

# Beacon's Beach Parking Lot Citizen Participation Plan

March 22, 2022



# Project Background

## Beacon's Beach Parking Lot

- Allows to access the beach
- Parking lot has car and bicycle parking spaces
- Contains benches and fencing to allow residents to view the Ocean

## Recent Studies

- Many Geotechnical Studies
- Bluff Failure Zone
- 2018 City Project (Parking Lot & Stairs)



# Existing Photos





# Proposed Project

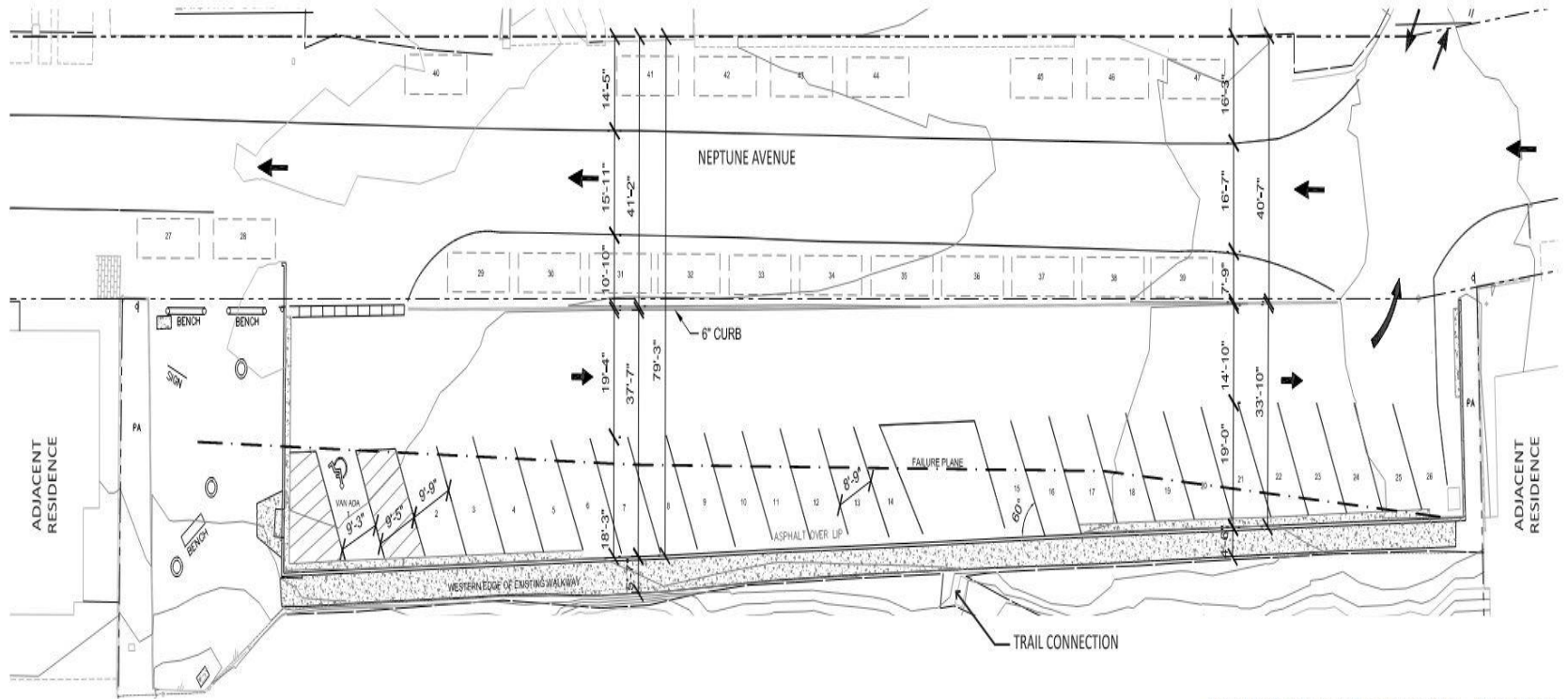
## **Regrade Beacon's Beach Parking Lot**

- **Setback parking spaces out of Bluff Failure Zone**
- **Maintain connection to existing trail**
- **Keep existing pedestrian path on Neptune**

## **Install Deformation Monitoring Equipment**

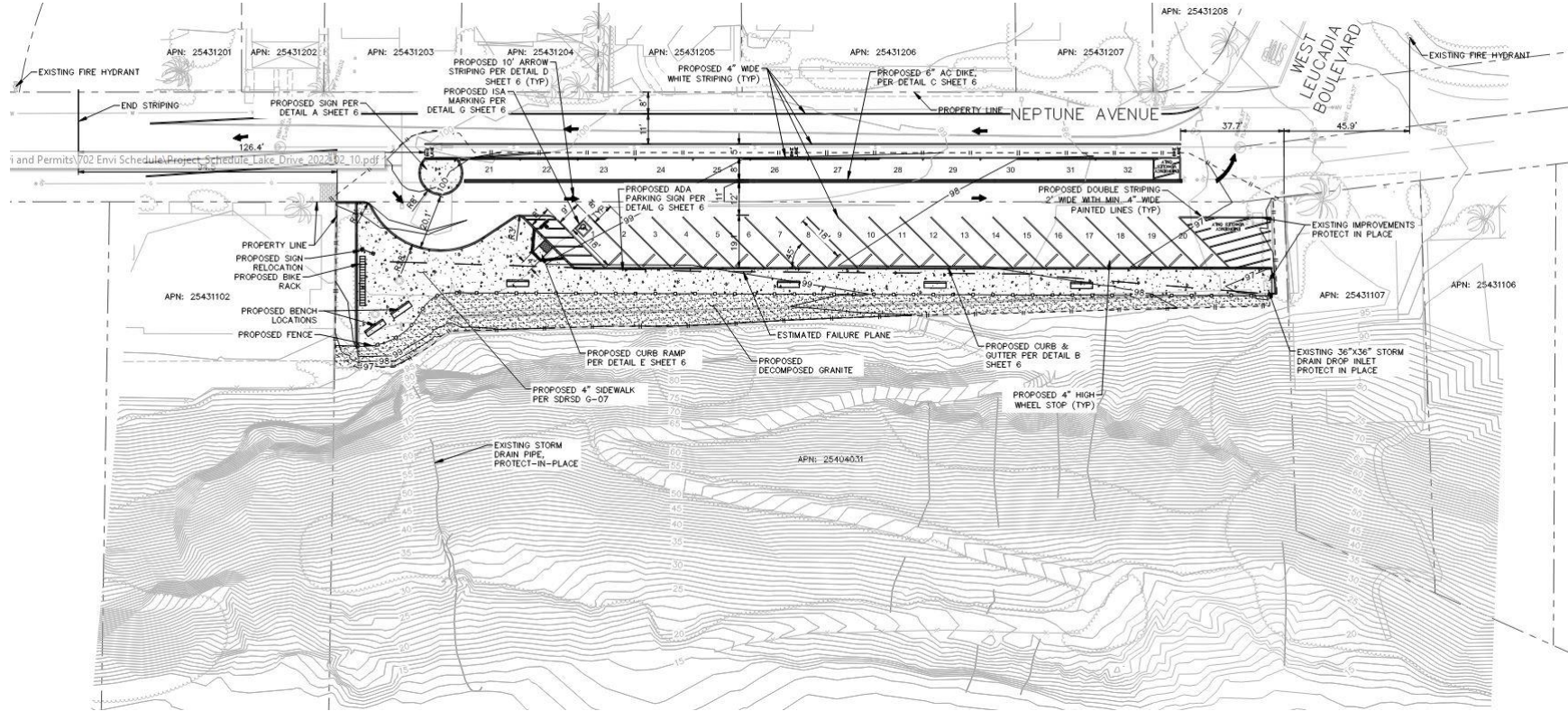
- **Bluff Monitoring Sensors**
- **Electrical Conduit**
- **Electrical Boxes**

# Existing Parking



EXISTING PARKING CONDITION - 47 SPACES

# Proposed Parking Lot Work





# BEACONS COASTAL LANDSLIDE MONITORING

ENCINITAS CPP // MARCH 22, 2022





# PUBLIC SAFETY





# AB 66 – COASTAL LANDSLIDE RESEARCH

Assemblymember Tasha Boerner Horvath, 76th District

3 Year Project

Research for Early Warning System

## 1) Site Specific Monitoring

- Real time
- Beacons
- Del Mar

## 2) Regional Warning Development

- Landslide Database
- Landslide runout
- Profile analysis

## 3) Education and Outreach



# INCREASED MONITORING





# BEACONS ON SITE MONITORING

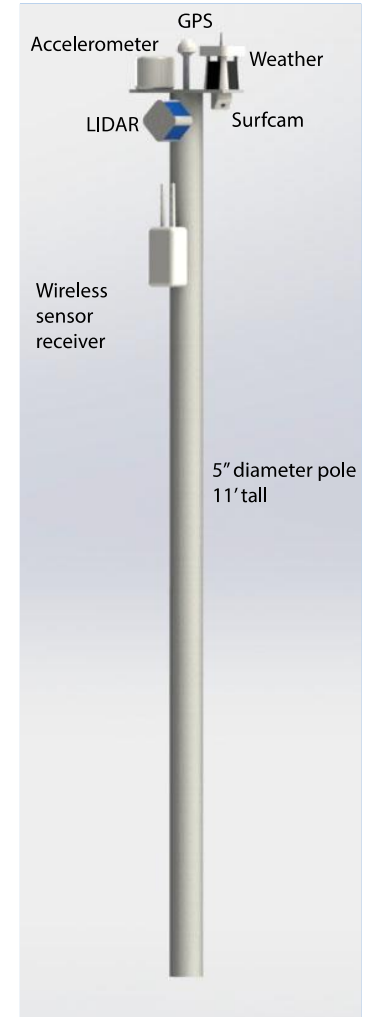


**Underground**  
Strainmeter  
Tiltmeter  
Seismometer  
Soil Moisture  
Groundwater  
Wave Runup  
Benchmarks

**Above Ground**  
Lidar  
GPS  
Video  
Weather Station

**Offshore**  
Waves

# BEACONS ON SITE MONITORING





# Project Coordination

## Agency Coordination

- **City Council Authorized Design & Construction: June 2021**
- **Coastal Commission informed**
- **State Parks owns land, City maintains Lot**
- **Planning Department reviewing and providing conditions**
- **City Coordinating Efforts With Scripps Institution of Oceanography**
- **Citizen Participation Meeting 3-22-2022**
- **SDG&E for Electricity**

# Project Impacts

- **Temporary Restricted Trail Access during Construction**
- **Temporary Reduced Parking during Construction**
- **Permanent Reduction of 7 Parking Spaces**
- **1 Above Ground Electric Box and 1 Antenna**
- **Additional Bike Racks**
- **Additional Benches**



# Project Tentative Schedule

- **CPP Meeting 3-22-2022**
- **Certify MOU with City & Scripps Institution of Oceanography**
- **Finalize Design Package – Summer 2022**
- **Advertise Project - Summer 2022**
- **Construction – Fall 2022**
- **Gather Bluff Data – 3 years after completion**
- **Habitat Restoration of disturbed slope**

# Questions

## **Matt Widelski, PE, QSD**

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