Post Earthquake/ Disaster Training

Level I Inspection Procedures and Road Closure

OBSERVATIONS:

- EQ's tend to occur at the end of faults.
- Midwest Buildings have not been tested.
- The 1811/1812 Quake had >1800 aftershocks -3 major (8 M) and over 50 moderate.
- Past EQ's occurred in 900AD, 1530 &1811 (average 450 years)-- last WVQk was 6000.

- 50Ye.PROBABILITY
- Magnitude 6.3--90%
- Magnitude 7.1--66%
- Magnitude 7.6--25%
- Magnitude 8. ---3%
- EQ energy doubles with each 0.2 increase in Richter: A 7. Mag. releases 32 times the energy of a 6. Mag.

LEVEL 1 & 2 INSPECTION GOALS:

- 1. Make the Roads Safe for the Public/EM by CLOSING damaged bridge/road sections. Priority roads are inspected first.
- 2. ACCESS of the Damage and RELAY that to STATE/SEMA.
- 3. Start the REPAIR/RECOVERY process by organizing Inspections and in-house repairs.

REPORTING TO WORK IN A MAJOR DISASTER

- AFTER YOU HAVE CHECKED OUT YOUR FAMILY AND PROPERTY: IF YOUR PHONE IS NOT WORKING:
- UNLESS YOU ARE ASSIGNED STAFF
- ALL OTHERS SHOULD REPORT TO THE CLOSEST INDOT UNIT FACILITY TO YOUR HOME.
- BRING FOOD, WATER & CLOTHING TO LAST A PERIOD OF 72 HOURS.

ASSIGNED DISASTER STAFF

- TO VINCENNES DO:
- Director, Dept. Heads, Safety Coor., Bridge
 Eng, Operations
 Support Engineers &
 Misc Staff to handle
 phones, radio etc.
- TO SUBDISTRICTS:
- Managers, Operations
 Foreman and Damage
 Accessment Coord's:
- Linton-Mike Dyar
- Dale--Richard Thomas
- EvansvilleCurt Schum
- Paoli---Arnie Apple
- Tell City--Aden Carr
- Petersburg--R. Fowler

RESPONSE PROCEDURES

- Make Operational ALL Unit Facilities in the disaster affected area.
- If any Unit opens then its Subdistrict and the District will open to provide support.
- Immediately establish Communications (both Phone & Radio) between facilities.
- Unless directed otherwise, all Units are to start two person LEVEL 1 INSPECTIONS on Priority Routes when people arrive.



The First Person at Unit should:

- Before entering any buildings--Check to see that gas & electricity are not damaged.
- Establish Phone & Radio Communications with your Subdistrict. ALWAYS have a person monitoring Communications.
- Open Disaster Cabinet and locate Primary Route Packets and other needed tools.
- As soon as two more people arrive start your Level 1 Primary Route Inspections doing Route A, B... until all are assigned.

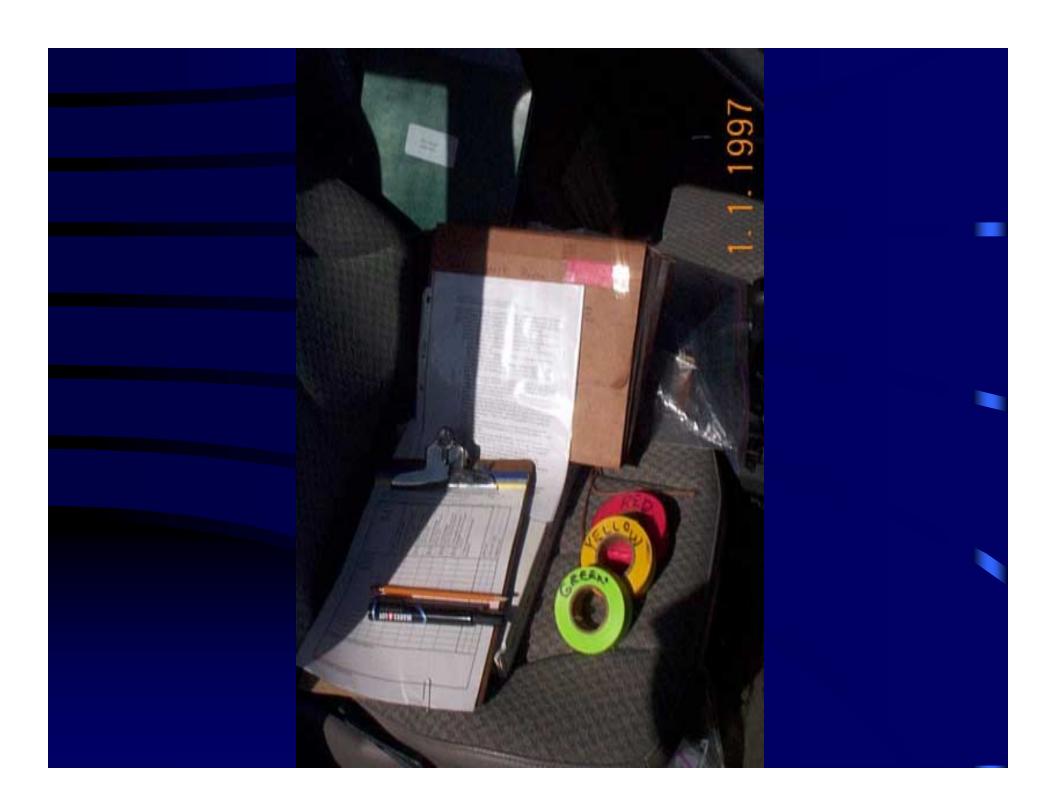
LEVEL 1 INSPECTION PROCEDURES

- PICK UP THE LEVEL 1 PRIMARY ROUTE INSPECTION KIT A then B etc.
- READ INSTRUCIONS AND FOLLOW DIRECTIONS. DO NOT VARY FROM ASSIGNED ROUTE EXCEPT FOR LD.
- LOAD RADIO EQUIPPED VEHICLE WITH PROVIDED EQUIPMENT.
- SIGN OUT AT START OF YOUR LEVEL 1 PRIMARY ROUTE INSPECTION.









- LEVEL 1 INSPECTION CONTINUED:
- Drive your route recording all ROADWAY problems observed-cracked pavement-slides
- STOP at EVERY BRIDGE and do a quick visual of the entire bridge. Tag each bridge marker with an appropriate ribbon.(G-Y-R)
- Complete the LEVEL 1 INSPECTION
 FORM for all bridges on the priority route.
 Record all damage observed and by radio
 IMMEDIATELY REPORT DAMAGE
 REQUIRING CLOSURE.
- Sign in and get directions about Inspecting Secondary Routes or if aftershocks Primary.

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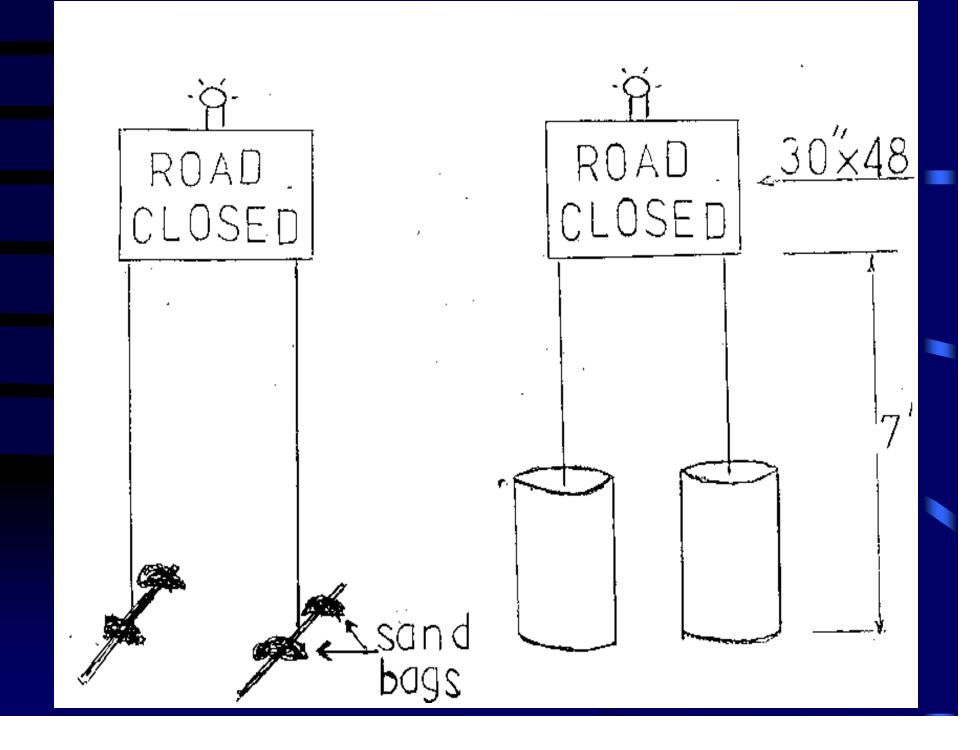


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RD CLOSURE PROCEDURES:

- When Disaster Damage requires the closing of a road/bridge, the unit will Radio in the closure & use the two "Road Closed" signs that are stored in each unit for each Route.
- Set up the Rd Closed Sign on the approach and find a route (state/county road) around to the other side of the closure for 2nd sign.
- Continue the Inspection on your primary route. If more closures are found radio your unit for direction. It is CRITICAL that the inspection be completed in a timely manner so only stop for life or death situations.



Follow up Level 2/3 Inspections:

- If Yellow or Red Tags are found in Level 1 Insp. then results are turned over to Level 2 Damage Assessment Team (CE or EAS's).
- DAT's will load radio/phone equipped vehicle with provided inspection equipment and proceed to damage area to perform LEVEL 2 In-depth Inspection of Rd/Bridge.
- If the damage is not repairable/correctable a LEVEL 3 Inspection will be done by CO design/consultants.



PREPARE FOR DISASTER BY:

- PRE-EQ-----
- PRACTICE ESCAPE
 & MEETING PLACE
- SECURE HEAVY ITEMS-waterht, book.
- KNOW WHERE TO SHUT OFF GAS etc
- LEARN FIRST AID
- KEEP EMERGENCY FOOD, WATER, BATT. RADIO ETC.

- DURING A EQ----
- INDOORS TAKE COVER UNDER BED, DOORWAY, TABLE. AVOID GLASS & BRICK
- OUTDOORS GO TO OPEN AREA AND LAY DOWN. STAY AWAY FROM BLDG & BRIDGE STRS.
- PICKUP PASSOUT