STORM PREPAREDNESS

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Contra Costa County Public Works and the Contra Costa County Flood Control and Water Conservation District (Public Works) encourage residents to ***prepare for storm events*** to minimize risks during the rainy season. Historical storm events have caused severe rains and winds resulting in mudslides, downed trees, flooding, and property damage.

This presentation contains information pertaining to:

- Drainage Responsibilities
- Public Works Preparation
- Available Resources

Drainage Responsibilities

- Drainage responsibility is generally that of the property owner.

- Each property owner must act reasonably to accept water flowing onto their property and allow water to leave their property without causing damage to adjacent property (County Ordinance "collect and convey" requirements[1]). Also California Drainage Law cases.

- In Contra Costa County, drainage responsibilities belong to the following:

  - Private property owners
  - County Public Works
  - Flood Control District
  - Local Jurisdictions

[1] Title 10, Section 1010 for Drainage: https://library.municode.com/ca/contra_costa_county/codes/ordinance_code

Drainage Responsibilities

Privately Maintained

Public Works Maintained

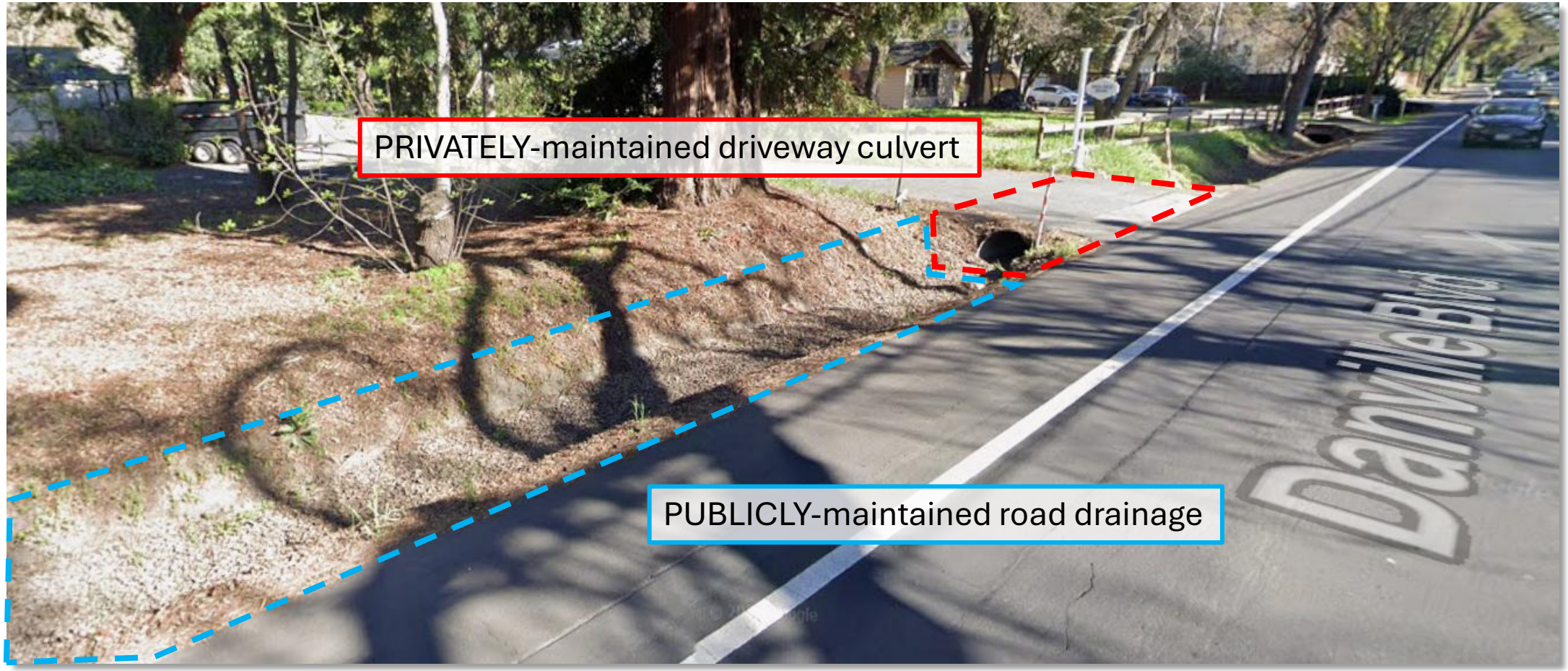
Flood Control Maintained

Drainage Responsibilities

PRIVATE	COUNTY PUBLIC WORKS	FLOOD CONTROL DISTRICT
• On private property including single family homes and HOA common areas • Storm drain lines, drains, inlets, and drainage ditches • Driveway culverts even if within road right-of-way • Approximately 1,225 miles of creeks are on private property	• On public property in the unincorporated County • Roadside drainage (often ditches, storm drain lines and inlets, and cross culverts) within public road right of way • County maintains approximately 650 miles of roads	• On FCD property throughout the County including incorporated areas * • Regional facilities owned or accepted by FCD • Approximately 79 miles of improved channels and 30 detention basins and dams

***Local Jurisdictions –** Although FCD has facilities within incorporated areas, Cities and Towns in Contra Costa County also have responsibility in their respective jurisdictions and may have additional resources and information regarding storm preparedness. Contact local agencies for more information on preparing for storms and for specific drainage inquiries within their jurisdictions.

Drainage Responsibilities



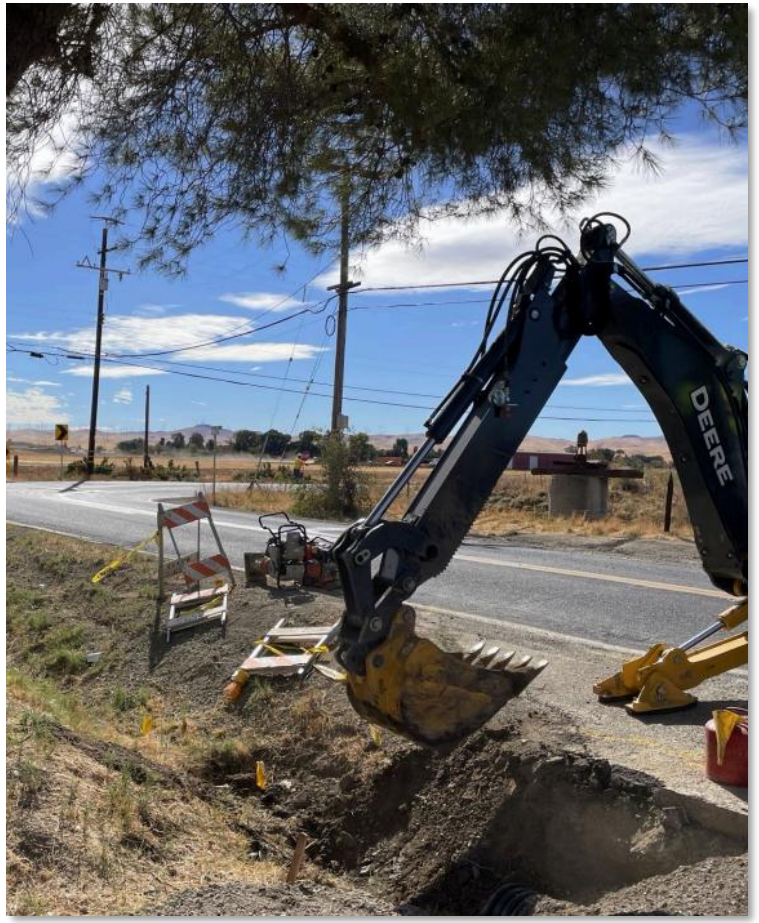
The County considers driveway culverts to private properties as private improvements as they typically provide a singular or primary benefit to the private property owner. Driveway culverts must be maintained by private property owners to ensure they do not obstruct drainage.

Public Works Preparation

Throughout each year, Public Works performs routine maintenance to keep drainage facilities in optimal working condition, including, but not limited to, the following activities:

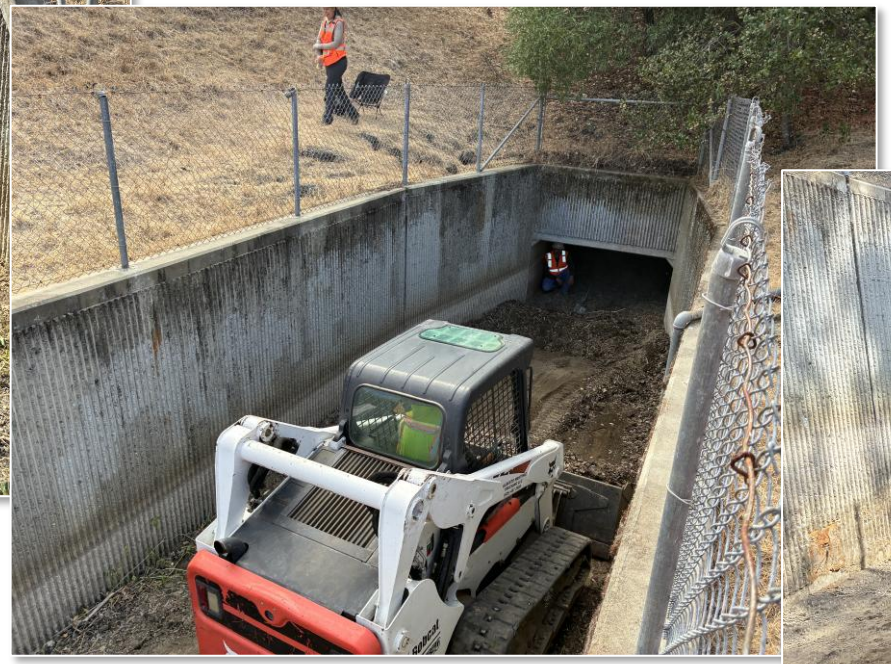
- Culvert inspections
- Culvert cleaning
- Removal of obstructions
- Vegetation trimming
- Bank stabilization
- Preparing and servicing equipment for use during storms
- Continual monitoring of weather forecasts
- Coordination with emergency services and responders
- Storm Patrol during rains

Public Works Preparation



Public Works Preparation

Kubicek Basin



Public Works Preparation

Grayson and Walnut Creek Levee Improvement

Public Works Preparation

Grayson Creek Desilt

Public Works Preparation

County Ditch West of Airport

Recent Storm-Damage Work

Wildcat Canyon Road

Recent Storm-Damage Work

Rodeo Creek

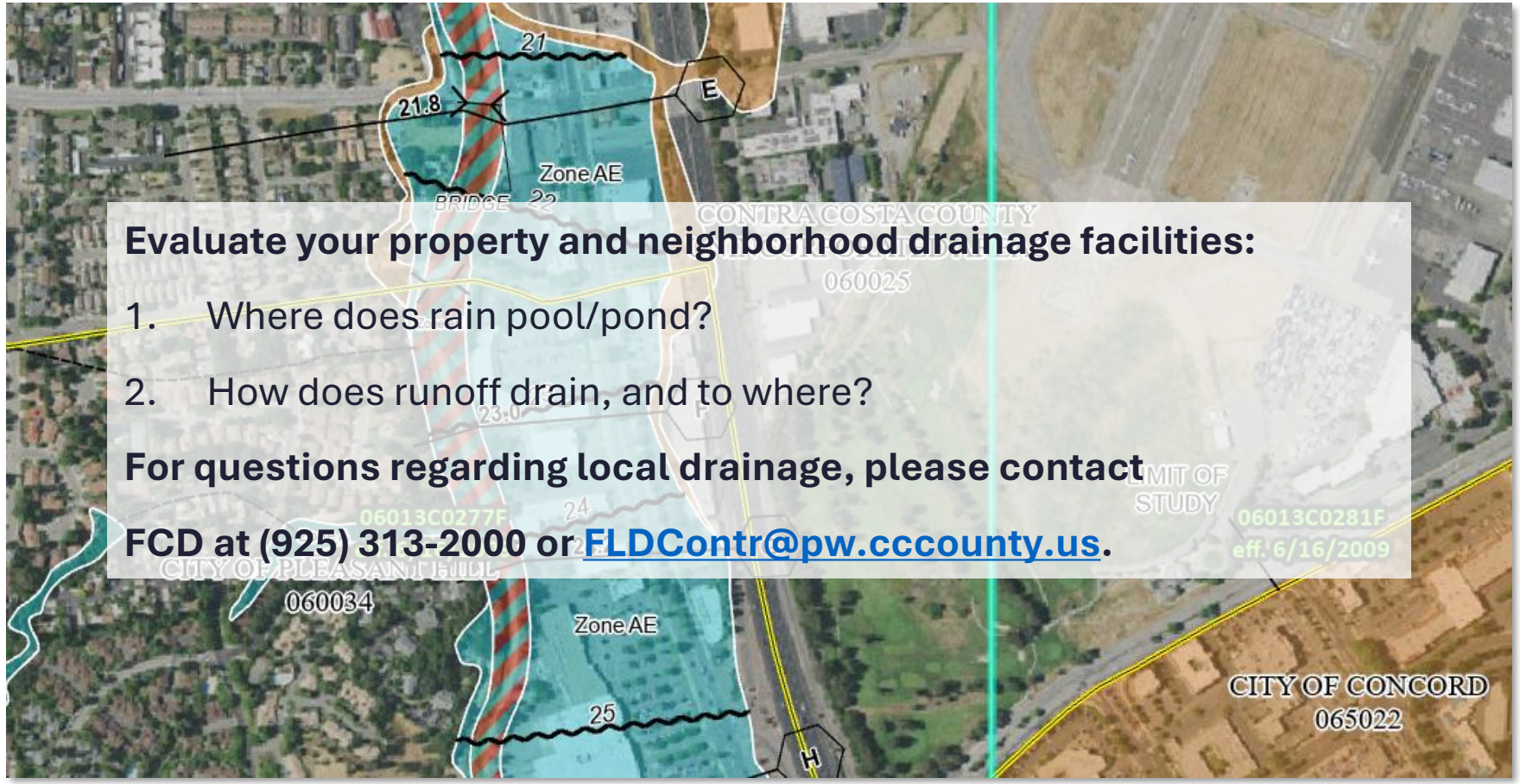
Recent Storm-Damage Work

Bethel Island Road

Recent Storm-Damage Work

Piper Road

Resources Available and Tips on Protecting Private Property



Evaluate your property and neighborhood drainage facilities:

1. Where does rain pool/pond?
2. How does runoff drain, and to where?

For questions regarding local drainage, please contact FCD at (925) 313-2000 or FLDContr@pw.cccounty.us.

In addition, visit the following webpage contracosta.ca.gov/FloodplainProgram for additional information on the Federal Emergency Management Agency (FEMA) Floodplain Management Program and to determine whether your property is in a FEMA Flood Zone.

Resources Available

Flood Forecasting

Knowing how to forecast flooding will help you prepare. Rainfall criteria can help warn us when flooding is more likely to occur. Learn about flood forecasting at contracosta.ca.gov/FloodForecast and remember ***7532Flood!***

7 inches - Season's Rainfall (season starts July 1st)

5 inches - 30 Day Rainfall

3 inches - 7 Day Rainfall

Critical Rainfall Forecast:

2 inches – 24 Hour Rainfall

Resources Available

Every property is different – Every storm is different – Your preparation may differ from your neighbor

General Guidance for Most Property Owners

1. Inspect and clean your drainage facilities
2. Clean gutters
3. Clear leaves from drains and inlets
4. Clear obstructions from pipes, ditches, and driveway culverts
5. Watch the Contra Costa County Storm Preparation Video for safety tips, tools, and resources: https://www.youtube.com/watch?v=lwUaqBQffL4

If you live near a creek, take special precautions.

Find out more about private creeks at contracosta.ca.gov/PrivateCreeks

Sandbag Stations

Sandbag Stations

Ambrose Community Center- 3105 Willow Pass Rd, Bay Point Open M - F, 7 AM - 9 PM
Bring a shovel. Bags are located in a large green plastic trash bin on the west side of parking lot next to the fence line about 3/4 of the way back to the playing field.

Byron Airport- 500 Eagle Court, Byron, Open 24 hours, 7 days a week
Bring a shovel. Bags are located in front of the pump house near the flag pole.

County Public Works-2475 Waterbird Way, Martinez Open 24 hours, 7 days a week
Bring a shovel. Bags are in a large gray plastic trash bin located at the parking stall north of the fueling station. Nearest cross street is Imhoff Drive.

Howe Homestead - 2950 Walnut Blvd, Walnut Creek Open 24 hours, 7 days a week
Bring a shovel. Bags and sand located in the parking lot.

Knightsen Farm Bureau/County Agriculture-3020 Second Street, Knightsen Open 24 hours, 7 days a week. Bring a shovel. Bags and sand are located at the north end of the parking lot next to the building.

West County Detention Facility-5555 Giant Highway, Richmond Open 24 hours, 7 days a week. Bring a shovel. Bags are in a large gray plastic trash bin. The sand cradle is on the south side of the facility parking area.

contracosta.ca.gov/Sandbags

Reporting Issues

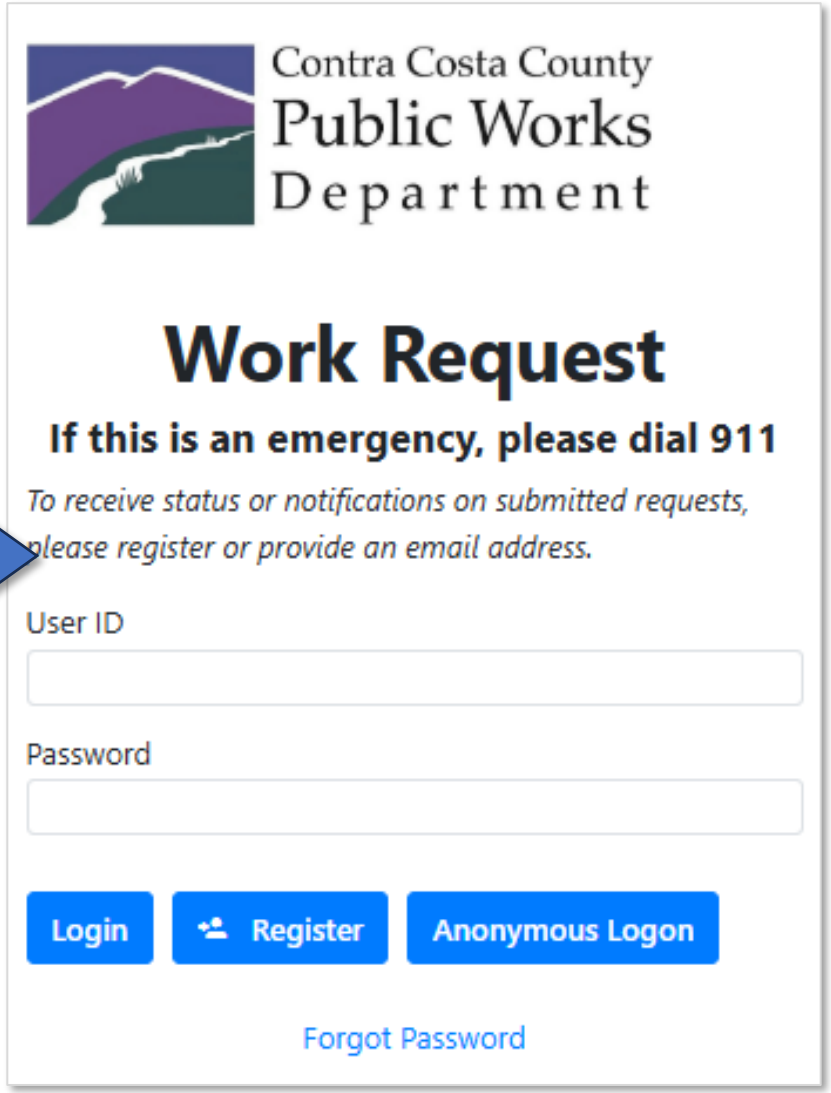
If you see something that could become a flood hazard, road or channel obstructions, please notify the County Public Works Department right away.

- **Online:** Use the Customer Portal from any web browser to submit a request and track its status.
- **Mobile App:** Submit a request from your mobile device using the Mobile Citizen app.
- **Email:** admin@pw.cccounty.us
- **Phone:** (925) 313-2000 | TTY: 711
- **Emergency After-Hours Issues**: (925) 646-2441 | TTY: 711

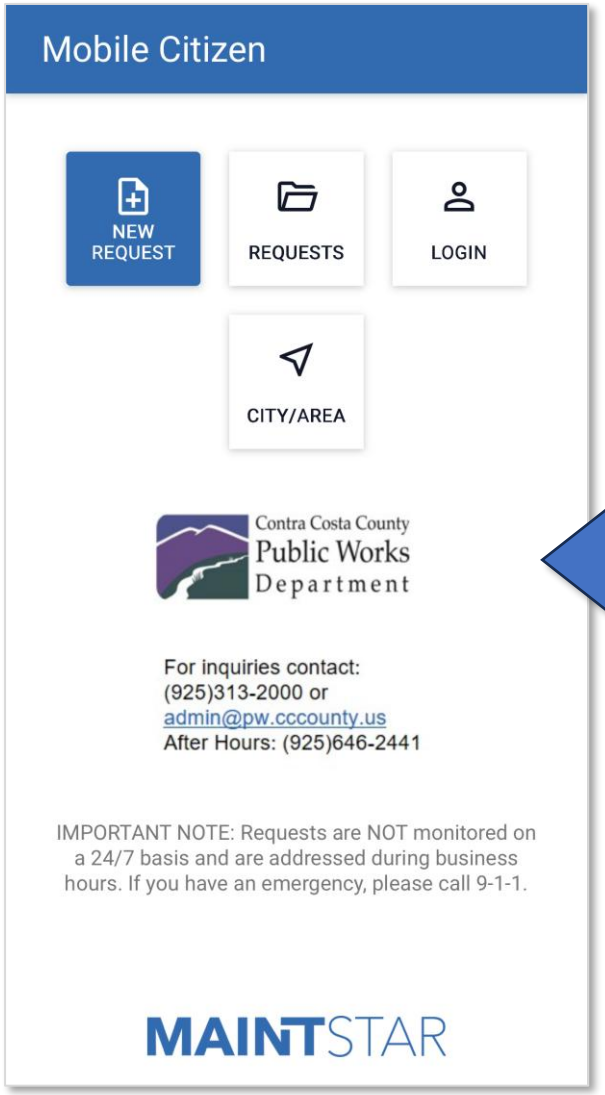
Visit contracosta.ca.gov/RequestServices for more information.

Reporting Issues

ONLINE



MOBILE DEVICE



Reporting Issues

For all emergency situations, ***CALL 911***. If you see a person in floodwater, do not try to rescue them yourself as entering floodwater can be dangerous.

STAY OUT, STAY ALIVE!

DO NOT remove blockages or obstructions during an active flooding event as floodwater can be dangerous and should not be entered. Call the Public Works Department.

In Conclusion

For additional information, please visit the following link:

https://www.contracosta.ca.gov/StormPreparedness