

# SKUNK CREEK FLOOD RESPONSE PLAN



August 2001

Skunk Creek  
Watercourse Master Plan

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# SKUNK CREEK FLOOD RESPONSE PLAN

## Flood Warning System (FWS) Components

An effective flood warning system combines several vital elements. The first element is the ability to detect and evaluate a flood threat in its early stages and make a decision to warn the public before flood damages or personal injuries occur. The second element is the dissemination of the warning to the public at risk. The third element is the public response to the warning. The fourth element is the post-flood action plan. The following is a brief description of each of these components relative to the Skunk Creek FWS.

### Flood Detection

The earliest recognition of a potential flood threat for the Skunk Creek basin will be the forecast products available from the Flood Control District of Maricopa County (FCDMC or District) and the National Weather Service (NWS). The Precipitation Outlook (PO) forecast provided by the FCDMC Meteorological Services Program (MSP) provides an initial daily assessment of the flooding potential of the atmosphere and a basin-specific Quantitative Precipitation Forecast (QPF). The MSP also provides, via broadcast fax, a series of flood alert messages of increasing severity and urgency to agencies participating in the program. The MSP service supplements standard NWS forecast products, and the flash flood watch and flash flood warning messages issued by the NWS. MSP forecasts and messages are more site-specific to the Skunk Creek watershed. District MSP messages are coordinated with the NWS Weather Forecast Office at Phoenix. Depending on staffing and personnel assigned by the District, FCDMC flood alert messages and NWS flash flood watches and flash flood warnings could be issued in an agreed upon sequence to residents in areas impacted by flooding along Skunk Creek.

The automated rain gages and stream gages in the Skunk Creek basin and adjacent watersheds transmit rainfall data and real-time streamflow measurements to District personnel and the NWS. The effectiveness of the Skunk Creek FWS is highly dependent upon adequate rainfall and streamflow data collected by the sensors comprising the flood detection network for the Skunk Creek watershed. Therefore, one new stream gage and three new rain gages are scheduled to be installed to supplement the existing rain and streamflow gages on Skunk Creek near New River (#5580 and #5583, respectively). The new stream gage is planned on Cline Creek, a major tributary that joins Skunk Creek, downstream of the existing stream gage. In addition, a new rain gage will be co-located at this site. One new rain gage is planned for each of the upper watersheds of Skunk and Cline Creeks. These new gages should substantially improve the hydrologic data available for the District to support decisions concerning road closures and can trigger the flood response plan action protocols based upon pre-determined flood detection criteria and sensor threshold alarms.

### Information Dissemination

An interim program to disseminate flood warning messages to the public and to emergency response agencies is recommended to the District, and could be accomplished using NOAA weather radios and pagers. Notification via multiple paths is provided for redundancy and robustness of the FWS. The NWS will issue warning messages to the public via:

- Emergency Alert System (EAS) - The system consists of radio and television broadcast stations in the Phoenix operational area responsible for disseminating emergency information and warnings to the public. EAS broadcasts by commercial media are voluntary, but experience shows that the stations regularly transmit NWS messages.
- NOAA Weather Radio (NWR) - NWS issues flash flood watch and flash flood warning messages via NOAA Weather Radio according to standard protocol using tone alarms followed by voice messages.

The District's program could then send text flood alert messages via pager to residents in the Skunk Creek floodway and Severe Erosion Hazard Zone, as appropriate. The District's flood alert messages would be sequenced with the NWS flash flood watch and flash flood warning message suite.

## Emergency Flood Response

Once a potentially hazardous flood event is detected and this information is communicated to appropriate agencies and affected individual parties, those entities would implement emergency response activities. The recommended response component of the FWS for the Skunk Creek area consists of three primary components:

- Flood Response Plan Field Book - The FRP Field Book contains a description of the components of the flood warning system, flood detection criteria, warning message sequence and content, communication flowchart, effective lead times, agency action plans, resident FRP menus, contact information, and other pertinent emergency information.
- Flood Response Plan Menus - The FRP menus include identified potential trouble areas in the flood vulnerable zones, the flood warning messages which trigger each level of emergency response activities, and stepped action plans listing emergency actions required by the affected residents in the warning area. The menus also include aerial photographs showing evacuation routes and destination sites. The menus are intended for use by the individual residents in the Skunk Creek warning area within the floodway and Severe Erosion Hazard Zone.
- Technical Memorandum - The Technical Memorandum is intended for use by District Flood Warning Branch and Meteorological Services Program (MSP) personnel to support decisions regarding dissemination of flood alert messages and implementation of the flood response action plans during flood events in the Skunk Creek watershed.

★ **NOTE:** ★  
THE USER SHOULD READ THE ENTIRE FRP CAREFULLY AND SHOULD BE AWARE OF ALL ELEMENTS OF THIS PLAN, INCLUDING STRENGTHS AND WEAKNESSES, AND INDIVIDUAL RESPONSIBILITIES. THE FLOOD WARNING/RESPONSE PLAN PRESENTED HEREIN, AND IN THE FIELD BOOK, IS USEFUL AS ONE STEP IN DEVELOPING A FLOOD WARNING SYSTEM FOR THE RESIDENTS WITHIN THE SKUNK CREEK WARNING AREA. HOWEVER, THE POSSIBILITY OF INADVERTENT ERROR IN DESIGN OR FAILURE OF EQUIPMENT TO FUNCTION EXISTS AND MAY PREVENT THE SYSTEM FROM OPERATING PERFECTLY AT ALL TIMES. THEREFORE, NOTHING CONTAINED HEREIN MAY BE CONSTRUED AS A GUARANTEE OF THE SYSTEM OR ITS OPERATION, OR CREATE ANY LIABILITY ON THE PART OF ANY PARTY OR ITS DIRECTORS, OFFICERS, EMPLOYEES OR AGENTS FOR ANY DAMAGE THAT MAY BE ALLEGED TO RESULT FROM THE OPERATION, OR FAILURE TO OPERATE, OF THE SYSTEM OR ANY OF ITS COMPONENT PARTS. THIS CONSTITUTES NOTICE TO ANY AND ALL PERSONS OR PARTIES THAT THE NATIONAL WEATHER SERVICE, FLOOD CONTROL DISTRICT OF MARICOPA COUNTY, MARICOPA DEPARTMENT OF EMERGENCY MANAGEMENT, MARICOPA COUNTY SHERIFF'S OFFICE, DAISY MOUNTAIN FIRE DEPARTMENT, RURAL METRO FIRE DEPARTMENT, TETRA TECH, INC., AND JE FULLER/HYDROLOGY & GEOMORPHOLOGY, INC. OR ANY OFFICER, AGENT OR EMPLOYEE THEREOF, SHALL NOT BE LIABLE FOR ANY DEATHS, INJURIES, OR DAMAGES OF WHAT EVER KIND THAT MAY RESULT FROM RELIANCE ON THE TERMS AND CONDITIONS OF THIS SYSTEM. ★



# SKUNK CREEK FLOOD RESPONSE PLAN

## FLOOD DETECTION CRITERIA

Flood detection criteria were developed based upon the results of the hydrologic and hydraulic analyses and the assumption that the additional gages are installed as proposed. The detection criteria are based upon the rainfall intensities required to produce the critical threshold stages or discharges that inundate at-grade crossings at impassable levels and/or reach the finished floor elevations of the floodway structures. These criteria are recommended for use by the District and NWS to disseminate flood warning messages to the residents in the warning area and to appropriate emergency response agencies, thereby triggering implementation of the FRP action plans. The table below summarizes the detection criteria for each level of flood alert in the warning suite.

The table to the right presents the message sequence, source agency, communication means, message content, and corresponding rainfall/runoff condition status. The flood detection criteria trigger the progression of the message sequence to increasing or decreasing levels of alert as evolving flood conditions warrant. The emergency action plans of the Skunk Creek FRP for individual residents of the Skunk Creek warning area and by participating agencies are described in Section 6.5 of the Technical Memorandum. The implementation of those action plans is linked directly to the dissemination of the various flood alert messages (table right) as triggered by the flood detection criteria (table below)

## WARNING SEQUENCE

MESSAGE SEQUENCE	SOURCE AGENCY/ COMMUNICATION MEANS	MESSAGE CONTENT (effective times)	FLOOD CONDITION STATUS
NWS FFA	National Weather Service NOAA Weather Radio (Voice message, tone alarm optional) Commercial radio and/or TV	National Weather Service Flash Flood Watch (begin time/end time)	→ Flash flooding possible in north central Maricopa County, including Skunk Creek or Cline Creek
FCDMC 1	Flood Control District of Maricopa County/ Pager	Skunk Creek Message 1 Weather Alert (begin time/end time)	→ Flash flooding is possible in north-central Maricopa County, especially in the upper Skunk Creek and Cline Creek areas
FCDMC 2	Flood Control District of Maricopa County/ Pager	Skunk Creek Message 2 Flash Flood Alert (begin time/end time)	→ Heavy rainfall detected in the Upper Skunk Creek or Cline Creek watersheds → Moderate flow volumes detected by stream gages → Potential for life-threatening flooding exists
NWS FFW	National Weather Service NOAA Weather Radio (Tone alarm followed by voice message) Commercial radio and/or TV	National Weather Service Flash Flood Warning (begin time/end time)	→ Flash flooding is imminent or occurring in north-central Maricopa County, including Skunk Creek or Cline Creek
FCDMC 3	Flood Control District of Maricopa County/ Pager	Skunk Creek Message 3 Severe Flood Warning (effective time/all clear)	→ Extreme rainfall detected in the Upper Skunk Creek or Cline Creek watersheds → Critical flow volumes detected by stream gages → Severe flash flooding is imminent or occurring → Many or all roadway crossings in the area are impassable
FCDMC 4	Flood Control District of Maricopa County/ Pager	Skunk Creek Message 4 All Clear (effective time)	→ Floods on Skunk Creek and Cline Creek have dropped below critical levels → Potential for additional extreme flooding is minimal

## FLOOD DETECTION CRITERIA

Group	Warning Message	Rainfall Depth (in)	Rainfall Duration (hours)	Rainfall Depth (in)	Rainfall Duration (hours)	Discharge at 5588 (cfs)	Discharge at 5583 (cfs)	Critical Discharge (cfs)
Zorrillo Drive (S13C)	1	1.00	2.5	1.50	5.0	-----	-----	4,400
	2	1.65	2.5	2.25	5.0	1,300	-----	
	3	-----	-----	-----	-----	2,000	-----	
Cline Creek (CCC)	1	1.00	2.5	1.50	5.0	-----	-----	10,600
	2	2.22	2.5	3.30	5.0	-----	4,700	
	3	-----	-----	-----	-----	-----	7,000	
Honda Bow (SC-CC)	1	1.00	2.5	1.50	5.0	-----	-----	8,000
	2	1.48	2.5	1.92	5.0	1,300 or 4,700	-----	
	3	-----	-----	-----	-----	(1,500 and 2,400) or 5,500	-----	
Desert Hills (S16C)	1	1.00	2.5	1.50	5.0	-----	-----	9,000
	2	1.45	2.5	1.87	5.0	1,300 or 4,700	-----	
	3	-----	-----	-----	-----	(1,600 and 3,000) or 6,000	-----	



# SKUNK CREEK FLOOD RESPONSE PLAN

## COMMUNICATIONS SCHEMATIC

The flow of information and communications in the FRP among personnel within participating agencies will be by normal methods now in operation. Maricopa County Department of Emergency Management (MCDEM) is the central contact for all communications concerning the Skunk Creek watershed. FCDMC and NWS are responsible for relaying weather and flood information to other participating agencies and to the public, most importantly, the Skunk Creek residents in the flood warning area. During emergency operations, personnel from one agency wishing to communicate with personnel from another agency should follow their own jurisdiction's incident command system.

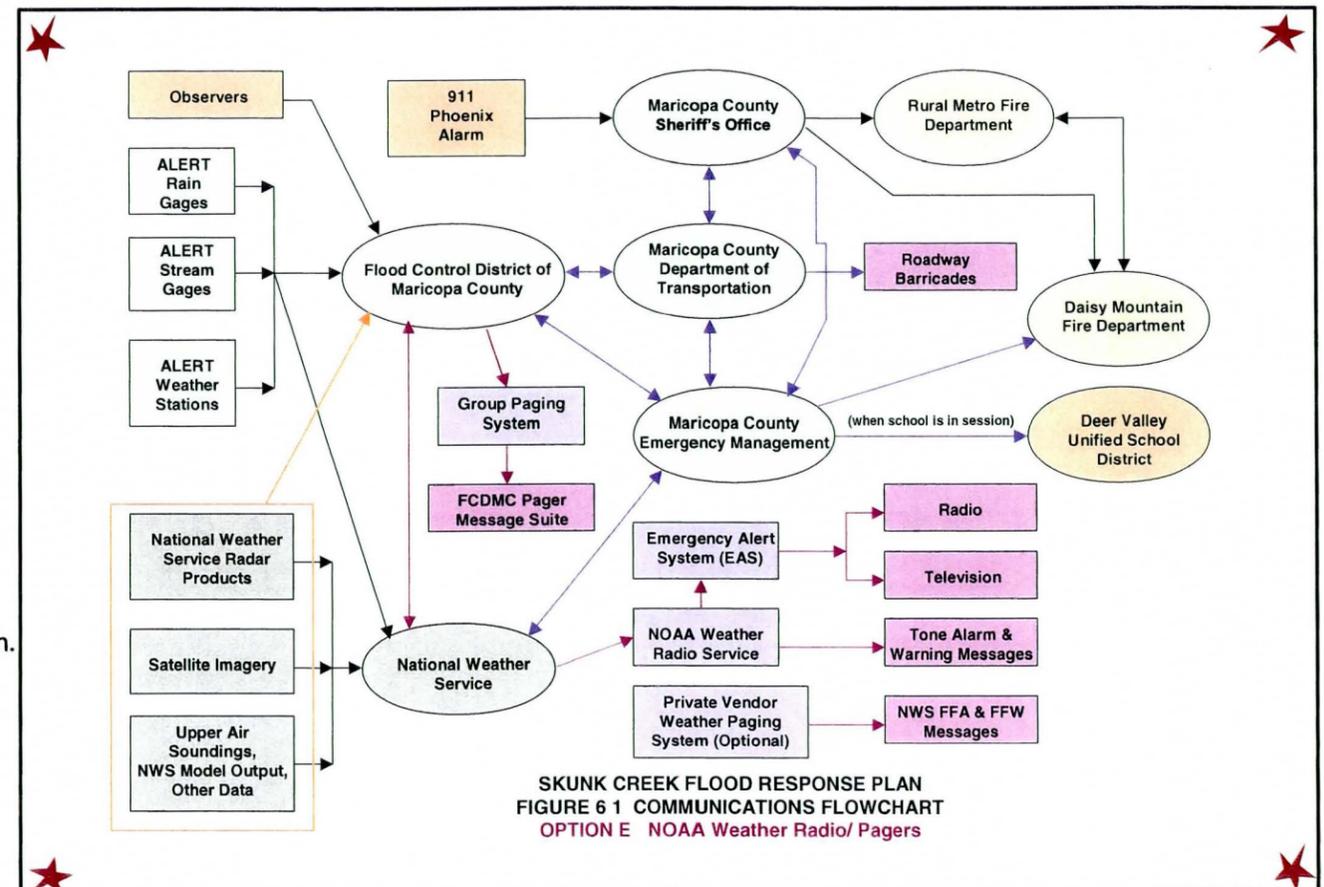
Primary communication between FCDMC, NWS, and MCDEM will be by telephone. The Maricopa County response agencies, including MCDEM, Maricopa County Department of Transportation (MCDOT) and the Maricopa County Sheriff's Office (MCSO), will use assigned frequencies within the county's internal radio communication system to communicate with field personnel and the FCDMC Flood Warning Branch.

The flow chart on this sheet is a visual representation of the communication path between the sources of flood information and the end users of that information. The following is a brief description of the intended internal communication flowpaths:

1. FCDMC and NWS hydrologists and meteorologists will monitor incoming weather, rainfall, and stream flow data from various sources, including the observations of local spotters, as shown in the flow chart on this sheet. Given indications of potential runoff-producing storms in the Skunk Creek watershed, the FCDMC or NWS will initiate, and both will maintain, communication with each other for the duration of the storm event.
2. The FCDMC will contact MCDOT and MCDEM via telephone or using Maricopa County's internal radio communications system. MCDEM will also be included in the pager call list for FCDMC weather alert and flood warnings.
3. During emergency operations, MCDEM, MCDOT, and MCSO will maintain communication with each other and the FCDMC via the County internal radio system or telephone according to the protocol established by Maricopa County Emergency Operations Plan (1999).
4. MCDEM will contact Daisy Mountain Fire Department (DMFD) directly via telephone. MCDEM will also maintain contact with FCDMC and NWS and monitor evolving weather conditions. If school is in session, MCDEM will contact Deer Valley Unified School District to inform them of flood potential so that the school may make decisions about student dismissal and bus transportation.
5. MCDOT Traffic Operations will dispatch barricade crews via the County internal radio system or telephone.
6. MCSO may contact DMFD and/or Rural Metro Fire Department depending upon particular situation needs of the flood situation and the jurisdictional boundaries of the fire departments. While the jurisdictional boundaries are generally followed, DMFD and RMFD will support emergency response needs across these boundaries when the situation warrants.
7. FCDMC will send weather alert and flood warning messages to Skunk Creek floodway and Severe Erosion Hazard Zone residents via pager.

8. NWS will issue flash flood watches and flash flood warnings according to standard protocol. Those messages shall be transmitted via NOAA Weather Radio service to the public, including the Skunk Creek residents in the flood warning area. Those messages shall also be transmitted voluntarily via the Emergency Alert System (EAS) over commercial radio and television networks.
9. Any incoming emergency calls relative to flooding in the Skunk Creek watershed received from the public via the 911 emergency dial-up system will automatically be dispatched by Phoenix Central Alarm to MCSO, Rural Metro, and/or Daisy Mountain Fire Department according to an existing computer-based routing system for emergency response.

In the interim period until the weather radios and pagers are distributed and all components of the Skunk Creek FWS are in place, a short-term measure is established to provide flood warning to residents. The FCDMC and NWS will conduct the weather monitoring and flood warning activities as described above. The NWS will continue to issue standard weather forecast products and flash flood watches and warnings via the EAS and NOAA Weather Radio. However, in lieu of FCDMC-issued flood alert messages via pager, MCDEM will provide telephone dial-up services to individually contact residents in the Skunk Creek floodway and severe erosion hazard zone. Emergency response agencies including MCDOT, MCSO, Rural Metro, and DMFD will function as described above.



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## EFFECTIVE LEAD TIME

The effective lead time available for the implementation of a flood response plan is the time period afforded to the residents of the floodway and Severe Erosion Hazard Zone to evacuate before a flood reaches inescapable proportions. The estimate of that critical evacuation window, the comparative balance of the hydrologic lead time to the emergency response lead time, is evaluated.

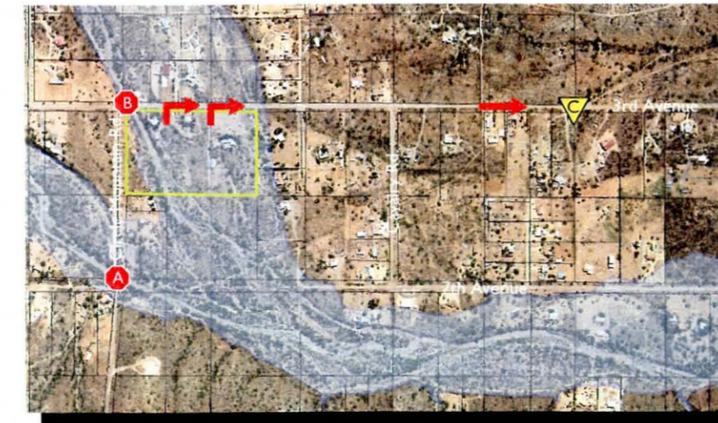
The evaluation of the effective lead time for the flood vulnerable areas of the Skunk Creek floodway indicates that those values vary considerably, as shown in columns (9) and (10) of the table below.

Those lead times range from negative values - implying the need for strong predictive capabilities for flooding in the Skunk Creek basin - to relatively small positive values - signifying that the project team must focus on minimizing the emergency response times with the most efficient information dissemination tools possible. This approach will minimize reliance upon prediction of precipitation and flood events as much as possible.

The FRP for the Skunk Creek warning area is divided into groups, or clusters, of at-risk structures according to geographic location along the watercourse. For each group, the travel time increases with increasing downstream distance, thereby increasing hydrologic lead time and effective lead time. Decision makers in a flood emergency must exercise caution in the use of, and reliance upon, the lead times as provided in the table below. These lead times are estimates only based upon the best available technical information and should not be strictly interpreted. They should only be used as an indicator of the urgency of the necessary response actions and as a decision-making tool for prioritization of the response activities.

## POTENTIAL TROUBLE AREAS

The at-risk structures in the Skunk Creek floodway are divided into four groups, based on geographical location along the creek. The creation of groups was necessary to customize the flood response action plan for each area. The customized Flood Response Plan information sheets for each group are located in this field book. Each FRP information sheet includes a site map, as show below, that provides a visual overview of the area. Potential trouble areas are clearly indicated on the map. Stop signs indicate areas that should be avoided. Yellow caution signs are placed at roadway dip crossings that may be flooded and should be crossed with caution. The evacuation route from each residence to the evacuation site is marked with red arrows.



**LEAD TIME FOR FLOOD VULNERABLE AREAS BY GROUP**

Group (1)	Location (2)	Hydrologic Lead Time		Emergency Response Time				Effective Lead Time	
				Decision Time		Action Time (Option E)			
		Basin Response [min] (3)	Travel Time [min] (4)	Minimum [min] (5)	Maximum [min] (6)	Minimum [min] (7)	Maximum [min] (8)	Minimum [min] (9)	Maximum [min] (10)
Zorrillo Drive	First inundated home: Kraus Invest. mobiles	20	23	10	15	10	40	-12	23
	Shangri La Lane	20	23	10	15	10	40	-12	23
Cline Creek	First inundated home: Selleys house	20	17	10	15	10	40	-18	17
Honda Bow Road	First inundated home: McKeag house	20	20	10	15	10	40	-15	20
	Honda Bow Road	20	20	10	15	10	40	-15	20
	Circle Mountain Road	20	20	10	15	10	40	-15	20
	Rodger Creek Crossing	20	20		15	10	40	-15	20
Desert Hills Drive	First inundated home: Hopwood Trust mobile	20	42	10	15	10	40	7	42
	Desert Hills Drive	20	42	10	15	10	40	7	42
	19th Avenue	20	42	10	15	10	40	7	42
	Cloud Rd/27th Ave.	20	42	10	15	10	40	7	42



# SKUNK CREEK FLOOD RESPONSE PLAN

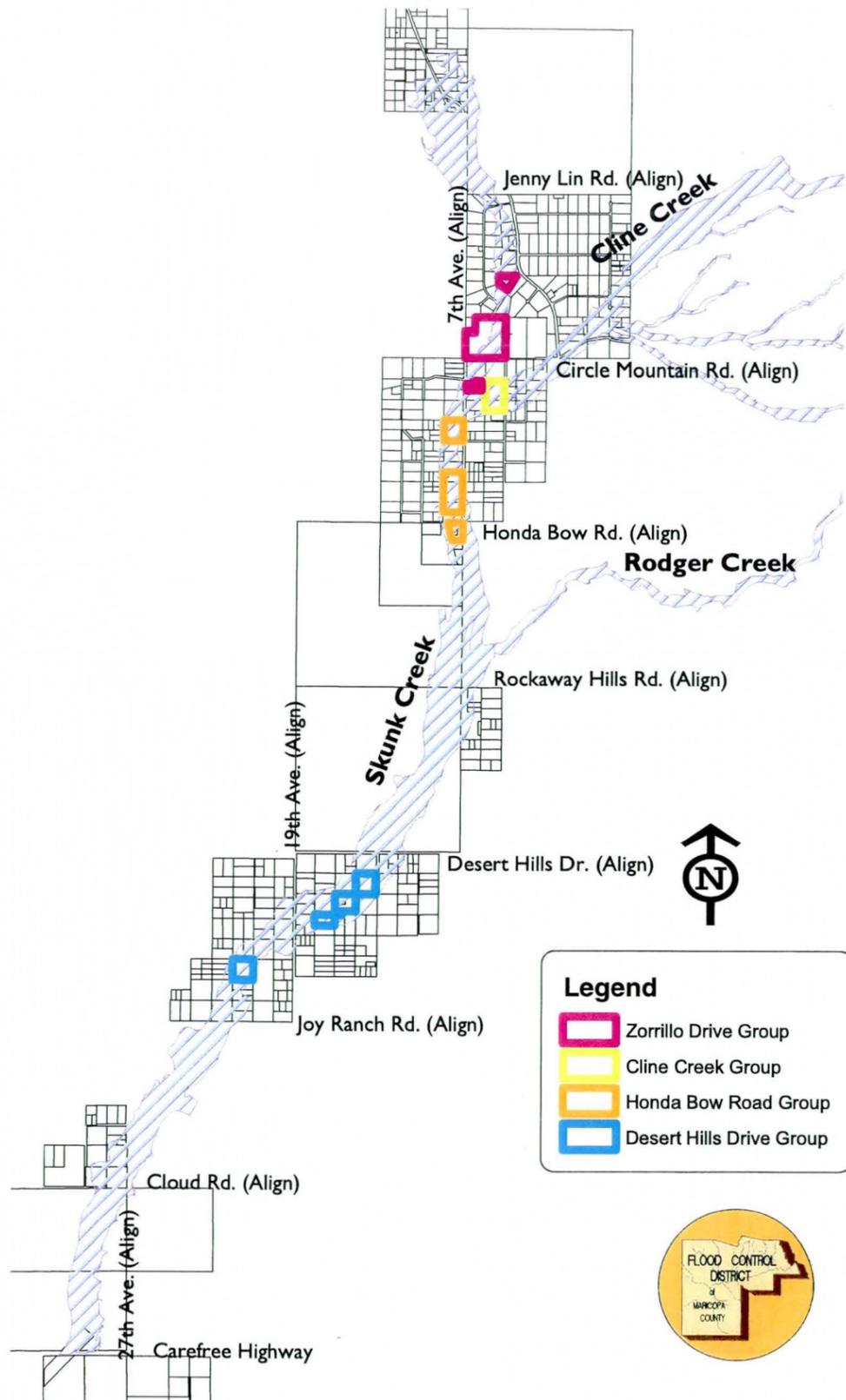
## AGENCY ACTION PLAN

MESSAGE SEQUENCE	NWS National Weather Service General (602) 275-7002	FCDMC Flood Control District of Maricopa County ALERT Room (602) 506-8701	MCDEM Maricopa County Department of Emergency Management Duty Officer (602) 273-1411	MCDOT Maricopa County Department of Transportation Traffic Operations (602) 506-4180	MCSO Maricopa County Sheriff's Office District 4 North (602) 256-1742	DMFD Daisy Mountain Fire Department Administration (623) 465-7400 Pager (602) 673-0695	RMFD Rural Metro Fire Department Cave Creek/Carefree Admin (480) 994-3886 Pager (480) 627-6607
NWS FFA	<ul style="list-style-type: none"> <li>Monitor incoming weather, rainfall, streamflow data.</li> <li>Establish Communication with FCDMC</li> <li>Issue Flash Flood Watch</li> </ul>	<ul style="list-style-type: none"> <li>Monitor incoming weather, rainfall, streamflow data</li> <li>Establish Communication with NWS and MCDEM</li> </ul>	<ul style="list-style-type: none"> <li>Monitor incoming weather, rainfall, streamflow data</li> <li>Establish Communication with FCDMC</li> </ul>				
FCDMC 1	<ul style="list-style-type: none"> <li>Monitor incoming weather, rainfall, streamflow data</li> <li>Maintain communication with FCDMC</li> <li>Establish communication with MCDEM</li> </ul>	<ul style="list-style-type: none"> <li>Monitor incoming weather, rainfall, streamflow data</li> <li>Maintain communication with NWS and MCDEM</li> <li>Establish communication with MCDOT</li> <li>Issue Weather Alert</li> </ul>	<ul style="list-style-type: none"> <li>Monitor incoming weather, rainfall, streamflow data</li> <li>Maintain communication with FCDMC</li> <li>Establish communication with NWS, MCDOT, MCSO, and DMFD</li> </ul>	<ul style="list-style-type: none"> <li>Monitor incoming weather information</li> <li>Establish communication with FCDMC and MCDEM and MCSO</li> <li>Ready barricade crews</li> </ul>	<ul style="list-style-type: none"> <li>Monitor incoming weather information</li> <li>Establish communication with MCDEM and MCDOT</li> <li>Ready district command office</li> </ul>	<ul style="list-style-type: none"> <li>Monitor incoming weather information</li> <li>Establish communication with MCDEM and RMFD</li> <li>Ready local station crews</li> </ul>	<ul style="list-style-type: none"> <li>Monitor incoming weather information</li> <li>Establish communication with DMFD</li> <li>Ready local station crews</li> </ul>
FCDMC 2	<ul style="list-style-type: none"> <li>Monitor incoming weather, rainfall, streamflow data</li> <li>Maintain communication with FCDMC and MCDEM</li> </ul>	<ul style="list-style-type: none"> <li>Monitor incoming weather, rainfall, streamflow data</li> <li>Maintain communication with NWS, MCDEM, and MCDOT</li> <li>Trigger MCDOT barricade crews</li> <li>Issue Flash Flood Alert</li> </ul>	<ul style="list-style-type: none"> <li>Monitor incoming weather, rainfall, streamflow data</li> <li>Maintain communication with NWS, FCDMC, MCDOT, MCSO, and DMFD</li> <li>Establish communication with evacuation sites, and school district office</li> </ul>	<ul style="list-style-type: none"> <li>Monitor incoming weather information</li> <li>Maintain communication with FCDMC, MCDEM and MCSO</li> <li>Dispatch barricade crews to Skunk Creek road crossings</li> <li>Monitor area road conditions</li> </ul>	<ul style="list-style-type: none"> <li>Monitor incoming weather information</li> <li>Maintain communication with MCDEM, MCDOT, DMFD and RMFD</li> <li>Alert district personnel in area</li> </ul>	<ul style="list-style-type: none"> <li>Monitor incoming weather information</li> <li>Maintain communication with MCDEM and RMFD</li> <li>Establish communication with MCSO</li> <li>Maintain local stations on alert</li> </ul>	<ul style="list-style-type: none"> <li>Monitor incoming weather information</li> <li>Maintain communication with DMFD</li> <li>Establish communication with MCSO</li> <li>Maintain local station crews on alert</li> </ul>
NWS FFW	<ul style="list-style-type: none"> <li>Monitor incoming weather, rainfall, streamflow data</li> <li>Maintain communication with FCDMC and MCDEM</li> <li>Issue Flash Flood Warning</li> </ul>	<ul style="list-style-type: none"> <li>Monitor incoming weather, rainfall, streamflow data</li> <li>Maintain communication with NWS, MCDEM, and MCDOT</li> </ul>	<ul style="list-style-type: none"> <li>Monitor incoming weather, rainfall, streamflow data</li> <li>Maintain communication with NWS, FCDMC, MCDOT, MCSO, and DMFD</li> <li>Maintain communication with evacuation sites and school district office</li> </ul>	<ul style="list-style-type: none"> <li>Monitor incoming weather information.</li> <li>Maintain communication with FCDMC, MCDEM, and MCSO.</li> <li>Complete roadway barricade activities.</li> <li>Maintain barricade crews on alert</li> <li>Monitor area road conditions</li> </ul>	<ul style="list-style-type: none"> <li>Monitor incoming weather information and communication.</li> <li>Maintain communication with MCDEM, MCDOT, DMFD, and RMFD</li> <li>Maintain district personnel in area on alert</li> </ul>	<ul style="list-style-type: none"> <li>Monitor incoming weather information</li> <li>Maintain communication with MCDEM, MCSO, and RMFD</li> <li>Maintain local station crews on alert</li> <li>Ready evacuation sites</li> </ul>	<ul style="list-style-type: none"> <li>Monitor incoming weather information</li> <li>Maintain communication with DMFD and MCSO</li> <li>Maintain local stations crews on alert</li> </ul>
FCDMC 3	<ul style="list-style-type: none"> <li>Monitor incoming weather, rainfall, streamflow data</li> <li>Maintain communication with FCDMC and MCDEM</li> </ul>	<ul style="list-style-type: none"> <li>Monitor incoming weather, rainfall, streamflow data</li> <li>Maintain communication with NWS, MCDEM, and MCDOT</li> <li>Issue Severe Flood Warning</li> </ul>	<ul style="list-style-type: none"> <li>Monitor incoming weather, rainfall, streamflow data</li> <li>Maintain communication with NWS, FCDMC, MCDOT, MCSO, and DMFD</li> <li>Maintain communication with evacuation sites and school district office</li> </ul>	<ul style="list-style-type: none"> <li>Monitor incoming weather information</li> <li>Maintain Communication with FCDMC, MCDEM, and MCSO</li> <li>Maintain barricade crews on alert</li> <li>Monitor road conditions along evacuation routes</li> </ul>	<ul style="list-style-type: none"> <li>Monitor incoming weather information and communication.</li> <li>Monitor evacuation routes for residents in need of assistance.</li> <li>Secure affected areas</li> <li>Verify that residents have evacuated by checking for sheet hanging on front door</li> </ul>	<ul style="list-style-type: none"> <li>Monitor incoming weather information</li> <li>Maintain communication with MCDEM, MCSO, and RMFD</li> <li>Assist in evacuations, as needed</li> <li>Receive and register residents at evacuation sites</li> </ul>	<ul style="list-style-type: none"> <li>Monitor incoming weather information</li> <li>Maintain communication with DMFD and MCSO</li> <li>Assist in evacuations, as needed</li> </ul>
FCDMC 4	<ul style="list-style-type: none"> <li>Monitor incoming weather, rainfall, streamflow data</li> <li>Maintain communication with FCDMC on as-needed basis</li> </ul>	<ul style="list-style-type: none"> <li>Monitor incoming weather, rainfall, streamflow data</li> <li>Maintain communication with NWS and MCDEM on as-needed basis</li> <li>Issue All Clear</li> </ul>	<ul style="list-style-type: none"> <li>Monitor incoming weather, rainfall, streamflow data</li> <li>Maintain communication with FCDMC on as-needed basis.</li> <li>Notify MCDOT to retrieve roadway barricades</li> </ul>	<ul style="list-style-type: none"> <li>Retrieve barricades</li> <li>Report roadway/bridge status to MCDEM and MCSO</li> <li>Perform roadway clearing and/or repair activities, as required</li> </ul>	<ul style="list-style-type: none"> <li>Provide post-flood assistance to residents returning to properties</li> <li>Control personnel and vehicular access to affected areas, as required</li> </ul>	<ul style="list-style-type: none"> <li>Provide post-flood assistance to residents returning to properties</li> </ul>	<ul style="list-style-type: none"> <li>Provide post-flood assistance to residents returning to properties</li> </ul>



# SKUNK CREEK FLOOD RESPONSE PLAN

## ZORRILLO DRIVE GROUP



MESSAGE	WHAT IT MEANS	WHAT YOU NEED TO DO
(NOAA Radio) National Weather Service Flash Flood Watch (begin time/end time)	→ Flash flooding possible in north central Maricopa County, including Skunk Creek or Cline Creek → Be alert!	→ Monitor your FCDMC pager and NOAA weather radio continually for updates. Other sources of flood information: - Some commercial radio and TV stations voluntarily broadcast NWS flash flood watch and flash flood warning information - Real-time FCDMC rainfall and flood information is always available by monitoring their web page at: <a href="http://www.fcd.maricopa.gov/alert/alert.htm">http://www.fcd.maricopa.gov/alert/alert.htm</a> - 24-hour hydrologic and weather information for the entire state is available at: <a href="http://www.afws.org">http://www.afws.org</a>
(FCDMC Pager) Skunk Creek Message 1 Weather Alert (begin time/end time)	→ Flash flooding possible in north central Maricopa County, especially in the Upper Skunk Creek and Cline Creek areas → Be alert!	
(FCDMC Pager) Skunk Creek Message 2 Flash Flood Alert (begin time/end time)	→ Heavy rainfall detected in upper Skunk or Cline Creeks Watersheds → Moderate flow volumes detected by stream gages → Potential for life-threatening flooding exists → Take necessary precautions!	→ You MAY be instructed to EVACUATE and will need to do so in a moment's notice. You may only have minutes! Get Prepared! → Monitor your FCDMC pager and NOAA weather radio continually for updates. → Locate all residents of your home, pets and livestock. Collect absolute necessities and load in your vehicle(s). Include a flashlight. Secure premises. → Find a light-colored sheet or towel to hang on your doorway in case you evacuate.
(NOAA Radio) National Weather Service Flash Flood Warning (begin time/end time)	→ Flash flooding imminent or occurring in north central Maricopa County, including Skunk Creek or Cline Creek → Take necessary precautions!	
(FCDMC Pager) Skunk Creek Message 3 Severe Flood Warning (effective time/all clear)	→ Extreme rainfall detected in the upper Skunk Creek or Cline Creek watersheds. → Critical flow volumes detected by stream gages. → Severe flash flooding is imminent or occurring. → Many or all of roadway crossings in the area are impassable. → Residents MUST monitor pagers and NOAA weather radios. → Follow the instructions listed under "What You Need To Do"!	→ IMMEDIATELY EVACUATE all residents and pets from your home and get to the evacuation site (see map on reverse). Act quickly! → Turn off lights, heating and air-conditioning units. → Hang a light-colored sheet or towel over your door to indicate to emergency personnel that you have evacuated. → Monitor your FCDMC pager and NOAA weather radio for updates. → Follow the evacuation route shown on the map. Avoid travel on roadways through wash crossings. DO NOT cross any barricaded roads! NEVER drive through flooded roadways, especially at night when dangers are harder to recognize. → Report to evacuation site for registration, even if you do not plan to stay. → Seek medical care at the nearest hospital, if needed. Food, clothing, and first aid may be available from emergency aid organizations such as the Red Cross.
(FCDMC Pager) Skunk Creek Message 4 All Clear (effective time)	→ Floods on Skunk Creek and Cline Creek have dropped below critical levels. → Potential for additional extreme flooding is minimal	→ Leave the evacuation site and return to your home using the same route in reverse. → Use flashlights to examine buildings. Flammables may be inside. → Electrical equipment should be dried and checked before being returned to service. → Boil drinking water before using. Wells should be pumped out and water tested for purity before drinking. → Throw out any fresh food that has come in contact with flood waters.

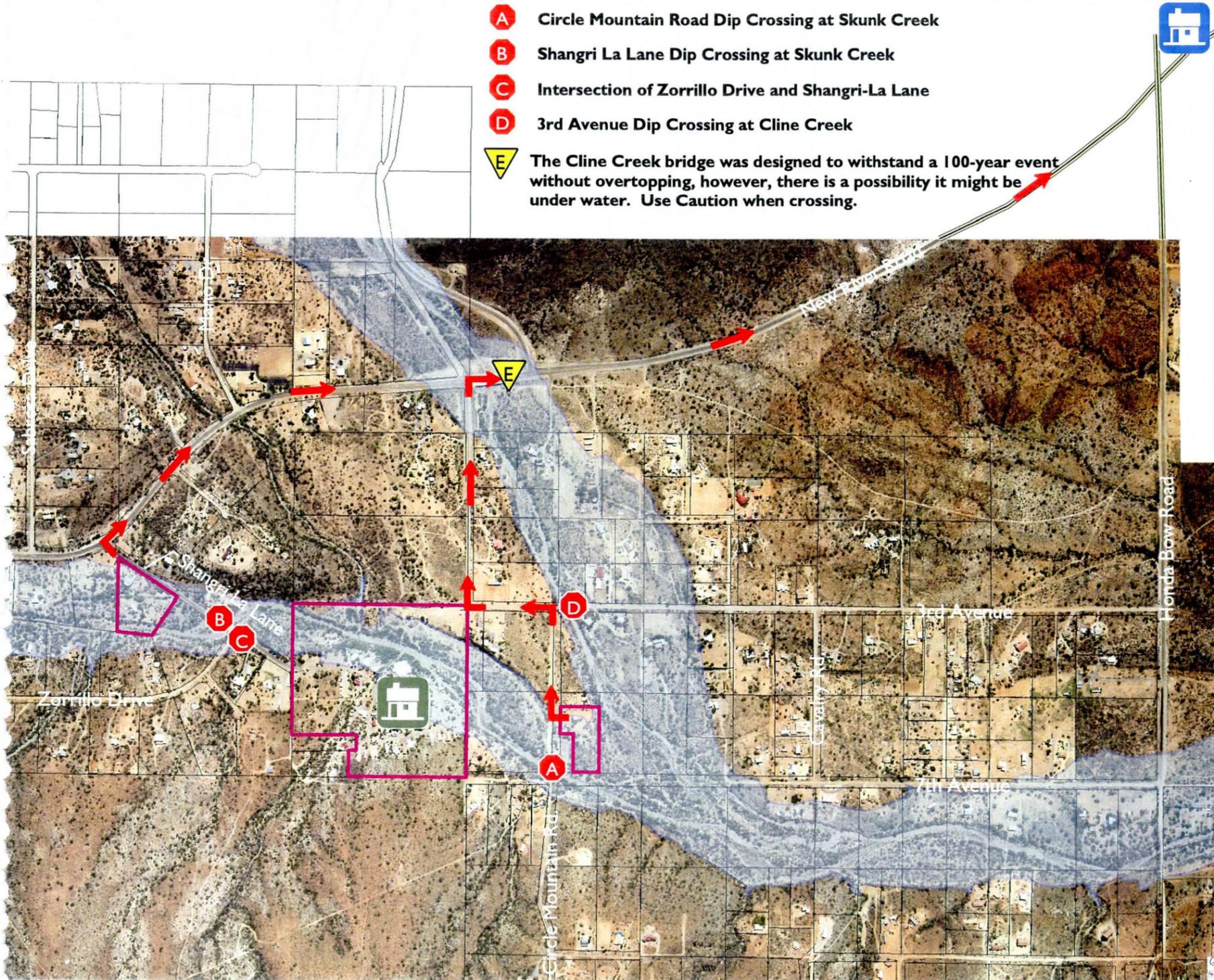
**NOTE:** The message progression may shortcut to FCDMC Message 3 or 4 at any point in the sequence as evolving flood conditions warrant. If a NWS Flash Flood Watch is in effect early in the day, the warning message sequence may shortcut to NWS Flash Flood Warning, as appropriate to changing weather conditions

# SKUNK CREEK FLOOD RESPONSE PLAN

## ZORRILLO DRIVE GROUP

### POTENTIAL TROUBLE AREAS

- A** Circle Mountain Road Dip Crossing at Skunk Creek
- B** Shangri La Lane Dip Crossing at Skunk Creek
- C** Intersection of Zorrillo Drive and Shangri-La Lane
- D** 3rd Avenue Dip Crossing at Cline Creek
- E** The Cline Creek bridge was designed to withstand a 100-year event without overtopping, however, there is a possibility it might be under water. Use Caution when crossing.



### EVACUATION ROUTE

Evacuation Site: Desert Valley Baptist Church  
 42425 North New River Road  
 New River, Arizona 85086  
 (623) 465-9461

#### Parry

- a. South (Right) on New River Road to Honda Bow Road
- b. South (Straight) on New River Road a short distance to Desert Valley Baptist Church on East (Left) Side of New River Road Just South of Honda Bow Road

#### Sartain

- c. East (Right) on Circle Mountain Road to 3rd Avenue
- d. North (Left) on 3rd Avenue to Circle Mountain Road
- e. East (Right) on Circle Mountain Road to New River Road
- f. South (Right) on New River Road to Honda Bow Road
- g. South (Straight) on New River Road a short distance to Desert Valley Baptist Church on East (Left) Side of New River Road Just South of Honda Bow Road

### Evacuation Route Shangri La Residents Only

Evacuation Site: Shangri La Main Office  
 46834 North Shangri-La Lane  
 New River, Arizona 85027  
 (623) 465-5959

#### Shangri La

- a. Evacuate to Shangri La Main Office

**NOTE:** The Flood Control District of Maricopa County (FCDMC) and National Weather Service (NWS) will provide timely weather information and flood warning messages to you to the best of their ability using currently available technology. Be advised that prediction of flash floods is complex and conditions can change very rapidly. You have a responsibility to do what you can to remain alert for changing flood conditions impacting your residence. Closely monitor local conditions around your residence. Use the pager, weather radio, commercial radio, and television to stay informed. You may also contact FCDMC Flood Warning Branch directly for Skunk Creek flood information two ways.

1. Telephone (602) 506-8701
  2. Web site [http://156.42.96.39/alert/skunk\\_frp/sc.html](http://156.42.96.39/alert/skunk_frp/sc.html)
- Call 911 if you need emergency assistance during a flood event

**When rainfall increases rapidly or flood conditions worsen significantly, follow the instructions listed under "What You Need To Do" even if you have not received a pager or weather radio flood warning message.**

**USE COMMON SENSE!**



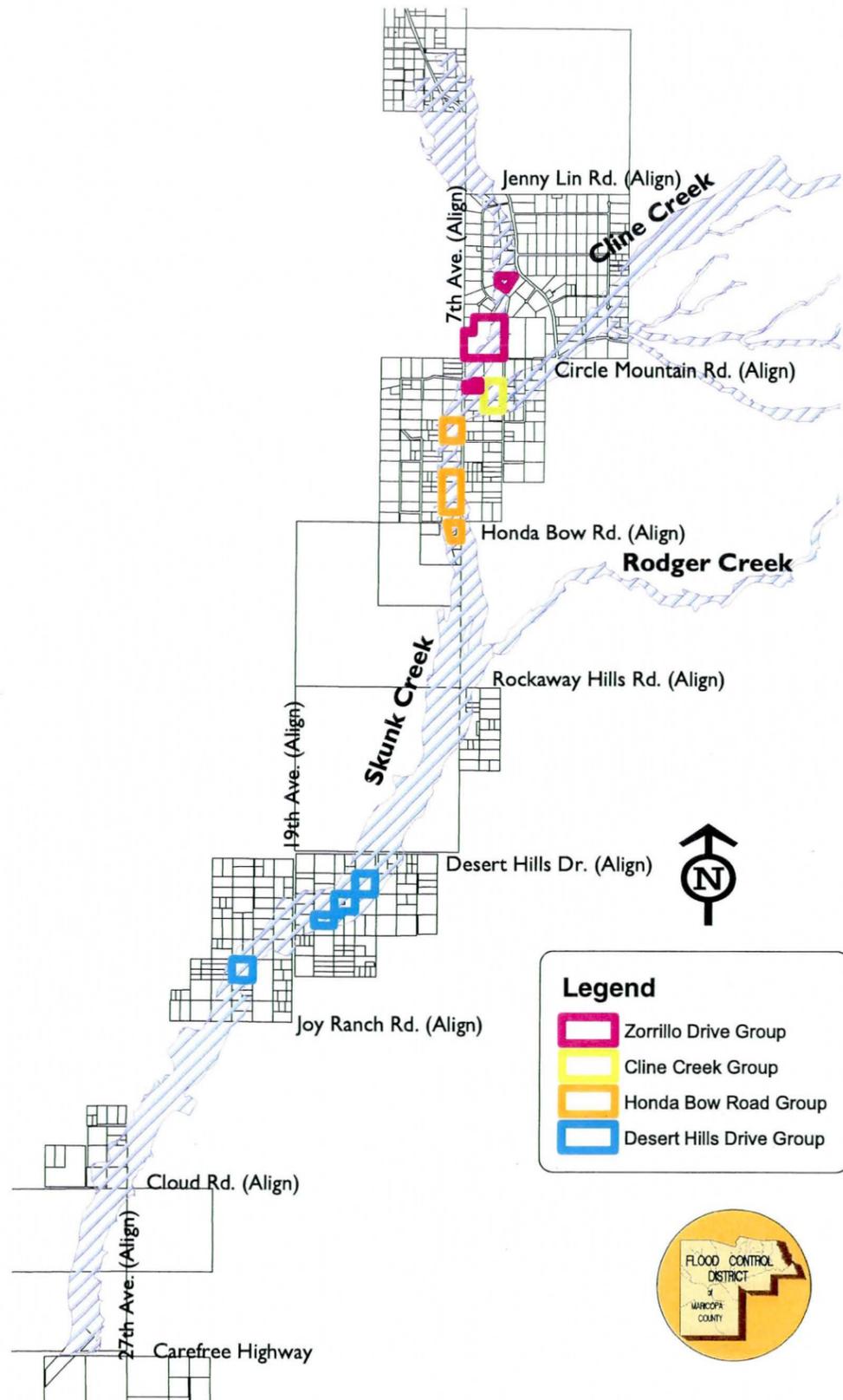
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# SKUNK CREEK FLOOD RESPONSE PLAN

## CLINE CREEK GROUP



MESSAGE	WHAT IT MEANS	WHAT YOU NEED TO DO
(NOAA Radio) National Weather Service Flash Flood Watch (begin time/end time)	→ Flash flooding possible in north central Maricopa County, including Skunk Creek or Cline Creek → Be alert!	→ Monitor your FCDMC pager and NOAA weather radio continually for updates. Other sources of flood information: - Some commercial radio and TV stations voluntarily broadcast NWS flash flood watch and flash flood warning information - Real-time FCDMC rainfall and flood information is always available by monitoring their web page at: <a href="http://www.fcd.maricopa.gov/alert/alert.htm">http://www.fcd.maricopa.gov/alert/alert.htm</a> - 24-hour hydrologic and weather information for the entire state is available at: <a href="http://www.afws.org">http://www.afws.org</a>
(FCDMC Pager) Skunk Creek Message 1 Weather Alert (begin time/end time)	→ Flash flooding possible in north central Maricopa County, especially in the Upper Skunk Creek and Cline Creek areas → Be alert!	
(FCDMC Pager) Skunk Creek Message 2 Flash Flood Alert (begin time/end time)	→ Heavy rainfall detected in upper Skunk or Cline Creeks Watersheds → Moderate flow volumes detected by stream gages → Potential for life-threatening flooding exists → Take necessary precautions!	→ You MAY be instructed to EVACUATE and will need to do so in a moment's notice. You may only have minutes! Get Prepared! → Monitor your FCDMC pager and NOAA weather radio continually for updates. → Locate all residents of your home, pets and livestock. Collect absolute necessities and load in your vehicle(s). Include a flashlight. Secure premises. → Find a light-colored sheet or towel to hang on your doorway in case you evacuate.
(NOAA Radio) National Weather Service Flash Flood Warning (begin time/end time)	→ Flash flooding imminent or occurring in north central Maricopa County, including Skunk Creek or Cline Creek → Take necessary precautions!	
(FCDMC Pager) Skunk Creek Message 3 Severe Flood Warning (effective time/all clear)	→ Extreme rainfall detected in the upper Skunk Creek or Cline Creek watersheds. → Critical flow volumes detected by stream gages. → Severe flash flooding is imminent or occurring. → Many or all of roadway crossings in the area are impassable. → Residents MUST monitor pagers and NOAA weather radios. → Follow the instructions listed under "What You Need To Do"!	→ IMMEDIATELY EVACUATE all residents and pets from your home and get to the evacuation site (see map on reverse). Act quickly! → Turn off lights, heating and air-conditioning units. → Hang a light-colored sheet or towel over your door to indicate to emergency personnel that you have evacuated. → Monitor your FCDMC pager and NOAA weather radio for updates. → Follow the evacuation route shown on the map. Avoid travel on roadways through wash crossings. DO NOT cross any barricaded roads! NEVER drive through flooded roadways, especially at night when dangers are harder to recognize. → Report to evacuation site for registration, even if you do not plan to stay. → Seek medical care at the nearest hospital, if needed. Food, clothing, and first aid may be available from emergency aid organizations such as the Red Cross.
(FCDMC Pager) Skunk Creek Message 4 All Clear (effective time)	→ Floods on Skunk Creek and Cline Creek have dropped below critical levels. → Potential for additional extreme flooding is minimal	→ Leave the evacuation site and return to your home using the same route in reverse. → Use flashlights to examine buildings. Flammables may be inside. → Electrical equipment should be dried and checked before being returned to service. → Boil drinking water before using. Wells should be pumped out and water tested for purity before drinking. → Throw out any fresh food that has come in contact with flood waters.

**NOTE:** The message progression may shortcut to FCDMC Message 3 or 4 at any point in the sequence as evolving flood conditions warrant. If a NWS Flash Flood Watch is in effect early in the day, the warning message sequence may shortcut to NWS Flash Flood Warning, as appropriate to changing weather conditions

# SKUNK CREEK FLOOD RESPONSE PLAN

## CLINE CREEK GROUP

### POTENTIAL TROUBLE AREAS

- A** Circle Mountain Road Dip Crossing at Skunk Creek
- B** 3rd Avenue Dip Crossing at Cline Creek
- C** Use Caution in Dip Crossing on 3rd Avenue between Cavalry Road and Honda Bow Road
- D** The Cline Creek bridge was designed to withstand a 100-year event without overtopping, however, there is a possibility it might be under water. Use Caution when crossing.

### EVACUATION ROUTE

Evacuation Site: Desert Valley Baptist Church  
 42425 North New River Road  
 New River, Arizona 85086  
 (623) 465-9461

#### Selleys/Caldwell

- a. South (Right) on 3rd Avenue to Honda Bow Road (USE CAUTION)
- b. East (Left) on Honda Bow Road to New River Road
- c. South (Right) on New River Road a short distance to Desert Valley Baptist Church on East (Left) Side of New River Road Just South of Honda Bow Road

**NOTE:** The Flood Control District of Maricopa County (FCDMC) and National Weather Service (NWS) will provide timely weather information and flood warning messages to you to the best of their ability using currently available technology. Be advised that prediction of flash floods is complex and conditions can change very rapidly. You have a responsibility to do what you can to remain alert for changing flood conditions impacting your residence. Closely monitor local conditions around your residence. Use the pager, weather radio, commercial radio, and television to stay informed. You may also contact FCDMC Flood Warning Branch directly for Skunk Creek flood information two ways.

1. Telephone (602) 506-8701
  2. Web site [http://156.42.96.39/alert/skunk\\_frp/sc.html](http://156.42.96.39/alert/skunk_frp/sc.html)
- Call 911 if you need emergency assistance during a flood event

**When rainfall increases rapidly or flood conditions worsen significantly, follow the instructions listed under "What You Need To Do" even if you have not received a pager or weather radio flood warning message. USE COMMON SENSE!**

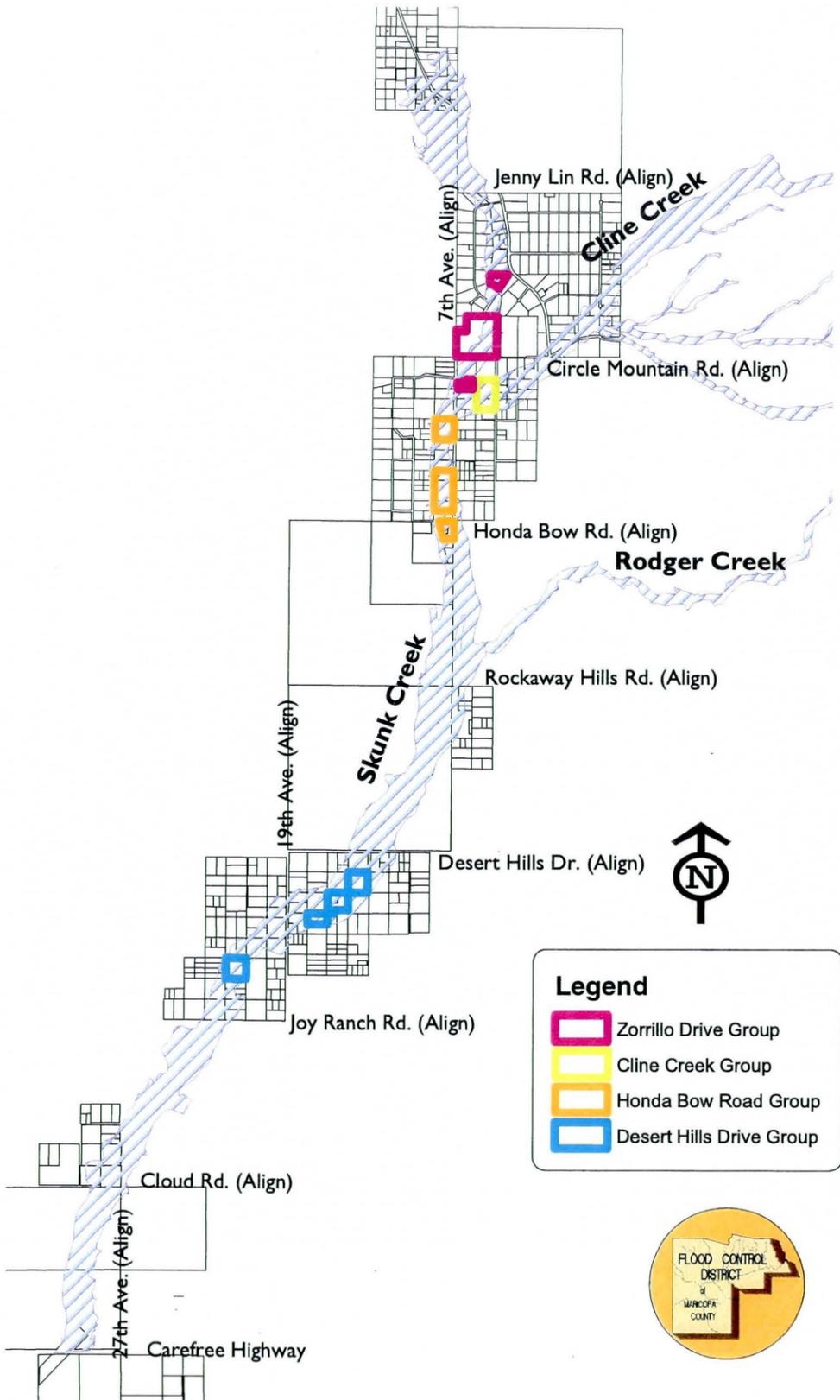


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# SKUNK CREEK FLOOD RESPONSE PLAN

## HONDA BOW ROAD GROUP



MESSAGE	WHAT IT MEANS	WHAT YOU NEED TO DO
(NOAA Radio) National Weather Service Flash Flood Watch (begin time/end time)	→ Flash flooding possible in north central Maricopa County, including Skunk Creek or Cline Creek → Be alert!	→ Monitor your FCDMC pager and NOAA weather radio continually for updates. Other sources of flood information: - Some commercial radio and TV stations voluntarily broadcast NWS flash flood watch and flash flood warning information - Real-time FCDMC rainfall and flood information is always available by monitoring their web page at: <a href="http://www.fcd.maricopa.gov/alert/alert.htm">http://www.fcd.maricopa.gov/alert/alert.htm</a> - 24-hour hydrologic and weather information for the entire state is available at: <a href="http://www.afws.org">http://www.afws.org</a>
(FCDMC Pager) Skunk Creek Message 1 Weather Alert (begin time/end time)	→ Flash flooding possible in north central Maricopa County, especially in the Upper Skunk Creek and Cline Creek areas → Be alert!	
(FCDMC Pager) Skunk Creek Message 2 Flash Flood Alert (begin time/end time)	→ Heavy rainfall detected in upper Skunk or Cline Creeks Watersheds → Moderate flow volumes detected by stream gages → Potential for life-threatening flooding exists → Take necessary precautions!	→ You MAY be instructed to EVACUATE and will need to do so in a moment's notice. You may only have minutes! Get Prepared! → Monitor your FCDMC pager and NOAA weather radio continually for updates. → Locate all residents of your home, pets and livestock. Collect absolute necessities and load in your vehicle(s). Include a flashlight. Secure premises. → Find a light-colored sheet or towel to hang on your doorway in case you evacuate.
(NOAA Radio) National Weather Service Flash Flood Warning (begin time/end time)	→ Flash flooding imminent or occurring in north central Maricopa County, including Skunk Creek or Cline Creek → Take necessary precautions!	
(FCDMC Pager) Skunk Creek Message 3 Severe Flood Warning (effective time/all clear)	→ Extreme rainfall detected in the upper Skunk Creek or Cline Creek watersheds. → Critical flow volumes detected by stream gages. → Severe flash flooding is imminent or occurring. → Many or all of roadway crossings in the area are impassable. → Residents MUST monitor pagers and NOAA weather radios. → Follow the instructions listed under "What You Need To Do"!	→ IMMEDIATELY EVACUATE all residents and pets from your home and get to the evacuation site (see map on reverse). Act quickly! → Turn off lights, heating and air-conditioning units. → Hang a light-colored sheet or towel over your door to indicate to emergency personnel that you have evacuated. → Monitor your FCDMC pager and NOAA weather radio for updates. → Follow the evacuation route shown on the map. Avoid travel on roadways through wash crossings. DO NOT cross any barricaded roads! NEVER drive through flooded roadways, especially at night when dangers are harder to recognize. → Report to evacuation site for registration, even if you do not plan to stay. → Seek medical care at the nearest hospital, if needed. Food, clothing, and first aid may be available from emergency aid organizations such as the Red Cross.
(FCDMC Pager) Skunk Creek Message 4 All Clear (effective time)	→ Floods on Skunk Creek and Cline Creek have dropped below critical levels. → Potential for additional extreme flooding is minimal	→ Leave the evacuation site and return to your home using the same route in reverse. → Use flashlights to examine buildings. Flammables may be inside. → Electrical equipment should be dried and checked before being returned to service. → Boil drinking water before using. Wells should be pumped out and water tested for purity before drinking. → Throw out any fresh food that has come in contact with flood waters.

**NOTE:** The message progression may shortcut to FCDMC Message 3 or 4 at any point in the sequence as evolving flood conditions warrant. If a NWS Flash Flood Watch is in effect early in the day, the warning message sequence may shortcut to NWS Flash Flood Warning, as appropriate to changing weather conditions

# SKUNK CREEK FLOOD RESPONSE PLAN

## HONDA BOW ROAD GROUP

### POTENTIAL TROUBLE AREAS

- A** Honda Bow Road Dip Crossing at Skunk Creek
- B** Intersection of Honda Bow Road and 7th Avenue
- C** Circle Mountain Road Dip Crossing at Skunk Creek
- D** Use Caution in Dip Crossing on 3rd Avenue between Cavalry Road and Honda Bow Road
- E** The Cline Creek bridge was designed to withstand a 100-year event without overtopping, however, there is a possibility it might be under water. Use Caution when crossing.

### EVACUATION ROUTE

Evacuation Site: Desert Valley Baptist Church  
 42425 North New River Road  
 New River, Arizona 85086  
 (623) 465-9461

#### Albert/Eller/Hines/Funk

- a. North (Left) on 7th Avenue to Cavalry Road
- b. East (Right) on Cavalry Road to 3rd Avenue
- c. South (Right) on 3rd Avenue to Honda Bow Road (USE CAUTION)
- d. East (Left) on Honda Bow Road to New River Road
- e. South (Right) on New River Road a short distance to Desert Valley Baptist Church on East (Left) Side of New River Road Just South of Honda Bow Road

#### McKeag/Geraci

- f. East (Right) on Honda Bow Road to New River Road
- g. South (Right) on New River Road a short distance to Desert Valley Baptist Church on East (Left) Side of New River Road Just South of Honda Bow Road

**NOTE:** The Flood Control District of Maricopa County (FCDMC) and National Weather Service (NWS) will provide timely weather information and flood warning messages to you to the best of their ability using currently available technology. Be advised that prediction of flash floods is complex and conditions can change very rapidly. You have a responsibility to do what you can to remain alert for changing flood conditions impacting your residence. Closely monitor local conditions around your residence. Use the pager, weather radio, commercial radio, and television to stay informed. You may also contact FCDMC Flood Warning Branch directly for Skunk Creek flood information two ways.

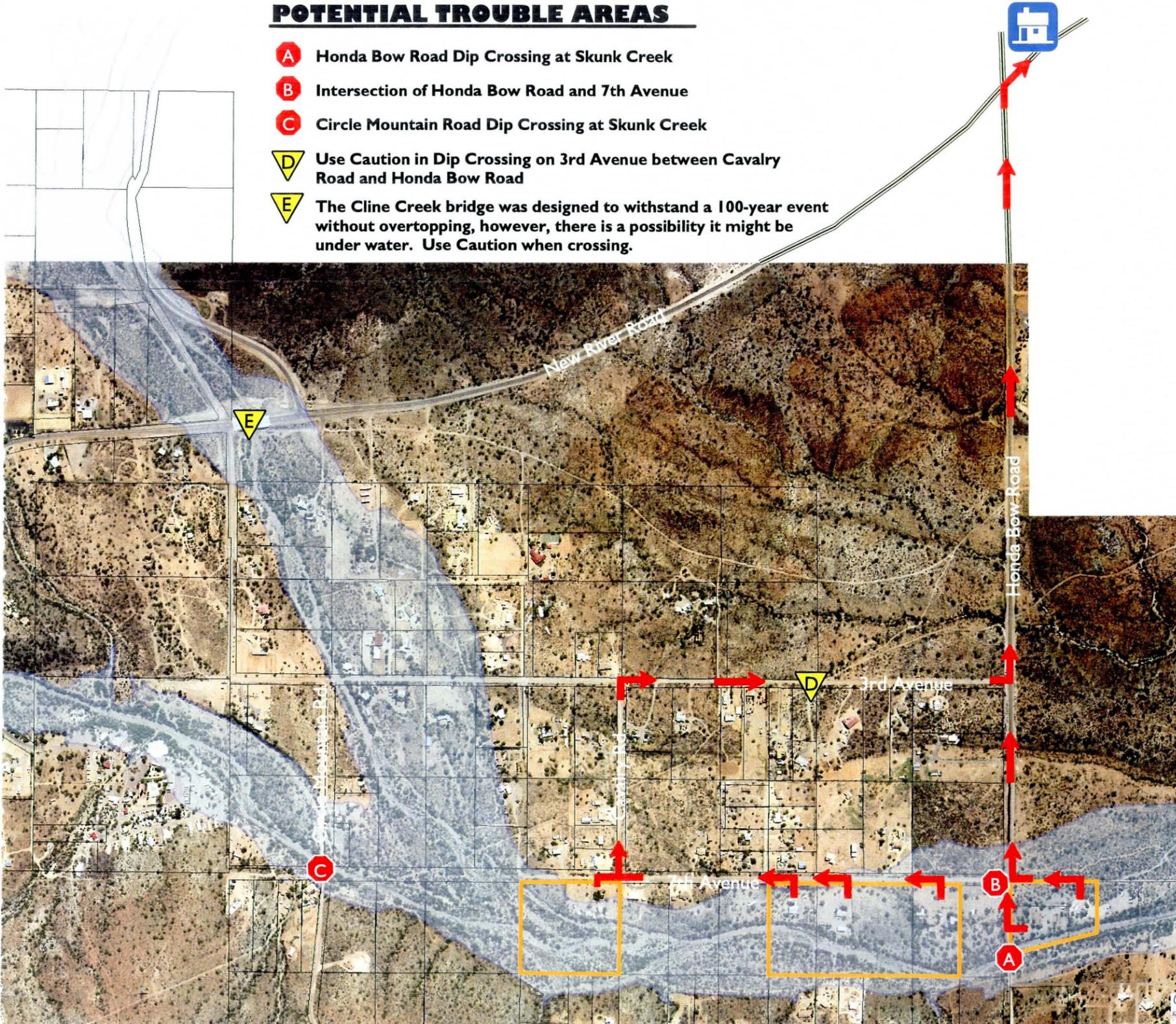
1. Telephone (602) 506-8701
  2. Web site [http://156.42.96.39/alert/skunk\\_frp/sc.html](http://156.42.96.39/alert/skunk_frp/sc.html)
- Call 911 if you need emergency assistance during a flood event

**When rainfall increases rapidly or flood conditions worsen significantly, follow the instructions listed under "What You Need To Do" even if you have not received a pager or weather radio flood warning message.**

**USE COMMON SENSE!**

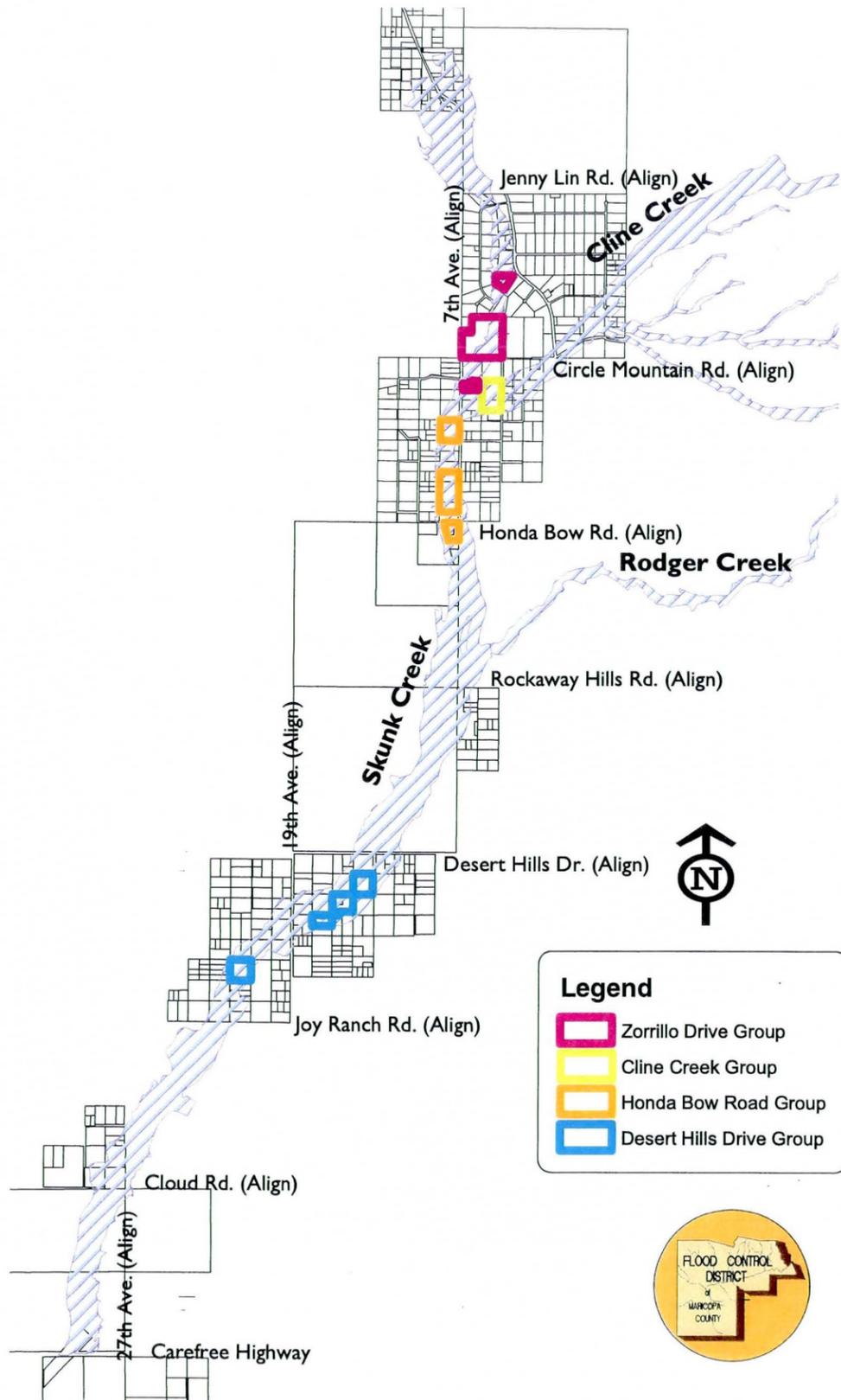


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# SKUNK CREEK FLOOD RESPONSE PLAN

## DESERT HILLS DRIVE GROUP



MESSAGE	WHAT IT MEANS	WHAT YOU NEED TO DO
(NOAA Radio) National Weather Service Flash Flood Watch (begin time/end time)	→ Flash flooding possible in north central Maricopa County, including Skunk Creek or Cline Creek → Be alert!	→ Monitor your FCDMC pager and NOAA weather radio continually for updates. Other sources of flood information: - Some commercial radio and TV stations voluntarily broadcast NWS flash flood watch and flash flood warning information - Real-time FCDMC rainfall and flood information is always available by monitoring their web page at: <a href="http://www.fcd.maricopa.gov/alert/alert.htm">http://www.fcd.maricopa.gov/alert/alert.htm</a> - 24-hour hydrologic and weather information for the entire state is available at: <a href="http://www.afws.org">http://www.afws.org</a>
(FCDMC Pager) Skunk Creek Message 1 Weather Alert (begin time/end time)	→ Flash flooding possible in north central Maricopa County, especially in the Upper Skunk Creek and Cline Creek areas → Be alert!	
(FCDMC Pager) Skunk Creek Message 2 Flash Flood Alert (begin time/end time)	→ Heavy rainfall detected in upper Skunk or Cline Creeks Watersheds → Moderate flow volumes detected by stream gages → Potential for life-threatening flooding exists → Take necessary precautions!	→ You MAY be instructed to EVACUATE and will need to do so in a moment's notice. You may only have minutes! Get Prepared! → Monitor your FCDMC pager and NOAA weather radio continually for updates. → Locate all residents of your home, pets and livestock. Collect absolute necessities and load in your vehicle(s). Include a flashlight. Secure premises. → Find a light-colored sheet or towel to hang on your doorway in case you evacuate.
(NOAA Radio) National Weather Service Flash Flood Warning (begin time/end time)	→ Flash flooding imminent or occurring in north central Maricopa County, including Skunk Creek or Cline Creek → Take necessary precautions!	
(FCDMC Pager) Skunk Creek Message 3 Severe Flood Warning (effective time/all clear)	→ Extreme rainfall detected in the upper Skunk Creek or Cline Creek watersheds. → Critical flow volumes detected by stream gages. → Severe flash flooding is imminent or occurring. → Many or all of roadway crossings in the area are impassable. → Residents MUST monitor pagers and NOAA weather radios. → Follow the instructions listed under "What You Need To Do"!	→ IMMEDIATELY EVACUATE all residents and pets from your home and get to the evacuation site (see map on reverse). Act quickly! → Turn off lights, heating and air-conditioning units. → Hang a light-colored sheet or towel over your door to indicate to emergency personnel that you have evacuated. → Monitor your FCDMC pager and NOAA weather radio for updates. → Follow the evacuation route shown on the map. Avoid travel on roadways through wash crossings. DO NOT cross any barricaded roads! NEVER drive through flooded roadways, especially at night when dangers are harder to recognize. → Report to evacuation site for registration, even if you do not plan to stay. → Seek medical care at the nearest hospital, if needed. Food, clothing, and first aid may be available from emergency aid organizations such as the Red Cross.
(FCDMC Pager) Skunk Creek Message 4 All Clear (effective time)	→ Floods on Skunk Creek and Cline Creek have dropped below critical levels. → Potential for additional extreme flooding is minimal	→ Leave the evacuation site and return to your home using the same route in reverse. → Use flashlights to examine buildings. Flammables may be inside. → Electrical equipment should be dried and checked before being returned to service. → Boil drinking water before using. Wells should be pumped out and water tested for purity before drinking. → Throw out any fresh food that has come in contact with flood waters.

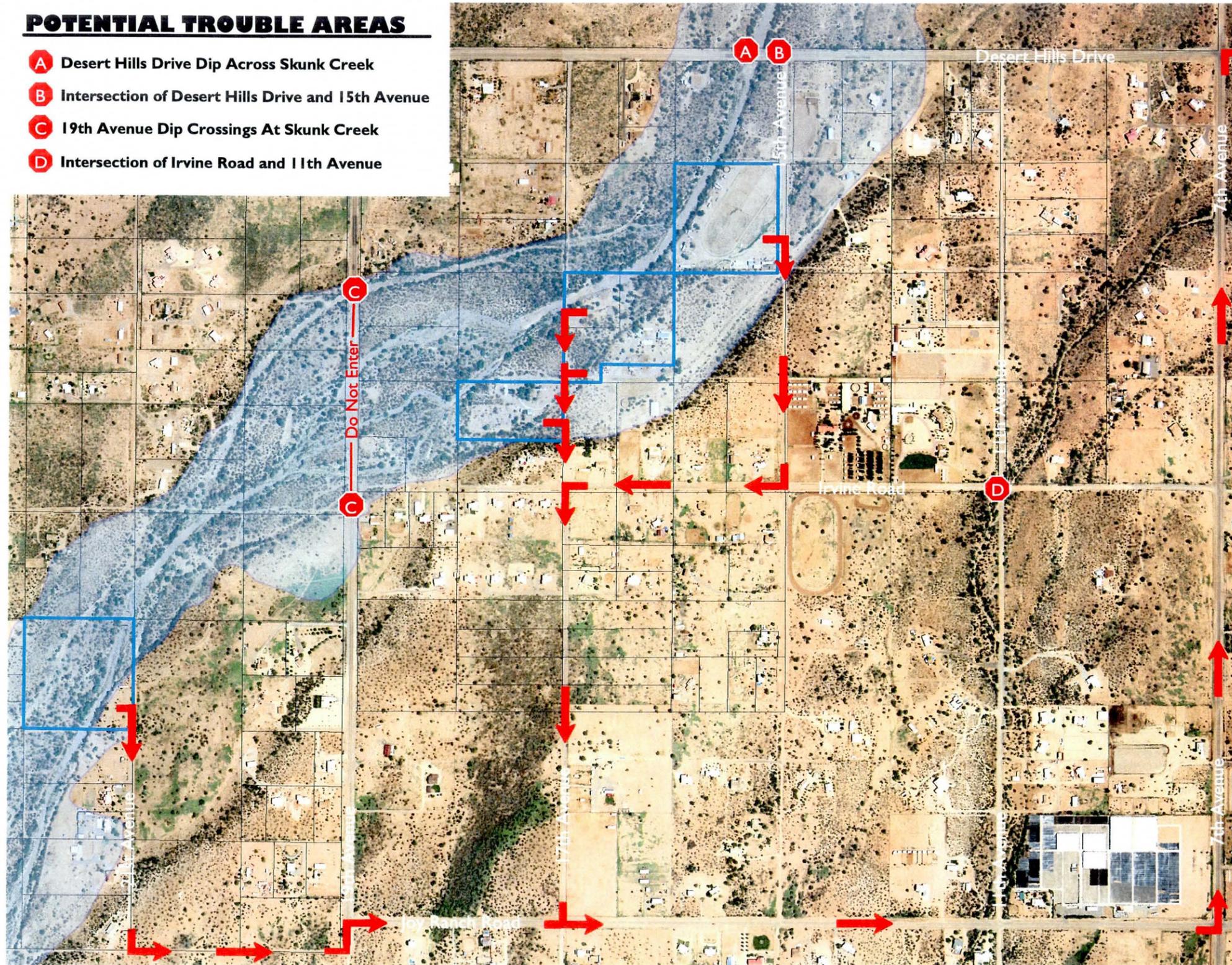
**NOTE:** The message progression may shortcut to FCDMC Message 3 or 4 at any point in the sequence as evolving flood conditions warrant. If a NWS Flash Flood Watch is in effect early in the day, the warning message sequence may shortcut to NWS Flash Flood Warning, as appropriate to changing weather conditions

# SKUNK CREEK FLOOD RESPONSE PLAN

## DESERT HILLS DRIVE GROUP

### POTENTIAL TROUBLE AREAS

- A** Desert Hills Drive Dip Across Skunk Creek
- B** Intersection of Desert Hills Drive and 15th Avenue
- C** 19th Avenue Dip Crossings At Skunk Creek
- D** Intersection of Irvine Road and 11th Avenue



**NOTE:** The Flood Control District of Maricopa County (FCDMC) and National Weather Service (NWS) will provide timely weather information and flood warning messages to you to the best of their ability using currently available technology. Be advised that prediction of flash floods is complex and conditions can change very rapidly. You have a responsibility to do what you can to remain alert for changing flood conditions impacting your residence. Closely monitor local conditions around your residence. Use the pager, weather radio, commercial radio, and television to stay informed. You may also contact FCDMC Flood Warning Branch directly for Skunk Creek flood information two ways.

1. Telephone (602) 506-8701
  2. Web site [http://156.42.96.39/alert/skunk\\_frp/sc.html](http://156.42.96.39/alert/skunk_frp/sc.html)
- Call 911 if you need emergency assistance during a flood event

**When rainfall increases rapidly or flood conditions worsen significantly, follow the instructions listed under "What You Need To Do" even if you have not received a pager or weather radio flood warning message. USE COMMON SENSE!**

### EVACUATION ROUTE

**Evacuation Site:** Daisy Mountain Fire Department Station



251 West Desert Hills Drive  
Phoenix, Arizona 85086  
(623) 465-7400

**Hopwood Trust**

- a. South (Right) on 15th Avenue to Irvine Road
- b. West (Right) on Irvine Road to 17th Avenue

**Hopwood Trust/Harper/Mathis/Birdsell**

- c. South (Left) on 17th Avenue to Joy Ranch Road
- d. East (Left) on Joy Ranch Road to 7th Avenue
- e. North (Left) on 7th Avenue to Desert Hills Drive
- f. East (Right) on Desert Hills Drive to Daisy Mountain Fire Station on South (Right) Side of Desert Hills Drive Just West of Central Avenue

**Parks**

- g. South (Right) on 21st Avenue to Joy Ranch Road
- h. East (Left) on Joy Ranch Road to 7th Avenue
- i. North (Left) on 7th Avenue to Desert Hills Drive
- j. East (Right) on Desert Hills Drive to Daisy Mountain Fire Station on South (Right) Side of Desert Hills Drive Just West of Central Avenue



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