

DAMAGE ASSESSMENT TEAM – PUBLIC WORKS

DESCRIPTION	The Damage Assessment Team - Public Works assesses the magnitude of damage an incident has caused to public infrastructure such as facilities, roadways, piping systems, and bridges		
RESOURCE CATEGORY	Public Works	RESOURCE KIND	Team
OVERALL FUNCTION	<p>The Damage Assessment Team - Public Works:</p> <ol style="list-style-type: none"> 1. Records observations 2. Takes photographs 3. Estimates disaster damage for magnitude and monetary value 4. Receives initial damage reports from the Rapid Needs Assessment Team 5. Provides a general damage assessment and coordinates with specialized teams such as the Damage Assessment and Repair Team - Sewer Mains or Damage Assessment and Repair Team - Water Pump Facilities for in-depth assessment and repair 6. Coordinates with incident command, Emergency Operations Center (EOC), and other damage assessment elements to identify and prioritize areas needing assessment 7. Coordinates with Authority Having Jurisdiction (AHJ) regarding necessary repairs and with the Disaster Cost Recovery Management Team for funding of repairs 	COMPOSITION AND ORDERING SPECIFICATIONS	<ol style="list-style-type: none"> 1. Discuss logistics for deploying this team, such as security, communications, lodging, transportation, and meals, prior to deployment 2. This team typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days 3. Requestor specifies any specialty areas necessary, such as structural or bridge-related experience 4. Requestor may order specialists in other disciplines to assess specific damage based on incident needs, including building safety, geological survey, environmental, and public health 5. Requestor specifies any mission-specific supporting resources necessary

RESOURCE TYPES			TYPE 1	NO TYPE 2	NO TYPE 3	NO TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Personnel	Per Team	Management and Oversight	1 - National Incident Management System (NIMS) Type 2 Civil Engineer	Not Applicable	Not Applicable	Not Applicable
			NOTES: Type 2 Civil Engineer should have training or experience in damage assessment operations.			



RESOURCE TYPES			TYPE 1	NO TYPE 2	NO TYPE 3	NO TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Equipment	Per Team Member	Personal Protective Equipment	1. Hard hat 2. Reflective vest 3. Gloves 4. Protective clothing 5. Protective footwear 6. Protective shield 7. Flashlight (explosion-proof) 8. Respiratory mask 9. Air quality testing device	Not Applicable	Not Applicable	Not Applicable
			NOTES: The following regulation addresses PPE: Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment.			
Equipment	Per Team	Transportation	1 - Vehicle	Not Applicable	Not Applicable	Not Applicable
			NOTES: Not Specified			
Equipment	Per Team	Communications	Appropriate team communications, such as two-way radios, cell phones, or satellite phone	Not Applicable	Not Applicable	Not Applicable
			NOTES: Not Specified			
Personnel	Per Team	Minimum	3	Not Applicable	Not Applicable	Not Applicable
			NOTES: Not Specified			
Personnel	Per Team	Support	2 - Support staff	Not Applicable	Not Applicable	Not Applicable
			NOTES: Support staff may include a Type 1 Civil Engineer with a structural specialty, additional specialized engineers, public works staff, technical specialists, municipal inspectors, or others, at the Type 2 Civil Engineer's discretion.			

OBSOLETE

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Superseded



RESOURCE TYPES			TYPE 1	NO TYPE 2	NO TYPE 3	NO TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Equipment	Per Team	Equipment	1. Laptop computer 2. Digital camera 3. GPS 4. Measuring devices 5. Reference materials 6. Appropriate software 7. Manhole cover lifter 8. Excavating device 9. Cutting/trimming device 10. Marking paint or other marking material 11. Traffic control device (or safety signage) 12. Rope 13. Basic first aid kit 14. Other equipment and supplies as needed based on ordering specifications	Not Applicable	Not Applicable	Not Applicable
NOTES: 1. Appropriate software includes word processing, spreadsheet, and database management programs. 2. Measuring devices may include tape measures (25' -100') and measuring wheels.						

REFERENCES

1. FEMA, NIMS 508: Rapid Needs Assessment Team
2. FEMA, NIMS 508: Damage Assessment and Repair Team – Sewer Mains
3. FEMA, NIMS 508: Damage Assessment and Repair Team – Water Pump Facilities
4. FEMA, NIMS 508: Disaster Cost Recovery Management Team
5. FEMA, NIMS 509: Civil Engineer
6. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment, latest edition adopted

NOTES

1. Nationally typed resources represent the minimum criteria for the associated component and capability.
2. Facilities include power generating stations, drinking water treatment plants, wastewater treatment plants, and other public and private utility facilities vital to maintaining or restoring normal services to an impacted area before, after, or during an incident. Also included are the delivery systems for these services, such as underground conduit and wiring, above-ground wiring, and piping for water, wastewater, storm water, reuse water, and gas.

OBSOLETE

Superseded