

Meeting #727

CAPISTRANO BAY DISTRICT  
AGENDA REPORT  
*June 2, 2026*

---

*Old Business*

## **ITEM 10a**

### Disaster Preparedness Guidance

Provided here on the following pages are both an extended, more comprehensive outline of a full disaster preparedness plan plus a follow-up with a condensed version.

Both versions are incomplete right now but are provided to give the Board examples of what we can provide to the community in the way of a preparedness guidance.

When a disaster strikes, people are only going to remember the essential guidelines. For example, if we get a tsunami alert, residents need to move to high ground as fast as possible as a first step in protecting themselves and they don't need twelve pages of instructions to read through before taking action.

An in-depth guidance serves a purpose for going into detail of what to do and why and can serve as a useful backup tool for preparing residents when there is time to build your 3-day food and water kit, coordinate with elder neighbors or your out-of-town family members, get that stash of cash in small bills ready, etc.

The condensed version is primarily intended for residents to be able to briefly glance at the guidance to see what first steps are when time is very short for taking action.

And again, we can't stress enough the value in signing up for **AlertOC** mass notification system. This takes the place of the older SONGS community siren/speaker system and is much more effective where the speaker system was plagued by rust, sea air corrosion and failed battery backup and proved to be unreliable.

Go to [www.alertOC.com](http://www.alertOC.com) to sign up.

## Beach Road Disaster Preparedness Guide

---

### EXECUTIVE SUMMARY

#### 1. INTRODUCTION

##### 1.1 Purpose

Provide Beach Road residents with clear, actionable steps to prepare for emergencies, reduce risk to life and property, and maintain safety when outside assistance may be delayed.

##### 1.2 Why Preparedness Matters

Disasters can occur quickly and may isolate the Beach Road community due to limited access.

“Disasters can strike quickly and without warning, sometimes isolating entire neighborhoods. Being prepared saves lives and brings peace of mind.” (or other quote)

##### Critical Reality

During a major disaster, essential systems may fail simultaneously. Residents must be prepared to function independently under the following conditions:

- No access to clean drinking water
- No reliable food supply
- No ability to make phone calls, access the internet or use of credit cards
- No safe or available roadway access
- No functioning sewer or sanitation systems

Residents should be prepared to be self-sufficient for at least 5 days.

##### 1.3 Beach Road Context

###### Geographic Risks

- Coastal exposure
- Bluff and slope collapse

###### Access Constraints

- Limited ingress/egress
- Potential roadway closure

# ITEM 10a

## Emergency Limitations

- Delayed emergency response
- Limited access for first responders
- Security staff evacuated

## Graphic Placement:

[Insert Beach Road hazard + evacuation map]

## 2. HAZARD OVERVIEW AND CASCADING IMPACTS

### 2.1 Primary Hazards

- Earthquakes → See Section 10
- Tsunamis / Coastal flooding → See Sections 11–12
- Bluff collapse → See Section 15
- Mudslides → See Section 15
- Train derailments → See Section 16
- House fires → See Section 14 \*Sections To Be Updated

### 2.2 Events Can Lead To

#### Infrastructure Failure

- Water main failure
- Sewer line collapse/Pump station failure
- Downed power lines
- Gas leaks

#### Communication Failure

- Phone and internet shutdown
- Loss of emergency alerts

#### Access and Isolation

- Roadway/bridge collapse or closure
- Evacuation delays
- Restricted re-entry

#### Public Safety Risks

- Limited emergency services

# ITEM 10a

- Increased vulnerability to crime

## 2.3 System Failure Scenarios (to be expanded)

### If Water is Unavailable

- Use stored emergency water
- Limit usage to essential needs

### If Food is Unavailable

- Use stored non-perishable food

### If Communication Fails

- Use pre-designated meeting locations
- Use radios or alternative systems

### If Roads Are Closed

- Shelter in place
- Evacuate only when safe

### If Sewer Systems Fail

- Use emergency sanitation supplies

### Graphic Placement:

["Preparing makes sense" or other FEMA/ OC graphic ]

## 3. ALERTS, WARNINGS, AND EMERGENCY INFORMATION

### 3.1 Alert Systems

- AlertOC: <https://member.everbridge.net/453003085612394/login>
- CalAlerts: <https://www.calalerts.org>
- Ready.gov: <https://www.ready.gov>
- Cal OES: <https://news.caloes.ca.gov>
- State Response: <https://response.ca.gov>
- MyShake: <https://myshake.berkeley.edu>
- Dial 2-1-1
- City of Dana Point

### 3.2 Notification Types

# ITEM 10a

- Evacuation Warning
- Evacuation Order
- Shelter-in-Place

## 3.3 Receiving Alerts Without Power

- Battery-powered radio
- Satellite phone
- Car radio
- Community notifications

### Graphic Placement:

[Insert Different Types of Radio Systems/ Phones]

## 4. COMMUNITY PREPAREDNESS APPROACH

### 4.1 Neighbors Helping Neighbors

- Exchange contact information
- Identify residents needing assistance
- Coordinate response plans

### [INSERT CALLOUT BOX]

“Your neighbors may be your first responders”, Include a checklist of key information to know about your neighbors.

## 5. VULNERABLE POPULATIONS

### 5.1 At-Risk Groups

- Older adults
- People with disabilities
- Medical-dependent individuals
- Children
- Pet owners

### 5.2 Planning Considerations

#### Medical Needs

- Backup medications
- Power for equipment

#### Mobility Needs

# ITEM 10a

- Evacuation assistance
- Transportation plans

## **Pet Planning**

- Include pets in food and water planning
- Prepare pet evacuation kits

Resources:

- <https://www.ready.gov/pets>
- <https://www.ocpetinfo.com/education-resources/disaster-preparedness>

## **6. COMMUNICATION PLANNING**

### **6.1 Challenges**

- Networks may fail
- Emergency responders have priority

### **6.2 Household Communication Plan**

- Out-of-area contact
- Meeting locations
- Printed contact list

### **Graphic Placement:**

[Insert Family Communication Plan Template]

### **6.3 Backup Communication**

- Radios
- Satellite devices
- Car radio

## **7. FIVE CORE PREPAREDNESS STEPS**

### **Step 1 – Communication Plan**

See Section 6.

### **Step 2 – Water Supply (5+ Days)**

# ITEM 10a

- Minimum 1 gallon per person per day

## [INSERT VISUAL CALLOUT]

“You can survive weeks without food, but only days without water.” (or similar)

### Step 3 – Food Supply

- Non-perishable
- No refrigeration

### Step 4 – First Aid Kit

- Bandages
- Medications
- Emergency tools

### Step 5 – 72-Hour Go Kit

- Food, water, supplies
- Documents
- Clothing

Resource:

<https://www.ready.gov/kit>

### Graphic Placement:

[Insert Emergency Supply List / Go-Bag Grid]

## 8. EVACUATION AND SHELTER PLANNING

### 8.1 Evacuation Risks

- Limited access routes
- Road closures
- Re-entry restrictions

### 8.2 Evacuation Planning

- Know multiple routes
- Keep gas tank full
- Leave early

### 8.3 Shelter-in-Place

# ITEM 10a

- Stay indoors
- Prepare for extended isolation

Resource:

<https://www.ready.gov/plan>

## **Graphic Placement:**

[Have an Evacuation Plan Graphic]

## **9. HOUSEHOLD EMERGENCY SUPPLIES**

- Water: <https://www.ready.gov/water>
- Food: <https://www.ready.gov/food>
- Medical supplies
- Lighting
- Cash
- Documents

## **Graphic Placement:**

[Insert Supply Checklist Grid]

## **10. EARTHQUAKES**

### **Can Lead To:**

- Structural damage
- Utility failure
- Fires
- Secondary hazards

Resource:

<https://www.ready.gov/earthquakes>

## **11. FLOODING AND COASTAL INUNDATION**

### **11.1 Risks**

- Property damage
- Roadway flooding
- Isolation
- Contaminated water

# ITEM 10a

## 11.2 Flood Zone Awareness

- Understand FEMA flood zones
- Know Base Flood Elevation (BFE)

## 11.3 Flood Preparedness

- Elevate utilities
- Improve drainage

## 11.4 Flood Insurance

- Not covered by standard homeowners insurance
- Separate policy required (NFIP or private)
- 30-day waiting period (some exceptions)
- Required in FEMA flood zones (SFHA) with federally backed loans
- Rates based on flood zone, elevation, and building type
- Elevation Certificate may be required to determine premiums

Resources:

- <https://www.floodsmart.gov>
- <https://www.floodsmart.gov/find>
- <https://www.ready.gov/floods>

## Graphic Placement:

[Include a Prepare Your Home Graphic]

## 11.5 Mitigation Strategies

- Structural elevation
- Drainage improvements
- Slope stabilization

## 12. TSUNAMIS

### Warning Signs

- Strong earthquake
- Sudden water retreat

### Response

# ITEM 10a

- Move to high ground immediately

Resource:

<https://www.ready.gov/tsunamis>

## 13. COASTAL STORMS AND SEVERE WEATHER

### Impacts

- Flooding
- Power outages
- Erosion

Resource:

<https://www.ready.gov/hurricanes>

## 14. FIRE

### Beach Road Considerations

- Early notification apps like Watch Duty
- Limited access may delay response
- Early evacuation is critical
- Ensure visible addressing
- OCFA toolkit and preparedness guidelines

Resources:

- <https://www.ocpublicworks.com/how-do-i/learn-about/fire-and-emergency-information>
- [https://ocfa.org/documents/?\\_document\\_categories=home-assessment%2Cready-set-go](https://ocfa.org/documents/?_document_categories=home-assessment%2Cready-set-go)
- <https://ocfa.org/safety-programs/smoke-alarm-home-escape-plan/>
- <https://www.ready.gov/home-fires>

### Graphic Placement:

[OCFA Disaster Supply Kit]

## 15. ADDITIONAL HAZARDS

### Mudslides / Landslides

- Monitor slopes
- Avoid unstable areas

# ITEM 10a

## Train Incidents

- Follow official guidance

## 16. SAFETY DURING AND AFTER DISASTER

### During

- Follow official instructions
- Prioritize life safety

### After

- Check neighbors
- Avoid hazards
- Document damage

### Critical:

- Verify responders before allowing entry

### Graphic Placement:

[Disaster Distress Helpline (mental health)]

## 17. FINANCIAL AND DOCUMENT PREPAREDNESS

- Store documents securely
- Maintain backups
- Photograph belongings
- Disaster Assistance

## 18. RESOURCES

- FEMA: <https://www.fema.gov>
- Ready.gov: <https://www.ready.gov>
- Red Cross: <https://www.redcross.org>
- Cal OES: <https://www.caloes.ca.gov>
- AlertOC: <https://member.everbridge.net/453003085612394/login>
- FloodSmart: <https://www.floodsmart.gov>
- MyShake: <https://myshake.berkeley.edu>
- Food: <https://ocfoodhelp.org/>
- Housing: <https://www.ochousing.org/>
- Wi-Fi: <https://www.xfinity.com/learn/internet-service/wifi>

# ITEM 10a

- Unemployment: <https://edd.ca.gov/Unemployment/>

## 19. APPENDICES

- Emergency contact sheet
- Communication plan template
- Go-bag checklist
- Evacuation checklist
- Medical information form
- Beach Road map

Additional resource:

<https://ocsheriff.gov/commands-divisions/investigations-special-operations-command/emergency-management/resources-after>

**June 2026**



# **Beach Road District Disaster Preparedness**

Guide Comprehensive Preparedness Guide for Residents

# BEACH ROAD EMERGENCY PREPAREDNESS

This guide provides Beach Road residents with practical steps to prepare for disasters. Vulnerable due to its coastal location and single access route, the community faces risks from earthquakes, flooding, and bluff instability. Households should prepare to be self-sufficient for at least five days.



## 5 DAYS

Households should be prepared to remain self-sufficient for at least 5 days.



## COASTAL HAZARDS

Beach Road faces flooding, storms, and bluff instability risks.



## PRIMARY RISKS

Earthquakes, flooding, and mudslides.



## EVACUATION

Limited access via a single primary route.



### Key Preparation Steps

## PLAN

Develop communication and evacuation plans for your household.



**SUPPLIES** Maintain emergency kits with food, water, and medicine.



## STAY INFORMED

Monitor weather alerts and community response updates.



## COMMUNITY

Coordinate with neighbors and participate in CERT training.



## BE PREPARED

This guide helps residents prepare, respond, and recover more effectively.

**Stay safe and resilient.** For more info, visit ReadyOC, the Orange County Fire Authority (OCFA), the Orange County Sheriff's Department, the City of Dana Point, Federal Emergency Management Agency (FEMA), California Governor's Office of Emergency Services (Cal OES), Ready.gov, and NOAA Weather Services.

# HAZARD OVERVIEW & CASCADING IMPACTS



## PRIMARY HAZARDS

Beach Road faces significant risks from earthquakes, coastal flooding, and bluff instability.



## Earthquakes

May damage infrastructure and utilities.



## Flooding

Affects homes and shoreline access.



## Fires

Structure fires and wildfire smoke.



Bluff Instability

## Erosion

Creates roadway blockages or property impacts.



## CASCADING

Events trigger secondary problems that delay recovery.



## Outage

Affects refrigeration, meds, fuel, and internet access.

Table 1: Hazard Score and Threat Level

Hazard	Probability (2.0)	Impact (2.0)			Final Score	Threat Level
		Location (0.8)	Primary Impact (0.7)	Secondary Impact (0.5)		
Earthquake	4 (Highly Likely)	4 (Extensive)	4 (Extreme)	4 (High)	48	High
Floods	3 (Likely)	4 (Extensive)	3 (Severe)	3 (Moderate)	30	Medium
Severe Weather	3 (Likely)	4 (Extensive)	3 (Severe)	3 (Moderate)	30	Medium
Tsunami	3 (Likely)	3 (Significant)	4 (Extreme)	4 (High)	33	Medium
Wildfire	3 (Likely)	3 (Significant)	3 (Severe)	3 (Moderate)	27	Medium
Hazmat Release (Significant Event)	2 (Occasional)	1 (Negligible)	2 (Moderate)	3 (Moderate)	12	Low
Radiological Release	1 (Unlikely)	4 (Extensive)	4 (Extreme)	4 (High)	12	Low



## SYSTEM FAILURES

Prepare for loss of water, sewer, phone, and deliveries.