FEMA, State, and Local Government’s

JOINT PRELIMINARY DAMAGE ASSESSMENT (PDA)

For

INFRASTRUCTURE

the Public Assistance Program
How we get a Public Assistance Declaration (usually)

Step 1.

Disaster Strikes

Step 2.

Initial Damage Assessment (IDA)
Report damages to Local Emergency Manager (EM).

Step 3.

Local county EM compiles all IDAs and submits to OEM. OEM reviews, and makes recommendation to Governor.

Step 4.

Preliminary Damage Assessment (PDA) is a Joint FEMA/State effort to evaluate damage with local representatives.

Step 5.

FEMA reviews PDA evaluating Severity, Magnitude, and Impact. FEMA makes recommendation to President.

Step 6.

DECLARATION

Governor request Federal Assistance
A Governor’s request for a declaration by the President “shall be based upon a finding that the disaster is of such magnitude and severity that effective response is beyond the capabilities of the state and local governments”

Section 401, Public Law 93-288, as amended; 44 CFR 206.36 and 206.48

To assess and define the Magnitude and severity Of the disaster--

Magnitude = how “big” a disaster
Severity = how “bad” a disaster
Joint Preliminary Damage Assessment

Purpose

- Assessment used to determine the magnitude and impact of an event
- FEMA/State team visit local applicants and view their damage first hand to assess the scope of damage and estimate repair costs
- State uses results to determine if situation is beyond the combined capabilities of State and local resources
- Verify the need for supplemental Federal assistance
- Basis for requesting Federal disaster assistance
Joint Preliminary Damage Assessment

Continued

• Serves as foundation for preparing *Regional Summary and Regional Analysis and Recommendation*

• HQ makes recommendations to the President whether Federal assistance is warranted

• Helps forecast staffing levels, space requirements, and technical and other resources for Federal and State management of a recovery operation
Process of the Joint PDA

**TYPES OF ASSESSMENTS**

- **possible PDA efforts under Stafford Act**
  - Public Assistance
  - Human Services
  - Hazard Mitigation

**Authorized under the Act**
- Public Assistance
- Human Services
- Hazard Mitigation
- Direct Federal Assistance
Process of Joint Infrastructure (IS) PDA

BACKGROUND - FACTORS CONSIDERED (1 OF 2)

- Estimated cost of eligible assistance
  - Statewide per capita impact of $1.22 (FFY 2007)
  - Countywide per capita impact of $3.05 (FFY 2007)
  - Minimum of $1 million statewide
    - 44 CFR 206.48 (a)(1)
    - Memorandum from Executive Associate Director, 9/29/06

- Localized impacts
  - Consider extraordinary concentration of damages
  - Consider impact to critical facilities
    - 44 CFR 206.48 (a)(2)

- Insurance coverage
  - Consider amount in force (and should be in force with regards to flood insurance)
  - Reduce damage cost by anticipated proceeds
    - 44 CFR 206.48 (a)(3)
Process of Joint IS PDA

BACKGROUND - FACTORS CONSIDERED (2 OF 2)

- **Hazard mitigation**
  - Consider extent mitigation efforts reduced disaster damages
    - 44 CFR 206.48 (a)(4)

- **Recent multiple disasters**
  - Consider past 12-month disaster history locally and statewide
  - Stafford Act assistance and declarations by the Governor
    - 44 CFR 206.48 (a)(5)

- **Other Federal programs**
  - Consider availability of other appropriate Federal assistance
    - 44 CFR 206.48 (a)(6)
Process of Joint IS PDA

TYPES OF INFORMATION OBTAINED DURING AN IS PDA

1 – Population and Budgetary Data

- **Population and budgetary data**
  - Obtain population of **counties**, major jurisdictions, and **states** to calculate per capita impacts
  - Obtain operations and maintenance budgets, per potential Applicant, to help verify and support conclusions

Four Types IS PDA Information
- population and budgetary data
- site-specific evaluations
- site-specific and jurisdictional-wide impacts
- special considerations
Q. How do you prioritize areas and critical facilities?

A. Ask questions to determine worst hit (priority) areas

- “Where are the most severely impacted areas?”
- “Where are the “high dollar” or most costly damages located?”
- “What damaged facilities have the most severe impact on the community?”
- “What essential/critical facilities or structures were damaged?”

Examples of critical facilities
(Sec. 406(B), Disaster Mitigation Act 2001)

- Hospitals, urgent care facilities
- Electric utilities, facilities, systems
- Water/wastewater treatment facilities
- Fire and police stations
- Communication facilities
- Important government facilities

Process of Joint IS PDA

TYPES OF INFORMATION OBTAINED DURING AN IS PDA

2 – Site-Specific Evaluations

- Site-By-Site Evaluations of Eligible Work
  - Develop, record scope of work, and cost estimates for prioritized areas, critical facilities, and other facilities
  - Develop projections for less severely damaged sites
  - Collaborate and reconcile differences
  - Summarize data for all jurisdictions surveyed
Q. How do you determine impacts?

A. Ask questions to determine severe impacts.

- “What health and safety threats exist?”
- “Are there isolated segments of the population?”
- “What local resources were committed?”
- “What are the affects on business and commerce?”
- “How will repairs be made? Scheduled? Paid for?”
- “What happens if no Federal assistance is made available?”

Examples of impacts

- Existing debris endangers residents, and impedes traffic
- Emergency vehicles cannot pass
- Road closure necessitates alternate routes in excess of 5 miles
- No additional local and county resources exist
- Severe loss to tax base
- Limited water treatment capacity exists

Four Types IS PDA Information

- population and budgetary data
- site-specific evaluations
- site-specific and jurisdictional-wide impacts
- special considerations

Site-specific and jurisdictional-wide impacts

- Record the impact of the damages on a site-by-site basis
- Summarize impacts for the public entity surveyed
Process of Joint IS PDA

TYPES OF INFORMATION OBTAINED DURING AN IS PDA

4 – Special Considerations

- **Examples of Special Considerations**
  - Flood and general insurance
  - Large quantities of debris and debris types
  - Environmentally sensitive areas (wetlands, floodplains, beaches, etc.)
  - Socioeconomic/Environmental Justice
  - Critical habitat areas or endangered species
  - Historic or potentially historic properties affected
  - Past mitigation practices

Four Types IS PDA Information
- population and budgetary data
- site-specific evaluations
- site-specific and jurisdictional-wide impacts
- special considerations
PART I - APPLICANT INFORMATION

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<tr>
<th>COUNTY</th>
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<th>NAME OF LOCAL CONTACT</th>
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PART II - COST ESTIMATE - SUMMARY (COMPLETE SITE ESTIMATE BEFORE SUMMARIZING BELOW)

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<th>Potential Local Funds for Recovery</th>
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<td>Emergency Protective Measures</td>
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<td>Parks &amp; Other</td>
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TOTAL $17,906,399.00 TOTAL 0

PART III - DISASTER IMPACTS (USE SEPARATE SHEETS IF NECESSARY)

A. GENERAL IMPACT
1. IDENTIFY AND DESCRIBE DAMAGES WHICH CONSTITUTE A SERIOUS HEALTH AND/OR SAFETY HAZARD.
   Debris has restricted road access and presents health hazard due to potential rodent and other insects. Bridge failure resulted in loss of access to residences, bus route lost. Restricted access on damaged roads is safety hazard for emergency vehicles and local residents. Building unstable, potential for failure. Water supply threatened. Water supply pump station off-line.
2. POPULATION ADVERSELY AFFECTED DIRECTLY OR INDIRECTLY BY THE LOSS OF FACILITIES OR DAMAGES?
   Bridge failure, access to residences limited on rough roads, hazardous to emergency vehicles. Loss of county Police Station.
3. WHAT ECONOMIC ACTIVITIES ARE ADVERSELY AFFECTED BY THE LOSS OF PUBLIC FACILITIES OR DAMAGES?
   Loss of County Police Station, major risk to public. County Police have been meeting in court house.

B. RESPONSE CAPABILITY: CAN THE APPLICANT RESPOND AND RECOVER FROM THE DAMAGES QUICKLY AND WITHOUT DEGRADATION OF PUBLIC SERVICES? DESCRIBE.
   No, damage is extent enough to take from county employee's normal routine.

C. IMPACT ON PUBLIC SERVICES IF DECLARATION IS NOT MADE: e.g. Deferral of permanent repairs, impact on ongoing services and capital improvements, etc. Describe.
   Significant hardship on remaining budget - 3/4 of fiscal year remaining with only half of budget available. Disaster damages would require more that remaining maintenance budget.

NAME OF INSPECTOR | AGENCY | PHONE NO. |
-------------------|--------|-----------|
FEMA Form 90-80, JAN 84

PRELIMINARY DAMAGE ASSESSMENT SURVEY (PDA)

- IMPACT
- SEVERITY
- MAGNITUDE
### Process of Joint IS PDA

**PDA SUMMARY OF DAMAGES FOR ALL POTENTIAL SUBGRANTEE**

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- County per capita impact of $42.18
- State per capita impact of $2.56

*Notes:
- Estimates reflect total eligible costs before any cost sharing.
- Oregon Population (2000 census: 3,421,300)
- Cost Per Capita is adjusted.*
Request for major disaster declaration

Governor has 30 days from incident to request a major disaster declaration

The basis of the request shall contain:

- Beyond State and local government to respond
- Federal assistance under the Act is necessary to supplement the efforts by State and local governments to alleviate the result of the disaster

The letter also includes information describing nature and amount of State and local resources committed
<table>
<thead>
<tr>
<th>County</th>
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<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
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<td></td>
<td></td>
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<tr>
<td>Totals:</td>
<td>$1,870,936</td>
<td>$10,517,973</td>
<td>$141,500</td>
<td>$598,788</td>
<td>$2,433,368</td>
<td>$111,530</td>
<td>$15,816,295</td>
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</tr>
</tbody>
</table>

**ENCLOSURE B TO MAJOR DISASTER REQUEST**

Estimated Requirements for Public Assistance
Stafford Act
Preparing for the Joint IS PDA

- Have cost documentation ready make copies of cost documentation (be prepared to review with FEMA/State)
- Have pictures of disaster damage
- Have estimates ready for review (and possible mitigation proposals/opportunities)
- Be prepared to go over agencies budget
- List damage locations on a map (site visits?)
- Be prepared to answer the PDA impact questions and provide summary of disaster damage (see handout)
Conducting the PDA

- When possible, use same local inspectors as those used in the IDA
- One group of teams will assess dwellings and businesses
- Other teams will assess infrastructure and emergency response costs
Two reports submitted to Washington, D.C.
### Process of Joint IS PDA

**REGIONAL REPORTS**

#### Regional Analysis and Recommendation

- Incident, incident period
- Governor’s request and statutory requirements
- State and local resources committed?
- State of emergency declared? Where? When?
- Insurance available? Where? When?
- Voluntary agencies involved? Which ones?
- Other Federal agencies available?
- Past hazard mitigation activities available?
- Previous disaster history?
- Human Services
  - Housing
  - Individuals, family units
  - SBA
  - DUA
- Infrastructure
  - Total dollar damages per category
  - Narrative description, interpretation
- Recommendation
Questions?