Emergency Response and Floods



In-Depth Flood Defense

"An expanded approach to flood protection that supplements the current well-defined fixation on primary flood control structures with equally **well-defined**, **national**, **and specific criteria** for flood contingency planning and mitigation actions that will minimize loss of critical infrastructure and property and threats to public health in the event of the failure of the primary flood control structure." The California Emergency Response System



Regional Response

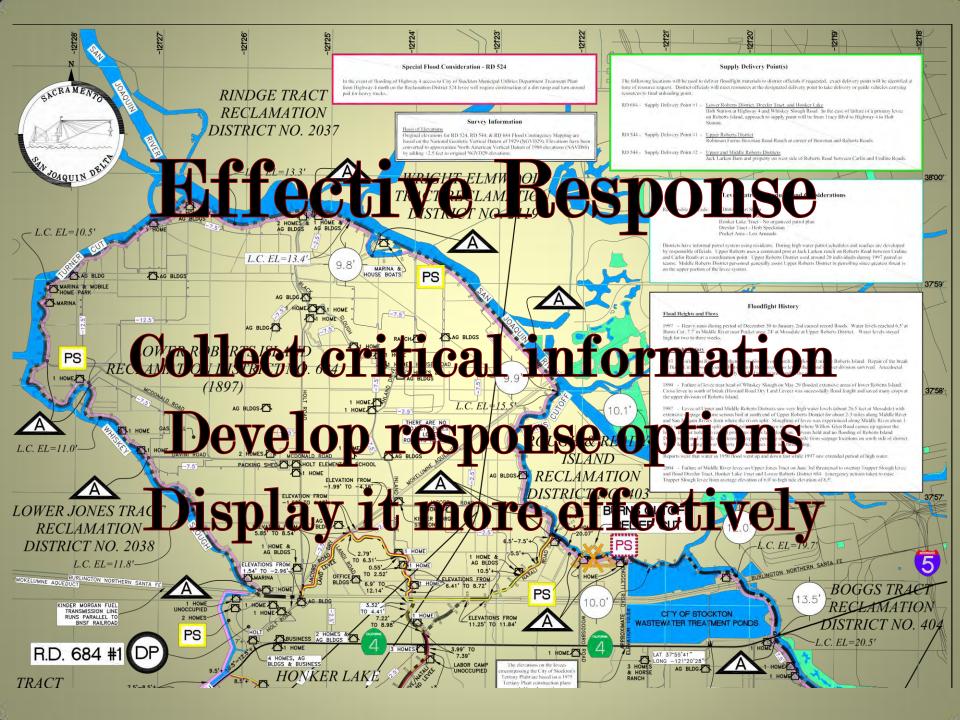
Integrated regional planning and response based on Delta topographic and infrastructure realities

Maintaining Response Systems

Delta Regional Authority?

Essential Tools

Equipment and Supplies Emergency Funding Protocol



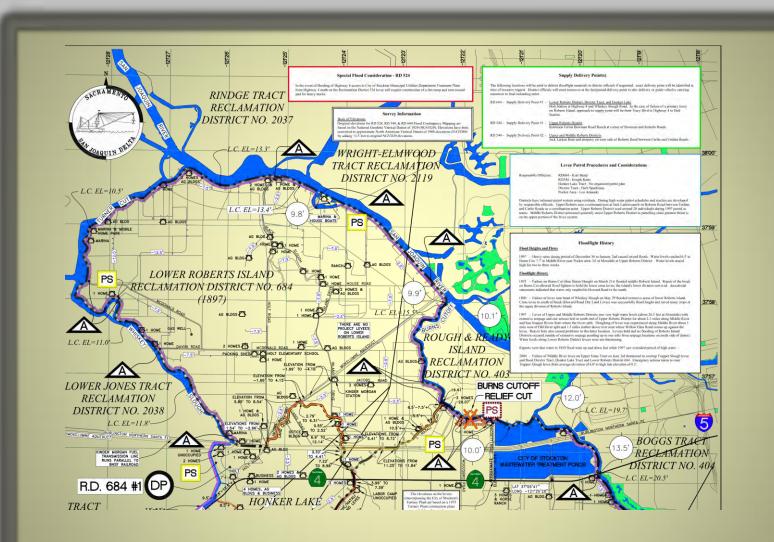
Mapping, & Flood Response

- Integrates plans /information with geography
- Cartographic cognitive tools
- Easier to assimilate information than traditional binder plans
- Easier to share, revise, transmit, and manipulate data
 - Better integration of graphics, pictures, text

The Initial Mapping Concept 1998 - 2011

• Emphasis on a hard copy map developed prior to the event – "The Standard Reference Map"

Standardization of Visual Map Elements
 Symbols
 Content
 Presentation (Visual Hierarchy, etc)

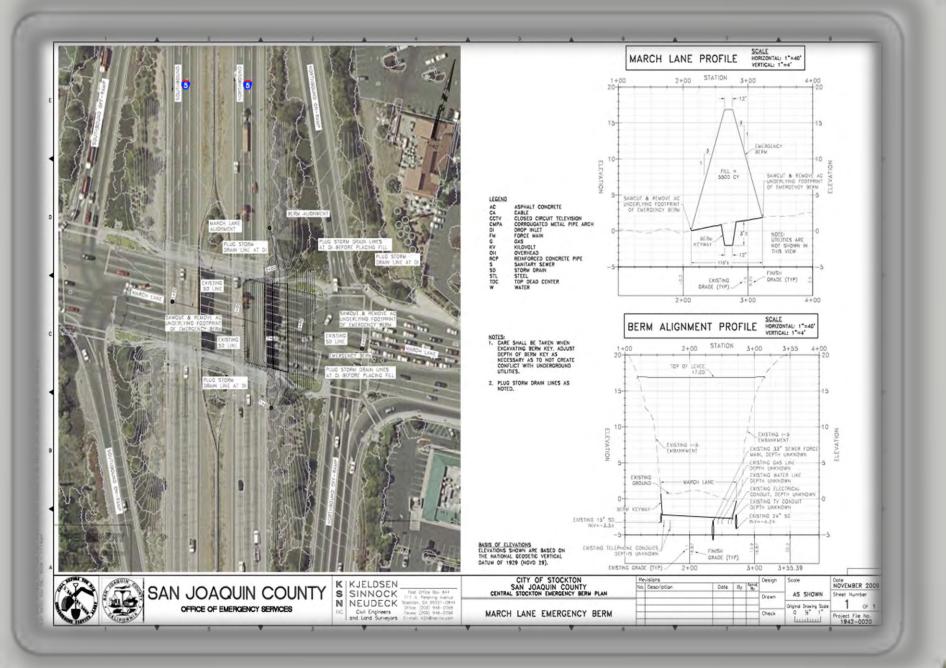


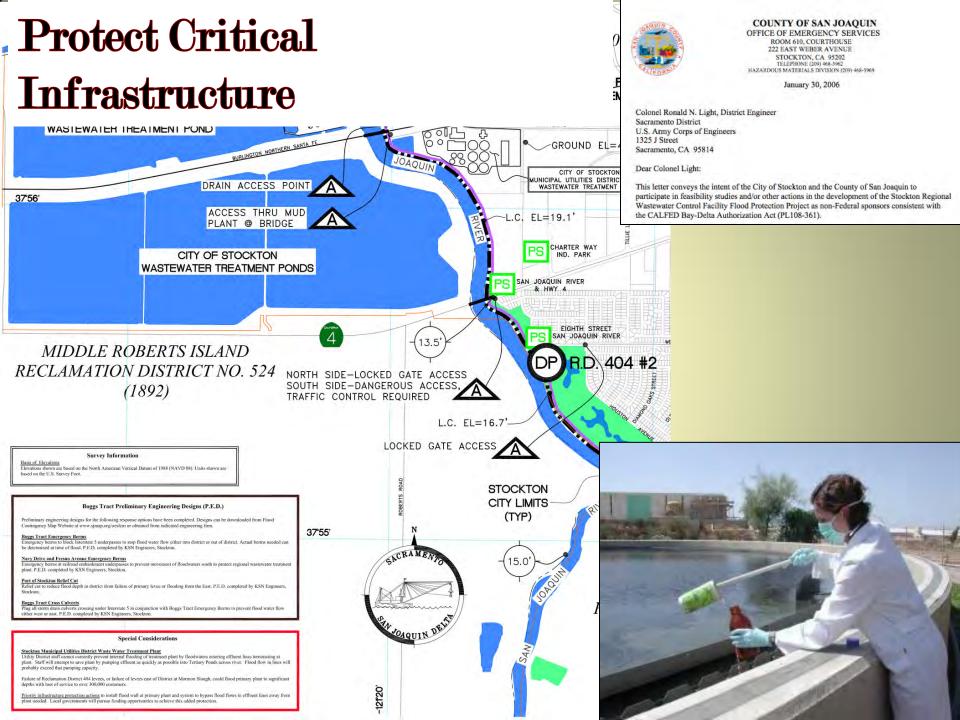
Roberts Island Flood Contingency Map, San Joaquin County (Excerpt)

Second Stage Planning

Preliminary Engineering Designs for Identified Containment Options

Projects to Protect Critical Infrastructure





Urban Evacuation Maps

MARTIN L KING BL

Locations of Vulnerable Populations

• Pre-Planned Operations/Organization

• Pre-Identified Emergency Helispots, Evacuation Routes, Rally Points

Procedural Cues & Summaries

V13

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San Joaquin County Evacuation Maps

53 Map Home Interactive Maps Static Maps Duta & Services Disclaimer Contact Us

Contact Us Links

NEWS:

sjmap.org San Jeagelin Ceently Catania U.S.

53 Gov Home 53C Com, Dev. Home 2010-02-17: Added beta testing link. 2009-01-15: Added links to Field Guides. 2007-11-05: Public Agency Evacuation Maps Test Page created!

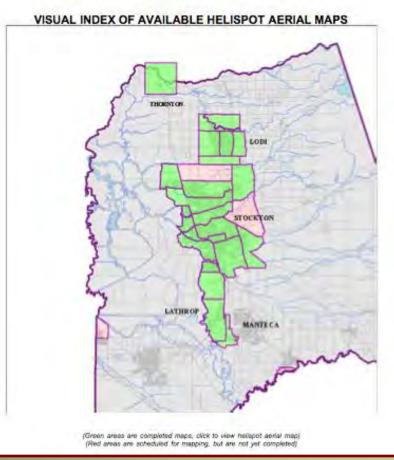
EVACUATION AND HELISPOT AERIAL MAPS

EVACUATION FIELD GUIDE LINKS

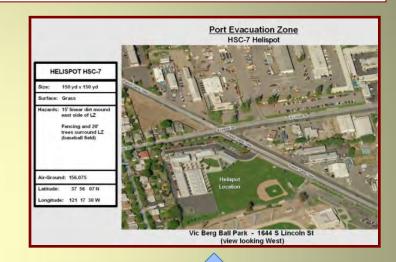
Readme file Guide Cover Organizational Charts, Summaries and Forms Checklists for County-specific ICS positions

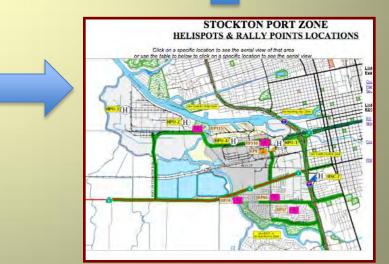
> INDEX MAPS Stockton Area Zone Map

San Joaquin County Zone Map



Map Accessibility and Enhancements





Mapping Version 2 "Dynamic Maps"

- Software Neutral Map Data System
- Simple, Open & Published File Formats
- Standard Layers for Rapid Modification
- Real-time Data Collection Functionality
- Data Manipulation Model for responders

The Stars are Aligned...

A Joint Strategy The Means

The Nexus

SB27 Report DWR Bond Programs Grants to Locals Delta Catastrophic Flood Plan Project