



Future of MRFTF

1:15 – 2:15



Future of MRFTF

Thoughts on Closure and Transition

Overview of Silver Jackets

Tom Oswald,
Iowa Homeland Security and
Emergency Management Division



Future of MRFTF

Thoughts on Closure and Transition

Overview of the Missouri River Basin Interagency
Roundtable

Tom Christensen,
Natural Resources Conservation Service

**IOWA *SILVER JACKETS*
FLOOD RISK MANAGEMENT TEAM &
INTERAGENCY LEVEE WORK GROUP**

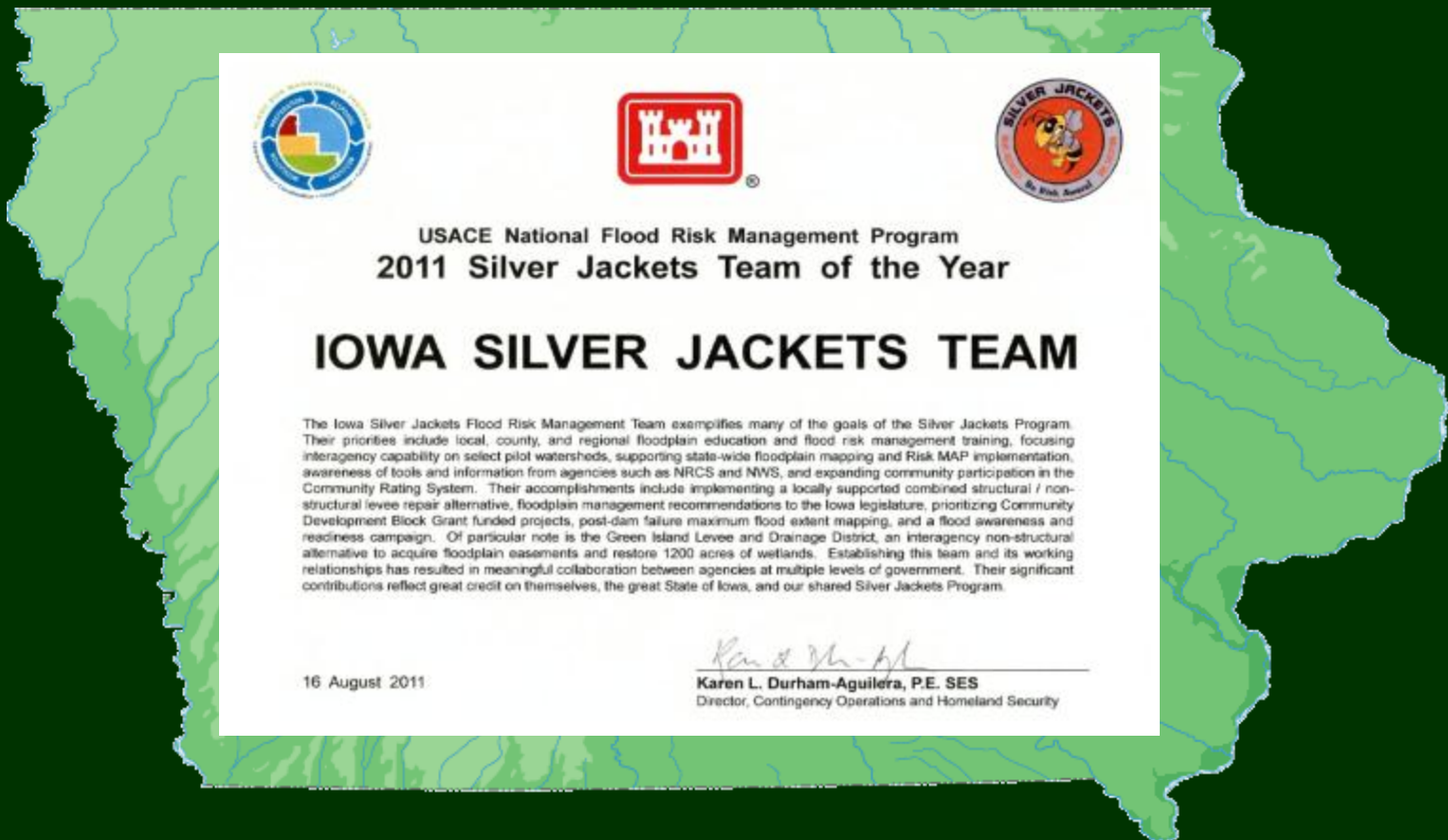


Missouri River Flood Task Force
Marriot Hotel, Regency Circle, Omaha, NE
February 28, 2012

IOWA *SILVER JACKETS* FLOOD RISK MANAGEMENT TEAM

- **Initiated during the floods of 2008**
- **Multi-state flood risk management team**
- **Includes state and federal agencies**
- **Met frequently during the 2008 recovery process**
- **Continue to meet at least quarterly**

IOWA SILVER JACKETS FLOOD RISK MANAGEMENT TEAM



**USACE National Flood Risk Management Program
2011 Silver Jackets Team of the Year**

IOWA SILVER JACKETS TEAM

The Iowa Silver Jackets Flood Risk Management Team exemplifies many of the goals of the Silver Jackets Program. Their priorities include local, county, and regional floodplain education and flood risk management training, focusing interagency capability on select pilot watersheds, supporting state-wide floodplain mapping and Risk MAP implementation, awareness of tools and information from agencies such as NRCS and NWS, and expanding community participation in the Community Rating System. Their accomplishments include implementing a locally supported combined structural / non-structural levee repair alternative, floodplain management recommendations to the Iowa legislature, prioritizing Community Development Block Grant funded projects, post-dam failure maximum flood extent mapping, and a flood awareness and readiness campaign. Of particular note is the Green Island Levee and Drainage District, an interagency non-structural alternative to acquire floodplain easements and restore 1200 acres of wetlands. Establishing this team and its working relationships has resulted in meaningful collaboration between agencies at multiple levels of government. Their significant contributions reflect great credit on themselves, the great State of Iowa, and our shared Silver Jackets Program.

16 August 2011


Karen L. Durham-Aguilera, P.E. SES
Director, Contingency Operations and Homeland Security

IOWA SILVER JACKETS FLOOD RISK MANAGEMENT TEAM

- **Typical agenda items**
 - *Flooding and flooding potentials*
 - *MO River ILWG*
 - *FEMA Levee Policies*
 - *USACE FRM & SJ Workshop*
 - *Floodplain and inundation mapping*
 - *Iowa-Cedar Watershed Planning*
 - *National Levee Database*
 - *Corps PAS & FPMS Programs*
 - *Pilot project(s)*

- **Some continuing efforts**
 - *Increase CRS participation*
 - *Promote IFSMA*
 - *Support FRM training and education*



Iowa Flood Center presentation by Larry Weber; SJ meeting on 1/25/12 at the NWS office in Johnston, IA

PILOT PROJECTS

- **SJ team identified extensive list of potential pilot projects**
- **2 projects scope out and submitted for funding consideration**
- **1 project selected**
 - **Project title: *Floodplain Management and Communication of Risk in the Iowa-Cedar Watershed***
 - **Total project cost: \$130,000**
 - **Primary project team: IA DNR, FEMA Region VII, Corps - Rock Island District**
 - **Project status: database development underway**

INTERAGENCY LEVEE WORK GROUP

MISSOURI RIVER FLOODS OF 2011

- **When the Missouri River flood of 2011 began to recede, the Iowa Interagency Levee Work Group (ILWG) was stood up as a part of the Governor's *Missouri River Flood Recovery Coordination Task Force***
 - *The Task Force is comprised of the following work groups ; Agriculture, Natural Resources, Communications, Transportation, Education, Housing, Health & Human Services, Economic Development, Utilities, Hazard Mitigation and Public Assistance. The TF is chaired by BG Derek Hill.*
- **Because of the ongoing Silver Jackets efforts, the transition was relatively painless. Due to the magnitude of the flood the Omaha District didn't respond as quickly as we would have liked, eventually Randy Behm was assigned as Omaha's ILWG representative**

INTERAGENCY LEVEE WORK GROUP

- State of Iowa participants; Natural Resources, Economic Development Authority, Transportation, Agriculture & Land Stewardship, Iowa Flood Center, Iowa State University, Iowa Utilities Board, Homeland Security and Emergency Management
- County and city participants; Supervisors, emergency management from Fremont, Mills, Pottawattamie and Harrison Counties, city of Council Bluffs, City of Hamburg
- Representatives from levee districts, both PL 84-99 and non-PL 84-99
- Federal participants; USACE Omaha District, FEMA, NRCS, USGS, NWS
- Also; Ft. Calhoun Nuclear Plant, MidAmerican Energy, Iowa Farm Bureau Federation, Iowa Corn Growers Association, Iowa Natural Heritage Foundation

L 575 FREMONT COUNTY JUNE 13 FAILURE

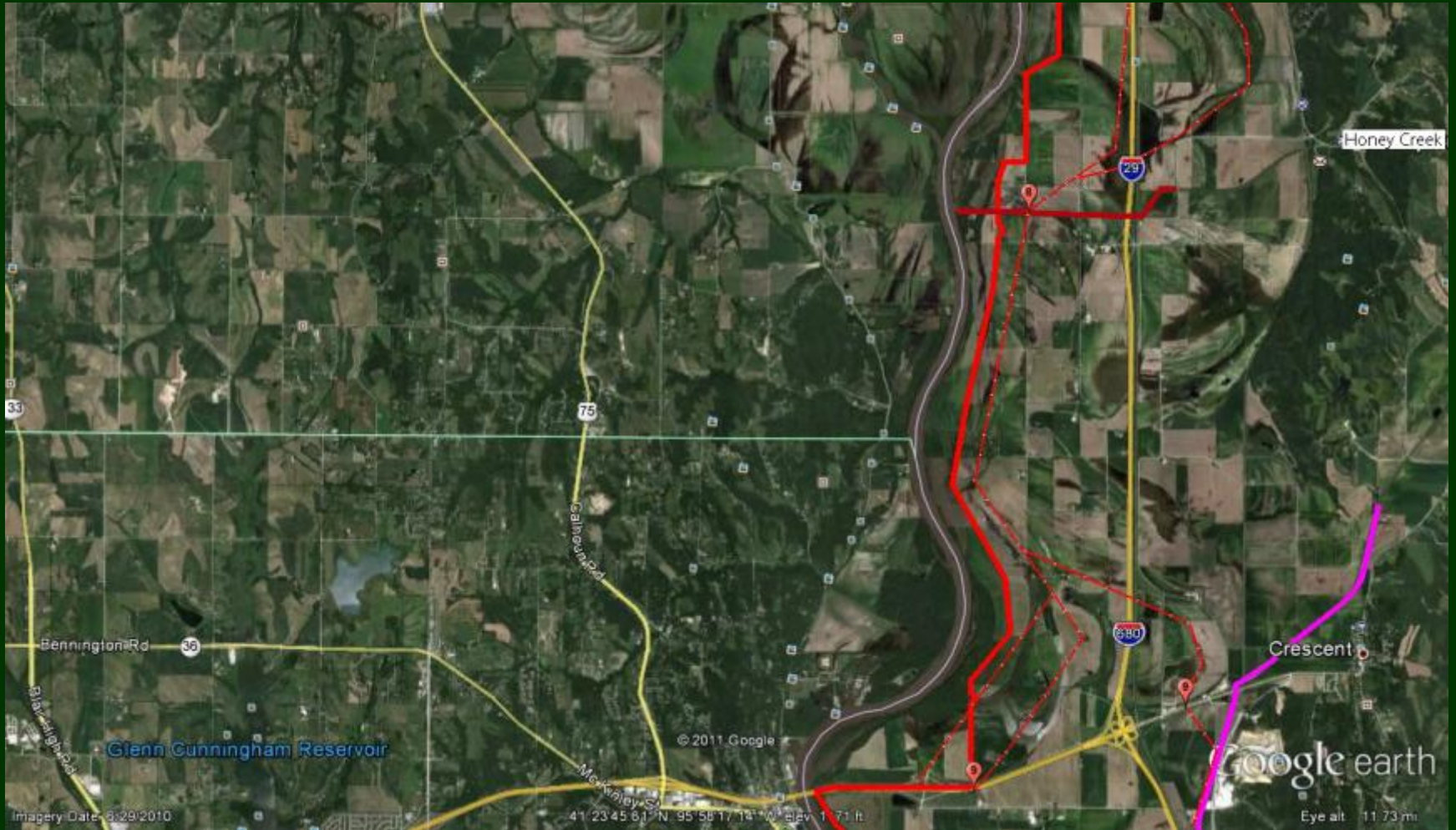
- 3 failures
- Cities of Percival & Bartlett
- 1,000's of acres of cropland inundated
- Repairs are nearly completed
- Hiway 2 setback
- Levee accreditation issues
 - More than L575
- Nonstructural alternatives?
 - Up and down the river



DESOTO BEND CUT



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- **DS of Hiway 30 bridge near Blair, NE**
- **DNR property, huge scour hole**
- **Overland flow through DeSoto National Wildlife Refuge**
 - Bertrand river boat
- **Cut through levee system**
- **Impacted I-29 & I-680**
- **Inundated 1,000's of acres of cropland**
- **Create new channel?**
- **Impact in 2012?**
- **Emergency management concern?**
- **Ft. Calhoun nuclear plant?**
- **Infrastructure impact?**
- **Who can fund it?**
- **Not an improved facility**
- **WHAT TO DO?**

DESOTO BEND CUT

- **ILWG was the vehicle**
- **Technical agencies; USACE, DOT, DNR, NRCS, USGS**
 - Engineering was the 'easy' part
- **Facility managers; Ft. Calhoun, DeSoto NWR**
- **Counties and cities**
- **Recurrence interval was calculated**
- **NRCS EWP – not an exigency. Completed a DSR**
- **USACE studying for navigation concerns**
- **Agencies just kept coming back!!!**
- **Union Pacific needed fill material**
 - Used sand and silt from farm field
 - Haul road next to river
 - Vulnerable?
- **Iowa DNR is considering armoring the river side bank**
- **Future USACE work?**
 - Navigation issue?
- **USGS monitoring contract w/HSEMD**

Stage-discharge rating, not stable; river still in a state of transition; monitoring through FFY
- **Not totally resolved yet**

LESSONS LEARNED

- **Start the ILWG earlier**
- **Engage more local interests earlier**
- **Process does not co-opt authorities, rather should enhance**
- **Just ask!**
- **I believe representatives think it's worthwhile since they continue to come and we add more members**
- **Be flexible**
- **Create sub-committees with focus**
 - **Levee inventory; levee assessments**
- **Will disband at some point and ongoing FRM work will be a part of Silver Jackets**
- **Start your state Silver Jackets team; keep in touch during peace time**

Tom Oswald
Iowa Homeland Security and Emergency Management Division
Chair; Iowa Interagency Levee Work Group

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515-729-4593





Missouri River Basin Interagency Roundtable (MRBIR)

Thomas Christensen

MRBIR Chair

Regional Conservationist

USDA Natural Resources Conservation Service

Washington, DC

for

Missouri River Flood Task Force

February 28, 2012

Omaha, NE

Missouri River Basin Interagency Roundtable

The Missouri River Basin Interagency Roundtable (MRBIR) is a forum for Federal Agencies advocating for a collaborative approach to addressing issues within the Missouri River watershed.





Missouri River Basin Interagency Roundtable

GOAL

Seek opportunities for collaboration, coordination, and communication among Federal Agencies and, when possible and where appropriate, to communicate to other basin interests with a single Federal voice on issues within the basin.



Missouri River Basin Interagency Roundtable

EXECUTIVE COMMITTEE

- Meets twice a year; once in the summer and once in the winter. Meetings are intended to share Agency priority initiatives, discuss relevant issues, determine future courses of action, and identify opportunities to develop partnerships to address, and potentially resolve, complex Basin issues.



Missouri River Basin Interagency Roundtable

EXECUTIVE COMMITTEE

- Bureau of Indian Affairs
- Bureau of Land Management
- Bureau of Reclamation
- Federal Emergency
Management Agency
- Federal Highway
Administration
- Forest Service
- National Park Service
- Natural Resources
Conservation Service
- National Weather Service
- US Army Corps of Engineers
- US Environmental Protection
Agency
- US Fish and Wildlife Service
- US Geological Survey
- Western Area Power
Administration



Missouri River Basin Interagency Roundtable

POTENTIAL PRIORITIES OF MRBIR

1. Missouri River Ecosystem Function
2. Missouri River Basin Climate Collaboration
3. Missouri River Basin Federal Tribal Relations
4. Sediment





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