Module 3
Public (Infrastructure) Assistance (PA)
Overview
Major Declaration Process

Part I – Initial Damage Assessment for Public Infrastructure
• What is the purpose and process of the IDA?
• Who completes the forms and what should they capture?

Part II – Preliminary Damage Assessment for Public Infrastructure
• What is the purpose and process of the PDA?
Initial Damage Assessments

- This is a two step process: 1st IDA and 2nd PDA by Joint State/FEMA teams to verify costs and validate damages
- Damage estimates are consolidated by County to determine if federally mandated thresholds (Public Infrastructure) by County has been reached (FY13: $3.45)
- Additional statewide threshold must be met to be considered for federal financial assistance (FY13: $1.37) $5,248,571.38

- **Even if the damage costs do not meet the county threshold, the sum of the smaller damages will add to the state total (threshold).**
Public Assistance IDA

• Infrastructure Data Collection Forms

• Who should collect and provide the information?
  – Governmental Departments (Public Works, Parks, emergency service agencies, etc.)
  – Private nonprofits (utilities, hospitals, schools)
  – Special districts (Irrigation, school, utilities)
  – Local governments
  – Tribal governments
Private Non-Profit (PNP) Entities

Must submit a tax exempt certificate and organization charter or bylaws. Must be open to the general public.
Initial Damage Assessment (IDA)
Public (Infrastructure) Assistance (PA)

Infrastructure Data Forms
• Public works
• Private nonprofits (utilities, hospitals, schools)
• Special districts (irrigation, school, utilities)
• State agencies
• Local governments
• Tribal governments

County Summary Form
• Local Emergency Manager or his/her designee
• Tribal governments
OREGON EMERGENCY MANAGEMENT

INFRASTRUCTURE (PUBLIC ASSISTANCE) INITIAL DAMAGE ASSESSMENT DATA COLLECTION FORM

NAME OF PUBLIC (GOVERNMENT) OR PRIVATE NONPROFIT AGENCY: ____________________________ COUNTY: ____________________________

(List damage and emergency response costs for only one agency on each form. Use more than one form per agency if necessary. Only certain private nonprofits should be included on this form. Additional instructions for this form may be found on the reverse side.)

<table>
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<tr>
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<th>Brief Description of Damage or Cost</th>
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<th>Estimated Cost</th>
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Inspector’s Name: ____________ How to contact: ____________ Date: ____________
Public Assistance IDA
By Category

• Category A  Debris Removal
• Category B  Emergency Protective Measures
• Cat A & B  OT labor only if using own work force (Force Account)
• Category C  Roads and Bridges
• Category D  Water Control Facilities
• Category E  Buildings and Contents
• Category F  Utilities
• Category G  Parks and Other
Category A – Debris Removal

- Estimate quantities by sampling
- Estimate cost based on force account or contract
- Use historical or local area unit cost
- Focus on debris on public property
- But, if warranted include potential debris brought to curb
- Private roads/gated communities may not be eligible
- Debris on FAS roads may not be eligible
Category B – Emergency Protective Measures

• Examples of Emergency Work
  – Protective Measures
    • Barricading
    • Sandbagging
    • Boarding Up Windows
    • Temporary Roof Coverings
  – Fire, Police Activities
  – Temporary Relocation
  – Mutual Aid
    • See FEMA Policy 9523.6
Eligibility Reminders
Category A & B

- Only disaster related work
- If costs unavailable, estimate labor/equipment
- Only overtime labor
- What materials used
- Contract costs for eligible work
**Description (Category A):**
High winds deposited estimated 10,000 CY of debris city wide. Force Account OT and equipment total for clearance, pick up and disposal est. $120,000.

**Comments (Category A):**
Existing debris endangers residents, and impedes traffic public works is now clearing for emergency vehicles.
Permanent Work

• Category C: Road Systems
• Category D: Dams and Levees
• Category E: Buildings
• Category F: Utilities
• Category G: Parks and Other
Category C - G

For IDA work:

• Identify if facility is under another federal authority such as FHWA, USACE or NRCS

• These are NOT ELIGIBLE:
  – Increased operating cost
  – Lost revenue
  – Deferred maintenance
  – Natural features
  – Landscaping
Category C-G

For IDA work:

- Estimate whether or not the facility is more than 50% damages
  - If not estimate repair costs
  - If so, use estimated replacement costs
- Do not expend effort on investigating applicable codes and standards. There is insufficient time during an IDA
- Identify if facility is covered by insurance (note deductible amount)
- Repair to pre-disaster design, capacity, and function
### Description (Category A):

High winds deposited estimated 10,000 CY of debris city wide. Force Account OT and equipment total for clearance, pick up and disposal est. $120,000.

### Comments (Category A):

Existing debris endangers residents, and impedes traffic public works is now clearing for emergency vehicles.

### Description (Category C):

Erosion of subgrade caused road failure 130 ft x 24 ft x 10 ft, estimate contract cost $250,000.

### Comments (Category C):

Road closure necessitates alternate routes in excess of 5 miles.
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<th>C</th>
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Questions?
Public Assistance
Joint PDA
Preliminary Damage Assessments

- A Preliminary Damage Assessment (PDA) identifies the initial cost estimate of damages for governmental agencies, private non-profits, and tribal governments.
- This is a two step process: 1st IDA by counties, 2nd PDA by Joint State/FEMA teams to verify costs.
- Damage estimates are consolidated by county to determine if federally mandated thresholds by county has been reached ($3.45).
- Additional statewide threshold must be met to be considered for disaster aid ($1.37).
- NOTE WE ALREADY SAY THIS IN A PREVIOUS SLIDE, POSSIBLY CAN DELETE?
Disaster Declaration Criteria
Public Infrastructure Assistance

Primary factors considered when evaluating the Governor’s request for a declaration:

- Cost *(for eligible work)*
- Local impacts
- Existing insurance coverage
- Hazard Mitigation
- Recent disaster history
- Other federal programs
Estimated cost of **eligible** assistance

- Statewide per capita impact of $1.39 (FFY 2012)
- Countywide per capita impact of $3.35 (FFY 2012)
- Minimum of $5 million statewide - 44 CFR 206.48 (a)(1)

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)
Q. How do you determine impacts?

A. Ask questions to determine severe impacts.
   ✓ “What life, 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
PRELIMINARY DAMAGE ASSESSMENT SUMMARY FORM

- IMPACT
- SEVERITY
- MAGNITUDE

# PDA Summary of Damages

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<th>Jurisdiction</th>
<th>Categories of Work</th>
<th>Total</th>
<th>Pop</th>
<th>Per Capita Impact</th>
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PDA Cost Limitations

- **Only** Damages Occurring within the *Identified Event Period*
- Cost to return back to pre-disaster *Condition, Function, and Capacity*
PDA Cost Limitations

• Cannot recognize potential mitigation (pre-disaster only)
• Negligence
• Inactive facility
• Contingencies
• Other Federal Authorities
• Insurance
Local Representatives Role

- Provide knowledgeable person to accompany team
- Provide overview and specific disaster damage data
- Provide summary of disaster impacts
- Have cost documentation ready make copies of cost documentation (provide rational for cost estimate)
- Provide additional relevant information
State’s Role

- Collect Initial Damage Assessment data
- Identify need for Preliminary Damage Assessment (PDA) for public facilities
- Request and participate in Joint PDA with FEMA
- Coordinate PDA collection with counties, State agencies, and potential applicants
- Prepare Governor’s letter of request to President for a Major Disaster Declaration

*OEM has 30 days from date of disaster to request Major Presidential Declaration*
Joint PDA Team Visit

• Federal/State team(s) checks in with County Emergency Management Office
• Conducts in-briefing on PDA
• Federal team typically consist of
  - FEMA Project Officer
  - FEMA Environmental Officer
  - FEMA Mitigation Specialist
  - FEMA Technical Specialist (pending damage)
  - State Representative
  - Local Representative
Conducting the PDA

• When possible, use same local inspectors as those used in the IDA
• The team may need transportation to sites
• One group of teams will assess dwellings and businesses
• Other teams will assess infrastructure and emergency response costs (PA, FHWA)
Conducting the PDA

- Make the Inspection Team aware of any known sensitive environmental issues when a project is being written
- Don’t hesitate to call the responsible agency for clarification or information (USACE, DSL)
- Make all environmental information available
- Consider mitigation (Part 406)
- Keep good records (maintain all correspondence with regulatory agencies)
Need to Make Repairs before FEMA arrives?

Document by:

• **Take pictures** – photos, videos, digital
• Crews need to **document damages and actions taken** in daily logs
• Track labor costs by person by project
• Track equipment and material costs by site
Need to Make Repairs?

Environmental / Historic precautions

- Document emergency contacts with USACE, DSL and SHPO...
  (Who, what, where, when, and why)
  Follow up with letter or email.
- Document! Document! Document!
- Understand Federal Contracting procedures
Need to Make Repairs?

• Historic Properties (45 years or older?)
  – Don’t demolish
  – Only do bare minimum

• Immediately repair only what is needed to preserve health and safety – take pictures before repairs

• Archeological – Call (SHPO) before you dig (alters a previously undisturbed area, or preparing debris staging sites)
Prepare for Future Disasters

• Establish disaster accounting system
  – Track damage repair by sites
  – Keep event cost separate from normal activities
• Create list of agencies/departments/sites that need to be contacted for IDAs – identify points of contacts
• Pre-identify who will be responsible for collecting and collating IDA information for your jurisdiction
Prepare for Future Disasters

- Pre-identify the major components of your infrastructure that need to be checked for damage after event:

  -- Water
  -- Sewer
  -- Electrical
  -- Parks
  -- Solid Waste
  -- Buildings

  -- Surface Water Drainage
  -- Roads
  -- Natural Gas
  -- Telecommunications
  -- River Revetments
  -- Fairgrounds
Prepare for Future Disasters

• Donated Resources (often not documented)
  – Labor, Equipment, Materials
  – CERT; Search and Rescue; Sandbagging
    (time in/out)

  – The value of donated resources **may** be used as part of your 25% cost share
Questions?