

This meeting will be held via teleconference only in order to reduce the risk of spreading COVID19 and pursuant to the Governor’s Executive Orders N-25-20 and N-29-20 and the County of Los Angeles Public Health Officer’s Order (temporary revised December 30, 2020). All votes taken during this teleconference meeting will be by roll call vote, and the vote will be publicly reported.

HOW TO VIEW THE MEETING: No physical location from which members of the public may observe the meeting and offer public comment will be provided. Please view the meeting, which will be live streamed at <https://malibucity.org/video> and <https://malibucity.org/VirtualMeeting>.

HOW TO PARTICIPATE BEFORE THE MEETING: Members of the public are encouraged to submit email correspondence to bayala@malibucity.org before the meeting begins.

HOW TO PARTICIPATE DURING THE MEETING: Members of the public may speak during the meeting through the Zoom application. You must first sign up to speak before the item you would like to speak on has been called by the Chair and then you must be present in the Zoom conference to be recognized.

Please visit <https://malibucity.org/VirtualMeeting> and follow the directions for signing up to speak and downloading the Zoom application.

Public Works Commission
Meeting Agenda
(to be held during COVID-19 emergency)

Wednesday, January 27, 2021

3:30 p.m.

Various Teleconference Locations

**YOU MAY VIEW THIS MEETING LIVE OVER THE INTERNET AT
MALIBUCITY.ORG/VIDEO**

Call to Order

Roll Call

Pledge of Allegiance

Approval of Agenda

Report on Posting of Agenda –January 22, 2021

Administration of Oath of Office to Newly Appointed Commissioner(s)

1. Written and Oral Communications from the Public and Commissioners

- A. Communications from the Public concerning matters which are not on the agenda but for which the Commission has subject matter jurisdiction. The Commission may not act on

these matters at this meeting. (30 minutes total time allotted)

B. Staff Updates. (5 minutes total time allotted)

C. Commissioner reports, comments and inquiries. (15 minutes total time allotted)

2. Consent Calendar

A. Previously Discussed Items

None.

B. New Items

1. Approval of Minutes – December 10, 2020

Staff recommendation: Approve minutes of the Public Works Commission Special meeting December 10, 2020.

Staff contact: Senior Administrative Assistant Ayala, 310-456-2489 ext. 352

3. Old Business

None.

4. New Business

A. Capital Improvement Projects and Disaster Recovery Projects Status Report

Staff recommendation: Receive and file report on the status of the City’s current and upcoming Capital Improvements Projects and Disaster Recovery Projects.

Staff contact: Public Works Director DuBoux, 310-456-2489 ext. 339

Adjournment

Future Meetings

Wednesday, February 24, 2021	3:30 p.m. Regular Meeting	Location to be determined
Wednesday, March 24, 2021	3:30 p.m. Regular Meeting	Location to be determined

Guide to the City Commission Proceedings

The Oral Communication portion of the agenda is for members of the public to present items which are not listed on the agenda, but are under the subject matter jurisdiction of the Commission. Although no action may be taken, the Commission and staff will follow up, at an appropriate time, on those items needing response. Each speaker is limited to three (3) minutes. Members of the public wishing to speak during the meeting must participate through the Zoom application. You must first sign up to speak before the item you would like to speak on has been called by the Mayor and then you must be present in the Zoom conference to be recognized. Please visit <https://malibucity.org/VirtualMeeting> and follow the directions for signing up to speak and downloading the Zoom application.

Items in Consent Calendar Section A have already been considered by the Commission at a previous meeting where the

public was invited to comment, after which a decision was made. These items are not subject to public discussion at this meeting because the vote taken at the previous meeting was final. Resolutions concerning decisions made at previous meetings are for the purpose of memorializing the decision to assure the accuracy of the findings, the prior vote, and any conditions imposed.

Items in Consent Calendar Section B have not been discussed previously by the Commission. If discussion is desired, an item may be removed from the Consent Calendar for individual consideration. Commissioners may indicate a negative or abstaining vote on any individual item by so declaring prior to the vote on the motion to adopt the entire Consent Calendar. Items excluded from the Consent Calendar will be taken up by the Commission following the action on the Consent Calendar. The Commission first will take up the items for which public speaker requests have been submitted. Public speakers shall follow the rules as set forth under Oral Communication.

Old Business items have appeared on previous agendas but have either been continued or tabled to this meeting with no final action having been taken. Public comment shall follow the rules as set forth under Oral Communication.

Items in New Business are items which are appearing for the first time for formal action. Public comment shall follow the rules as set forth under Oral Communication.

Copies of the staff reports or other written documentation relating to each item of business described above are on file in the office of the Public Works Department, and available upon request by emailing bayala@malibucity.org.

The City Hall phone number is (310) 456-2489. To contact City Hall using a telecommunication device for the deaf (TDD), please call (800) 735-2929 and a California Relay Service operator will assist you. In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact Yolanda Bundy, Environmental Sustainability Director, at (310) 456-2489, ext. 229. Notification 48 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to this meeting. [28 CFR 35.102-35.104 ADD Title II].

I hereby certify under penalty of perjury, under the laws of the State of California, that the foregoing agenda was posted in accordance with the applicable legal requirements. Dated this 22nd day of January 2021, at 1:00 p.m.

Brandie Ayala

Brandie Ayala, Senior Administrative Assistant



Public Works Commission Agenda Report

Public Works
Commission Meeting
01-27-21

**Item
2.B.1.**

To: Chair Merrick and Members of the Public Works Commission

Prepared by: Brandie Ayala, Senior Administrative Assistant *BA*

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

Date prepared: January 22, 2021 Meeting date: January 27, 2021

Subject: Approval of Minutes –December 10, 2020

RECOMMENDED ACTION: Approve minutes of the Public Works Commission Special meeting December 10, 2020.

DISCUSSION: Staff has prepared draft minutes for the Public Works Commission special meeting of December 10, 2020 and hereby submits the minutes for Commission approval.

ATTACHMENTS:

1. Draft Minutes of December 10, 2020 Public Works Commission Special Meeting

MINUTES
MALIBU PUBLIC WORKS COMMISSION
SPECIAL MEETING
DECEMBER 10, 2020
TELECONFERENCED – VARIOUS LOCATIONS
3:30 P.M.

The following meeting was held pursuant to the Governor’s Executive Orders N-25-20 and N-29-20 and fully teleconferenced from various locations during the coronavirus disease (COVID-19) pandemic.

CALL TO ORDER

Chair Merrick called the meeting to order at 3:40 p.m.

ROLL CALL

The following persons were recorded in attendance by the Recording Secretary:

PRESENT: Chair Brian Merrick; Vice Chair Lance Simmens; and Commissioners Scott Dittrich, Paul Grisanti, and James Palmer

ALSO PRESENT: Rob DuBoux, Public Works Director; Travis Hart, Public Works Superintendent; Brandie Ayala, Senior Administrative Assistant; Parker Davis, Media Technician; and Mary Linden, Executive Assistant

PLEDGE OF ALLEGIANCE

Commissioner Dittrich led the Pledge of Allegiance.

APPROVAL OF AGENDA

MOTION Commissioner Grisanti moved and Commissioner Dittrich seconded a motion to approve the agenda. The question was called and the motion carried unanimously.

REPORT ON POSTING OF AGENDA

Senior Administrative Assistant Ayala reported that the agenda for the meeting was properly posted on December 4, 2020.

ITEM 1.A. PUBLIC COMMENTS

None.

ITEM 1.B. STAFF UPDATES

Public Works Superintendent Hart discussed utility work throughout the City, including a Southern California Gas Company project on Malibu Canyon Road and Verizon projects on Malibu Canyon Road and Heathercliff Road.

Public Works Director DuBoux announced Adam Chase resigned effective last Friday. He stated the City was currently recruiting his replacement.

ITEM 1.C. COMMISSIONER COMMENTS

Commissioner Dittrich stated he was communicating with Jo Drummond from Big Rock. He stated she told him there was one house with earth movement and a well that was not working, both claims disputed by the City. He stated many Big Rock residents were trying to stop the building of a new home.

Vice Chair Simmens asked how the discrepancy could be resolved. Commissioner Grisanti stated the homeowners association characterized this as a small group of homeowners. He stated engineers determined the movement was nearly imperceptible. Public Works Director DuBoux stated he agreed with Commissioner Grisanti and that all data had been presented to the property owners and City Council. He stated the City Council requested a staff report on slope stability and development in Big Rock, which would be presented by the Environmental Sustainability Department in the near future.

Commissioner Grisanti discussed ongoing issues brought up by Big Rock homeowners.

Commissioner Palmer commended City crews working on Malibu Canyon in the Malibu Knolls area. He requested an update on two pipes that broke on Malibu Road and damaged some homes. Public Works Superintendent Hart discussed a vehicle accident on Pacific Coast Highway near Puerco Canyon that sheared a hydrant, which led to the two water main leaks at the weakest locations in the pipe. He stated the stated Los Angeles County Waterworks District 29 (District 29) was working with homeowners on damage claims.

Chair Merrick stated the recent Public Safety Power Shutoff (PSPS) in Point Dume was brutal. He stated the City needs better communication with Southern California Edison (SCE) to reduce the amount of time with no power. He questioned why SCE turned off that area only and not other areas. He expressed frustration with how long it took for SCE to restore power service after the danger passed.

Commissioner Grisanti stated upper portion of the Cuthbert Circuit was in Latigo Canyon.

Commissioner Dittrich discussed the unusual wind patterns that day. He stated different sections had no wind while others not far away had extremely high wind activity.

In response to Vice Chair Simmens, Public Works Director DuBoux confirmed the decisions related to PSPS were made solely by SCE. He discussed notifications to the City regarding the potential of a PSPS and updates received throughout the incident. He stated all equipment had to be inspected for safety prior to re-energizing the circuit.

ITEM 2 CONSENT CALENDAR

MOTION Vice Chair Simmens moved and Commissioner Grisanti seconded a motion to approve the Consent Calendar. The question was called and the motion carried unanimously.

The Consent Calendar consisted of the following items:

- A. Previously Discussed Items
None.

- B. New Items
 - 1. Approval of Minutes – November 12, 2020
Staff recommendation: Approve minutes of the Public Works Commission Special meeting of November 12, 2020.

ITEM 3 OLD BUSINESS

None.

ITEM 4 NEW BUSINESS

- A. Capital Improvement Projects and Disaster Recovery Projects Status Report
Staff recommendation: Receive and file report on the status of the City's current and upcoming Capital Improvements Projects and Disaster Recovery Projects.

Public Works Director DuBoux presented the report. He discussed the schedule for the PCH Median Improvements Project. He stated construction would not start until after the summer construction hiatus. He stated the PCH Median Improvements and PCH Signal Synchronization Projects may be under construction at the same time. He stated staff was working with Los Angeles County Beaches and Harbors to secure easements for the Westward Beach Road Improvements project. He stated construction on these projects were being tentatively scheduled to begin in the fall to avoid having to stop midway for the summer construction hiatus.

In response to Commissioner Dittrich, Public Works Director DuBoux stated the 10-foot wide path on PCH to Westward Beach would be shared by pedestrians and cyclists. He stated it would include locking bike racks.

Chair Merrick discussed road issues in the Westward Beach area, including parked vehicles and pedestrians crossing. He stated the project will protect the pedestrians and cyclists and will also make it difficult for RVs to park there. He stated there was some opposition to the project voiced at a recent Council meeting. He stated this project would provide safety improvements to a heavily used beach area.

Commissioner Dittrich suggested someone from the Commission make a report at an upcoming City Council meeting to provide the Council with an update on the Commission's review of the project.

Public Works Director DuBoux stated the assessment engineer was contracted for the Civic Center Water Treatment Facility (CCWTF). He announced the coastal development permit (CDP) would go to the Planning Commission in February. He stated staff continued its work to complete the application before the deadline for State funding.

In response to Commissioner Dittrich, Public Works Director DuBoux stated the study of the CCWTF efficiency would not be conducted until it was time to consider whether Phase 3 would be required. In response to Commissioner Grisanti, Public Works Director DuBoux stated it would probably be near mid-2025.

Public Works Superintendent Hart provided updates on the Capital Improvement Projects. He stated the Storm Drain Trash Screens project was completed quickly. In response to Commissioner Grisanti, Public Works Director DuBoux stated the City Hall Roof Replacement Project was expected to take approximately one month. Public Works Superintendent Hart stated half of the retaining wall piles and three catch basins in the Civic Center Way Improvements Project were completed. He stated work was expected to be done by the end of December to allow for opening one section of the street. He discussed water line issues and Red Flag Warnings that caused some delays. He stated some residents near De Ville Way had viewed the work and stated they were excited to be able to walk from De Ville to PCH. He stated the contractor expected to begin installing speed humps in Point Dume next week and hoped to be done before Christmas. He stated the Guardrail Replacement Project was expected to be completed by the end of the month.

Chair Merrick discussed repair to the hillside along Birdview Avenue. Public Works Director DuBoux stated that was included with disaster projects pending FEMA paperwork completion.

Public Works Director DuBoux presented updates on the disaster projects. He stated the design engineer was preparing documents to go out to bid in spring or summer 2021 for construction to begin in the fall. He stated a series of steel plates were currently holding up the roadway on Latigo Canyon Road. He stated it had been proposed to use fire-resistant materials and begin repairs in the spring. He discussed two projects at Trancas Park to repair the septic system and repair the slope east of Trancas Canyon Road toward the concrete flood control channel that were both damaged in the Woolsey Fire.

In response to Commissioner Dittrich, Public Works Director DuBoux stated there had been no communication from Caltrans regarding a crosswalk by Malibu Seafood. He confirmed Caltrans did not have City approval for the crosswalk.

In response to Commissioner Grisanti, Public Works Director DuBoux discussed District 29's relocation of a water line on the land side of PCH near Trancas Creek as part of the bridge replacement project. He stated there were signs on eastbound PCH from Latigo Shores alerting about Caltrans pavement repair and resurfacing work.

Commissioner Dittrich asked if the right turn lane on northbound PCH at Webb Way could be extended. Public Works Director DuBoux staff would investigate it with Caltrans. Commissioner Dittrich stated it was dangerous because motorists turned into the parking lane before approaching the marked right turn lane.

CONSENSUS

By consensus, the Commission received and filed the report on the status of the City's current and upcoming Capital Improvements Projects and Disaster Recovery Projects.

B. Parking Restrictions along Pacific Coast Highway

Staff recommendation: Receive and file report on the status of the City's efforts on parking restrictions along Pacific Coast Highway.

Public Works Director DuBoux presented the report. He stated it took several months of negotiations with the California Coastal Commission (CCC) before parking restrictions were approved for the Tunas Beach area. He stated the staggered parking zones on either side of PCH required parked vehicles to be moved during the night. He stated the restrictions greatly helped with the problem of long-term RV parking.

Commissioner Dittrich stated the new restrictions provided a noticeable improvement with the RV problem. He stated the same occurred when parking was restricted east of Topanga.

Public Works Director DuBoux stated the RVs moved to Corral Canyon Beach and Zuma Beach, but the new restrictions at those locations resulted in fewer RVs parking there. He stated there was no parking permitted on the land side of PCH near Zuma Beach, so parking zones were established from Trancas Canyon Road to the 30200 block of PCH and from there to Busch Drive. He stated the City received very good feedback about the improvements. He stated the City also coordinated with the Sheriff's Department and VOP to conduct sweeps and issue citations. He said the City was monitoring Latigo Shore Drive to Corral Canyon for potential no parking zones if the RVs relocated there. He stated he was working with the Planning Department on an emergency CDP to post 24-hour No Parking

signs on various locations on PCH. He stated the new County Stay at Home Order was also used in support of new parking restrictions.

Commissioner Grisanti thanked staff for the quick response on properties between Corral Canyon and Latigo Shores. He stated residents were grateful.

In response to Vice Chair Simmens, Public Works Director DuBoux explained the 10-day appeal period after a CDP was issued. He stated there was no appeal of the CDP.

Commissioner Dittrich requested clarification of the No Parking period. Public Works Director DuBoux stated parking was restricted between Puerco Canyon Road and Corral Canyon road, and there was no parking at all from Corral Canyon Road to Latigo Shore Drive. Commissioner Dittrich asked if restricting parking by vehicle size could get through CCC. Public Works Director DuBoux stated he was working with Acting Planning Director Mollica on that.

Chair Merrick stated Huntington Beach had restrictions based on vehicle height that was approved by CCC. Commissioner Dittrich stated Santa Monica also had height restrictions. Chair Merrick stated Santa Monica did not have to get CCC approval.

Commissioner Dittrich stated early morning parking was also a continuing problem. Public Works Director DuBoux stated parking meters might help with that issue. He stated both CCC and Caltrans would have to agree on parking meters. Commissioner Dittrich stated the large vehicles prevented visitor parking.

Chair Merrick stated many RVs had moved to PCH between Nicholas Beach and Leo Carillo Beach. Public Works Director DuBoux stated that area was included in the emergency waiver.

Commissioner Palmer stated there was still no parking near the Farmers Market.

ADJOURNMENT

MOTION At 4:48 p.m., Commissioner Dittrich moved and Vice Chair Simmens seconded a motion to adjourn. The question was called and the motion carried unanimously.

Approved and adopted by the Public Works Commission of the City
of Malibu on January 27, 2021.

BRIAN MERRICK, Chair

ATTEST:

BRANDIE AYALA, Senior Administrative Assistant



Public Works Commission Agenda Report

Public Works
Commission Meeting
01-27-21

Item 4.A.

To: Chair Merrick and Members of the Public Works Commission

Prepared by: Robert DuBoux, Public Works Director/City Engineer

Date prepared: January 22, 2021 Meeting date: January 27, 2021

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 2020-2021 Capital Improvement Program:

Capital Improvement Projects (Design)

Marie Canyon Green Streets

- Updates:
 - The City has recently received Measure W funds to complete this project. Staff is working on the project plans to prepare for public bidding.
- Project Schedule:
 - Complete Design: April 2021
 - Begin Construction: Summer 2021

PCH Median Improvements Project

- Updates:
 - Consultant is working on the final design. In March, the City be seeking proposals from consultants to perform construction management.
- Project Schedule:
 - Complete Design: February 2021
 - Begin Construction: Fall 2021

PCH Signal Synchronization System Improvements Project

- Updates:
 - 65% design package was submitted to Caltrans in November 2020.
 - Consultant is working on final design documents.
- Project Schedule:
 - Complete Final Design: May 2021
 - Advertise: July 2021
 - Award Contract and Begin Construction: September 2021

Civic Center Stormwater Diversion Structure

- Updates:
 - A Los Angeles County Flood Control maintenance agreement is required for this project. Staff is waiting for the County's approval of the agreement.
- Project Schedule:
 - Complete Design: Completed. Awaiting maintenance agreement from the County.
 - Begin Construction: Estimated Summer 2021

Westward Beach Road Improvements Project

- Updates:
 - The project requires coordination with Los Angeles County Beaches and Harbor. Staff is working out the final details of the project with the County and will be finalizing the design.
- Project Schedule:
 - Complete Design: Spring 2021
 - Begin Construction: Fall 2021

Civic Center Water Treatment Facility Phase 2

- Updates:
 - Project is at the 65% design phase.
 - Working with the Planning Department to send project to Planning Commission in February.
 - City has submitted a project application for the State Revolving Fund program.
 - An assessment engineer has been hired by the City and a new assessment district will be created.
- Project Schedule:
 - Complete Design: December 2021
 - Begin Construction: March 2022

Malibu Park Drainage Improvements

- Updates:
 - Staff is making minor corrections to the project plans to reduce the overall project costs.

- Project Schedule:
 - Complete Design: Spring 2021
 - Begin Construction: Summer 2021

Capital Improvement Projects (Construction)

City Hall Roof Replacement

- Updates: Bids were received on November 18, 2020 and Council awarded the project to the low bidder on January 11, 2021.
- Project Schedule: February – April 2021

Bluffs Park Workout Station

- Updates: The contractor is waiting for the delivery of the new workout station equipment.
- Project Schedule: November 2020 – March 2021

Civic Center Way Improvements

- Updates:
 - Work Hours: Monday through Friday 7:00AM to 4:00PM, Saturdays 7:00AM to 4:00PM
 - The contractor is currently working at the section between Vista Pacifica and the condos on Civic Center Way. This phase of work will require the temporary closure of Civic Center Way. Portions of the curb and gutter have been placed and the contractor is working on the proposed retaining wall. This portion of work is anticipated to be completed in early February 2021.
 - The contractor is also working on the curb, gutter and storm drain installation on Civic Center Way from Webb Way to the condos. This portion of the work may require temporary road closures. However, it is anticipated that this phase of the project will be completed at the end of February 2021.
- Project Schedule: August 2020 through March 2021

Capital Improvement Projects (Completed)

Storm Drain Trash Screens

- Project Description: This project consisted of installing trash screens in City owned catch basins. The proposed trash screens will reduce the amount of trash from being discharged into the ocean.

Dume Drive and Fernhill Drive Speed Humps Project

- Project Description: This project consists of installation of speed humps on Dume Drive and Fernhill Drive from Grayfox Street to Cliffside Drive.

Capital Improvement Projects (Not Started)

Annual Street Maintenance

- Project Description: This project provides for the reconstruction and maintenance of City streets.
- Estimated Schedule:
 - Complete Design: Spring 2021
 - Begin Construction: Summer 2021

Bluffs Park Shade Structure

- Project Description: This project consists of the installation of four single-post shade structures at Malibu Bluffs Park
- Estimated Schedule:
 - Complete Design: Summer 2021
 - Begin Construction: Fall 2021

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.
- Estimated Schedule:
 - Complete Design: Summer 2021
 - Begin Construction: Fall 2021

Malibu Road Slope Repairs

- Project Description: The existing slope adjacent to the beach access stairs at 24712 Malibu Road has been eroded and caused damage to Malibu Road.
- Estimated Schedule:
 - Complete Design: Fall 2021
 - Begin Construction: Winter 2021

Disaster Projects (Design)

Broad Beach Road Water Quality Infrastructure Repairs

- Updates:
 - The project consultant has started the design of the project.
- Project Schedule:
 - Complete Design: Summer 2021
 - Begin Construction: Fall 2021

Latigo Canyon Road Roadway/Retaining Wall Improvements (FEMA/CalOES 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: Spring 2021
 - Begin Construction: Summer 2021

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

- Updates:
 - The project consultant has started the design of this project.
- Project Schedule
 - Complete Design: Summer 2021
 - Begin Construction: Summer/Fall 2021

Trancas Canyon Park Slope Stabilization Project (CalOES Project)

- Updates:
 - The project consultant has started the design of this project.
- Project Schedule
 - Complete Design: Spring 2021
 - Begin Construction: Summer/Fall 2021

Birdview Avenue Improvements (FEMA/CalOES Project)

- Updates:
 - The design of this project has been included in the Malibu Park Drainage Improvements project.
- Project Schedule
 - Complete Design: Spring 2021
 - Begin Construction: Summer 2021

Disaster Projects (Construction)

None at this time

Disaster Projects (Completed)

Guardrail Replacement Citywide (FEMA/CalOES Project)

- Project Description: This project consisted of replacing the damaged guardrail throughout the City as a result of the Woolsey Fire.

Corral Canyon Road Bridge Repairs (FEMA/CalOES Project)

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

Corral Canyon Culvert Repairs (FEMA/CalOES Project)

- Project Description: This project consisted of replacing a portion of Corral Canyon Road that was damaged from a failed storm drain.

Disaster Projects (Not Started)

Clover Heights Storm Drain (FEMA Project)

- Project Description: This project consists of design and construction of a few storm drain 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.
- Estimated Schedule:
 - Complete Design: Spring 2022
 - Begin Construction: Summer 2022

Latigo Canyon Road Culvert Repairs (FEMA/CalOES 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.
- Estimated Schedule:
 - Complete Design: Winter 2021
 - Begin Construction: Spring 2022

Encinal Canyon Road Drainage Improvements (FEMA/CalOES Project)

- Project Description: This project consists of repairing damage storm drain facilities and roadway embankments that were damaged by the Woolsey Fire.
- Estimated Schedule:
 - Complete Design: Winter 2021
 - Begin Construction: Spring 2022

Outdoor Warning Sirens (FEMA)

- Project Description: This project will be funded through a grant from FEMA after the Woolsey Fire. The project consists of hiring a consultant to develop a plan that includes the evaluation of a siren system and possible locations.
- Estimated Schedule:
 - Complete Design: Dependent upon final grant approval from FEMA