Emergency Support Function (ESF) # 3

Public Works

Attachment 3A Damage Assessment
Attachment 3B Debris Management

Preface

Critical public works infrastructure such as roads, waste management and sewer systems can be damaged or destroyed during catastrophic emergency events. This infrastructure is vital to support the health, safety and welfare of the public during emergency response.

Primary Agency

Milwaukee County Department of Administrative Services – Facilities Management

Emergency Support Functions (ESF) # 3 – Public Works

Milwaukee County

AGENCIES:

Primary

Milwaukee County Department Of Administrative Services – Facilities Management

Support

Fire Departments
Contractors (Local)
Public Works (Municipal)
Utilities: Electric, Gas, Telecommunications
Utilities: Water and Wastewater

State of Wisconsin

Primary

- WEM – WI Emergency Management

Support

- WEDC – WI Economic Development Corporation
- WI DMA – WI Department of Military Affairs
- WI DNR – WI Department of Natural Resources
- WI DOA – WI Department of Administration
- WI DOT – WI Department of Transportation
- WI PSC – WI Public Service Commission

Federal

Primary

- Department of Defense/U.S. Army Corps of Engineers
- Department of Homeland Security/Federal Emergency Management Agency

Support

- Department of Agriculture
- Department of Commerce
- Department of Defense
- Department of Energy
- Department of Health and Human Services
- Department of Homeland Security
- Department of the Interior
- Department of Labor Department of State
- Department of Transportation
- Department of Veterans Affairs
- Environmental Protection Agency
- General Services Administration

Nuclear Regulatory Commission

- Tennessee Valley Authority
- American Red Cross
- Corporation for National and Community Service

Likely Support Includes:

- Provide public works and engineering-related support to include: conducting pre-incident and post-incident assessments of public works and infrastructure; executing emergency contract support for life-saving and life-sustaining services; providing technical assistance to include engineering expertise, construction management, and contracting and real estate services; providing emergency repair of damaged public infrastructure and critical facilities; and implementing and managing the DHS/ FEMA Public Assistance Program and other recovery programs.

Emergency Support Function (ESF) # 3

Public Works

PURPOSE.

1. To facilitate protection, repair and restoration of local government owned physical infrastructure for roads, waste management, storm-water management systems, and sewer systems.

POLICIES.

1. The first priority of the Public Works Department will be to assist Public Safety personnel in life safety activities.

2. Provide public works services to lands and facilities under local jurisdiction. Emergency public works response to private property shall be done only when authorized, or when life or public health is threatened.

3. To clear transportation routes as per public safety priorities.

PRIMARY DEPARTMENT RESPONSIBILITIES/TASKS BY PHASE	
MILWAUKEE COUNTY DEPARTMENT OF ADMINISTRATIVE SERVICES – FACILITIES MANAGEMENT	
Pre-Emergency	Work with the Division of Emergency Management to: 1. Maintain this Emergency Support Function (ESF). 2. Maintain inventories of resources and equipment. 3. Participate in tests, exercises. 4. Develop emergency action checklists. 5. Maintain pre–event contracts to support Public Works needs in an emergency. 6. Assist ESF # 3B with the development of a Debris Management Plan. 7. Maintain mutual aid agreements.
Emergency	1. Pre–position resources and verify resource inventory in advance of an impending emergency. • Stage equipment resources to a safe location. 2. When notified of an emergency situation, send response teams/personnel, equipment, and vehicles to the emergency scene, staging area, or other location, as appropriate. 3. Assist Law Enforcement Agencies and fire services personnel in life safety activities to include: heavy rescue of people in collapsed buildings; clearing of roads and traffic control; construction of emergency access roads; communica-

PRIMARY DEPARTMENT RESPONSIBILITIES/TASKS BY PHASE	
MILWAUKEE COUNTY DEPARTMENT OF ADMINISTRATIVE SERVICES – FACILITIES MANAGEMENT	
	tion support; use of vehicles for transportation, sheltering, and rescue personnel support; provide technical support for the inspection of critical facilities within Milwaukee County. 4. Public Works field emergency operations may include: a. Flood control. b. Assisting in the evacuation of people at risk in and around the emergency scene. c. Assisting in urban search and rescue (USAR) efforts. d. Assisting damage assessment activities. e. Providing emergency generators, fuel, lighting, sanitation to support emergency responders at the emergency scene and at the EOC. f. Assisting sanitation services (i.e., delivery of portable toilets) in determining the needs in the field. g. Emergency clearance and removal of debris for reconnaissance of the damaged areas and passage of emergency personnel and equipment for health and safety purposes. h. Temporary construction of emergency access routes that include damaged streets, roads, bridges, waterways and any other facilities necessary for passage of rescue personnel. i. Provide emergency traffic signs and signal service at pre–designated intersections. j. Determination of the structural safety of emergency operations facilities. k. Emergency demolition or stabilization of damaged structures and facilities designated as immediate hazards to the public health and safety, or as necessary to facilitate the execution of rescue operations. l. Assist in the restoration of public utilities and services. m. Assist in security measures and traffic control by providing traffic barricades. n. Debris removal operations in areas affected by emergencies or disasters. 5. Send a senior representative to the EOC, when the EOC is activated during an emergency. 6. Administer and manage contracted services.
Emergency Operations Center (EOC)	1. Staff the ESF # 3 position in the EOC. 2. Ensure operation of Public Works dispatch and reporting systems. 3. Determine condition, status of Public Works resources. 4. Identify incident sites requiring Public Works services. 5. Determine present and future need for Public Works resources to support: a. Search and rescue. b. Heavy rescue. c. Damage assessment. d. Road, bridge repair. e. Debris clearance.

PRIMARY DEPARTMENT RESPONSIBILITIES/TASKS BY PHASE	
MILWAUKEE COUNTY DEPARTMENT OF ADMINISTRATIVE SERVICES – FACILITIES MANAGEMENT	
	f. Road clearance. g. Flood control. h. Traffic control. i. Sanitation services. j. Repair to utility systems. 6. Obtain and coordinate public works response teams/personnel, equipment, and vehicles to the emergency scene, staging area, or other location(s), as appropriate. 7. Sources for additional resources can include: a. Mutual aid. b. State EOC. c. State and federal resources. d. Private companies, contractors. 8. Track resources deployed for disaster response. 9. If possible, provide mutual aid as requested by State EOC. 10. Develop priorities and coordinate with utility companies the restoration of utilities to critical and essential facilities. 11. Recommend disposal sites for debris, coordinate with ESF # 3B. 12. Provide logistical support for demolition operations. 13. Maintain records of cost and expenditures to accomplish this ESF and forward them to the EOC Finance/ Administration Section Chief.
Recovery Actions	1. Provide engineers, skilled personnel, construction workers, etc., with construction equipment and materials to assist in recovery activities. 2. Review recovery actions and develop strategies. 3. Coordinate with state or federal agencies as requested to accomplish damage assessments and repairs. 4. Maintain access to current County drainage maps and plans at the EOC.

SUPPORT DEPARTMENTS RESPONSIBILITIES/TASKS	
Fire Departments	1. Assist in debris clearance and removal of hazards.
Contractors (Local)	1. Source for equipment and manpower.
Public Works (Municipal)	1. Provide engineering services and advice. 2. Assist in damage assessment. 3. Oversee flood control activities. 4. Maintain contact with EOC. 5. Repair roads and bridges.

SUPPORT DEPARTMENTS RESPONSIBILITIES/TASKS	
	6. Maintain storm sewers. 7. Maintain debris and garbage operations. 8. Provide diking material for protection of sewer and water systems/ supplies. 9. Assist in decontamination. 10. Assist in search and rescue operations. 11. Store and provide fuel for emergency vehicles. 12. Inspect, designate and demolish hazardous structures.
Utilities: Electric, Gas, Telecommunications	1. Assess all damage. 2. Restore all services to essential facilities and EOC. 3. Provide electric, telephone and gas service to all patrons. 4. Maintain all lines in good order. 5. Lock out damaged facilities until reported.
Utilities: Water and Wastewater	1. Maintain water and sewer systems. 2. Provide potable water. 3. Provide diking and plugging material for sewer and water system. 4. Provide temporary sanitary facilities, as requested. 5. Coordinate with Public Health Departments on water testing. 6. Decontaminate water system. 7. Assist in damage assessment. 8. Maintain contact with EOC.
ATTACHMENTS	1. Public Works Resources. 2. ESF # 3A: Damage Assessment. 3. ESF # 3B: Debris Management.
REFERENCES	None.

Attachment 1

PUBLIC WORKS RESOURCES

Milwaukee County Transportation & Engineering Facilities

1. HIGHWAY MAINTENANCE - North Shop
   6270 N. Hopkins 466-1120

2. TIMMERMAN FIELD
   9751 W. Sheridan 461-3275

3. FIEBRANTZ - Operating Station
   1900 W. Fiebrantz Avenue 344-7449

4. FOND DU LAC - Operating Station
   3201 W. Fond du Lac Avenue 344-6688

5. HILLSIDE - Major Maintenance-Milwaukee County Transit
   1942 N. 17th Street 344-4550

6. KINNICKINNIC - Operating Station
   1718 S. Kinnickinnic Avenue 344-6665

7. HIGHWAY MAINTENANCE - Main Shop
   10190 Watertown Plank Road 257-6566

8. FLEET MANAGEMENT
   10320 Watertown Plank Road 257-6596

9. MITCHELL INTERNATIONAL – Administrative Office
   5300 S. Howell Avenue 747-5300

10. HIGHWAY MAINTENANCE - South Shop
    5800 S. Howell Avenue 747-4595

Milwaukee County Transit Plus Carriers

Carrier	Contact Phone	Vehicles Under Service Contract	Number of Drivers
Transit Express 424 W. Cherry Street Milwaukee, WI 53212	264-7433 202-4650 (cell)	120	230
First Transit 4524 S. 13th Street Milwaukee, WI	847-2744/406-3759 (Nextel cell) 847-2751	100	130

Additional Resources

Carrier	Contact/Phone	Number of Vehicles	Drivers
A1 Transportation 5819 W. Fountain Avenue Milwaukee, WI 53223	350-8581/375-6876	5	3
Able Access Transportation 4455 W. Bradley Road, Suite 206 Milwaukee, WI 53223	354-5800 354-5808 (cell)	6	4
Amera-Care Transport 355 E. Rosedale Avenue Milwaukee, WI 53207 Subcontractor to Transit Express	482-3113	11	18
American United Taxicab 646 S. 2nd Street Milwaukee, WI 53204	220-5000	240	350

Ambulatory subcontracting only with Transit Plus, American Taxi has 3 wheelchair vehicles (capacity 1 chair) that have not been approved for service.

Exact Transport 6310 N. Sherman Boulevard Milwaukee, WI 53209	358-1261 406-6679 (cell)	5	6

MILWAUKEE COUNTY TRANSIT SYSTEM (MCTS) BUS FLEET

Fleet Management - Computer listing of Equipment for Highway Maintenance, Park Districts, and Park Services is available and controlled by Fleet Maintenance (CAMD) dispatcher per Fleet Management SOP.

EOC equipment, supplies, maps, etc.

Computerized resource listing, updated as needed, and incorporated into Emergency Management Resource Book.

Detailed internal resource management by each municipality will be addressed in Individual Agency Plans as these plans are developed.

NUMBER OF VEHICLES		AVERAGE # OF SEATS PER BUS
Active Buses	459	39 per bus
Active Trolleys	0	
TOTAL	= 459	

Allowing for 18% of buses in maintenance, 392 buses are in daily service with an approximate seating capacity of 15,288.

All MCTS buses are wheelchair accessible having 2 spaces per bus available for wheelchairs.

Title	Agency Name	Contact Name	Alternate Contact Name	Office Phone	After Hours Phone
Director of Transportation & Public Works	**Dept. of Transportation & Public Works**	**Director (Torres)**	**Assistant Director (Roberts)**	**257-6596 278-4809**	
Administration	**Dept. of Transportation & Public Works**	**Director (Torres)**	**Assistant Director (Roberts)**	**257-6596 278-4809**	
Highway Commis-sioner	**Dept. of Transportation & Public Works**	**Director (Torres)**		**257-6596**	
Architecture & Engineering EE Operations Director	**Dept. of Transportation & Public Works**	**Director (High)**	**Construction Manager (Renner) Civil Engineer (Stave)**	**278-4943 278-4853 278-4863**	
Engineering Operations Officer	**Dept. of Transportation & Public Works**	**Director (Torres)**	**Assistant Engineer (Stevan Keith)**	**257-6596 278-4355**	
Transportation Services Operations Officer	**Dept. of Transportation & Public Works**	**Director (Torres)**	**Highway Design (Eruchalu)**	**257-6596 278-4911**	
Facilities Mngt. Operations Officer (Central Services)	**Dept. of Transportation & Public Works**	**Director (Takerian)**	**Assistant Director (Schaning)**	**278-5056 278-5009**	
Airport Administra-tion	**Dept. of**	**Director (Bateman)**		**747-5322**	
Airport Administra-tion	**Dept. of**		**Deputy Director (VACANT)**	**747-5328**	
Airport Engineering	**Dept. of**	**Engineer (Baisch)**	**Managing Engineer (Kipp) Civil Engineer IV (Zsebe)**	**747-5722 747-5716 747-5394**	
Milwaukee Co. Transit System	**Dept. of Transportation & Public Works**	**Managing Director (Gulotta-Connelly)**		**937-3205**	
Milwaukee Co. Transit System	**Dept. of Transportation & Public Works**		**Deputy Director (Grant) Director of Operations (Giugno) Director of Mainte-nance (Wehr)**	**937-3203 937-3204 937-3238**	
Parks & Recreation	**Dept. of Parks & Recreation**	**Director**		**257-4501**	
	Dept. of Parks & Recreation	**Assistant Director**		**257-5667**	

ZONE A	Agency Name	Contact Name	Alternate Contact Name	Office Phone	After Hours Phone
BAYSIDE					
Engineering	**Dept. of Public Works**	**CONTRACTED OUT**			
Public Works	**Dept. of Public Works**	**Director**		**247-7711**	**351-8808**
BROWN DEER					
Engineering	**Dept. of Public Works**	**Engineer**		**371-3060**	**371-2900 (P.D.)**
Public Works	**Dept. of Public Works**	**Superintendent**		**357-0120**	**371-2900 (P.D.)**
FOX POINT					
Engineering	**Dept. of Public Works**	**Head of Engineering**		**351-8900**	**351-8911 (P.D.)**
Public Works	**Dept. of Public Works**	**Director**		**351-8900**	**351-8911(P.D.) 351-8914 (Dispatch)**
GLENDALE					
Engineering	**Dept. of Public Works**	**Engineer**		**228-1746**	**228-1753**
Public Works	**Dept. of Public Works**	**Director**		**228-1746**	**228-1753**
RIVER HILLS					
Engineering	**Dept. of Public Works**	**(Contractor)**		**416-1671**	**416-1671 262-849-3769 (cell)**
Public Works	**Dept. of Public Works**	**Director**		**352-0080**	**247-2302 (P.D.)**
SHOREWOOD					
Engineering	**Dept. of Public Works**	**Engineer**		**847-2650**	**847-2610 (P.D.)**
Public Works	**Dept. of Public Works**	**Director**		**847-2650**	**847-2610 (P.D.)**
WHITEFISH BAY					
Engineering	**Dept. of Public Works**	**Engineer**		**962-6690**	**962-3830 (P.D.)**
Public Works	**Dept. of Public Works**	**Director**		**962-6690**	**962-3830 (P.D.)**

ZONE B	Agency Name	Contact Name	Alternate Contact Name	Office Phone	After Hours Phone
MILWAUKEE					
Engineering	**Dept. of Public Works**	**City Engineer**		**286-2400**	**933-4444 (PD Non-Emergency Line)**
Public Works	**Dept. of Public Works**	**Commissioner**		**286-3301**	**933-4444 (PD Non- Emer-gency Line**
ZONE C					
WAUWATOSA					
Engineering	**Dept. of Public Works**	**Engineer**		**479-8927**	**471-8422 (P.D.)**
Public Works	**Dept. of Public Works**	**Director**		**479-8933**	**471-8422 (P.D.)**
WEST ALLIS					
Engineering	**Dept. of Public Works**	**Engineer**		**302-8360**	**302-8000 (P.D.)**
Public Works	**Dept. of Public Works**	**Director**		**302-8832**	**302-8000 (P.D.)**
WEST MILWAUKEE					
Engineering	**Dept. of Public Works**	**R.A. Smith (Contractor) (Len Roeker)**		**645-2151**	**881-0362 (Cell)**
Public Works	**Dept. of Public Works**	**Director**		**645-6238**	**645-2151 (P.D.)**
ZONE D					
FRANKLIN					
Engineering	**Dept. of Public Works**	**Engineer**		**425-7510**	**425-2522 (P.D.)**
Public Works	**Dept. of Public Works**	**Director**		**425-2592**	**425-2522 (P.D.)**
GREENDALE					
Engineering	**Dept. of Public Works**	**R.A. Smith (Contractor) (Len Roeker)**		**262-317-8713**	**881-0362 (Cell) or 423-2121 (P.D.)**
Public Works	**Dept. of Public Works**	**Director**		**423-2133**	**423-2121 (P.D.)**
GREENFIELD					
Engineering	**Dept. of Public Works**	**Engineer**		**329-5324 or 329-5325**	**761-5300 (P.D.)**
Public Works	**Dept. of Public Works**	**Director**		**761-5370**	**761-5300 (P.D.)**

ZONE D	Agency Name	Contact Name	Alternate Contact Name	Office Phone	After Hours Phone
HALES CORNERS					
Public Works/Engineering	**Dept. of Public Works**	**City Engineer and Director of Public Works are the same person**		**529-6165**	**529-6140 (P.D.)**
ZONE E					
CUDAHY					
Engineering	**Dept. of Public Works**	**Engineer**		**769-2213**	**769-2260 (P.D.)**
Public Works	**Dept. of Public Works**	**Manager**		**769-2253**	**769-2260 (P.D.)**
OAK CREEK					
Engineering	**Dept. of Engineering**	**Engineer**		**768-6538**	**762-8200 (P.D.)**
Streets	**Street Dept.**	**Director**		**768-6553**	**762-8200 (P.D.)**
ST. FRANCIS					
Engineering	**Dept. of Public Works**	**Engineer**		**481-2300**	**481-2232 (P.D.)**
Public Works	**Dept. of Public Works**	**Director**		**481-2300**	**481-2232 (P. D.)**
SOUTH MILWAUKEE					
Engineering	**Dept. of Public Works**	**Engineer**		**768-8053**	**768-8060 (P.D.)**
Streets	**Dept. of Public Works**	**Director**		**768-8075**	**768-8060 (P.D.)**

Attachment

3A – Damage Assessment

Preface

Emergencies may create widespread damage and life threatening situations. The County must make an initial determination of where damage is, damage severity, the kinds of resources needed and locations where they are needed. This assessment begins the County's emergency response to locate and quantify the scope and severity of life threatening situations and identify escalating emergencies.

The County must also gather detailed damage information necessary to organize longer term response and recovery efforts. This information is essential to obtaining a state of emergency declaration by the Governor or a federal disaster declaration, which are necessary to obtain external assistance from these sources.

Primary Agency

Milwaukee County Department of Administrative Services – Facilities Management

Emergency Support Functions Attachment 3A Damage Assessment

Milwaukee County

AGENCIES:

Primary

Milwaukee County Department of Administrative Services – Facilities Management

Support

American Red Cross
Area Manufactures & Commerce
Assessor (Municipal)
Building Inspection/Code Enforcement (Municipal)
Fire Departments
Law Enforcement Agencies
Milwaukee County Clerk
Milwaukee County Departments, All
Milwaukee County Department of Administrative Services – Fiscal Affairs
Milwaukee County Department of Administrative Services – Information Management Services
Milwaukee County Department of Transportation (MCDOT)
Milwaukee County Office of the Sheriff – Division of Emergency Management
Milwaukee County Parks
Public Works (Municipal)
Specialists (As situation requires.)
Utilities, Private

State of Wisconsin

Note

State support to this ESF may be available in coordination with the State Emergency Operations Center (EOC).

Federal

Likely Support Includes:

- Provide public works and engineering-related support to include: post-incident assessments of public works and infra-structure; and implementing and managing the DHS/ FEMA Public Assistance Program and other recovery programs.

Attachment 3A

Damage Assessment

A. PURPOSE.

1. **Life Safety Assessment:** Coordinate the conduct of the initial life safety assessment and ongoing damage assessments of the County so that accurate and timely information on the situation post-emergency are obtained.

2. **Damage Assessment:** Accomplish comprehensive assessment and reporting of damage to public and private property resulting from an emergency and requesting state or federal disaster assistance.

B. POLICIES.

1. All Milwaukee County departmental personnel that are out on the streets will regularly report operational information and damages observed by them to the EOC through their normal dispatch centers.

2. Milwaukee County will share assessment information with response and relief organizations in the EOC.

3. Personal information regarding emergency victims will be kept confidential and will only be shared with the response and recovery organizations identified within this plan for the sole purpose of providing assistance to these emergency victims.

4. In the event of a Law Enforcement Agencies related event, some assessment information may need to be kept confidential by the EOC staff or have limited distribution within the EOC until such time as the Police Chief or designee deems it appropriate for release within the EOC or to the public.

5. Life Safety Assessment will begin immediately upon occurrence of an emergency and Damage Assessment will begin as soon as it can safely be done.

6. Damage assessment should be conducted using surveys by teams of qualified County inspectors representing both the public and private sectors. Where required, these County teams will be augmented by inspectors from appropriate state and federal agencies. Types of damage assessment include:

   a. **Individual Assistance.** Damage assessment relates to estimates of damage to the private sector and individuals, and includes damages to homes, businesses, farms, possessions, and other improvements.

   b. **Public Assistance.** Damage assessment involves damage to public buildings, facilities, roads, bridges, sewer plants, etc. Public assistance is composed of emergency work and permanent restoration. Emergency work is defined as that necessary to save lives, protect public health and safety, and pro-

tect property. An example of emergency costs would be those associated with temporary facilities or temporary restoration of services. Permanent restoration is the cost associated with bringing a facility back to pre–emergency condition.

c. **Building Inspection.** This is a more thorough, professional evaluation of individual building safety and habitability conducted by County inspectors.

7. All affected Milwaukee County departments will provide damage assessment reports regarding damage to buildings, equipment, vehicles, communications, and personnel availability to the EOC.

PRIMARY DEPARTMENT RESPONSIBILITIES/TASKS BY PHASE	
MILWAUKEE COUNTY DEPARTMENT OF ADMINISTRATIVE SERVICES – FACILITIES MANAGEMENT	
Pre-Emergency	Work with the Division of Emergency Management to: 1. Maintain this Emergency Support Function (ESF). 2. Develop and coordinate damage assessment procedures with the State EOC. 3. Develop system and forms for tabulating damage assessment. 4. Develop damage assessment teams. 5. Conduct damage assessment training. 6. Maintain pre–emergency maps, photos, and other documents. 7. Participate in drills, exercises. 8. Develop emergency action checklists.
Emergency	1. When notified, report to the Milwaukee County EOC.
Emergency Operations Center (EOC)	1. Staff the ESF # 3A position in the EOC. • Conduct damage assessment of public and private property to determine the extent of damage. 2. Collect and analyze initial life safety assessment information from field units to include: a. Locations of injuries, deaths, damages. b. Types and extent of damages. c. Impact on people. d. Identify immediate victim needs (need for shelters, water availability, etc.). e. Identify resource requirements (assistance needed) in the affected areas. f. Identify local resources available. 3. Facilities Management assist in damage assessment of County buildings, taking photos, and obtaining approval for emergency repairs. 4. As appropriate compile the information gathered by damage assessment teams, complete the state Uniform Disaster Situation Report (UDSR) report for the county and submit it within 24 hours to WEM. (See Attachment 4 to this ESF.) 5. Provide initial life safety assessment data and information to the EOC Planning Section Situation Unit.

PRIMARY DEPARTMENT RESPONSIBILITIES/TASKS BY PHASE	
MILWAUKEE COUNTY DEPARTMENT OF ADMINISTRATIVE SERVICES – FACILITIES MANAGEMENT	
	6. Prepare an initial situation map illustrating the footprint (location, size, etc.) of the affected area to aid in deploying response and recovery resources. • The footprint may be revised several times during emergency response until the full extent of the impacted area is clearly identified. 7. Make recommendations based on the assessment information. 8. Provide a consolidated situation report for responding agencies/ departments. 9. Provide information necessary for the EOC Public Information Officer. 10. Activate, deploy damage assessment teams. • Assign County personnel and volunteer professionals to damage assessment teams based on levels of certification and expertise. 11. Prepare Initial Damage Assessment reports for the Situation Unit Leader. 12. Request and coordinate structural engineers to assist in the evaluation of building safety, especially during search and rescue (SAR) operations. 13. Receive, record and consolidate all damage reports. a. Assemble damage assessment information and create visual displays and computerized GIS maps of the affected areas. b. Determine the extent of damages. This information will provide a basis for determination of actions necessary, establishment of priorities among essential actions and allocation of County resources in the emergency area during the early stages of the recovery effort. 14. Provide data to support Chief Executive local declarations of emergency and formal requests for assistance. Information to include: a. The extent of emergency impact on the County (description of the emergency, where the emergency struck, approximate number of people affected, demographics of the affected area). b. The dollar amount of damages. c. Any conditions that could affect the ability to carry out relief coordination. 15. Determine unsafe facilities. • Assess and post all damaged buildings, structures, and facilities for structural integrity and occupant safety. 16. Provide damage assessment data and information to the Planning Section. 17. Compile damage assessment reports and provide information on damages to the State EOCs. 18. Provide appraisers to assist with damage assessment. • Arrange for appraisers to arrive at affected sites. 19. Coordinate damage assessments with State, and federal agencies as appropriate. a. Because federal funding may be involved, and as part of the public assistance application process, state and federal damage assessment teams may want to identify and validate damaged property, define scope of repairs, and determine repair or replacement costs.

PRIMARY DEPARTMENT RESPONSIBILITIES/TASKS BY PHASE	
MILWAUKEE COUNTY DEPARTMENT OF ADMINISTRATIVE SERVICES – FACILITIES MANAGEMENT	
	b. Escort state and federal damage survey officials on inspection of damaged areas. c. Develop map(s) for affected areas: * Sites are numbered on County map. * Damages are described on separate sheets of paper by numbers corresponding to numbers on maps. d. Prioritize sequence of site visitations to ensure most heavily damaged areas are visited; it may not be necessary to visit isolated damage sites. 20. Maintain records of cost and expenditures to accomplish this ESF and forward them to the EOC Finance/ Administration Section Chief.
Recovery Actions	1. Based on the damages and community development plans, provide guidance for post emergency mitigation and redevelopment opportunities. 2. Prepare Hazard Mitigation Reports. 3. Coordinate emergency permitting procedures. 4. Analyze damages from floods and make recommendations to EOC Director and Disaster and Emergency Services related to the National Flood Insurance Program (NFIP). 5. Serve as liaison to insurance industry in event of build–back issues and FEMA/NFIP requirements. 6. Coordinate and monitor the movement and activity of contractors entering the County working on restoration projects. 7. Assist Real Estate Assessments with reappraisal of properties following an emergency for tax adjustments. 8. Activate the County's Emergency Permitting Process. 9. Prepare Project Worksheets. • A Project Worksheet identifies a specific damaged property or structure, defines the scope of work, and establishes the cost of repair or replacement. A separate Project Worksheet is assigned to each site or project. The compendium of Project Worksheets comprise in total the County's Public Assistance Application (federal monies granted to repair, replace damaged or destroyed public facilities). 10. Train and deploy personnel for damage assessment. 11. Provide administrative advice and support relative to preparation of damage assessment forms and reports. 12. Analyze the damage assessment information to determine if the damages meet the criteria to request Federal Disaster Assistance (SBA or Presidential Declaration). 13. Coordinate Damage Assessment reports for submission to state. 14. Request assistance from emergency relief organizations as indicated from the damage assessment. 15. Provide liaison to State EOC.

SUPPORT DEPARTMENTS RESPONSIBILITIES/TASKS	
American Red Cross	1. Provide and deploy damage assessment teams to augment County damage assessment.
Area Manufactures & Commerce	1. Provide assistance and coordination of business damage assessments.
Assessor (Municipal)	1. Provide assessment records on real estate properties, i.e. ownership, mailing address, type of building, value of property. 2. Provide computer system to report parcel data, etc.
Code Enforcement/ Building Inspector	1. Provide inspectors to assist with damage assessment.
Fire Departments	1. Conduct inspections and enforce fire safety regulations and laws. 2. Support damage assessment teams as appropriate. 3. Provide damage assessments of fire–rescue buildings and equipment.
Law Enforcement Agencies	1. Provide damage assessments of police buildings and equipment. 2. Support damage assessment teams as appropriate. 3. Provide security for damage assessment teams as requested.
Milwaukee County Clerk	1. Provide historical documents to assist with damage assessments.
Milwaukee County Departments, All	1. Provide damage reports. 2. Support damage assessment teams as appropriate.
Milwaukee County Department of Administrative Services – Fiscal Affairs	1. Provide administrative advice and support relative to preparation of damage assessment forms and reports. 2. Support damage assessment teams as appropriate. 3. Gather applicable information. 4. Identify sources for reimbursement. 5. Assure compliance with all provisions for financial reimbursement. 6. Secure reimbursement.
Milwaukee County Department of Administrative Services – Information Management Services	1. Provide computer support to assemble damage assessment information.

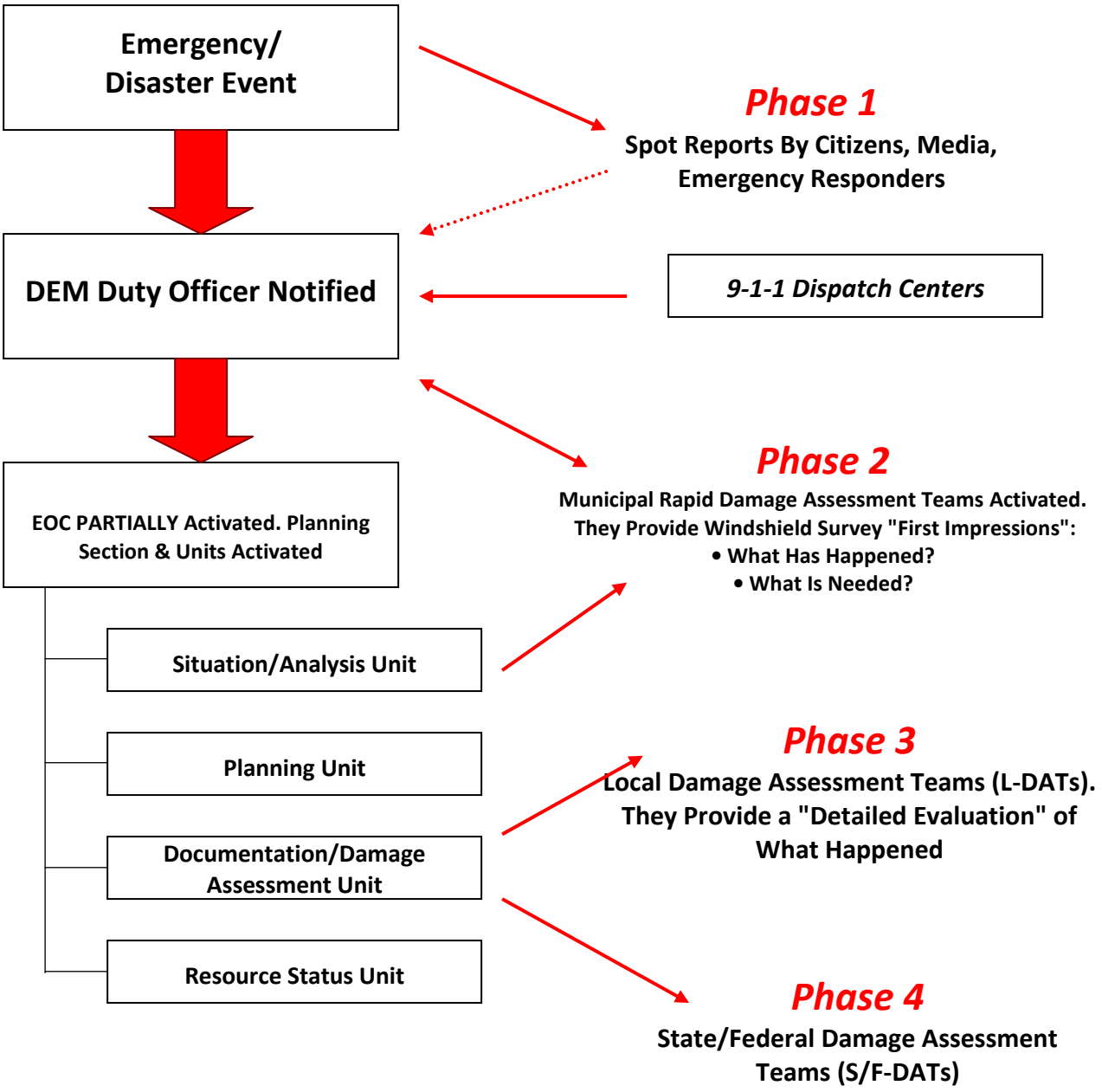
SUPPORT DEPARTMENTS RESPONSIBILITIES/TASKS	
Milwaukee County Department of Transportation (MCDOT)	1. Provide vehicles to assist in damage assessments, which may include bus or shuttle transportation as the inventory allows.
Milwaukee County Office of the Sheriff – Division of Emergency Management	1. Coordinate training and deployment of and deploy personnel for damage assessment. 2. Provide administrative advice and support relative to preparation of damage assessment forms and reports. 3. Analyze the damage assessment information to determine if the damages meet the criteria to request Federal Disaster Assistance (SBA or Presidential Declaration). 4. Coordinate Damage Assessment reports for submission to State. 5. Request assistance from disaster relief organizations as indicated from the damage assessment. 6. Provide liaison to State EOC.
Milwaukee County Parks	1. Support County damage assessment. 2. Provide damage assessments of parks and recreation facilities, buildings and equipment. 3. Perform post disaster damage assessment. a. Perform physical inspection of recreation facilities. b. Complete appropriate damage assessment forms.
Municipal Public Works	1. Support County damage assessment. 2. Assist with infrastructure damage assessment of horizontal construction (i.e., roads, bridges, storm sewers, weirs, etc.). 3. Conduct infrastructure damage assessment of utility “life lines” (water, power, telecommunications, sewer, waste services) owned by each utility. 4. Provide information related to safety, inspections, damages and repairs to roads, bridges and the storm water drainage systems. 5. Request and coordinate structural engineers to assist in the evaluation of building safety, especially during search and rescue (SAR) operations. 6. Provide damage assessments of Public Works facilities, buildings and equipment.
Specialists (As situation requires.)	1. Real Estate Agencies – Provide real estate expertise with damage assessment. 2. Private Sector Architects, Engineers – Assist with damage assessment and participate in post disaster structural evaluations.
Utilities, Private	1. Conduct infrastructure damage assessment of utility “life lines” (water, power, telecommunications, sewer, waste services) owned by each utility.

SUPPORT DEPARTMENTS RESPONSIBILITIES/TASKS	
ATTACHMENTS	1. Damage Assessment Phases & Concept Of Operations Flowchart. 2. Damage Assessment And Recovery Assessment Areas. 3. Milwaukee County Damage Assessment SOP. 4. Local Government Cumulative Initial Damage Assessment Report.
REFERENCES	None.

Attachment 1

DAMAGE ASSESSMENT

DAMAGE ASSESSMENT PHASES & CONCEPT OF OPERATIONS FLOWCHART



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Attachment 2

DAMAGE ASSESSMENT AND RECOVERY ASSESSMENT AREAS

AREA	GROUP ASSIGNMENT
Private Residences	American Red Cross, Realtors, MC Health & Human Services, Building Inspectors
Small Businesses, Industry and Private Utilities	RAMAC Utilities Building Inspectors
Agriculture	USDA Local FSA
Debris Removal	MCDOT – Highway Division, Municipal Public Works, Wisconsin Dept. of Transportation, Wisconsin Dept. of Natural Resources
Protective Measures	Each Emergency Response Agency
Public Road System	MC DAS – Facilities Management, MCDOT – Highway Division
Public Water Control Facilities	MC DAS – Facilities Management, MCDOT – Highway Division , Municipal Public Works Dept., WI DNR, WI DOT
Public Buildings and Equipment	Each Department, MC Clerk, Municipal Clerk, Building Inspectors
Public Utilities	Public Utilities, MCDOT, WI DOT
Facilities under Construction	Building Inspectors
Private Non–profit Facility	Private Non–profit Facility Manager
Recreation	MC Parks, Municipal Parks and Recreation Offices, County and Municipal Clerks
Economic Impact	Job Service, Health & Human Services, American Red Cross, USDA Local FSA
Public Health	MC Public Health Departments, WI Health Office, WI DNR

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Attachment 3

MILWAUKEE COUNTY DAMAGE ASSESSMENT SOP

A. OVERVIEW OF DAMAGE ASSESSMENT PROGRAM.

1. The County Emergency Management organizes a county–wide damage assessment team. The team members are trained on a routine basis and are prepared for activation 24 hours a day, 7 days a week subsequent to a disaster occurrence.

2. Each team member is pre–assigned to cover a specific geographical area (e.g., a given municipality or township) or a specific type of damage (e.g., county–wide damage to roads or forests). In addition, each team member knows what information is required to be reported (i.e., is familiar with the UDSR, the State's Standard Damage Assessment Report form), the timeframes for reporting, who to report to (e.g., the County Emergency Management at the EOC if activated), and by what means (i.e., via phone, electronic mail, 2–way radio, in person, etc.).

3. During a disaster, county and local response agencies will, on an ongoing basis, report on the extent of their involvement, estimate damages, and gather information regarding the disaster's impact on the public and private sectors. Such information is used by county decision–makers to direct the response and recovery effort. The County Emergency Management coordinates receiving and disseminating this information as appropriate. The County EOC may be activated or a field command post set up to facilitate this process. The County Coordinator will notify WEM, through the Area Director, when such a disaster occurs.

4. When there is the potential need for state and/or federal assistance to supplement county and local efforts or when requested by the WEM Area Director, the county is required to submit a 24–hour "flash damage report" to WEM via the TIME Teletype. The Uniform Disaster Situation Report (UDSR) is used for this purpose. (See Appendix C, "State of Wisconsin Guidelines for Assessing and Documenting Disaster Damage" which explains the reporting requirement and provides instructions for completing the form.) At a minimum, the 24–hour report should include the following:

   a. Time, date, location, and type of disaster.
   b. Time and date of the UDSR submission, as well as name of person submitting the report.
   c. Number of people injured or deceased.
   d. Number of persons homeless and number evacuated and in shelters.
   e. Damage estimates for the public and private sectors.
   f. An estimate of the amount of damage covered by insurance.

5. To obtain the information required on the UDSR, the County Emergency Management will activate the pre–designated county damage assessment team. (See organization chart which follows and Appendix A for specific names and phone numbers.) The team will operate per instructions provided by the County Emergency Management. The County Emergency Management will coordinate the team's efforts and compile the information gathered by the team into an overall report for the county and submit it within 24 hours to WEM, also providing a copy to the WEM Area Director.

6. As the disaster progresses and emergency response efforts are curtailed, the county will continue to assess the impact of the disaster through information received from response agencies and from the county dam-

age assessment team. This information will allow decision–makers to prioritize recovery efforts and to determine the need for supplemental state or federal assistance. The County Emergency Management will be responsible for transmitting updated information to WEM so that WEM can revise the original 24–hour UDSR submission.

7. The County Emergency Management, on behalf of the County Executive, will consult with the WEM Area Director on the need for state and/or federal assistance. A decision will be made jointly by WEM and the county as to whether or not and what types of federal assistance will be requested. "The State of Wisconsin County Emergency Management Director's Guide to Key Federal and State Disaster Assistance Programs" (Appendix D) describes the programs available and the county's role in requesting those programs.

8. When a decision is made to request Presidential Disaster Assistance, the county is required to participate in the Preliminary Damage Assessment (PDA) process. The PDA is the first step in requesting such assistance. The process and its purpose are described in "The State of Wisconsin Guidelines for Assessing and Documenting Disaster Damage." The County Emergency Management is responsible for assigning a knowledgeable county/local representative to each of the PDA teams.

B. RESPONSIBILITIES.

1. The County Emergency Management is responsible for doing the following:

   a. Organizes county–wide damage assessment team. Ensures that each municipality is represented and that county/local agencies/departments are aware of their responsibilities. Also ensures that all other potential sources of expertise are tapped to obtain necessary and required information. Maintains current listing of team member names and 24–hour phone numbers.

   b. Trains damage assessment team members. Ensures that they understand the following:

      (1) The purpose of the team and its damage assessment function. Also, the conditions under which it would be activated and how it would operate.
      (2) Their role as team members, including how they will be apprised of the team's activation, what information would be expected of them, including geographic or assessment area of responsibility, and how and when it would be transmitted to the County Emergency Management.
      (3) The state's requirements with regard to submitting the Uniform Disaster Situation Report (UDSR), and participating in the Preliminary Damage Assessment (PDA) process.

   c. In a disaster situation, determines if the team should be activated and which members. Consults with the County Executive and the WEM Area Director and activates the team, as appropriate.

   d. Upon activation, briefs the team on details of the disaster and on the specific timeframe for submitting information to the County Emergency Management. Reviews with the team damage assessment procedures and reporting requirements.

   e. Receives and compiles information from the team members and uses it to complete a Uniform Disaster Situation Report. Submits the report as required to the Division of Emergency Management via FAX or TIME Teletype within 24 hours of the occurrence. Submits updated reports, as necessary, to WEM.

f. Provides damage assessment information to the County Executive and other decision makers on an ongoing basis. Obtains specific or additional damage assessment information at their request.

g. Maintains records of all damage reports and disaster–related expenditures.

h. Ensures that all affected municipalities and government agencies are maintaining separate and accurate records of disaster–related expenditures.

i. If required, appoints and briefs county representatives on Preliminary Damage Assessment (PDA) teams.

j. If required, coordinates with WEM and the Federal Emergency Management Agency (FEMA) in conducting the PDA. If requested, locates facility to be used as headquarters for PDA teams and coordinators.

k. Upon request, provides appropriate information and documentation to WEM in support of requests for federal disaster assistance, e.g., Small Business Administration (SBA) Disaster Loan Program, Farmers Home Administration (FmHA) Emergency Loan Program, and Presidential Emergency or Major Disaster Declarations.

2. County–wide Damage Assessment Team Members are responsible for doing the following:

a. Attend training sessions and briefings conducted by the County Emergency Management to develop an understanding of the following:

(1) The purpose of the damage assessment team and its damage assessment function. Also, the conditions under which it would be activated and how it would operate.
(2) Their role as team members, how they would be activated, what area they would be responsible for assessing, what information they would be expected to provide, and how and when they would be expected to transmit the information to the County Emergency Management.
(3) The county's reporting responsibilities with regard to the Uniform Disaster Situation Report (UDSR) and its role in the Preliminary Damage Assessment (PDA) process.

b. Determine, prior to a disaster occurrence, how they will obtain the damage information they are responsible for submitting to the County Emergency Management.

c. Upon activation of the team, obtain information on or attend a briefing conducted by the County Emergency Management to review damage assessment procedures and reporting requirements and to be apprised of specific timeframes for submitting damage assessments.

d. Perform damage assessment and submit assessment information to the County Emergency Management within the required timeframe. Submit updated information, or other requested information, to the County Emergency Management. Maintain record of all submitted information.

e. As appropriate (e.g., if representing a local unit of government or emergency response agency), maintain separate and accurate records of disaster–related expenditures.

f. If requested by the County Emergency Management, participate, as instructed, in the Preliminary Damage Assessment (PDA) process as a county/local representative.

g. Upon request by the County Emergency Management, obtain and submit additional information to be used as documentation in support of requests for federal disaster assistance.

C. POST–INCIDENT.

1. The County is required to submit a complete and final Uniform Disaster Situation Report (UDSR) to the Division of Emergency Management. In its final form, it will serve as both a damage assessment report and a record–keeping document which describes the full extent of the disaster's impact on the public and private sectors and which summarizes the involvement of local/county, private, and NGOs in the response effort. This report should be mailed by the County Emergency Management to WEM Madison, with a copy to the Area Director, within two to three weeks of the disaster occurrence.

2. County Emergency Management.

   a. As required, assists in the administration and implementation of Presidential Emergency and Major Disaster Declarations. In particular, acts as Designated Agent or Single Point of Contact for all public assistance project applications in the county. Works with applicants in preparing for federal–state engineers. In coordination with applicants, reviews findings of engineers on completed Damage Survey Reports (DSR).

   b. In a Presidential Disaster Declaration, works with the State Hazard Mitigation Officer (SHMO) in identifying and recommending hazard mitigation projects. Assists in the development of the federally required 180–day hazard mitigation plan. If projects are funded, coordinates with SHMO to ensure they are completed as approved by FEMA.

   c. Prepares and submits a final UDSR to WEM (copy to Area Director), summarizing total extent of disaster–related damages in the public and private sectors and the amount of county/local disaster–related expenditures to date.

   d. Debriefs damage assessment team and critiques damage assessment operations. Makes appropriate changes in Damage Assessment Annex to improve future operations.

3. County–wide Damage Assessment Team Members.

   a. As appropriate (e.g., if representing an applicant for public assistance), cooperate with the County Emergency Management in complying with FEMA public assistance grant requirements.

   b. Attend damage assessment team debriefing conducted by County Emergency Management. Critique damage assessment operation and make recommendation for improvement.

Attachment 4

UNIFORM DISASTER SITUATION REPORT

2400 Wright Street
P.O. Box 7865
Madison, WI 53707-7865

TELEPHONE (608)242-3232
(800) 943-0003
FAX (608) 242-3245

DEPARTMENT OF MILITARY AFFAIRS
WISCONSIN EMERGENCY MANAGEMENT

UNIFORM DISASTER SITUATION REPORT

WEM ONLY

DATE & TIME REPORT RECEIVED

RECEIVED BY

1 NAME OF PERSON SUBMITTING REPORT	ADDRESS, CITY, STATE, ZIP	PHONE NO.
2 DATE & TIME OF INCIDENT	3 TYPE OF INCIDENT / EMERGENCY	4 DATE REPORT SUBMITTED TO WEM
5 LOCATION OF INCIDENT:	WEM REGION	COUNTY
CITY	VILLAGE	TOWNSHIP
SECTION	OTHER LOCATION DETAILS (ATTACH A MAP SHOWING LOCATIONS)	

6 ESTIMATED NO. OF CASUALTIES:	DEATHS	INJURIES	HOMELESS	EVACUATED

7 PRIVATE SECTOR DAMAGE ESTIMATES:

	ESTIMATED NO. OF HOMES.				ESTIMATED DOLLAR AMOUNT	ESTIMATED PERCENT COVERED BY INSURANCE
RESIDENTIAL	AFFECTED	MINOR	MAJOR	DESTROYED		
	ESTIMATED NO. OF BUSINESSES				ESTIMATED DOLLAR AMOUNT	ESTIMATED PERCENT COVERED BY INSURANCE
BUSINESS	AFFECTED	MINOR	MAJOR	DESTROYED		
	ESTIMATED NO. OF FARM BUILDINGS				ESTIMATED DOLLAR AMOUNT	ESTIMATED PERCENT COVERED BY INSURANCE
AGRICULTURAL	AFFECTED	MINOR	MAJOR	DESTROYED		

AGRICULTURAL (Continued)	LIVESTOCK LOST		CROPS AFFECTED	
	NO.	ESTIMATED DOLLAR AMOUNT	NO. OF ACRES	ESTIMATED DOLLAR AMOUNT

8 TOTAL ESTIMATED PRIVATE SECTOR DAMAGE $0

9 PUBLIC SECTOR DAMAGE ESTIMATES:

A) DEBRIS CLEARANCE	B) PROTECTIVE MEASURES	C) ROAD SYSTEMS	D) WATER CONTROL FACILITIES
E) PUBLIC BUILDINGS & RELATED EQUIPMENT	F) PUBLIC UTILITY SYSTEMS	G) OTHER (NOT IN PRECEDING CATEGORIES)	

10 TOTAL ESTIMATED PUBLIC SECTOR DAMAGE $0

11 DESCRIBE LOCAL ACTIONS TAKEN OR TO BE TAKEN, INCLUDE NAMES OF AGENCIES AND PUBLIC OFFICIALS INVOLVED IN THE RESPONSE EFFORTS.

12 DESCRIBE OUTSIDE ASSISTANCE NEEDED OR BEING REQUESTED.

13 ADDITIONAL COMMENTS (INCLUDING ECONOMIC OR OTHER IMPACTS ON AFFECTED COMMUNITIES)

DMA Form 1111 (6/99)

Total Event Damage: $0

Attachment

3B – Debris Management

Preface

Emergencies may create a variety of debris that impact the County's ability to provide emergency response and may affect the health and safety of the public. Clearing debris to permit travel emergency vehicles and removal of debris to protect health and safety are vital components of the County's emergency response.

Primary Agency

Milwaukee County Department of Administrative Services – Facilities Management

Emergency Support Functions Attachment 3B Debris Management

Milwaukee County

AGENCIES:

Primary

Milwaukee County Department of Administrative Services – Facilities Management

Support

Debris Management Contractors
Fire Departments
Home Builders & Contractor's Associations
Law Enforcement Agencies
Milwaukee County Department of Administrative Services – Facilities Management
Milwaukee County Department of Transportation (MCDOT)
Milwaukee County Parks – Planning and Development
Public Health (Municipal)
Public Works (Municipal)
Specialists (As situation requires.)
Utilities
Utilities, Private
Utilities: Solid Waste/ Landfill
Utilities: Water and Wastewater Public Works, Building and Facilities

State of Wisconsin

Note

State support to this ESF may be available in coordination with the State Emergency Operations Center (EOC).

Federal

Likely Support Includes:

- Manage, monitor, and/or provide technical advice in the clearance, removal, and disposal of debris from public property. The scope of actions related to debris may include waste sampling, classification, packaging, transportation, treatment, demolition, and disposal.
- When ESF # 3 is activated for a debris mission may also: collect, segregate, and transport to an appropriate staging or disposal site hazardous materials that are incidental to building demolition debris, such as household hazardous waste and oil and gas from small motorized equipment; remove and dispose of Freon from appliances; and remove, recycle, and dispose of electronic goods. (The removal of hazardous material containers that may have become intermingled with construction debris, such as drums, tanks, and cylinders containing oil and hazardous materials, is managed under ESF # 10.)
- Management of contaminated debris (e.g., chemical, biological, radiological, or nuclear contamination) will be a joint effort with ESF # 10 and FEMA. The scope of actions related to contaminated debris may include waste sampling, classification, packaging, transportation, treatment, demolition, and disposal of contaminated debris and soil.

Attachment 3B

Debris Management

A. PURPOSE.

1. To provide for the coordination of emergency road clearance, debris collection and disposal.

B. POLICIES.

1. Debris clearance is critical to life safety and security. Debris removal efforts will first focus on clearing of major transportation routes and roadways into damaged areas to allow for the movement of emergency vehicles, personnel, equipment and supplies.

2. Debris removal is necessary in affected areas to prevent the development and spread of vector–based epidemiological agents, general sanitation problems and environmental damage.

3. All disposal activities will be conducted with health and environmental concerns being the foremost consideration.

4. Milwaukee County will encourage the use of contracted services.

PRIMARY DEPARTMENT RESPONSIBILITIES/TASKS BY PHASE	
MILWAUKEE COUNTY DEPARTMENT OF ADMINISTRATIVE SERVICES – FACILITIES MANAGEMENT	
Pre-Emergency	Work with the Division of Emergency Management to: 1. Maintain this Emergency Support Function (ESF). 2. Maintain inventories of resources and equipment. 3. Participate in tests and exercises. 4. Develop emergency action checklists and Standard Operating Procedures (SOPs). 5. Maintain pre–event contracts to support debris management needs in an emergency. 6. Work with ESF # 1 to establish and maintain priorities for roadway corridors that will have priority in regard to debris removal and repair to allow access into damaged areas. 7. Develop and maintain a Debris Management Plan; Coordinate development of the plan with Public Works & Engineering ESF # 3. Plan content should include strategies for: a. Debris clearing. b. Debris collection.

PRIMARY DEPARTMENT RESPONSIBILITIES/TASKS BY PHASE	
MILWAUKEE COUNTY DEPARTMENT OF ADMINISTRATIVE SERVICES – FACILITIES MANAGEMENT	
	c. Identification of temporary storage and areas. d. Recycling. e. Disposal. f. Hazardous waste identification and handling. g. Administration. h. Dissemination of information to the public. 8. Pre–identify means of transporting the debris if normal channels are unavailable. 9. Establish pre–event working relationships and understandings with neighboring jurisdictions and contractors. 10. Establish and maintain a comprehensive record keeping system for continuous updating and recording of debris numbers. 11. Maintain mutual aid agreements.
Emergency	1. Implement the County Debris Management Plan; Coordinate debris operations. 2. Send a senior representative to the Milwaukee County EOC, when the EOC is activated during an emergency. 3. Coordinate with ESF # 3 for emergency road clearance and removal of debris for reconnaissance of the damaged areas and passage of emergency personnel and equipment for health and safety purposes. 4. When notified, report to the Milwaukee County EOC. 5. Administer and manage contracted services. 6. Coordinate emergency road clearance and removal of debris for reconnaissance of the damaged areas and passage of emergency personnel and equipment for health and safety purposes.
Emergency Operations Center (EOC)	1. Staff the ESF # 3B position in the EOC. 2. Appoint a debris management coordinator; Implement the County's Debris Management Plan. 3. Contact the County's debris management contractor; Activate the County's debris management contract. 4. Coordinate emergency road clearance and removal of debris for reconnaissance of the damaged areas and passage of emergency personnel and equipment for health and safety purposes. 5. Identify incident sites requiring debris clearance and management: a. Public rights–of–way. b. Public property. c. Private property. 6. Recommend disposal sites for debris: • Temporary staging areas and debris reduction sites. 7. Coordinate debris collection and hauling: a. Coordinate debris removal operations in areas affected by emergencies

PRIMARY DEPARTMENT RESPONSIBILITIES/TASKS BY PHASE	
MILWAUKEE COUNTY DEPARTMENT OF ADMINISTRATIVE SERVICES – FACILITIES MANAGEMENT	
	or disasters. b. Coordinate or assist in removal of debris from private property, within the limits established by County Executive. 8. Coordinate the removal of debris with county, state, and federal environmental officials. 9. Coordinate debris separation. Debris from residential and commercial properties will be separated into four general groups: a. Raw garbage, rubbish garbage, yard waste and construction/building rubble. b. Separate hazardous materials and hazardous waste from debris to the extent possible. 10. Coordinate debris disposal. a. Identify debris disposal issues, i.e. hazardous materials. b. Secure necessary environmental permits and legal clearances. 11. Determine methods of disposal as appropriate: a. Open pit burning and burning by incineration methods. b. Mulching and chipping clean horticultural waste. c. Hauling mulched or chipped waste out of the City. d. Mixing mulch or chipped clean waste with soil to improve agricultural productivity. e. Reuse/recycle for aluminum, plastic and horticultural waste to the extent possible. 12. Provide logistical support for demolition operations. 13. Administer and manage contracted services. 14. Sources for additional resources can include: a. Mutual aid. b. Municipal, state and federal resources. c. Private companies, contractors. 15. Maintain records of cost and expenditures to accomplish this ESF and forward them to the EOC Finance/ Administration Section Chief.
Recovery Actions	1. Contact the County debris management contractor; Activate the County debris management contract; Monitor contractor services.

SUPPORT DEPARTMENTS RESPONSIBILITIES/TASKS	
Debris Management Contractors	1. Provide debris clearing and management services.
Fire Departments	1. Provide vehicles and personnel for emergency use.

SUPPORT DEPARTMENTS RESPONSIBILITIES/TASKS	
	2. Assist with road and debris clearance. Engine crews can assist with: a. Road clearing with chainsaws, winch and come–a–longs. b. Manpower for moving equipment and driving vehicles. 3. Approve debris management burn sites in accordance with appropriate local requirements to ensure safe burning. 4. Issue bans on open burning based upon assessment of local conditions and ensure dissemination of information to the public. 5. Supervise burn sites in accordance with all appropriate local requirements to ensure safe burning, subject to amendments by the Health Department and/or Fire Marshal.
Home Builders & Contractor's Associations	1. Source for heavy equipment to include: backhoes, front–end loaders, motor graders, and dump trucks.
Law Enforcement Agencies	1. Identify locations where debris clearance and management is necessary. 2. Provide security at debris clearing and dumping sites.
Milwaukee County Administrative Services – Facilities Management	1. Recommend disposal sites for debris. 2. Assist with identifying and mapping of debris staging areas and disposal sites.
Milwaukee County Department of Transportation (MCDOT)	1. Provide vehicles and personnel for emergency use. 2. Provide vehicles and/or heavy equipment (with trained users) to assist in debris removal/relocation as necessary and as inventory allows. 3. Recommend disposal sites for debris. 4. Assist with identifying and mapping of debris staging areas and disposal sites.
Milwaukee County Parks – Planning and Development	1. Assist Facilities Management and Municipal Public Works in debris removal and restoring access in public right of way priority corridors. 2. Provide temporary debris staging sites. 3. Recommend disposal sites for debris. 4. Assist with identifying and mapping of debris staging areas and disposal sites. 5. Support debris removal operations in areas affected by emergencies or disasters.
Municipal Public Health	1. Assist in monitoring debris management site operations and closeout activities. 2. Assist as necessary on all environmental and health issues. 3. Regulate the burning at debris management sites.
Municipal Public Works	1. Provide personnel and equipment for debris management operations. 2. Assist with developing debris clearance Incident Action Plan.

SUPPORT DEPARTMENTS RESPONSIBILITIES/TASKS	
	3. Provide emergency road clearance and removal of debris for reconnaissance of the damaged areas and passage of emergency personnel and equipment for health and safety purposes. 4. Support debris removal operations in areas affected by emergencies or disasters. 5. Assist with flood control with portable pumps and floating pumps.
Utilities	1. Support debris removal operations in areas affected by emergencies or disasters. 2. Source for heavy equipment to include: backhoes, front–end loaders, and dump trucks.
Utilities Solid Waste / Landfill	1. Recommend disposal sites for debris. 2. Support debris removal operations in areas affected by emergencies or disasters.
Utilities Water and Wastewater	1. Support debris removal operations in areas affected by emergencies or disasters.
ATTACHMENTS	None.
REFERENCES	None.