

















Public Assistance Joint Preliminary Damage Assessments



Part 1: An Overview of Public Assistance Preliminary Damage Assessments





PDA Roles and Responsibilities

- Local Governments
- State, Tribal, or Territorial Government
- FEMA Region
- Joint PDA Team





















<u>Costs</u>



25

Considered for PDA

- Force Account Labor
- Force Account Equipment
- Leased Equipment
- Supplies
- Contract services
- Repair or Replacement
- Mutual Aid

Costs NOT considered for PDA

- Loss of useful service life of facilities
- Tax Assessments
- Increased operating expenses
- Surveys to assess damage
- Insured losses (less the deductible)



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CAT A Damage Assessment Methods

- 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
- Do include potential debris brought to curb
- Private roads/gated communities may not be eligible
- Debris on FAS roads may not be eligible





Example Applicant Debris Removal Operation (FA Labor & Equipment)							
City of Example started debris cleanup on 10/29/2020 using City forces. The City is using (4) 25 CY grapple trucks and (3) 15 CY dump trucks. The 25 Cy trucks average 7 loads a day while the 15 CY dump trucks average 5 loads a day. Crews have been operating from sunup to sundown 7 days a week since the storm impacted the County. The City is operating two debris disposal sites at (2) City landfills The City Public Works director estimates the debris operation is at 70% complete.							
Debris will be reduced by burning via air curtain a - 123 Road, Atlanta, GA Public 35045 Works Dep	•						
- EMA Road, Atlanta, GA 35045 off HWY 148 (33.	174016, -86.232847)						
Debris estimates Citywide							
(1) 25 CY truck averages 7 loads a day = 175 C	CY(1) 15 CY dump truck averages 5 loads a day = 75 CY						
175 CY x 4 trucks = 700 CY per day	75 CY x 3 dump trucks = 225 CY per day						
700 CY x 21 days = 14,700 CY	225 CY x 21 days = 4,725 CY						
Est 14,700 CY + 4,725 CY = 19,425 CY hauled	t to date						
19,425 CY / 70% complete = 27,750 CY							
19,425 CY + 8,325 CY (est to 100%) = 27,750	CY						
27,750 CY x 25% reduction to account for dea 27,750 CY - 6,937.5 CY = 20,812.5 CY	d space in loads = 6,937.5 CY reduction						

20,812.5 CY x \$15CY = \$312,187.50









County temporary road closure (Incidental debris, Cat B and Cat C)

County site assessment team reported costs related to barricading impassable roadways, cut/toss (emergency clearance) of vegetative debris from roadways, and making emergency repairs to damaged road sites along essential routes.

- Responder County constructed a temporary road due to the road failure/washout at Responder Road
 near the community center. This road failure isolated residential homes at one end, approximately
 3/4 mile back from the damaged road site. County barricaded the damaged section of road and built
 an emergency sand and gravel bypass detour roadway beginning for approximately 3/4 mile to restore
 access back to Responder Road for emergency vehicles. The county used force account labor, force
 account equipment, rental equipment, and materials to construct the temporary road.
- Responder County had heavy rainfall causing a 120 ft. long x 30 ft. wide x 50 ft. deep asphalt road
 washout, along with loss of a 30 ft. long by 30 in. diameter pipe. Responder County Road ABC (CR 1)
 connects Tropical Highway 20 to U.S. 2020, serving an estimated 700 vehicles per day. PDA estimate
 costs in this category are expected to increase due to engineering fees, geotechnical studies, and
 possible codes/standard upgrades and are not included in PDA. Responder County provided an
 estimate of over \$792,000 to repair this road to pre-disaster condition based on similar historical
 project costs.

Category of Work: "C"
Unit Price per Cubic Yard for Backfill Repairs (Labor/Equipment/Materials): \$150.00
Location: Construction: Construction: Latitude: Construction: Longitude: Construction:
Ex. Pipe: 3 - 60" Ø CMP @ 40 L.F. each
Failure Area:Length (ft.):30Width (ft.):40Height (ft.):15Pipe Volume (CY):84Fill Volume (CY):583 \rightarrow \$87,450.00
Pipe Replacement (10 Gage, Aluminized, 5"x1" Corrugated Metal):
Diameter (in.): 72 Unit Cost per L.F.: \$129.73 No. of Pipe: 2
Length (ft.): 55 (each)
No. of Bands: 2
(@ 3' of pipe) Freight:(No. of trucks @ \$400.00 each)
Pipe: \$14,270.30
Bands: \$778.38
Freight: \$1,600.00
Pipe Total:
OVERALL TOTAL: <u>\$104,098.68</u>





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191303 200 November 11 Name - Site Specific ECOLOR DOCUMENT By US FURTH Charmited By US FURTH Charmited Erms: New 13, 2020, 11.58.47 AM Date of Inspectan Nov 13, 2020 Name of Danage Inspector Seffecting Phone Number of Damage Inspector	2013 Tarana - Site Specific Second State - Site Specific Let: 35.92237 Lot: = 0.02906 Callion + fold Specific - Site Specific Callion + fold Specific - Site Specific Friedel County, State
7647482400 Division 12 Bits Number A3	kongitude -1.0299559297655 Demage description Type of Sko Damaged Pipe Culvert
Bite Location County Alexander Type of Route SR	Type of Pipe Demogod CMP_corrugated metal pipe Staps of Pipe Round Diameter of Pipe 24
Route Number: 1.472 Road Name Lackey Mountain Rd Ngo during 17 angle conversion way-dimensional distance and all states and real distance of a distance of a conversion of the states of the state	24* Longth of Pipe 50 https://www.123.arogin.com/s.urwyw899/23bab6841186/c06dd988366dated*w.bine-81.000338.8407,41.0507,38.9313&5555(0.com/s.in*2*2
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Survey 12	23 output
2020 November 11 Name - Site Specific Number of barrelis 1 He advestis No Provement Damage No Resolutions/Embankment Damage No Stoutions/Embankment Damage No Stoutions/Embankment damaged 20 Woth of Shoutder/Embankment damaged 20 Depth of Shoutder/Embankment damaged	2020 Movement 1: Name: Bits Base of Bits
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		C	E	F	G	Н	1	J	K	L	M	N	0	Р
Disa	aster Number:	DR-1234-AL		Program	m Delivery	y Manager (PDN	AG) Name:	Justin Lea						
App	licant Name:	Example County, GA		Program	m Delivery	y Manager (PDN	AG) Phone:	470-370-0838						
	licant FIPS:	000-000-0000		Program	m Delivery	y Manager (PDP	AG) Email:	justin.lea@fema.dhs.gov						
<u></u>	licant Point of Contact Name:													
	licant Point of Contact Phone:			-										
App	licant Point of Contact Email:							<i>n</i>						
Category	Name of damage/facility	Address 1	City	State	Zip	Latitude	Longitude	Describe Damage (Damage Descriptions and Dimensions)	Primary Cause of Damage	Approx. Cost	% Work Complete	Labor Type	Has received PA grant(s) on this dility in a past?	Applicant priority
								Monitoring and removal of						
~	Debris Removal and Monitoring	Unincorporated County	Atlanta	GA	28403	33.878750	-84.267240	debris - downed trees and Use of In-house staff	Hurricane	\$3,318,741	60%	С	Y	High
в	Emergency Protective Measures	County-wide	Atlanta	GA	28403	33.878750	-83.267240	performing Emergency	Hurricane	\$50,054	90%	FA	Y	High
r. 1								Wind and structural damage						
-	421 Firing Range Storage Facility	1235 U.S. 421	Atlanta	GA	28401	33.878750	-82.267240	due to tree landing on the 7th floor breakroom water	Hurricane	\$3,300	80%	с	N	Medium
Е	320 Chestnut/Admin	320 Chestnut Street	Atlanta	GA	28401	33.878750	-81.267240	under door. 3rd floor office	Hurricane	\$86	100%	FA	Y	Low
E			20200000000					Tree landed on a corner of						
-	Animal Control Cooperative ExtLewis	180 Division Drive	Atlanta	GA	28401	33.878750	-80.267240	the building, resulting in The metal and glass	Hurricane	\$3,856	15%	FA/C	Y	Medium
E	Greenhouse and Tool Shed	6206 Oleander Drive	Atlanta	GA	28403	33.878750	-79.267240	greenhouse was	Hurricane	\$1,800	0%	с	N	Medium
	Cooperative ExtMaster		And a Data Section of the	10000	-			Side curtain and door of						
-	Gardener Greenhouse	6206 Oleander Drive	Atlanta	GA	28403	33.878750	-78.267240	Master Gardener Sally port gate was damaged	Hurricane	\$1,000	0%	FA	N	Medium
E	Detention Center - Administration	3950 Juvenile Center Road	Atlanta	GA	28429	33.878750	-77.267240	by high wind and rain, and	Hurricane	\$1,015	100%	FA/C	N	Medium
-			2020000000					Wind driven rain left water					2.00	
-	Gang Task Force/Shaw Speaks	718 S. 3rd Street	Atlanta	GA	28401	33.878750		on gym floor and adjacent Mind and storm damage to	Hurricane	\$65	100%	FA	Y	Low
E	Government Center/EOC-911	230 Government Center Dr	Atlanta	GA	28403	33.878750	-75.267240	and parapet / coping.	Hurricane	\$3,283	90%	FA/C	Y	Medium
	Damage Inventory	Lists Cat A Cat B	Cat E Cat G	(+)				1	4				



Thank you for attending today's presentation.



DEBRIs Management – what	s trending in 2021	TINE ALL
1. National Response Framework		
- USACE Lead Agency for Public Works and Engineering		MANAGEME
Typical Mission Assignment:	Critical Public Facilities	
Temp Housing Temp Roofing	Temp Power	
Infrastructure Assessment	Debris Removal	
- FEMA Mission Assignments Direct Federal Assistance – Support for State & Federal Operational Support - Partnered w Fully Funded by FEMA USACE allowed to coordinate with a Supports FEMA with monitoring fie Determines eligibility & interprets p	with FEMA applicants (if beneficial) Id operations	
2. COVID-19 Impacts on Response & Recovery FEMA Virtual Workforce – More USACE N		
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DEBRIs Management – what's trending in 2021	
5. Monitoring Reminders - Contract Monitors Applicant's Need to Monitor their Monitors - ADMS Location Matters Leaners & Hangers – must show hazard within ROW - Load Calls – Anything 80%+ will raise concerns - Debris Reduction Vegetation – Know Final Disposal (Before Grinding) C&D – 50% or Less Will Raise Concerns	- Contraction
6. How Can USACE Help? - Local Office - Outreach Available - Impartial Players – Honest Assessments - Relationships Within Industry - Conflict Resolution - Mission Analysis - Estimating - Reporting - Working Together to Correct Mistakes	
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DEBRIs Management – what's trending in 2021



Contact Information

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