

# 2015 Flood Fight Training

US Army Corps of Engineers  
Omaha District

Jen Simmons

Readiness Branch

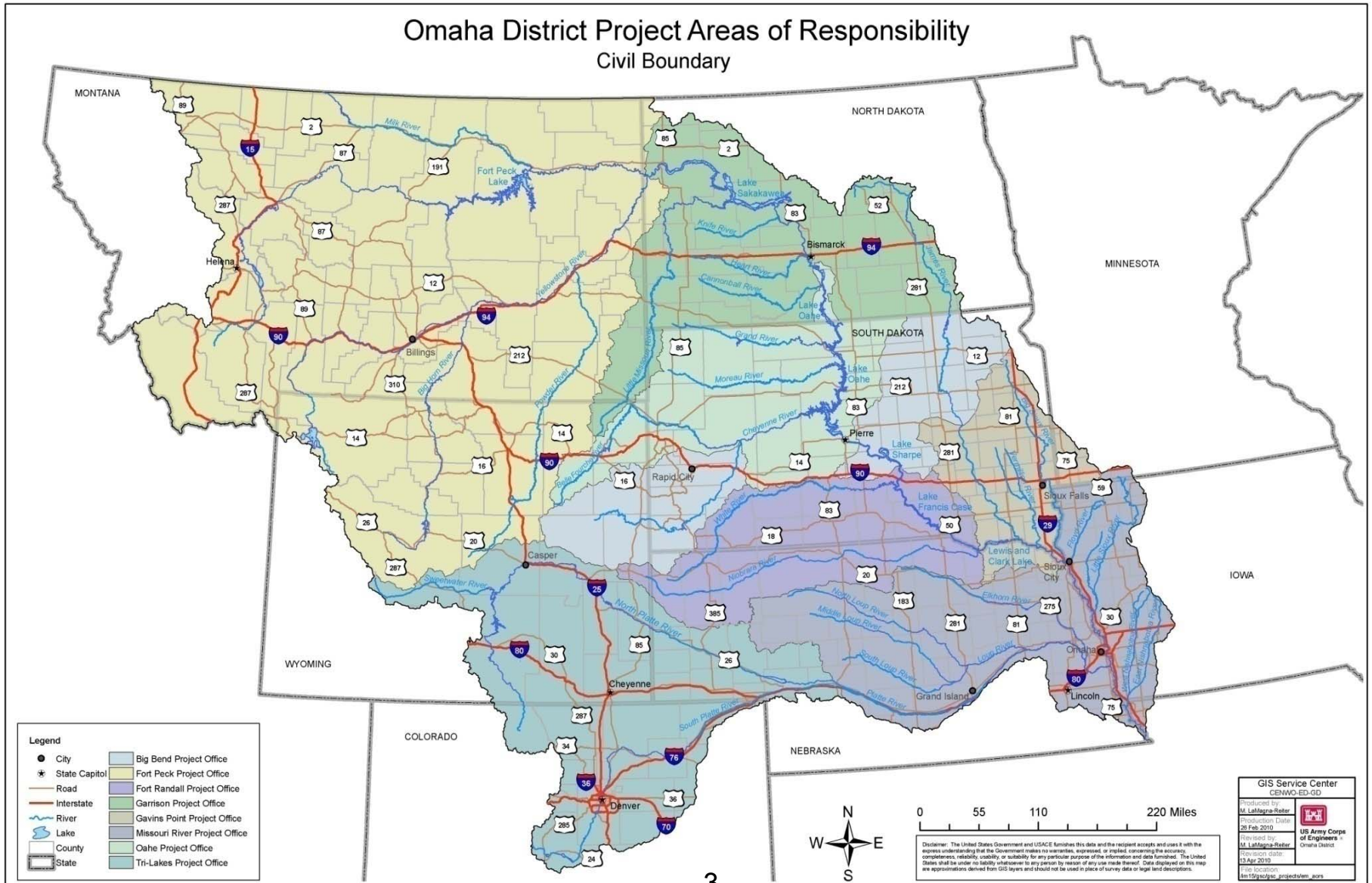
23 February 2016



US Army Corps of Engineers  
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# READINESS BRANCH BOUNDARY

Omaha District Project Areas of Responsibility  
Civil Boundary



# READINESS BRANCH

- Dedicated Emergency Operations Center (EOC)
- Staff
  - Routinely Coordinate with State Officials
  - Prepare Plans & SOPs
  - Conduct Workshops and Exercises
- Manage Emergency Supplies & Equipment
- Flood Risk Reduction Projects in the PL84-99
  - Rehabilitation Program
  - Inspection Program

- [REDACTED] (Iterations)
- Other USACE Authorities





# EMERGENCY OPERATIONS CENTER (EOC) COMPONENTS

- Emergency Management Staff Area
- Operations Area
- Communications Room
- Briefing Room
- Life Support Capabilities
- Storage Area
- 24/7 Phone Number



# LEVELS OF EOC ACTIVATION

- Activation Level 4 – Normal, everyday operations
- Activation Level 3 – Monitor, EM staff on call, Small Event or Potential
- Activation Level 2 – Partial Activation, 10 hrs or more per day, 7 days/week, Moderate Event
- Activation Level 1 – Full Activation, 24 hour per day, 7 days/week, Regional Disaster, Major Event



# HOW USACE IS ABLE TO RESPOND TO DISASTERS?

- Legislation
  - ▶ Public Law 84-99
    - Discretionary authority given to the Corps by Congress to act and react to emergencies caused by floods, contaminated water sources, and drought
  - ▶ Public Law 93-288 - Robert T. Stafford Act Disaster Relief and Emergency Assistance Act
    - Authorizes the President to provide financial and other assistance to State and Local governments, certain private nonprofit organizations, and individuals to support response, recovery, and mitigation efforts following presidentially declared major disasters and emergencies.
    - FEMA Mission Assignments
- USACE Operating Projects
- R [REDACTED]



# ASSISTANCE UNDER PUBLIC LAW 84-99

- Supplemental to state, tribal, and local efforts
- Risk Reduction Measures are Temporary in nature
- Strictly for the protection of critical public facilities and infrastructure
- Imminent flooding potential, or rivers/streams are forecasted to be at flood stage
- Provide technical assistance or direct assistance





# TYPES OF ASSISTANCE

- Advanced Measures and Emergency Operations
  - Technical Assistance
  - Direct Assistance
- Must have depleted all available resources (physical and fiscal)
- Supplemental to state and local efforts

## ❖ Activation of Federal Resources

1. County/City



2. State or Tribe

3. Federal





# RESPONSIBILITIES AND EXPECTATIONS OF THE LOCAL APPLICANTS

- Sign Project Cooperation Agreement (PCA)
- Loaned supplies and equipment must be returned in the same condition as it was when lent, replaced in kind, or reimbursement made to USACE.
- Furnish all lands, easements, right-of-ways.
- Provide borrow and disposal sites.
- Make all necessary relocations.
- Provide traffic control during construction.
- Provide monitoring for levees and pumping operations.
- Hold harmless the U.S. Federal Government free from damages.
- Physically and fiscally responsible for removal of all temporary risk



# FLOOD FIGHT SUPPLIES

- Sandbags throughout the District
- Super Sandbags
- Sandbag filling machines
- Trailer-mounted pumps
- Polyurethane Sheets
- Innovative Flood Fighting
  - HESCO
  - Portadam



(KDFW)



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# ICE JAMS

- USACE Provides **Technical Assistance Only**
- USACE will not participate in or provide support for ice jam blasting
- Flood fighting assistance for flooding caused by ice jams is allowed
- Ice Experts in Hydraulics Section
- Additional Technical Assistance is provided by Cold Regions Research and Engineering Laboratory (CRREL)





# REHABILITATION

- **Federally constructed & locally maintained systems ACTIVE in PL 84-99 program:** Qualifying damages will be repaired by the federal government at 100 percent federal cost. Pending letter of request by maintaining authority, approval, and funding.
- **Non-federally constructed & locally maintained systems ACTIVE in PL 84-99 program:** Qualifying damages will be repaired by the federal government at 80 percent federal/20 percent local cost share. Pending letter of request by maintaining authority, approval, and funding.

- **Repairs can only be made to pre-event conditions.**
- **No improvements or enhancements with**  
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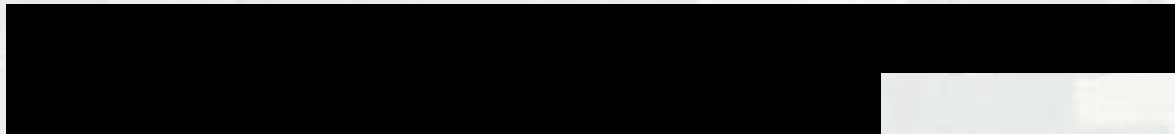
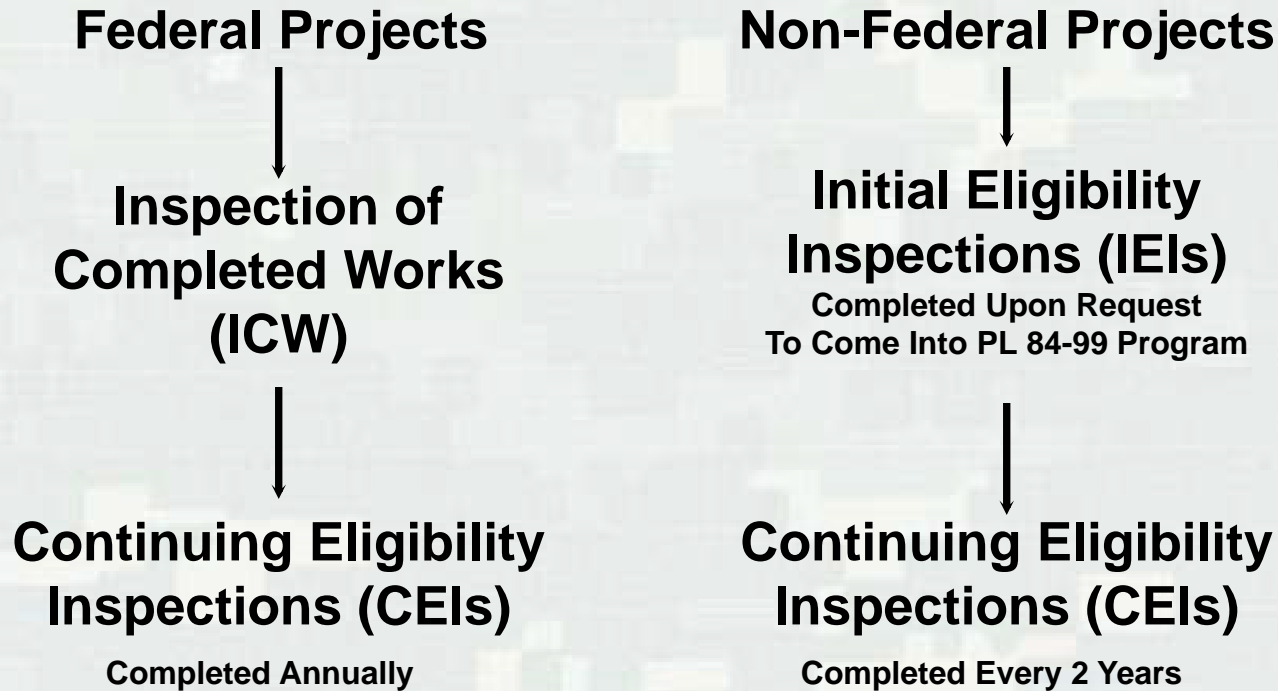




# LEVEE REHABILITATION



# PL 84-99 INSPECTION PROGRAM





# PL 84-99 – 408 ALTERATIONS

- **Flood Risk Reduction Project alterations are accomplished with Section 408 requests**
  - Process defined by Engineering Circular (EC) 1165-2-216.  
[http://www.publications.usace.army.mil/Portals/76/Publications/EngineerCirculars/EC\\_1165-2-216.pdf](http://www.publications.usace.army.mil/Portals/76/Publications/EngineerCirculars/EC_1165-2-216.pdf)
  - District approval for relatively minor, low impact alterations.
  - Headquarters approval is required for larger scale projects.
- **Section 408 and FEMA Certification Relationship**

Non-Federal sponsors modifying Federal Levees to attain FEMA Accreditation for the National Flood Insurance Program (NFIP) will likely require USACE Section 408 Approval.



# OTHER USACE AUTHORITIES

- **Technical Assistance Programs**
  - Section 22 – Planning Assistance to the States and Tribes.
  - Floodplain Management Services Program (FPMS)
- **Continuing Authorities Program (CAP)**
  - Section 14: Streambank and Shoreline Protection
  - Section 205: Small Flood Risk Management
  - Section 206: Aquatic Ecosystem Restoration
  - Section 1135: Mods for Improvement of the Environment
- **Project Specific Planning, Design, and Construction Programs**
  - General Investigations Program (GI)

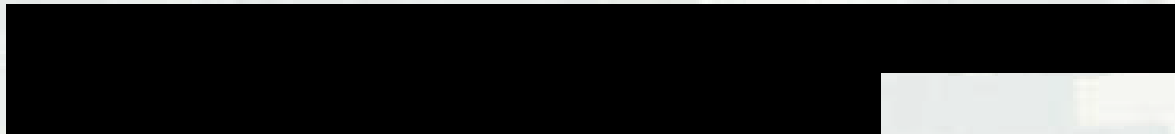
Contact

<http://www.nwo.usace.army.mil/Missions/CivilWorks/Planning.aspx>



# The Omaha District Online

- Internet: [www.nwo.usace.army.mil/](http://www.nwo.usace.army.mil/)
- Facebook: [www.facebook.com/OmahaUSACE](http://www.facebook.com/OmahaUSACE)
- Google+: [www.gopl.us/OmahaUSACE](http://www.gopl.us/OmahaUSACE)
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- DVIDS: [www.dvidshub.net/unit/OmahaUSACE](http://www.dvidshub.net/unit/OmahaUSACE)





# QUESTIONS

Phone: 402-995-2448

<http://www.nwo.usace.army.mil/Missions/EmergencyManagement.aspx>

