



Public Works
Commission Meeting
03-23-22

**Item
4.A.**

Public Works Commission Agenda Report

To: Chair Simmens and Members of the Public Works Commission

Prepared by: Troy Spayd, Assistant Public Works Director/City Engineer

Approved by: Rob DuBoux, Public Works Director/City Engineer

Date prepared: March 17, 2022 Meeting date: March 23, 2022

Subject: Capital Improvement Projects and Disaster Recovery Projects Status Report

RECOMMENDED ACTION: Receive and file report on the status of the City's current and upcoming Capital Improvements Projects and Disaster Recovery Projects.

DISCUSSION: Staff will provide a status update on the following active projects in the Fiscal Year 2021-2022 Capital Improvement Program:

Capital Improvement Projects (Design)

Marie Canyon Green Streets

➤ Updates:

- A hydrology report was prepared and will be used to size the pre-manufactured biofilters. City staff reviewed multiple biofilter manufacturers for filters that will work in the proposed project area. The final design is complete and the project will be advertised for construction bids.

➤ Project Schedule:

- Complete Design: March 2022
- Begin Construction: Summer 2022

PCH Median Improvements Project

➤ Updates:

- The project was approved by the Planning Commission on September 8, 2021. This project requires Caltrans approval since the work will be on Pacific Coast Highway. The project reports and plans are being routed through Caltrans for final approval. The project will have final approval by the end of the March. The project will be advertised for

construction bids after approval. An agreement for construction management services was approved by Council on March 14, 2022.

➤ Project Schedule:

- Complete Design: March 2022
- Advertise: Spring/Summer 2022
- Begin Construction: Summer 2022

PCH Signal Synchronization System Improvements Project

➤ Updates:

- This project will be presented to the Planning Commission in May 2022. This project requires Caltrans approval since the work will be on PCH. The project reports and plans are being routed through Caltrans for final approval. It is anticipated that the project will have final approval by March 2022. The project will be advertised for construction bids shortly after final approval. If possible, the construction of this project will begin in conjunction with the PCH Median Improvement

➤ Project Schedule:

- Complete Final Design: Spring 2022
- Advertise: Summer 2022
- Award Contract and Begin Construction: Summer 2022

Westward Beach Road Improvements Project

➤ Updates:

- The design plans were approved by Planning Commission on September 20, 2021. At the December 13, 2021, City Council meeting, Council directed staff to withdraw the proposed project and associated Coastal Development Permit and directed the Public Works and Public Safety Commissions to review the project to develop project alternatives. A joint Public Works and Public Safety Commission meeting was held on January 20, 2022 and February 23, 2022 and project alternatives were presented to the commissions. City staff will present the recommended design alternatives to Council on March 28, 2022.
- The direction received from the four motions passed included rehabilitation of the roadway to max 8' from R/W, add share road with bicycles pavement markings, delineated parallel parking spaces and speed humps. There is room to add a pathway within the R/W per Council's direction.

➤ Project Schedule:

- Complete Design: Summer 2022
- Begin Construction: Fall/Winter 2022

Civic Center Water Treatment Facility Phase 2

- Updates:
 - Individual letters were mailed to all properties within Phase 2 with their preliminary estimated assessments in July 2021. Staff has been communicating with the property owners regarding their proposed assessments.
 - The MOU has been amended modifying the deadline to the formation of the assessment district to June 30, 2022. A new request for further modification of the schedule has been requested.
 - Staff mailed easement documents to property owners for review and execution in July and has followed up with an additional letter to those property owners.
- Project Schedule:
 - Complete Design: December 2021
 - Advertise for Bidding: December 2022
 - Begin Construction: Spring 2023

Bluffs Park Shade Structure

- Project Description: This project consists of the installation of four single-post shade structures at Malibu Bluffs Park.
- Updates:
 - Staff received bids on February 24, 2022. Award of contract is scheduled for the April 11, 2022 Council meeting.
- Estimated Schedule:
 - Complete Design: February 2022
 - Begin Construction: Spring 2022

Permanent Skate Park

- Project Description: This project includes designing and constructing a permanent skate park located on the Crummer/Case Court parcel adjacent to Malibu Bluffs Park. The project would include parking and additional site amenities such as trash cans, benches, tables, and restrooms.
- Updates:
 - In May 2021, the Council approved funding for additional engineering work related to the project. Staff has worked with the consultant over the past several months to complete the engineering work, and the final draft plans are expected to be completed in early 2022. The Planning Commission will then review the project in Spring 2022 before final review by the Council.
- Estimated Schedule:
 - Complete Design: Spring 2022
 - Begin Construction: To be determined

PCH at Trancas Canyon Road Right Turn Lane

- Project Description: This project consists of installing a new westbound right turn lane at the intersection of PCH and Trancas Canyon Road.
- Updates:
 - Staff reviewed proposals for engineering design services and has selected a qualified consultant. It is anticipated that the agreement will go to Council in April 2022 after the Funding Agreement is issued by Metro.
- Estimated Schedule:
 - Begin Design: Late Spring 2022

Capital Improvement Projects (Construction)

The City does not have projects in construction at this time.

Capital Improvement Projects (Not Started)

Vehicle Protection Devices

- Project Description: Per Malibu Municipal Code Section 17.48.070 requires vehicle impact protection devices to be installed for all parking spaces located adjacent to any outdoor pedestrian seating area. There are two locations within the City's right-of-way and City-owned property that would require a vehicle impact protection device.

Legacy Park Paver Repair Project

- Project Description: This project will consist of removing and repairing a large section of pavers in Legacy Park. The pavers have become uneven and damaged in several areas

Malibu Bluffs Park South Walkway

- Project Description: This project will include replacing the existing sidewalk located on the south side of Malibu Bluffs Park.

Trancas Playground Resurfacing

- Project Description: The project will include removing and replacing the upper layer of the playground surfacing at Trancas Canyon Park.

PCH Median Improvements at Paradise Cove and Zuma Beach

- Project Description: This project was identified in the 2015 PCH Safety Study and includes installing new raised medians and improvements. New raised medians are proposed east and west of PCH and Paradise Cove Road. The proposed improvements also include the relocation of the existing bus stop and new signage. The project will also include the installation of new raised medians on PCH in the areas where the double yellow lines exist in the vicinity of Zuma Beach, specifically where the yellow paddles are installed.

Capital Improvement Projects (Completed)

Civic Center Way Improvements

- Updates: The contractor completed the project and Council accepted this project as complete at the September 13th City Council Meeting.

Civic Center Stormwater Diversion Structure

- Updates: The contractor has completed the storm drain improvements on Civic Center Way. The improvements modified the existing concrete channel underneath Civic Center Way by adding a 3' concrete curb adjacent to the existing flap gates. The new curb prevents brackish water intrusion into the City's Civic Center Stormwater Treatment Facility. This project was accepted by the Council at the January 24, 2022 meeting.

2021 Annual Street Maintenance

- Updates: This project included resurfacing Malibu Road, Broad Beach Road, Latigo Canyon Road, Corral Canyon Road, Webb Way, Rambla Pacifico Street and Vista Pacifica with a slurry seal treatment and adding speed humps to Birdview Avenue. This project was identified in the City's Pavement Management Plan. This project was accepted by the Council at the January 24, 2022 meeting.

Disaster Projects (Design)

Broad Beach Road Water Quality Infrastructure Repairs (CalJPIA Project)

- Updates:
 - The project consultant prepared the specifications for the project. Staff is finalizing the bid documents.
- Project Schedule:
 - Complete Design: March 2022
 - Advertise: Spring 2022
 - Begin Construction: Summer 2022

Latigo Canyon Road Roadway/Retaining Wall Improvements (FEMA Project)

- Updates:
 - Staff is finalizing the design of this project.
 - Staff is also working with FEMA/CalOES to substitute the existing timber with non-combustible materials.
- Project Schedule
 - Complete Design: April 2022
 - Advertise: Spring 2022
 - Begin Construction: Spring 2022

Trancas Canyon Park Planting and Irrigation Repairs (CalJPIA/FEMA Project)

- Updates:
 - The project consultant has started the design of this project.
- Project Schedule:
 - Complete Design: Spring 2022
 - Begin Construction: Summer 2022

Trancas Canyon Park Slope Stabilization Project (CalJPIA Project)

- Updates:
 - The project consultant has started the design of this project.
- Project Schedule:
 - Complete Design: Spring 2022
 - Begin Construction: Summer 2022

Storm Drain Master Plan (FEMA Project)

- Project Description: This project is funded through a grant from FEMA after the Woolsey Fire. The City will create a complete inventory of storm drains, culverts, debris basins, manholes, and other drainage structures within the City.
- Updates: Council approved an agreement in December for design services. A kick-off meeting was held in late December.
- Estimated Schedule:
 - Completion Date: Spring 2022

Corral Canyon Road Bridge Repairs (FEMA Project)

- Project Description: This project consisted of replacing fire damaged existing fencing and repairing the damaged embankment adjacent to the bridge.

Clover Heights Storm Drain (FEMA Project)

- Project Description: This project consists of design and construction of a few storm drains on Clover Heights. The existing storm drain facility ends at the intersection of Clover Heights and Harvester Road. During storms, this intersection floods and causes debris to block the road. An extended storm drain towards the end of Clover Heights will help eliminate this issue.
- Updates:
 - Staff released a Request for Proposals for engineering design services. Proposals are due in April 14, 2022.

Latigo Canyon Road Culvert Repairs (FEMA Project)

- Project Description: This project consists of repairing the existing storm drain on Latigo Canyon Road located approximately 2,500 feet from PCH that was damaged by the Woolsey Fire.
- Updates:
 - This project is currently under design with the City's consultant. It is anticipated that the final design will be complete by March 2022. The

project will be advertised for construction bids with construction beginning in Spring 2022.

- Estimated Schedule:
 - Complete Design: March 2022
 - Begin Construction: Spring 2022

Encinal Canyon Road Drainage Improvements (CalOES Project)

- Project Description: This project consists of repairing damage storm drain facilities and roadway embankments that were damaged by the Woolsey Fire.
- Updates:
 - The project design has begun and preliminary design should be completed by Spring 2022.
- Estimated Schedule: TBD

Malibu Road Slope Repairs (CalOES Project)

- Project Description: The existing slope adjacent to the beach access stairs at 24712 Malibu Road has been eroded and caused damage to Malibu Road.
- Updates:
 - The design has started and is anticipated to be completed by the Spring of 2022.
- Estimated Schedule:
 - Complete Design: Spring 2022
 - Begin Construction: Fall 2022

Westward Beach Road Shoulder Repairs (CalOES Project)

- Project Description: The project consists of repairs the damaged shoulder on Westward Beach Road.
- Upates:
 - This project is currently under design with the City's consultant. It is anticipated that the final design will be complete by July 2022. The project will be advertised for construction bids with construction beginning in Fall 2022.
- Estimated Schedule:
 - Complete Design: July 2022
 - Begin Construction: Fall 2022
 -

Outdoor Warning Sirens - Design (FEMA Project)

- Project Description: An Emergency Warning Siren system will improve the City's ability to alert the community by providing mechanisms to alert residents in areas without power and those who live in neighborhoods with poor cell service. Phase One of the project included a sound study to determine the optimal number and locations of individual sirens, power and infrastructure requirements, and siren sound range. The City has been awarded a FEMA Hazard Mitigation grant to fund the design, engineering and environmental compliance needed for a shovel ready project. Phase Two of

the Emergency Warning Sirens project will be implementation of the design plan, including purchasing, installing, and testing the sirens. The City will apply for future grant funding for this phase of the project.

➤ Updates:

- On November 30, 2021, City Council approved an agreement with Acoustic Technology to design the outdoor warning sirens. A design report will be presented to Council upon completion.
- The Kickoff meeting for the Steering Committee was held on March 17, 2022.

➤ Estimated Schedule: TBD

Disaster Projects (Construction)

None at this time

Disaster Projects (Completed)

Citywide Guardrail Replacement

Project Description: This project consisted of replacing the damaged guardrails throughout the City caused by the Woolsey Fire on Encinal Canyon Road, Corral Canyon Road, and Kanan Dume Road. The project was combined with the County of Los Angeles' damaged guardrails. The project was completed in February 2021.

Malibu Park Storm Drain Repairs

Project Description: After the Woolsey Fire, subsequent storms caused damage to multiple storm drain facilities throughout Malibu. The project repaired the storm drains on Cuthbert Road, Morning View Drive, Busch Drive at Harvester Road. The project also included the repair of a storm drainage facility on Birdview Avenue. The project was accepted by the Council on January 24, 2022

Corral Canyon Culvert Repairs (FEMA Project)

- Project Description: This project has been cancelled as it could not get FEMA approval.

Birdview Avenue Improvements (CalOES Project)

- Updates: This project was included in the Malibu Park Drainage Improvement. The project was accepted by the Council on January 24, 2022