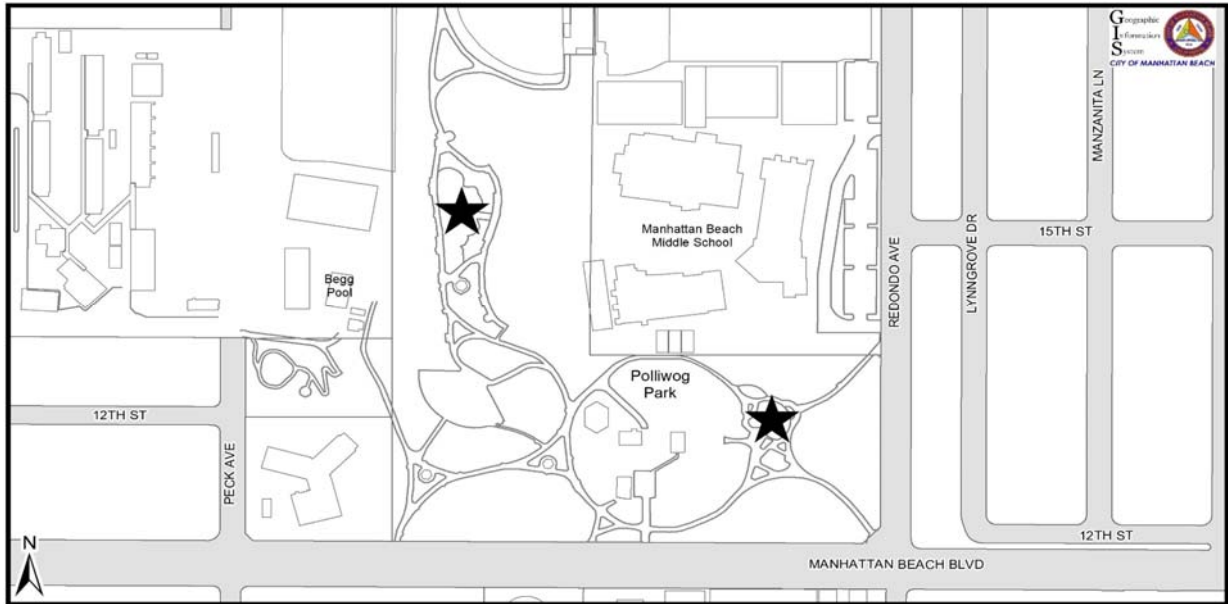
**Project Title:** Polliwog Playground Resurfacing & Equipment Replacement (Prop A/CIP)

**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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Prop A/CIP	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
	<b>TOTAL</b>	<b>\$ 1,000,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,000,000</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 #:** 20202E  
**Original Funding Year:** 2019-20  
**General Plan Element Goals:** CR-2

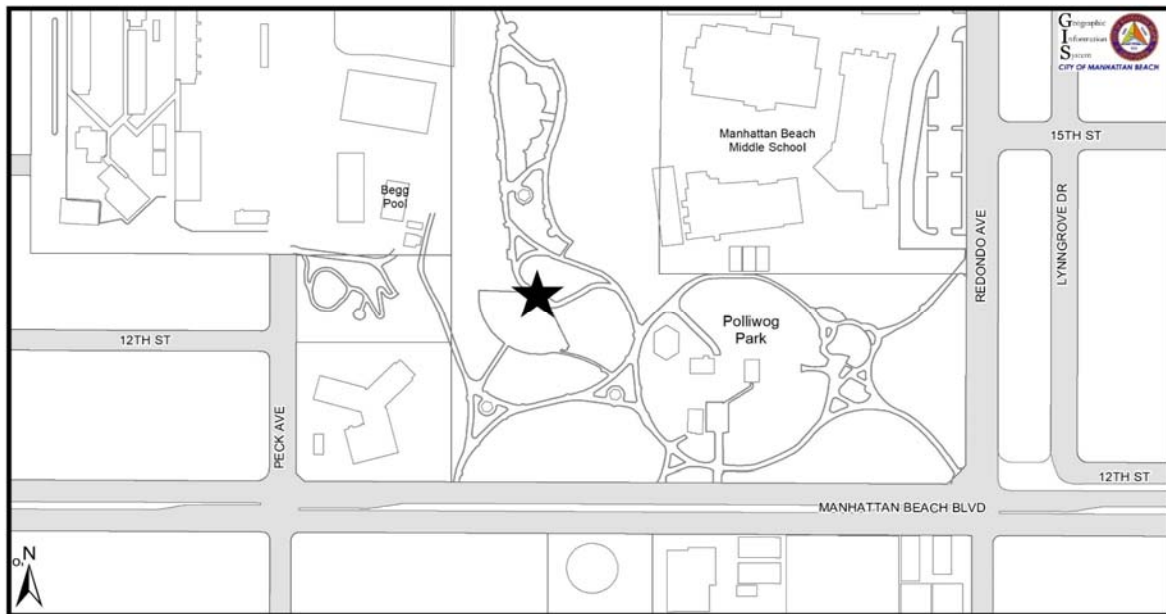
**Project Title:** Polliwog Band Stage (Public Art Trust Fund)

**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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Public Art Trust Fund	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
	<b>TOTAL</b>	<b>\$ 100,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 100,000</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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

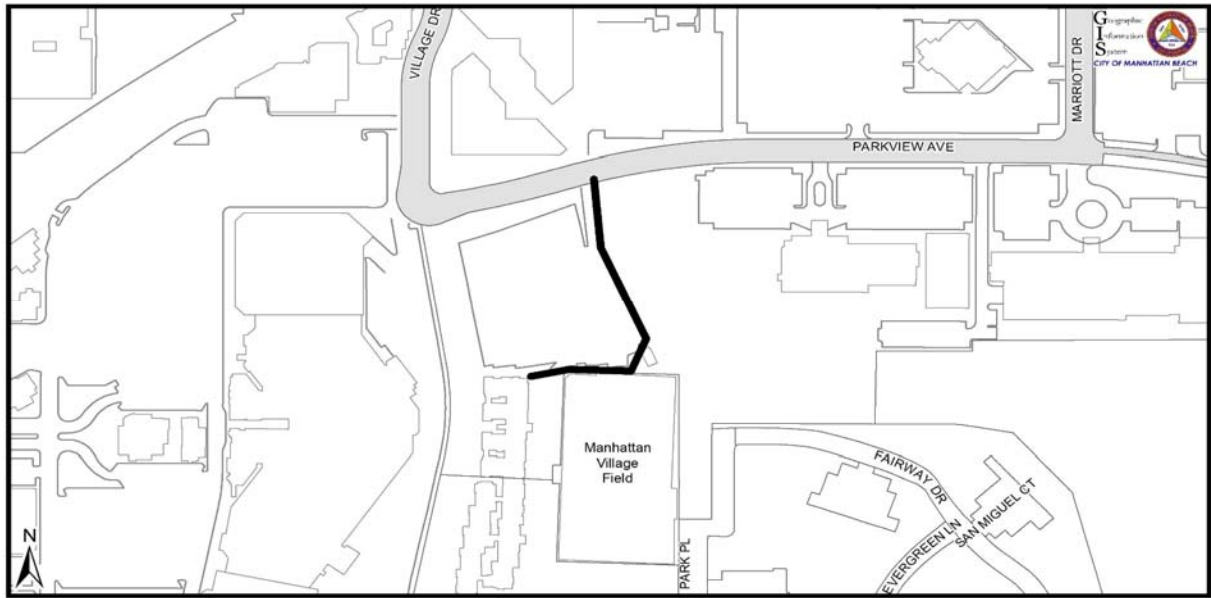
**Project Title:** Village Field Access Ramp: Construction (CDBG Funds)

**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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	CDBG Funds	\$ 300,000			\$ -	\$ -	\$ -	\$ 300,000
	<b>TOTAL</b>	<b>\$ 300,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 300,000</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 new as of the 2019-2020 CIP.

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

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL		
	CDBG		\$	100,000	\$	100,000	\$	100,000	\$	400,000
	<b>TOTAL</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 400,000</b>		

**Location Map:**

No map; Citywide

# City of Manhattan Beach Capital Improvement Plan FY2021-2025 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 (Manhattan Village Mall)

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

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

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
MV Mall		\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
<b>TOTAL</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ 50,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 50,000</b>

**Location Map:**





**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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

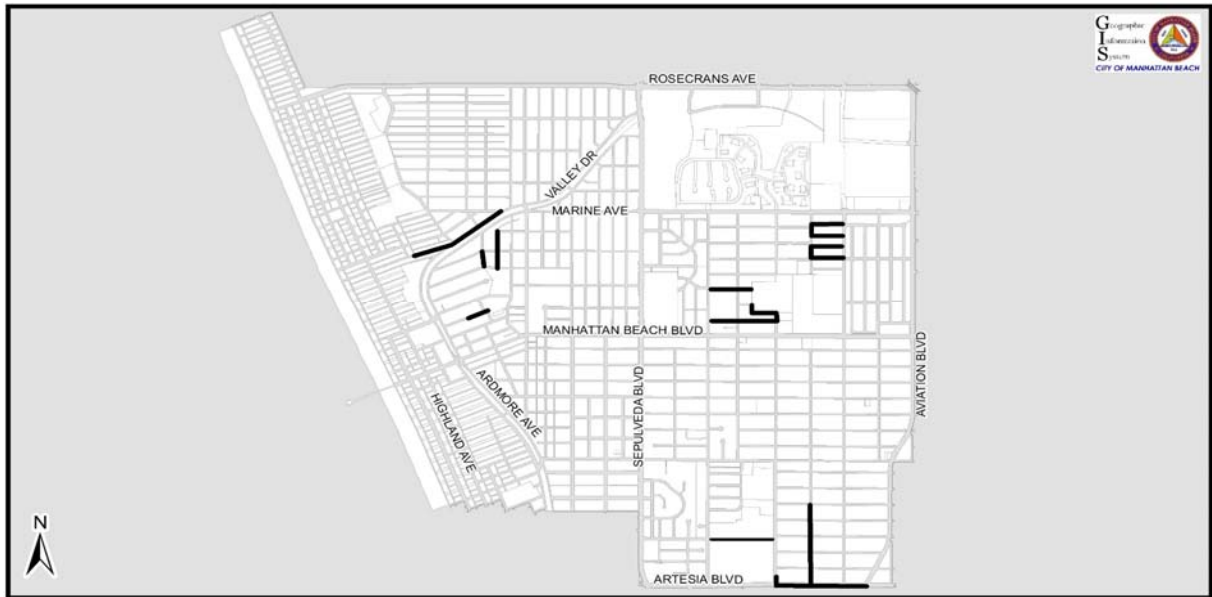
**Project Title:** Annual Pipe Replacement Program

**Description:** Improvement of the Pacific Avenue Sewage Lift Station and installation of a second force main. The Water Masterplan lays out the areas for replacement/installation.

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

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Water Fund	\$ 379,080	\$ -	\$ 2,500,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 11,879,080
	<b>TOTAL</b>	<b>\$ 379,080</b>	<b>\$ -</b>	<b>\$ 2,500,000</b>	<b>\$ 3,000,000</b>	<b>\$ 3,000,000</b>	<b>\$ 3,000,000</b>	<b>\$ 11,879,080</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Water Fund	\$ 5,321,040		\$ -				\$ 5,321,040
	<b>TOTAL</b>	<b>\$ 5,321,040</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 5,321,040</b>

**Location Map:**

No map; Citywide

**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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

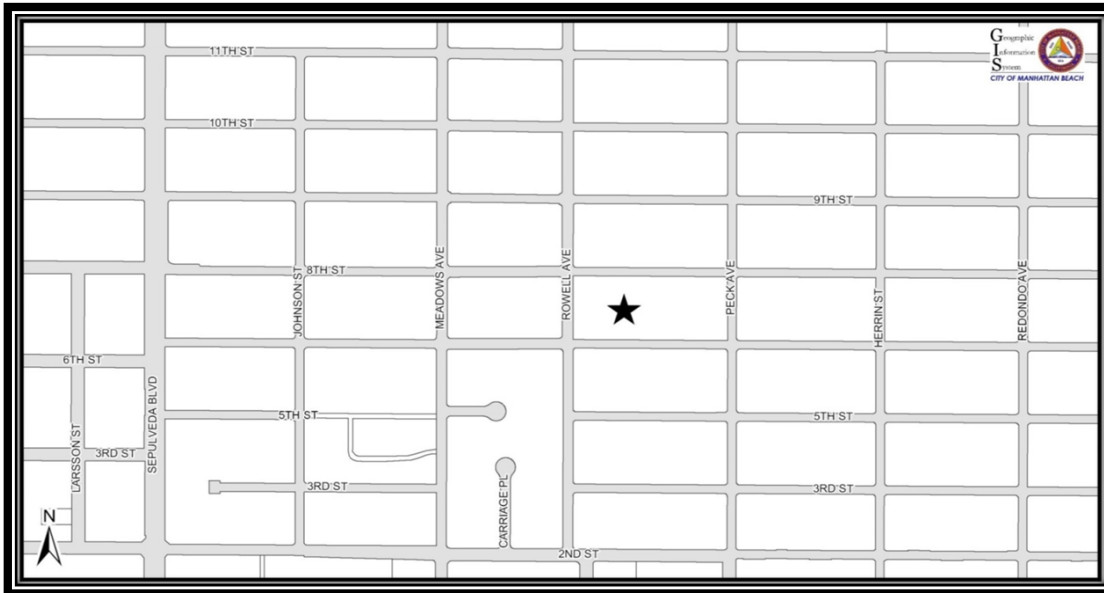
**Project Title:** Block 35 Ground Level Reservoir Replacement (Design Only)

**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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Water Fund	\$ -	\$ -		\$ 1,200,000			\$ 1,200,000
	<b>TOTAL</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,200,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,200,000</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Water Fund	\$ -	\$ -	\$ -	\$ 300,000			\$ 300,000
	<b>TOTAL</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 300,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 300,000</b>

**Location Map:**



# City of Manhattan Beach Capital Improvement Plan FY2021-2025 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 and 2nd Street Booster Station Improvement

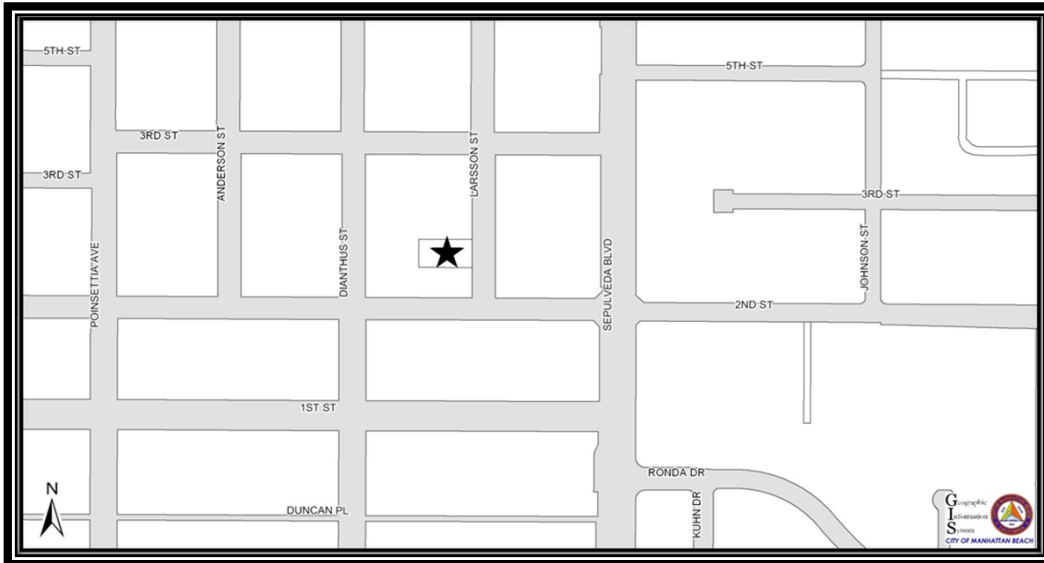
**Description:** Installation of new motors, pumps, variable speed drives, motor controls, control valves, relief valve, piping, wiring and new back-up generator.

**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.

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

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Water Fund	\$ 648,941	\$ -	\$ 1,000,000				\$ 1,648,941
	<b>TOTAL</b>	<b>\$ 648,941</b>	<b>\$ -</b>	<b>\$ 1,000,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,648,941</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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

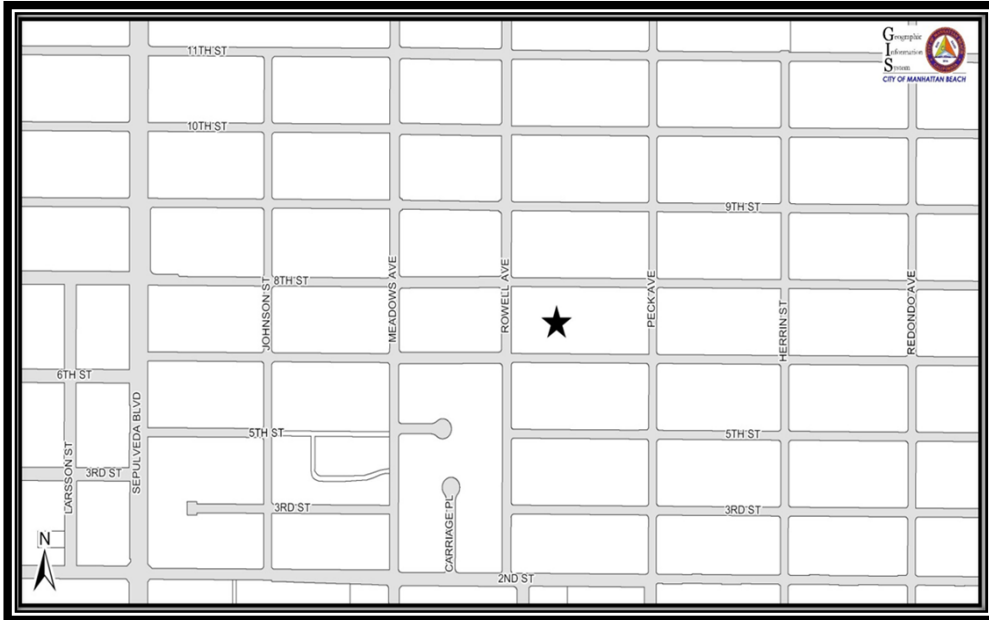
**Project Title:** Paint Block 35 Elevated Tank

**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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Water Fund	\$ 841,428	\$ 800,000	\$ -				\$ 1,641,428
	<b>TOTAL</b>	<b>\$ 841,428</b>	<b>\$ 800,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,641,428</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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

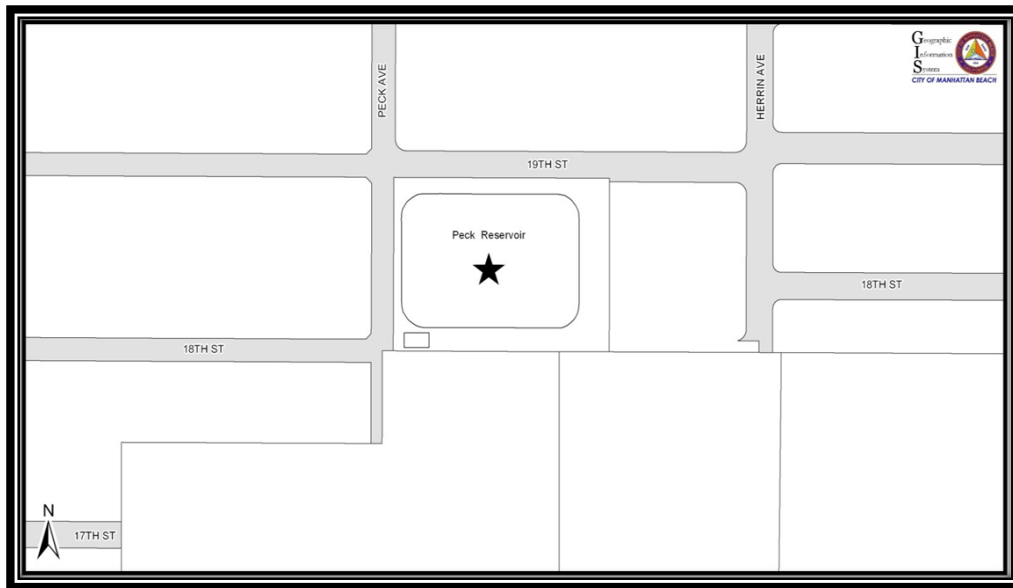
**Project Title:** Peck Ground Level Reservoir Replacement

**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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Water Fund	\$ 22,751,179	\$ 14,000,000					\$ 36,751,179
	<b>TOTAL</b>	<b>\$ 22,751,179</b>	<b>\$ 14,000,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 36,751,179</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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

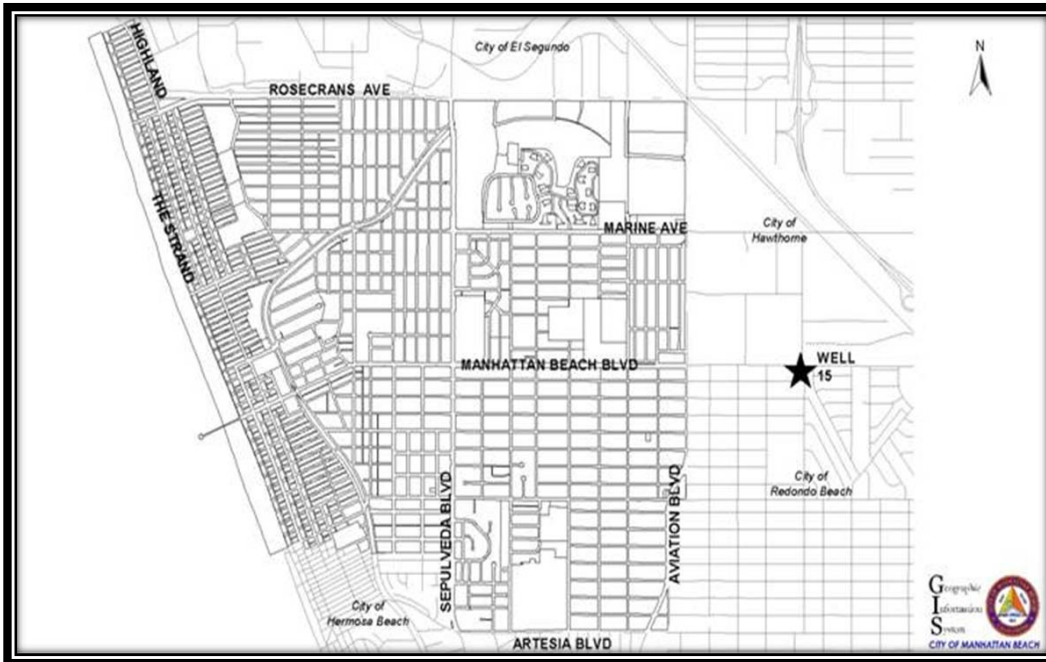
**Project Title:** Redrill & Equip Well 15

**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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Water Fund	\$ -	\$ -			\$ 650,000		\$ 650,000
	<b>TOTAL</b>	\$ -	\$ -	\$ -	\$ -	\$ 650,000	\$ -	\$ 650,000

**Location Map:**





**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 (w/ wastewater)  
**Carryover Project #:** 11834E (Water) and 11838E (WW)  
**Original Funding Year:** 2010-11  
**General Plan Element Goals:** I-7, I-11

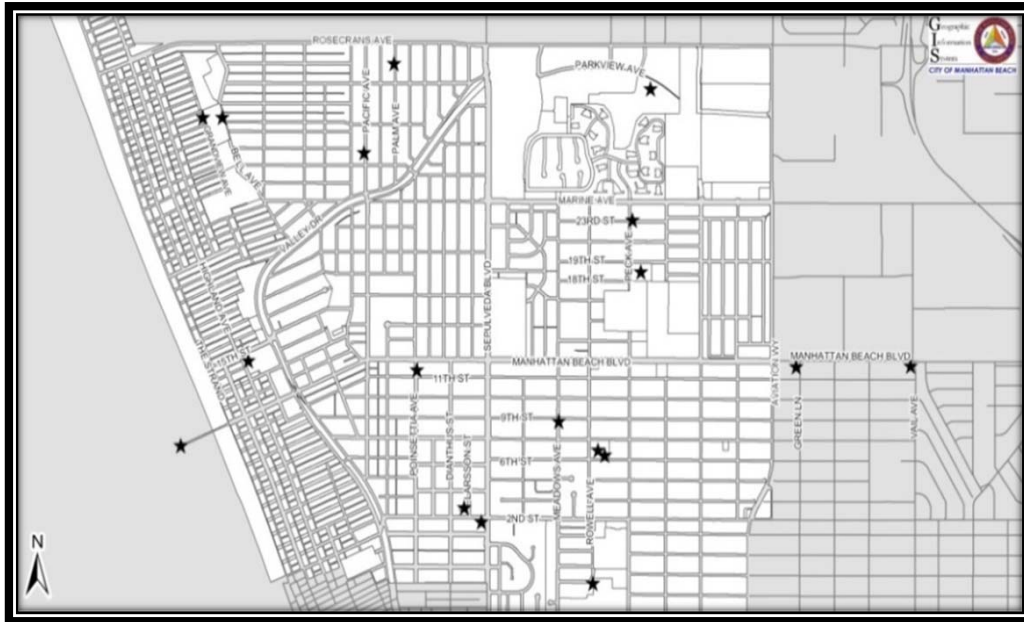
**Project Title:** Utility Telemetry

**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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Water Fund	\$ -	\$ -	\$ -	\$ 215,395	\$ -	\$ -	\$ 215,395
	<b>TOTAL</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 215,395</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 215,395</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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

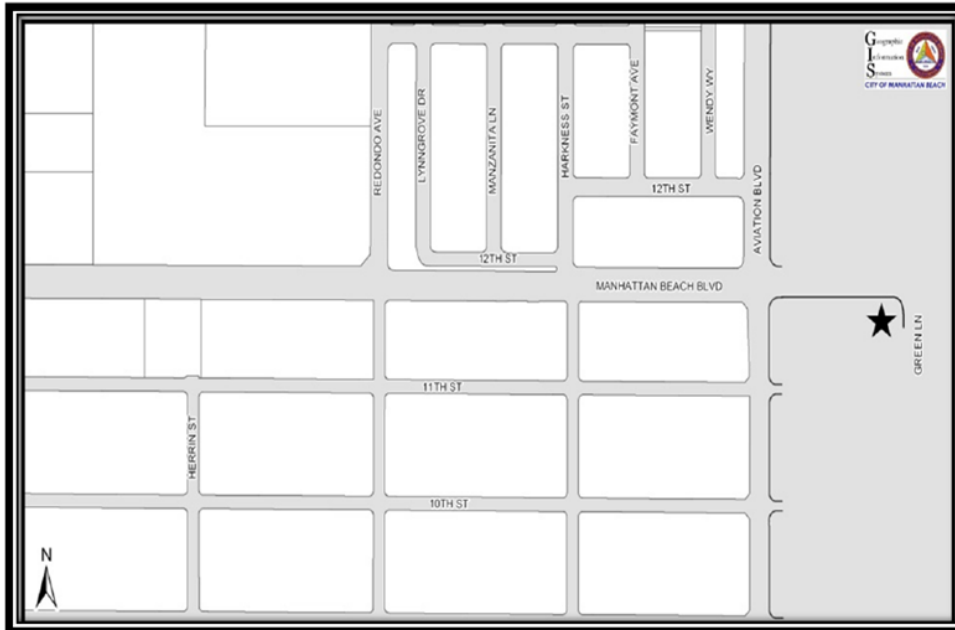
**Project Title:** Well 11A Variable Frequency Drive Installation

**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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Water Fund	\$ -				\$ 125,000		\$ 125,000
	<b>TOTAL</b>	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ -	\$ 125,000

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Water Fund	\$ -				\$ 300,000		\$ 300,000
	<b>TOTAL</b>	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ 300,000

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Water Fund	\$ -	\$ 300,000	\$ -			\$ -	\$ 300,000
	<b>TOTAL</b>	<b>\$ -</b>	<b>\$ 300,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 300,000</b>

**Location Map:**

No map; plan update

**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 #:** 20301E  
**Original Funding Year:** 2019-20  
**General Plan Element Goals:** I-7, I-11

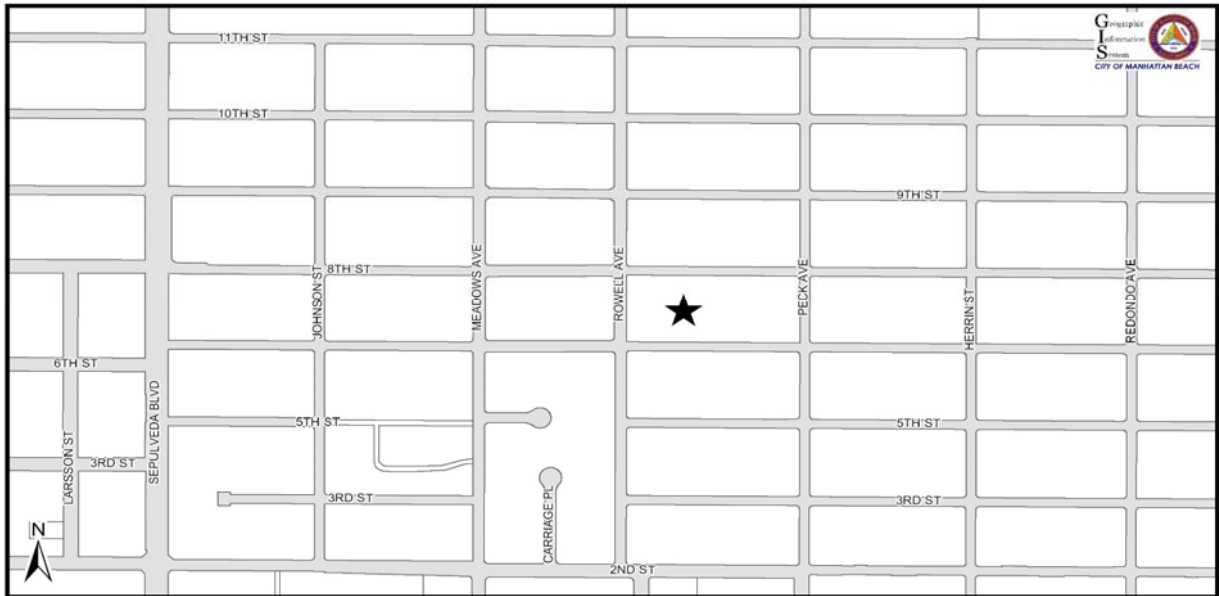
**Project Title:** Electronics Automation (SCADA)

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

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

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Water Fund	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000
	<b>TOTAL</b>	<b>\$ 200,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 200,000</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Water Fund	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ 500,000
	<b>TOTAL</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 250,000</b>	<b>\$ 250,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 500,000</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 Capital BMPs (Best Management Practices)

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

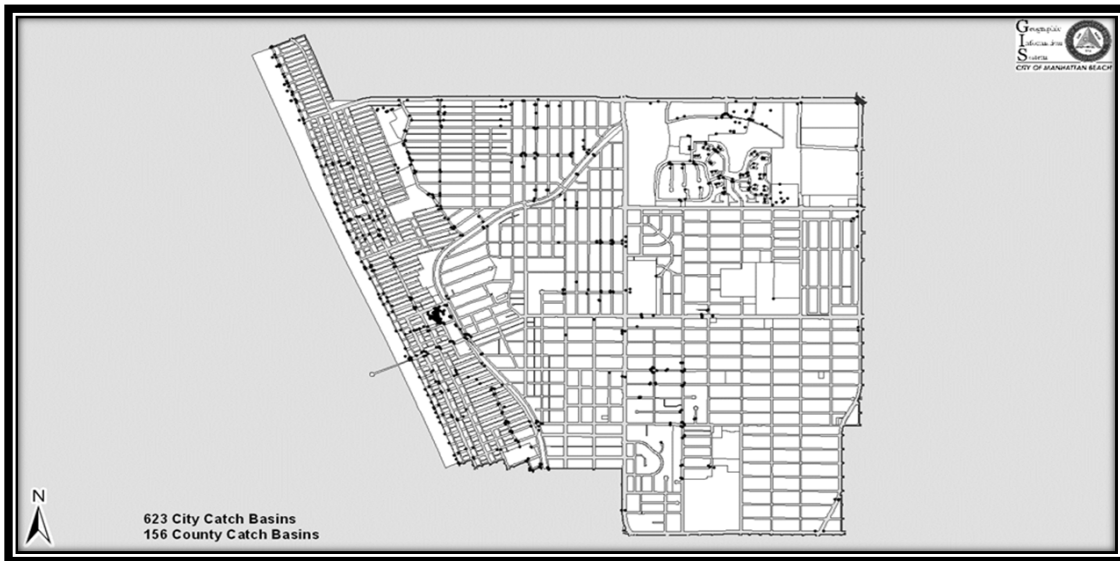
**Justification:** The National Pollutant Discharge Elimination System (NPDES) permit was reissued in winter 2012. This permit includes Total Maximum Daily Load (TMDL) requirements related to trash. The permit requires the installation of trash removal devices on all catch basins in the City. The Trash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

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

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

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Stormwater Fund	\$ -	\$ 710,000	\$ 210,000	\$ 210,000	\$ 210,000	\$ 210,000	\$ 1,550,000
	<b>TOTAL</b>	<b>\$ -</b>	<b>\$ 710,000</b>	<b>\$ 210,000</b>	<b>\$ 210,000</b>	<b>\$ 210,000</b>	<b>\$ 210,000</b>	<b>\$ 1,550,000</b>

**Location Map:**



# City of Manhattan Beach Capital Improvement Plan FY2021-2025 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 #:** Not yet assigned  
**Original Funding Year:**  
**General Plan Element Goals:** I-9

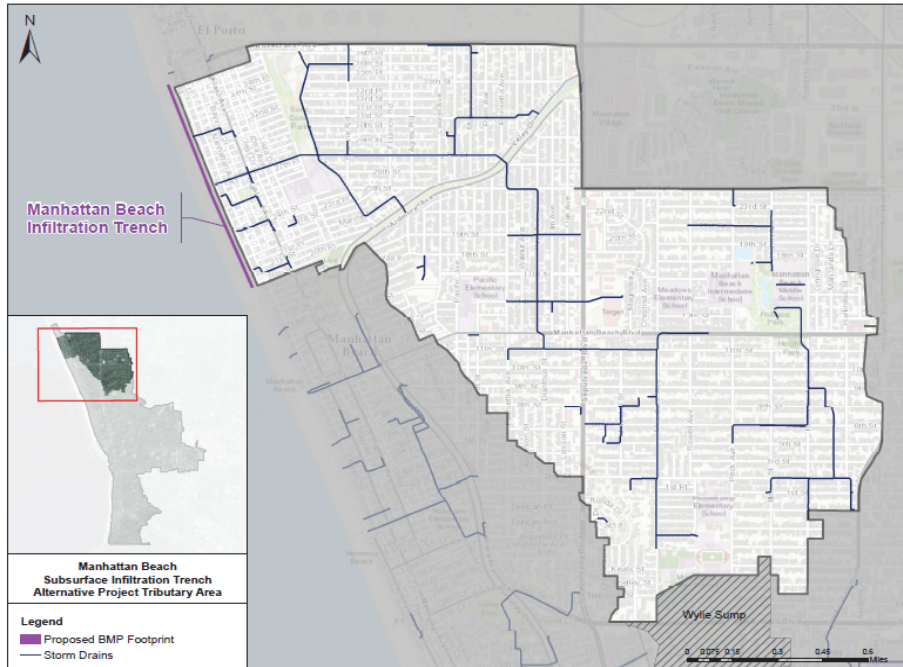
**Project Title:** Strand Infiltration Feasibility Study

**Description:** Install infiltration trenches and equip with both storage and drainage components. The BMP will consist of pretreatment leading to an infiltration trench. Dry and wet weather flows from the 28th St. (and the Strand) storm drain will enter the forebay and trash nets for pretreatment and then flow into a series of 16 parallel perforated pipes extending laterally from both sides of the forebay. The perforated pipes will be laid amongst a bed and fill of gravel to enhance storage prior to infiltration into native soils. When persistent flows fill the system to storage capacity, additional runoff will overflow from the forebay via an overflow chute and re-enter the existing drainage system. The project is expected to incorporate Bruce's Beach and Polliwog at some juncture.

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

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Stormwater Fund	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000
	<b>TOTAL</b>	<b>\$ 200,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 200,000</b>

**Location Map:**





**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Stormwater Fund	\$ 924,798	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 3,424,798
	<b>TOTAL</b>	<b>\$ 924,798</b>	<b>\$ 500,000</b>	<b>\$ 500,000</b>	<b>\$ 500,000</b>	<b>\$ 500,000</b>	<b>\$ 500,000</b>	<b>\$ 3,424,798</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 #:** 20401E

**Original Funding Year:** 2019-20

**General Plan Element Goals:** I-9

**Project Title:** CCTV Storm Drain System

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

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

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Stormwater Fund	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000
	<b>TOTAL</b>	<b>\$ 150,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 150,000</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Stormwater Fund	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000
	<b>TOTAL</b>	<b>\$ 250,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 250,000</b>

**Location Map:**

No map; plan update

**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 Infiltration Project

**Description:** Construct a regional stormwater capture and infiltration system.

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

The system will be installed in a location to be determined; 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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Stormwater Fund	\$ -	\$ 500,000	\$ -		\$ -	\$ -	\$ 500,000
	<b>TOTAL</b>	<b>\$ -</b>	<b>\$ 500,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 500,000</b>

**Location**

**Map:**

No map; along Hermosa Beach's Greenbelt only

**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Wastewater Fund	\$ 2,560,652	\$ 1,100,000	\$ 1,100,000	\$ 1,100,000	\$ 1,500,000	\$ 1,500,000	\$ 8,860,652
	<b>TOTAL</b>	<b>\$ 2,560,652</b>	<b>\$ 1,100,000</b>	<b>\$ 1,100,000</b>	<b>\$ 1,100,000</b>	<b>\$ 1,500,000</b>	<b>\$ 1,500,000</b>	<b>\$ 8,860,652</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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.

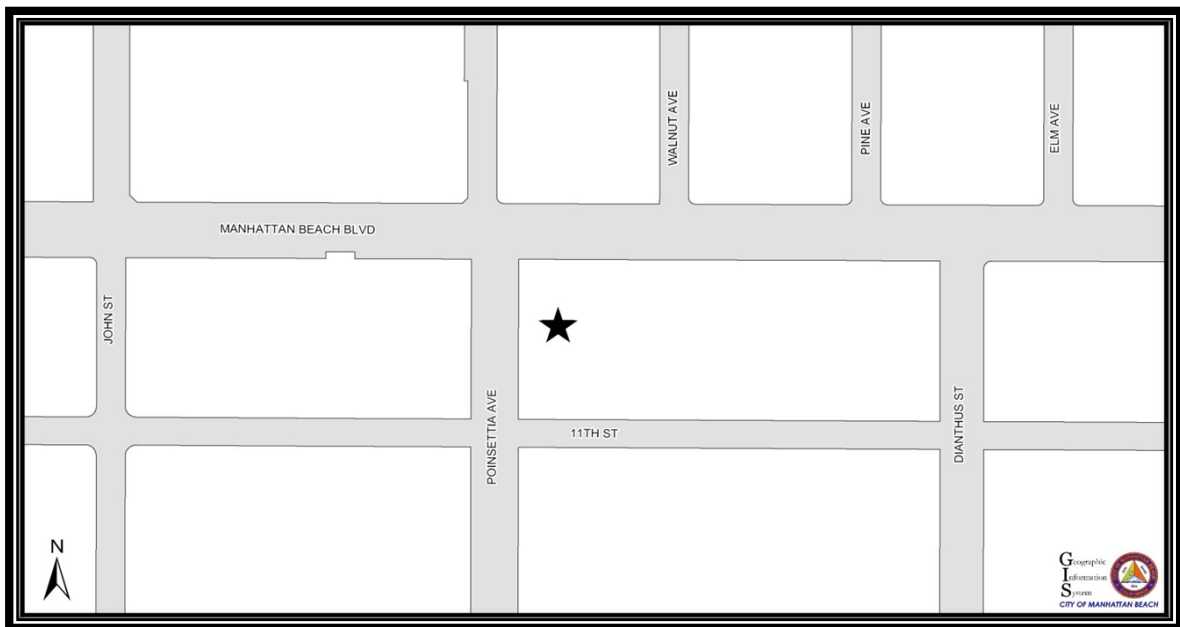
**Justification:** The Poinsettia Sewage Lift Station has the smallest wet well capacity of any of the City's lift stations. It has only 394 gallons and 4.7 minutes of emergency storage at the peak wet weather flow rate of 85 gpm. Emergency storage for a regular dry day during the morning peak is only 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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Wastewater Fund	\$ 3,297,480	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,297,480
	<b>TOTAL</b>	<b>\$ 3,297,480</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,297,480</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 #:** 19501E  
**Original Funding Year:** 2018-19  
**General Plan Element Goals:** I-8

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

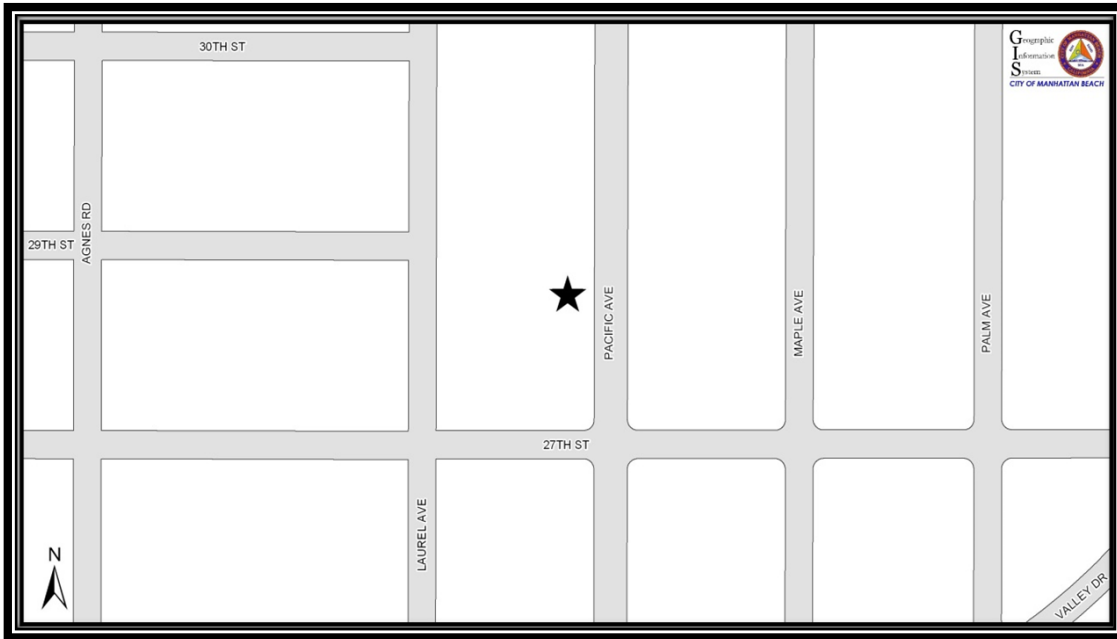
**Description:** Improvement of the Pacific Avenue Sewage Lift Station and installation of a second force main.

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

The Pacific Avenue Lift Station currently pumps sewage through a 57-year-old 6" cast iron force main a distance of 1,225 feet to the intersection of Poinsettia Avenue and Ardmore Avenue. This project would construct an additional 6" force main to provide two force mains to serve this station and provide a safety redundancy. Also, appropriate emergency storage will be constructed at the site.

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Wastewater Fund	\$ 2,400,000						\$ 2,400,000
<b>TOTAL</b>		<b>\$ 2,400,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,400,000</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 (w/ water)  
**Carryover Project #:** 11838E (WW) and 11834E (Water)  
**Original Funding Year:** 2010-11  
**General Plan Element Goals:**

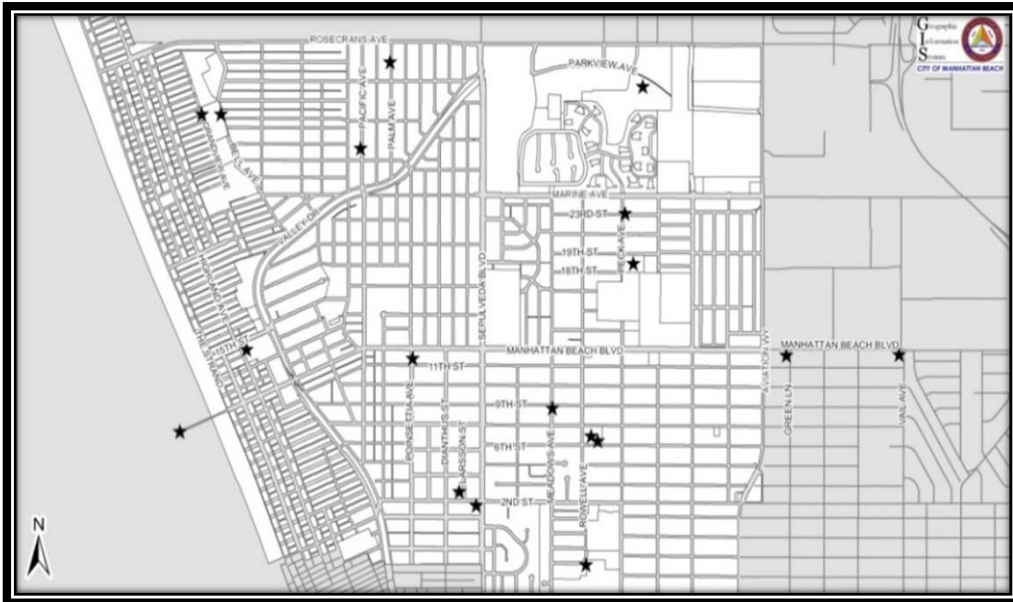
**Project Title:** Utility Telemetry

**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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Wastewater Fund	\$ -	\$ -	\$ -	\$ 75,609	\$ -	\$ -	\$ 75,609
	<b>TOTAL</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 75,609</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 75,609</b>

**Location Map:**





**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 #:** 20501E

**Original Funding Year:** 2019-20

**General Plan Element Goals:** I-8

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

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

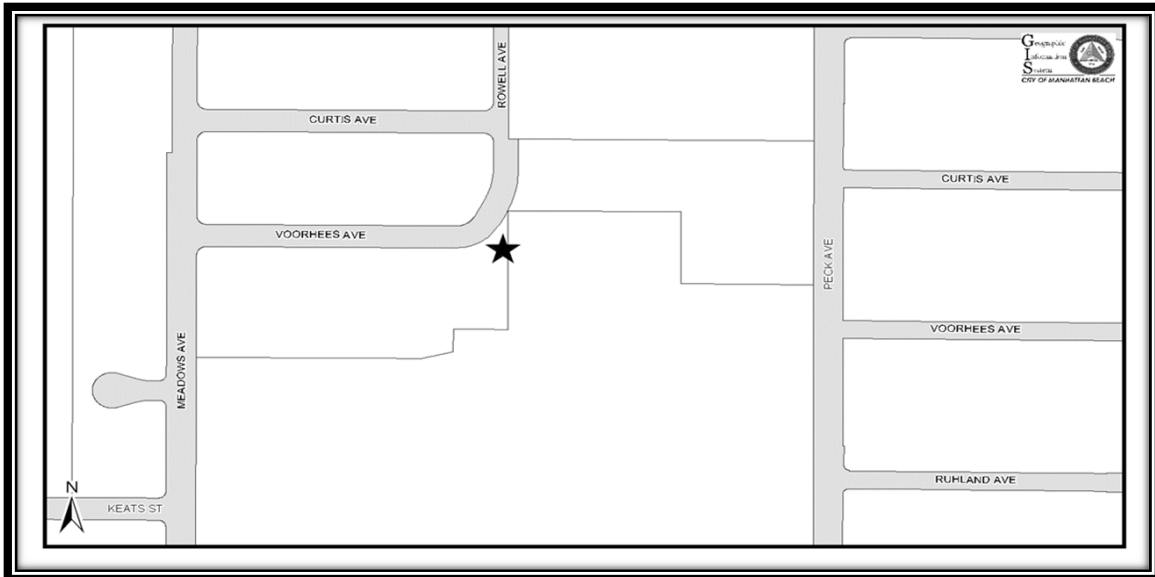
**Justification:** The Voorhees Lift Station currently cannot pump at the needed rate if one of the two pumps fail or is taken out of service for maintenance. Additionally there is insufficient storage at the station. This project will modify the pumps and controls to accommodate two pumps capable of pumping 350 gallons per minute and will provide additional emergency storage.

The Voorhees Lift Station pumps sewage through a 59-year-old 6" cast iron force main a distance of 1,300 feet to the intersection of Peck and Gates Avenues. This project would construct an additional 6" force main to provide two force mains to serve this station and provide a safety redundancy. Also, appropriate storage will be constructed at this site.

**Project Cost Information:**

Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
Wastewater Fund	\$ 2,150,000	\$ -	\$ -				\$ 2,150,000
<b>TOTAL</b>	<b>\$ 2,150,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,150,000</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
Summary Sheets**

**Category:**

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

**Funding Source:** Wastewater Fund

**Carryover Project #:** N/A

**Original Funding Year:** N/A

**General Plan Element Goals:** I-8

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

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

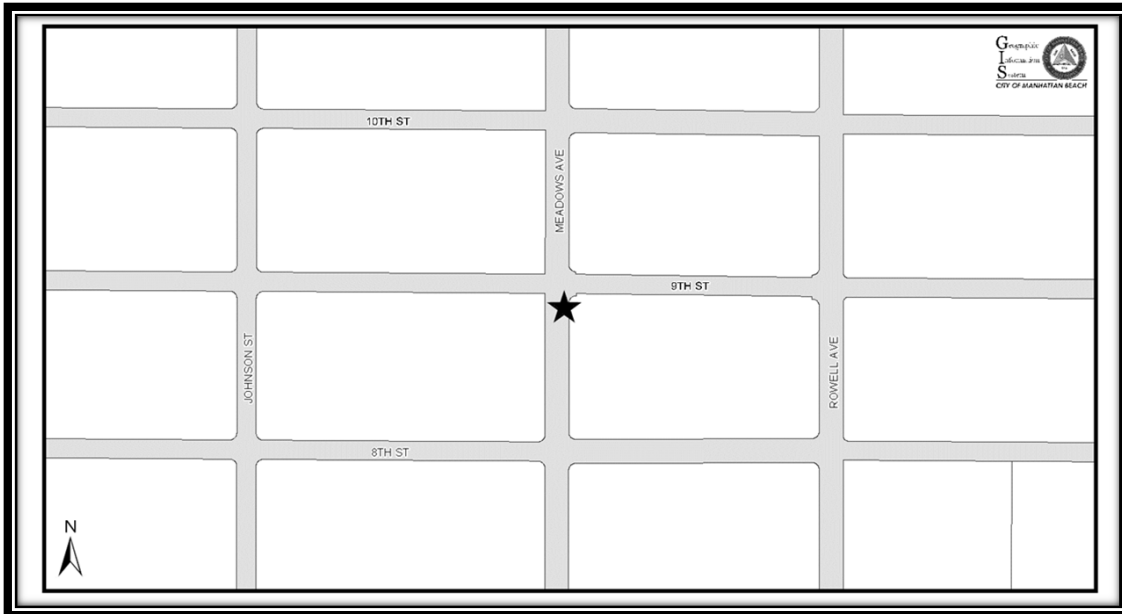
**Justification:** The Meadows Lift Station is located on Meadows Avenue immediately south of 9th Street. The current station could not pump at the needed rate if one of the two pumps fail or is taken out of service for maintenance. Additionally, there is insufficient storage at the station. This project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

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

**Project Cost Information:**

Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
Wastewater Fund	\$ -	\$ -	\$ -	\$ 1,600,000		\$ -	\$ 1,600,000
<b>TOTAL</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,600,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,600,000</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Wastewater Fund	\$ -	\$ 300,000	\$ -			\$ -	\$ 300,000
	<b>TOTAL</b>	<b>\$ -</b>	<b>\$ 300,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 300,000</b>

**Location Map:**

No map; plan update

**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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

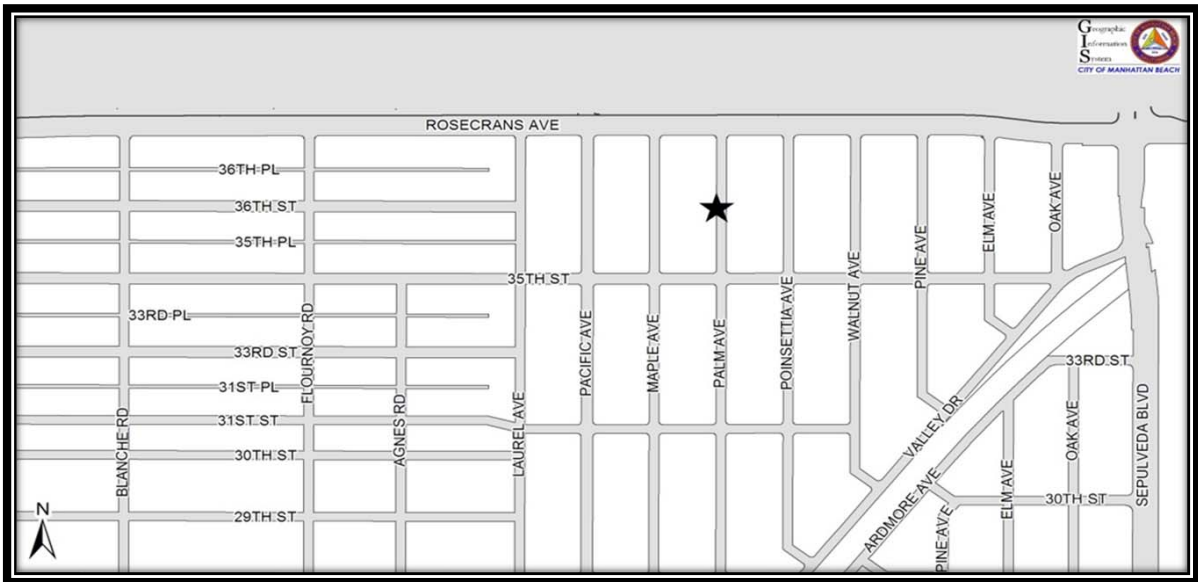
**Project Title:** Palm Lift Station Upgrade, Emergency Storage, and Force Main Replacement

**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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Wastewater Fund	\$ -	\$ -	\$ -	\$ 1,400,000	\$ -	\$ -	\$ 1,400,000
	<b>TOTAL</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,400,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,400,000</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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

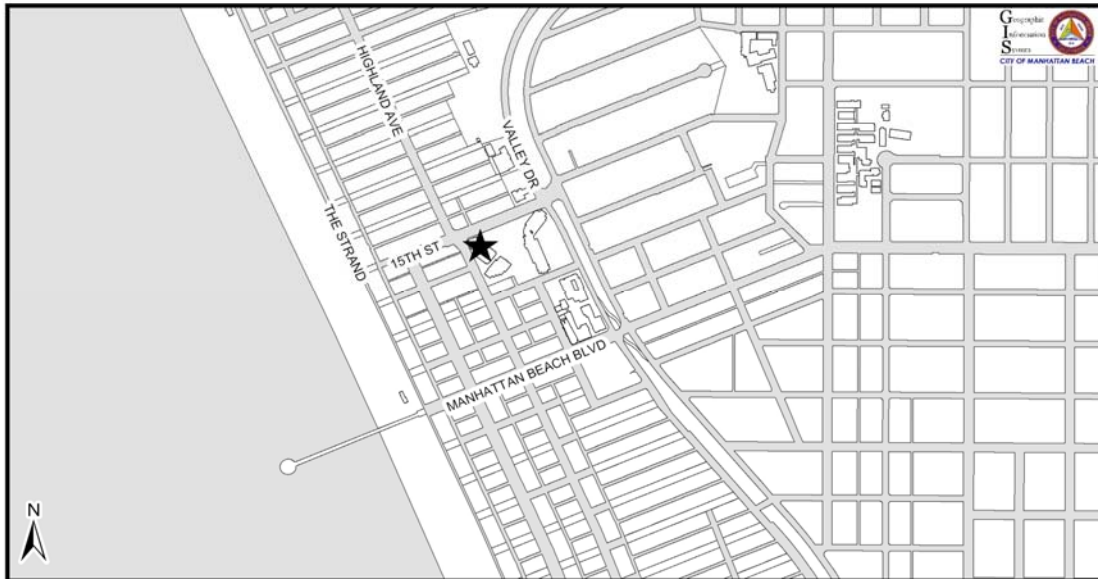
**Project Title:** City Hall Lift Station Upgrade, Emergency Storage, and Force Main Replacement

**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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Wastewater Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000
	<b>TOTAL</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,000,000</b>	<b>\$ 1,000,000</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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

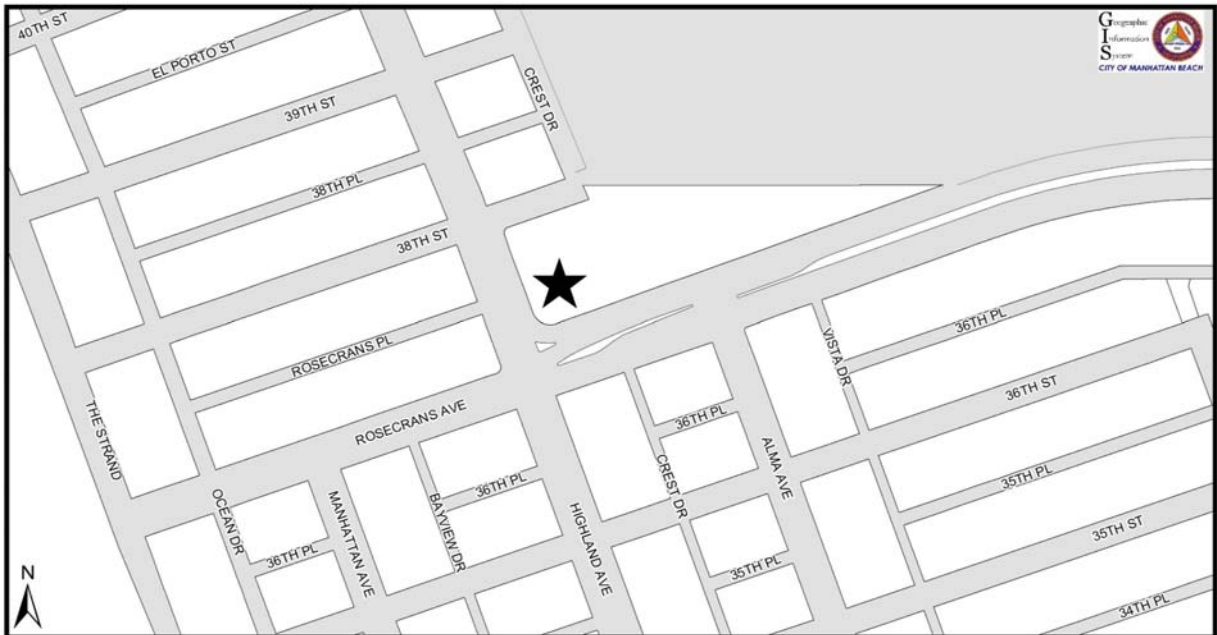
**Project Title:** Parking Structure Structural Rehab: Lot 4

**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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Parking Fund	\$ 642,358	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 642,358
	<b>TOTAL</b>	<b>\$ 642,358</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 642,358</b>

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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

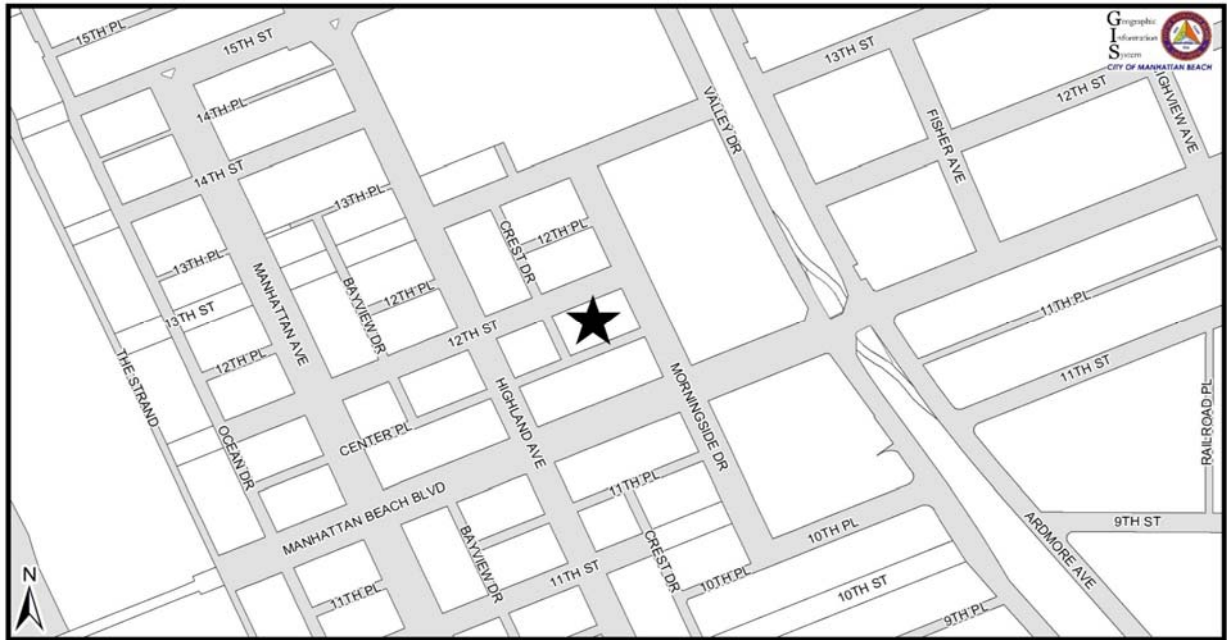
**Project Title:** Parking Structure Structural Analysis/Design: Lot 3

**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 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Parking Fund		\$ -	\$ -	\$ 150,000	\$ 800,000	\$ -	\$ 950,000
	<b>TOTAL</b>		\$ -	\$ -	\$ 150,000	\$ 800,000	\$ -	\$ 950,000

**Location Map:**



**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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 #:** 15832E  
**Original Funding Year:** 2014-15  
**General Plan Element Goals:** LU-3.4, I-1, I-2.3, I-6

**Project Title:** Way Finding Program (Phase I)

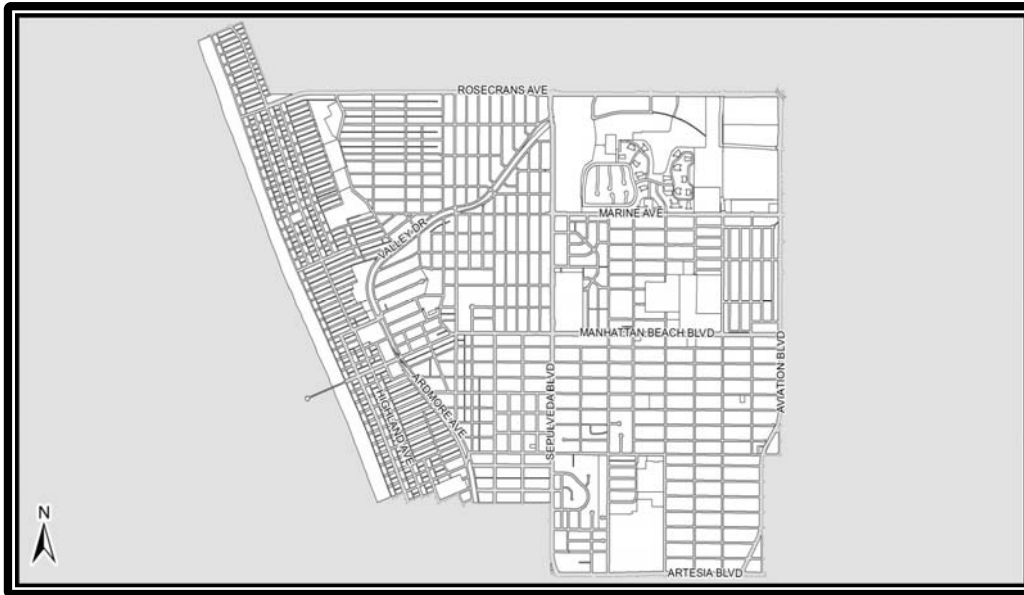
**Description:** Uniform sign design to be employed Citywide.

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

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	Parking Fund	\$ 347,184	\$ -	\$ -	\$ -			\$ 347,184
	<b>TOTAL</b>	<b>\$ 347,184</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 347,184</b>

**Location Map:**

Signs evaluated Citywide.





**City of Manhattan Beach  
Capital Improvement Plan FY2021-2025  
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

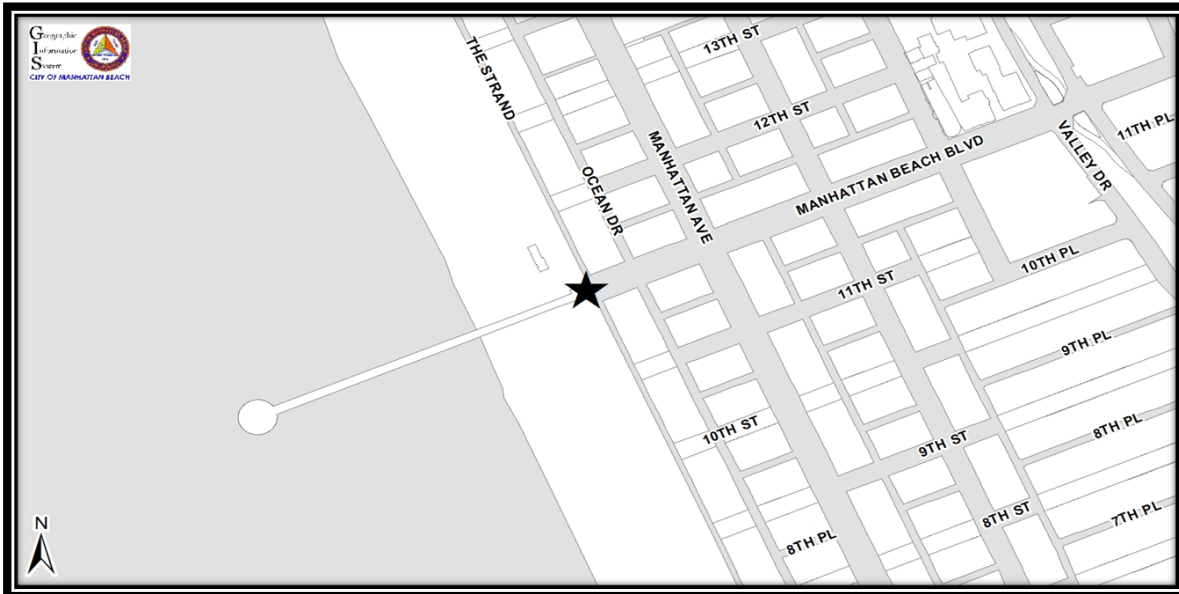
**Project Title:** Pier Railings Project

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

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

Project Cost Information:	Funding Source(s):	Remaining Allocation as of 02-29-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	TOTAL
	State Pier Fund	\$ 150,084	\$ -	\$ 1,400,000	\$ -	\$ -		\$ 1,550,084
	<b>TOTAL</b>	<b>\$ 150,084</b>	<b>\$ -</b>	<b>\$ 1,400,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,550,084</b>

**Location Map:**





# PROPOSED 5-YEAR CAPITAL IMPROVEMENT PROGRAM FY 2020/21-2024/25

Stephanie Katsouleas, P.E., Public Works Director  
Prem Kumar, P.E. City Engineer  
Anna Luke-Jones, Senior Management Analyst



Streets



Other ROW



Water



# CIP PROGRAM

Buildings



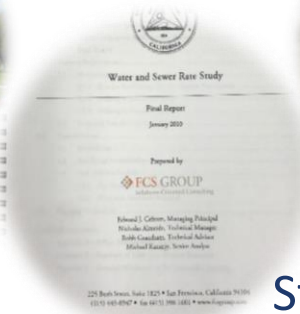
Wastewater



Parks



Storm Water



Studies & Evaluations



# 5-YEAR CIP SNAPSHOT FYS 2020/21 – 2024/25

\$74,638,819  
Previously Appropriated

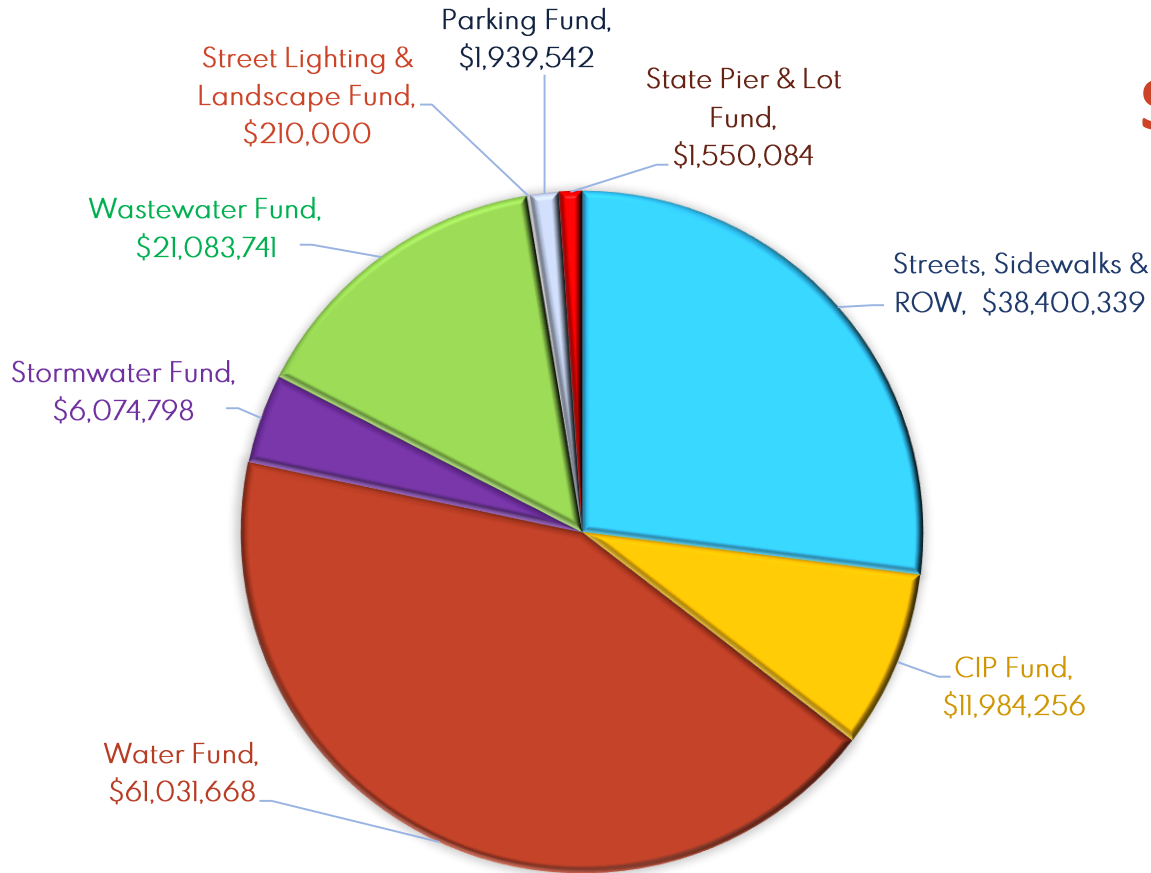
\$22,350,000  
FY 20/21 Request

\$67,635,609  
Future Appropriations  
(Fiscal Years 2-5)



TOTAL Proposed  
5-Year CIP  
116 Projects  
**\$142,274,428**




# 8 CIP FUNDING CATEGORIES



**TOTAL**  
**\$142,274,428**



# FUNDING SOURCES

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)
		Street Lighting Fund	
		Parking Lot Fund	
		State Pier & Lot Fund	
			
<b>\$11,984,256</b>	<b>\$88,190,207</b>	<b>\$42,099,965</b>	



# STREET, SIDEWALKS, ROW

28 Unique Projects  
\$38,400,339

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



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





# STREETS, SIDEWALKS, ROW

- 5) Annual Curb/Gutter
- 1) Village Field ADA Access
- 2) Annual Slurry Seal
- 5) Annual Street Resurfacing
- (1) Rosecrans Ave Street Resurfacing

- (1) Ocean Dr. Pedestrian Crossings
- (1) ADA Transition Plan
- (2) Pavement Mgt. Sys. Report
- (1) Rosecrans Bike Lane
- (1) New Sidewalk – Aviation/33<sup>rd</sup>\*
- (1) New Sidewalk – Rowell Ave.
- (1) 15<sup>th</sup> St./Highland Ave Signal



# WATER FUND

18 Unique Projects  
\$61,031,668



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

# WATER FUND



- (4) 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 Installation
- (1) Well 15 VFD/Electrical Panel
- (1) Water Masterplan Update
- (1) Electronic Automation (SCADA)
- (2) Generator Upgrades

# STORMWATER FUND

15 Unique Projects  
\$6,074,798



Storm drain improvements, storm water conveyance upgrades, NPDES compliance

# STORMWATER FUND



- (5) Storm Drain Capital BMPs
- (1) Strand Infiltration Feasibility Study
- (6) Storm Drain Repairs
- (1) Stormwater Master Plan Update
- (1) CCTV Storm Drain System
- (1) Joint Watershed Infiltration Project



# WASTEWATER FUND

13 Unique Projects  
\$21,083,741

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



# WASTEWATER FUND



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

(1) Utility Radio Telemetry, a joint project already identified in the Water Fund.

# PARKING FUND



3 Unique Projects  
\$1,939,542

- (1) Parking Structure Rehab (Lot 4)
- (1) Parking Structure Analysis (Lot 3)
- (1) Wayfinding Program (Phase 1)



# STATE PIER & LOT FUND



1 Unique Project  
\$1,550,084

Pier Railing Replacement  
(Design and Construction)



# CIP FUND

35 Unique Projects  
\$11,984,256

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



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

# CIP FUND

## City Facilities Projects

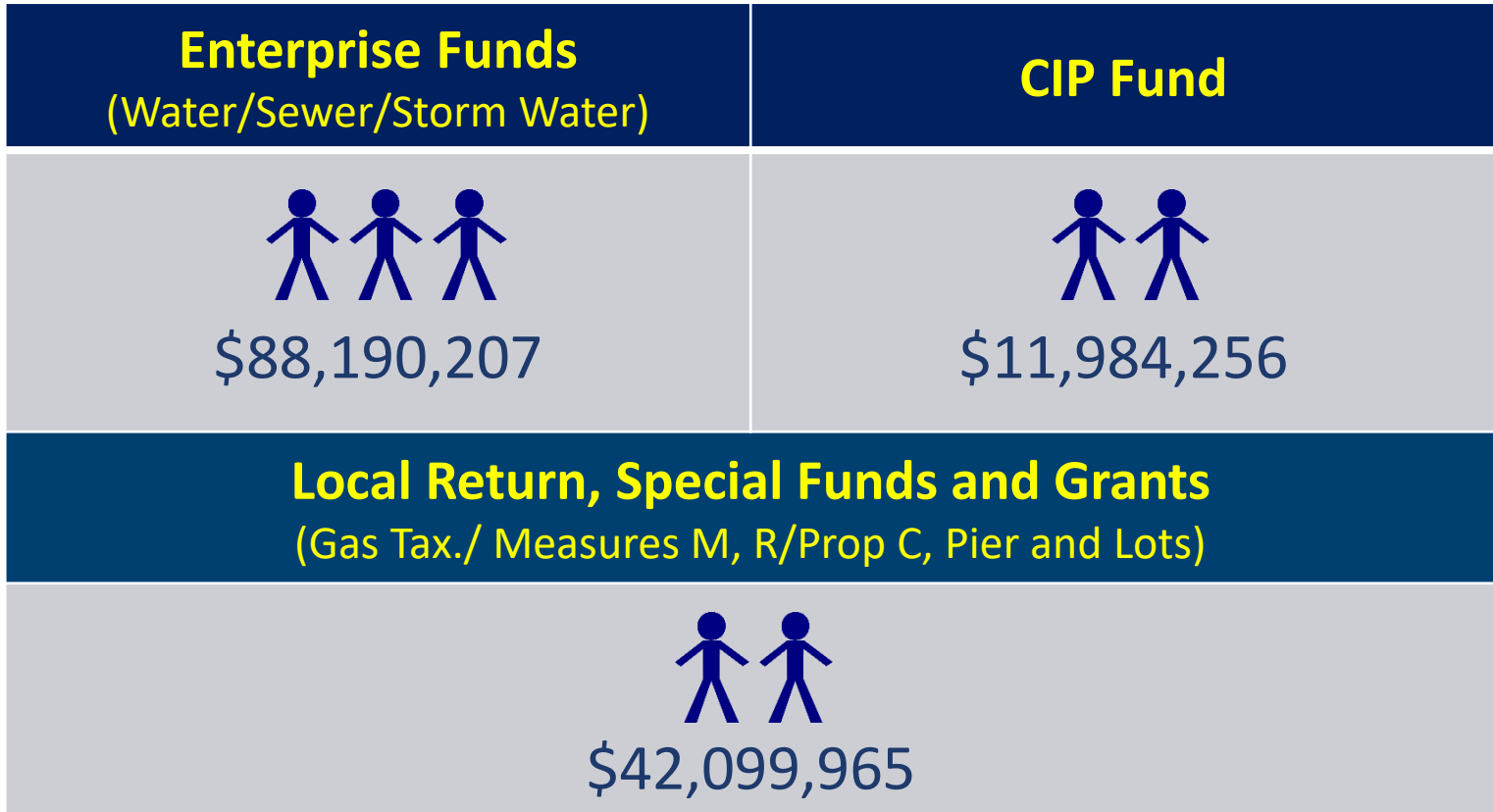
- (6) Facility Improvements
- (1) Roof Replacements (3 bldgs.)
- (1) Streetlight LED Retrofit
- (1) Fiber Master Plan
- (1) Mariposa Fitness Station
- (1) Ceramic Studio Upgrade
- (1) Fire Station Design
- (1) New Scout House
- (1) Fire Station 1 Exhaust Sys.
- (1) Begg Field Turf & Lighting
- (1) Historic Document Repository
- (1) City-owned Refuse Enclosures

## ROW and Grants Projects

- (1) Downtown Signal Replace.
- (1) Traffic Signal Battery Backup
- (1) Traffic Signal Preemption Devices
- (1) Sepulveda Multi-modal Plan
- (5) Annual Non-motorized Ped. Proj.
- (1) ALPR – Sepulveda Blvd.
- (1) Polliwog Playground Replacements
- (1) Polliwog Band Stage Project
- (1) Village Field Access Construction
- (4) Annual ADA Improvements
- (1) Sepulveda/Oak Intrusion Study



# RECAP: ALLOCATION OF RESOURCES



# COMPLETED PROJECTS IN FY 19/20

1. Annual Curb, Gutter and Replacement Project
2. Strand Resurfacing Project
3. Annual Slurry Seal: Areas 4, 5 and 6
4. Street Resurfacing: Marine, from Sepulveda to Aviation
5. Street Resurfacing: Liberty Village
6. ADA transition plan within Public Rights of Way
7. Various City Facilities Improvements
8. City Hall 1<sup>st</sup> and 2<sup>nd</sup> Floor Restroom Remodel
9. Engineering Division Remodel
10. Fire Station 2 Design Development
11. City Wayfinding Program Master Plan
12. Veterans Parkway Access Master Plan
13. Roadway Safety Barrier Review
14. Cycle 1 Sewer Repair Project
15. Parking Meter Upgrades
16. Tree and Grate Installations - North Manhattan Beach



# QUESTIONS AND ANSWERS



**Agenda Date:** 5/7/2020

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**TO:**

Honorable Mayor and Members of the City Council

**THROUGH:**

Bruce Moe, City Manager

**FROM:**

Carrie Tai, Community Development Director

**SUBJECT:**

Recent Planning Commission Quasi-Judicial Decisions:

1. Use Permit and Vesting Tentative Parcel Map No. 82904 for Proposed Construction of Four Residential Condominium Units Located at 617 Aviation Way (Cleland)
2. Master Use Permits for 1) A New Commercial Building with a Personal Improvement Service Use and a Restaurant with Beer and Wine Service on a 13,168 Square-Foot Lot at 1100 N. Sepulveda Blvd and 2) A New Commercial Building with a Credit Union and a Restaurant with Beer and Wine Service on a 24,494 Square-Foot Lot at 1120 N. Sepulveda Blvd; Both in the CG-D8 zone; and Make an Environmental Determination in Accordance with the California Environmental Quality Act (Kinecta Federal Credit Union)
3. Sign Exception Allowing Off-Premises and Digital Signage at the Manhattan Village Shopping Center Located at 2600 - 3600 North Sepulveda Boulevard and 1180 - 1200 Rosecrans Avenue (RREEF America REIT II Corp. BBB), in the Community Commercial (CC) Zone; and Make an Environmental Determination in Accordance with the California Environmental Quality Act

(Community Development Director Tai).

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The Planning Commission met on April 29, 2020 to consider three applications. As shown below, the Commission approved the applications, with conditions.

- 1. Use Permit and Vesting Tentative Parcel Map No. 82904 for Proposed Construction of Four Residential Condominium Units Located at 617 Aviation Way and Make an Environmental Determination in Accordance with the California Environmental Quality Act (Cleland)**

**The Commission Adopted a Resolution Conditionally Approving the Use Permit and Vesting Tentative Parcel Map (5:0) with Conditions.**

On November 15, 2019, the City received an application requesting a Use Permit for the demolition of the existing structures and construction of four attached residential condominium units located at 617 Aviation Way. The project site is an interior 7,490 square foot lot, zoned CL, Commercial Local with an existing single family and garage. Specifically, the new construction will include a three story 7,377 square foot building with 12 on-site required parking spaces, a driveway on Aviation Way and a common outdoor recreation area. A use permit is required per Section 10.16.020 of the Manhattan Beach Municipal Code for residential use in a commercial zone. A vesting tentative parcel map (VTPM) will be required per Section 11.12.020 to subdivide the property into separate condominium ownership.

The applicant spoke in favor of the project. There were no speakers for public comment. The Commissioners unanimously approved the project, with several Commissioners expressing excitement that project will provide a net gain of housing units for the City.

Link to the Planning Commission Staff Report:

[http://cms6ftp.visioninternet.com/manhattanbeach/commissions/planning\\_commission/2020/20200429/20200429-2.pdf](http://cms6ftp.visioninternet.com/manhattanbeach/commissions/planning_commission/2020/20200429/20200429-2.pdf)

**2. Master Use Permits for 1) A New Commercial Building with a Personal Improvement Service Use and a Restaurant with Beer and Wine Service on a 13,168 square-foot lot at 1100 N. Sepulveda Blvd and 2) A New Commercial Building with a Credit Union and a Restaurant with Beer and Wine Service on a 24,494 square-foot lot at 1120 N. Sepulveda Blvd; both in the CG-D8 zone; and Make an Environmental Determination in Accordance with the California Environmental Quality Act (Kinecta Federal Credit Union)**

**The Commission Adopted Resolutions Conditionally Approving the Master Use Permits (5:0) with Conditions and Modifications.**

On August 29, 2019, the Community Development Department received applications requesting two Master Use Permits for two separately-owned adjacent lots that the applicant proposes to redevelop as one site. The site's two lots will be kept under separate ownership. One of the two Master Use Permit requests proposes to build a 4,650 square-foot commercial building with a credit union and restaurant with on-site beer and wine service at 1120 N. Sepulveda Boulevard (southeast corner of Manhattan Beach Boulevard and Sepulveda Boulevard). The other Master Use Permit request proposes to build a 4,920 square-foot commercial building above a semi-underground parking garage, with the commercial building having a personal improvement service use and a restaurant with on-site beer and wine service at 1100 N. Sepulveda Boulevard (northeast corner of Sepulveda Boulevard and 11th Street). The subject site is located in the "CG-D8" (General Commercial, Sepulveda Boulevard Corridor Overlay) design overlay district in Area District I.

The applicants spoke in favor of the project. There were no speakers for public comment. The Commissioners expressed concern with circulation and the maneuverability in a few parking areas. The applicant's architect stated he had already come up with modifications to the parking



lots and was willing to work with staff to adjust the parking lot design to address the Commissioner's concerns. Many Commissioners expressed support for the project's architecture and that the long-vacant site was finally being developed. The Commission unanimously approved the Master Use Permit resolutions, but added several conditions that would address the concerns in the parking areas.

Link to the Planning Commission Staff Report:

[http://cms6ftp.visioninternet.com/manhattanbeach/commissions/planning\\_commission/2020/20200429/20200429-3.pdf](http://cms6ftp.visioninternet.com/manhattanbeach/commissions/planning_commission/2020/20200429/20200429-3.pdf)

3. Sign Exception Allowing Off-Premises and Digital Signage at the Manhattan Village Shopping Center located at 2600 - 3600 North Sepulveda Boulevard and 1180 - 1200 Rosecrans Avenue (RREEF America REIT II Corp. BBB), in the Community Commercial (CC) Zone; and Make an Environmental Determination in Accordance with the California Environmental Quality Act

### **The Commission Adopted a Resolution Conditionally Approving the Sign Exception (5:0) with Conditions.**

On October 23, 2019, JLL submitted an application requesting approval of a Sign Exception on behalf of RREEF America REIT Corp BBB II for new signage proposed throughout the Manhattan Village Shopping Center (MVSC), located at 2600 - 3600 North Sepulveda Boulevard and 1180 - 1200 Rosecrans Avenue. The applicant is proposing signage to market and advertise to customers inside the shopping center. This type of signage is considered to be off-premises signage by the Zoning Code (MBMC 10.72.030). The proposed Sign Exception will allow for additional signage (both digital and static) as well as off-premises signage which will facilitate the implementation of the applicant's vision and strategy for the project as part of the ongoing renovation and expansion of the property.

The applicant spoke in favor of the project. Staff received a late public comment expressing support for the project. There were no speakers for public comment. The Commissioners stated that the Manhattan Village Shopping Center is a unique commercial property in the City and that the Sign Exception was warranted. The Commission unanimously approved the Sign Exception.

Link to the Planning Commission Staff Report:

[http://cms6ftp.visioninternet.com/manhattanbeach/commissions/planning\\_commission/2020/20200429/20200429-4.pdf](http://cms6ftp.visioninternet.com/manhattanbeach/commissions/planning_commission/2020/20200429/20200429-4.pdf)

The City Council can consider Planning Commission quasi-judicial decisions if two Councilmembers request review of the decision or if a member of the public files an appeal within 15 days of the decision. The appeal period for this item ends on Thursday, May 14, 2020. For all requests for review, it shall be presumed that the reason for the request is that the decision may have significant and material effects on the quality of life within the City, or that the subject matter of the decision may have Citywide importance warranting review and determination by City's elected officials. Bias shall not be presumed or inferred due to a request for review.

