

Emergency Support Function 1

**Approved by EMA Commission
May 21, 2015**

Transportation

Approved by BHC Emergency Management Commission

- ESF Coordinator:** Black Hawk County Emergency Management Agency
- Primary Agencies:** Black Hawk County Engineer’s Office
Municipal and County Law Enforcement
Municipal Fire/Rescue
Municipal Public Works Departments
Black Hawk County Metropolitan Area Transportation Policy Board
- Support Agencies:** AEA 267
Black Hawk County Emergency Management Agency
Black Hawk County Conservation Office
Emergency Medical Services in Black Hawk County
Exceptional Persons, Inc
Metropolitan Transit Authority
Railroad Operators IA Northern Railway/Union Pacific Railway
Railroad Owners Canadian National Railway Co.
Iowa Department of Public Safety & Iowa State Patrol (invited)
Iowa Department of Transportation (invited)
Iowa Northland Regional Transit Commission
Local Emergency Planning Commission
Park Departments and Agencies supporting the Cedar Trails System
and Cedar Valley Nature Trail
School Transportation Services in Black Hawk County
Waterloo Regional Municipal Airport
University of Northern Iowa

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I. INTRODUCTION

A. Purpose

The purpose of Emergency Support Function 1 (ESF-1), Transportation, is to provide for the coordination of transportation support to federal, state, and local governmental entities, and voluntary organizations requiring transportation capacity to perform response and recovery missions following a disaster and/or emergency in Black Hawk County.

B. Scope

The countywide transportation system consists of roads, state and county highways, interstates, bridges, transit, trails, waterways, rail, and airports. Activities within the scope include:

- a. Coordinate transportation activities and resources during the response phase immediately following an emergency or disaster.
- b. Facilitate damage assessments to establish priorities and determine needs of available transportation resources.
- c. Coordinate temporary repair of critical transportation facilities and systems during the recovery phase from an emergency or disaster, including transit, roads and bridges, rail, and airport operations.
- d. Coordinate local, state, and federal agencies; cities; special purpose districts; and private partners.

II. POLICIES

- A. For this ESF, the focus of the Black Hawk County Emergency Operations Center (EOC) will be to support Incident Command and county transportation response activities for emergencies and disasters that affect Black Hawk County.
- B. Local transportation planning will be directed toward satisfying three primary demands:
 1. Satisfy the requirements of special needs transportation.

2. Provide transportation support and assistance to government entities, and voluntary organizations upon request.
 3. To facilitate both obtaining and utilizing civil transportation capacity if such support is required.
- C. Impacted organizations will utilize, to the greatest extent possible, day-to-day policies to facilitate the integrity of transportation.
 - D. Each primary and support agency will conduct inspections of its infrastructure after an emergency or disaster. The appropriate agency will prioritize repairs until Incident Command provides direction and control.
 - E. Primary and support agencies will ensure that a continuity of operations plan is in place to maintain essential services.
 - F. Primary and support agencies will participate in drills and exercises to test existing plans and procedures.
 - G. All Black Hawk County and municipal agencies will maintain up-to-date contact lists at the EOC on essential personnel and NIMS compliant resource typing information on their equipment.
 - H. Primary and support agencies will participate in post-disaster briefings and development of an After Action Report.

III. CONCEPT OF OPERATIONS

- A. General
 1. In accordance with the Black Hawk County Comprehensive Emergency Management Plan (CEMP) and this ESF, the primary and support agencies are responsible for coordinating transportation response and services to assist in maintaining Black Hawk County's transportation system integrity through the Incident Command System.
 2. The Black Hawk County Emergency Operations Center (EOC) will collect damage assessment reports (FEMA acceptable method) for transportation systems within the county as soon as possible after the event.
 3. Local jurisdictions will forward their requests for assistance to the EOC after exhaustion of jurisdictional and mutual aid resources. The

EOC will prioritize and coordinate requests between and among various jurisdictions and agencies.

4. The EOC will develop guidance for the coordination of transportation resources and the identification of emergency transportation routes for the movement of people, equipment and supplies.
5. County departments, the private sector, volunteer organizations, federal agencies and other local jurisdictions may provide additional transportation. The requesting party and provider should develop prior agreements whenever possible for these resources that have associated fees.
6. When transportation requests exceed the capability of jurisdictions, agencies, and the county, the EOC will coordinate transportation activities with the State.
7. The EOC will coordinate the development of transportation evacuation plans among the primary agencies. The Waterloo – Cedar Falls Metropolitan Area Evacuation Plan will provide guidance for development of a situation specific evacuation plan.
8. The Waterloo Regional Airport will be the primary airfield for large aircraft transporting resources.
9. Mass evacuation operations may include the Metropolitan Transit Authority, Cedar Falls Community Schools, Dunkerton Community Schools, Durham School Services, Hudson Community Schools, and Union Community Schools transportation resources as well as private carriers.
10. Reconnaissance of disaster-impacted areas by aircraft may be essential.

B. Organization

1. Because a wide range of emergencies may require the implementation of the CEMP, the lead organization during those activations may shift depending on the incident, coordination will require a collaborative approach between all primary and support agencies.

2. All emergency operations, whether occurring on-site at the jurisdiction level or at the EOC, will follow the principles identified in the National Incident Management System (NIMS).
- C. Procedures
1. If an emergency exists that requires external transportation resources, the required typed resource shall be identified and then requested through the EOC.
 2. As appropriate and available, each primary and support agency will assign a representative to the EOC.
- D. Phases of Emergency Management
1. Mitigation Activities - Primary and support agencies will
 - a. Regularly inspect public transportation systems for deterioration and make necessary repairs to keep them in response ready condition.
 - b. Maintain equipment in response ready operating condition.
 2. Preparedness Activities - Primary and support agencies will
 - a. Develop and maintain standard operating procedures and checklists dealing with transportation response.
 - b. Ensure all employees receive training in their responsibilities according to departmental standard operating procedures and checklists.
 - c. Develop and maintain a chain of command to ensure continuity within department.
 - d. Assign and train personnel to appropriate level NIMS/ICS training in order to function effectively in Incident Command and assist in coordination of transportation issues.
 - e. Provide the Black Hawk County Emergency Management Agency with current emergency contact information (24/7). In the case where a 24/7 contact is not available, the routine business office number will be provided. See Attachment A for a listing of the Primary and Support Agencies that Black

Hawk County Emergency Management Agency has contact information for, either 24/7 or business office.

In addition to the above, a list of roads, bridges, and transportation points deemed critical transportation links within Black Hawk County will be maintained by the Black Hawk County Emergency Management Agency and included in this plan as Attachment B. All agencies should be aware of these and develop procedures to keep transportation operating in the event of an emergency or disaster.

3. Response Activities

All Primary and Support Agencies

- a. Ensure representation at the EOC as appropriate and as available.
- b. Report to the EOC any known or suspected damage to infrastructure of the primary agency or other infrastructure for which the agency is responsible.

4. Recovery Activities

- a. Primary agencies will conduct inspections of infrastructure after an emergency or disaster. The appropriate agency will prioritize repairs until the EOC provides direction.
- b. All agencies involved in recovery efforts will complete detailed cost accounting. If a Presidential Disaster is declared, and there is a potential for federal and/or state assistance, this accounting will be critical to recovery and reimbursement.

IV. RESPONSIBILITIES

A. All Primary Agencies

1. Dispatch trained emergency responders for the provision of essential services.
2. Provide liaison to the EOC as indicated.
3. Provide an assessment of damages and operational status of transportation facilities and structures to the EOC.

4. Identify and coordinate the critical lifeline routes and communicate status to their transportation liaison in the EOC.
 5. Make temporary emergency repairs, bypasses, or alterations for provisional repair of transportation lifelines, facilities, and structures.
 6. Coordinate through Incident Command with local transit authorities to identify lifeline routes and to maintain those routes through debris removal.
 7. Assist first responders with barricades and other traffic related supplies and expertise.
 8. Return activities to normal levels as soon as possible following the emergency or disaster, unless involved with recovery activities.
 9. Implement internal emergency operations plans.
 10. Develop a disaster recovery plan that addresses the long-term continuity of transportation services and facilities following an emergency or disaster.
- B. Municipal Public Works Agencies
1. Provide liaison to the Incident Command Post and/or the EOC as available, to coordinate emergency response and early recovery.
 2. Coordinate with neighboring jurisdictions in support of this ESF (i.e., reroutes, lifelines, recovery, etc.).
 3. Determine usable portions of the county's transportation system to coordinate and control emergency traffic regulations in conjunction with appropriate law enforcement agencies.
 4. Report operational status and resource requirements to the EOC.
 5. Provide vehicles, equipment, materials, supplies, and on-site vehicle repairs necessary to maintain or restore transportation systems as resources and safety allow.
- C. County and Local Law Enforcement
1. Assist in emergency traffic control.

2. Assist with maintaining traffic flow and enforcing transportation usage priorities.
 3. Provide damage assessment information to the EOC.
 4. Plan and direct evacuation operations through incident command.
- D. Support Agencies
1. Black Hawk County Emergency Management Agency
 - a. Activate the EOC in support of field operations.
 - b. Assist in developing agreements or contracts with transportation resources.
 - c. Coordinate public information and support Public Information Officer (PIO) and/or Joint Information Center (JIC) per ESF-15, External Affairs.
 2. School Districts in Black Hawk County and Metropolitan Transit Authority
 - a. Participate in evacuation planning and support the EOC and Incident Command, as possible. See Attachment C for number and capacity of bus resources per school district.
 - b. Provide damage assessments to the EOC.
 3. Iowa Department of Transportation (IDOT) in conjunction with the Iowa State Patrol (ISP)
 - a. When directed by IDOT and/or IDPS, will deploy to the Black Hawk County EOC to provide more direct communication between the local EOC and the SEOC.
 - b. Provide status information and damage assessments to the EOC through the IDOT liaison.
 - c. Responsible for all actions and activities on State highways and ensuring trafficability of same.

- d. In coordination with the Iowa Department of Natural Resources, provide assistance for hazardous materials incidents per ESF-10, Oil and Hazardous Materials Response.

V. ATTACHMENTS

Attachment A. Primary and Support Agency Contact Information

Organization	Have 24/7 Phone No.	Have Business Number only
Black Hawk County Engineer’s Office	X	
Black Hawk Metropolitan Area Transportation Policy Board	X	
Black Hawk County Emergency Management	X	
Black Hawk County Conservation Office	X	
Metropolitan Transit Authority	X	
Union Pacific/Canadian National / IA Northern Railway		X
Iowa Department of Public Safety & Iowa State Patrol (invited)	X	
Iowa Department of Transportation (invited)	X	
Iowa Northland Regional Transit Commission	X	
Local Emergency Planning Commission	X	
Park Departments and Agencies supporting the Cedar Trails System and Cedar Valley Nature Trail		X
Waterloo Regional Municipal Airport	X	
Black Hawk County Sheriff	X	
Cedar Falls Police Dept	X	
Dunkerton Police Dept	X	
Evansdale Police Dept	X	
Gilbertville Police Dept	X	
Hudson Police Dept	X	
La Porte City Police Dept	X	
Waterloo Police Dept	X	
Cedar Falls Fire & Rescue	X	
Dunkerton Fire & Rescue	X	
Evansdale Fire & Rescue	X	
Gilbertville Fire & Rescue	X	
Hudson Fire & Rescue	X	
La Porte Fire & Rescue	X	
Raymond Fire & Rescue	X	
Waterloo Fire & Rescue	X	
Durham School Services-Bus Company for WSD	X	
Cedar Falls Community School’s Transportation		X
Union Community School’s Transportation		X
Dunkerton Community Schools Transportation		X
AEA 267 Transportation		X
EPI Transportation		X
Hudson Community Schools Transportation		X

Attachment B. Critical County Transportation Routes and Bridges

Overview: Black Hawk County is home to an extensive road system, composed of an interstate system (I-380), several highways, both federal (US 20, 63, & 218) and state (Iowa 21, 57, 58, 175, 934 University Ave. and 281), and over 520 miles of gravel roads and 240 miles of hard surface secondary roads. Black Hawk County also maintains over 300 bridges. See Waterloo/ Cedar Falls Metropolitan Evacuation Plan for an evacuation area map, critical bridges map, evacuation pick up points map and other evacuation related maps. The following table lists critical transportation points and links by community.

Municipality	Critical Transportation Points	Critical Transportation Links
Black Hawk County (Unincorporated)	IA 57, IA 66, US 57, IA 281, IA 220, US 20, US 218, US I-380, US 63, IA 175, IA 21, Tama RD, County D48, County V51, County V62, County D38, County C57	D48 Bridge over Cedar River, US 20-US I 380 Exchange
Cedar Falls	US 58, US 20, US 218, Hudson Road, University Ave, US 57, Greenhill Road, Ridgeway Road	218-58 mix master, Bridge over Cedar River On US 57, US 58 –University Ave. Interchange, US 58-US 20 Interchange, Round About for Greenhill , Viking, & Cedar Heights
Dunkerton	IA 281, County C66	IA 281 Bridge over Crane Creek
Elk Run Heights	Elk Run Road, Lafayette Road	
Evansdale	US I-380, Lafayette Road, Sky view Road	US I-380 Interchange, I-380 bridge over Cedar River
Gilbertville	County D38, County V-49, Gilbertville Road	County D 38 Bridge over Cedar River
Hudson	US 63, County D35, Hudson Road	
Janesville (in Black Hawk Co.)	County V14, US 218	V14 Bridge over Cedar River
La Porte City	US 218, County D52, County V51, County D48	US 218 Bridge over Wolf Creek, County D48 Bridge over Cedar River, Main street bridge over Wolf Creek
Raymond	Raymond Road, Lafayette Road	
Waterloo	US I 380, US 218, US 63, US 57, 4 th Street, US 20, Ansborough Ave., IA 21, Independence Ave, Lafayette Road, Green Hill Road, University Ave, Washington Street,	US 20-US 218 Mix Master, US 20-IA 21 Interchange, US 20 Ansborough Interchange, US 20-US 63 Mix Master, US 218 on-off ramp s downtown, intersection of 18 th St and US 218, US 218-US 63 Interchange, Bridges over Cedar River downtown—18 th Street, 11 th Street, 6 th Street, 5 th Street, 4 th Street, 1 st Street, Mullan Ave. and Conger Street-, US 218 Bridge over the Cedar River, US 218 Bridge over Black Hawk Creek, US 218 Bridge over East Lake, US 218 Broadway Exchange

Attachment C. Mass Transportation (Bus) Information

Black Hawk County Emergency Management Agency has on file memorandums of understanding for transportation services during emergency situations with the following:

Metropolitan Transportation Authority
 Cedar Falls Community Schools
 Hudson Community Schools
 Durham School Services in conjunction with Waterloo Schools

The information below outlines approximate bus resources and capacity. An assumption is made that there are enough bus drivers to operate the buses, which in a disaster situation may not be the case.

Agency (public and private)	Number of Buses	Capacity per bus and/or total (if available)
AEA 267	15	
Catholic Schools	3	Total -147 people
Cedar Falls Community Schools	40	Total - 1500 people
Christian Academy	2	Total -15 people
Dunkerton Community Schools	9	Approximately 70 per bus
Exceptional Persons	18	7 Lift type=105 11 Straight type=550
Waterloo Schools	69 + 9 with wheel chair access	60/ bus 20/ wheel chair accessible buses
Hudson Community Schools	8	Total -578 people
Iowa Northland Regional Transit Commission (RTC)	21 vans and light duty buses, of which 15 are used for RTC services and 6 are contracted to regional sub-providers who provide service on behalf of RTC, handicapped accessible	Note: These are not all located in Black Hawk County.
Metropolitan Transit Authority	41, all are handicapped accessible	Average of 25 people per bus
Union community Schools	22	Total -1,682

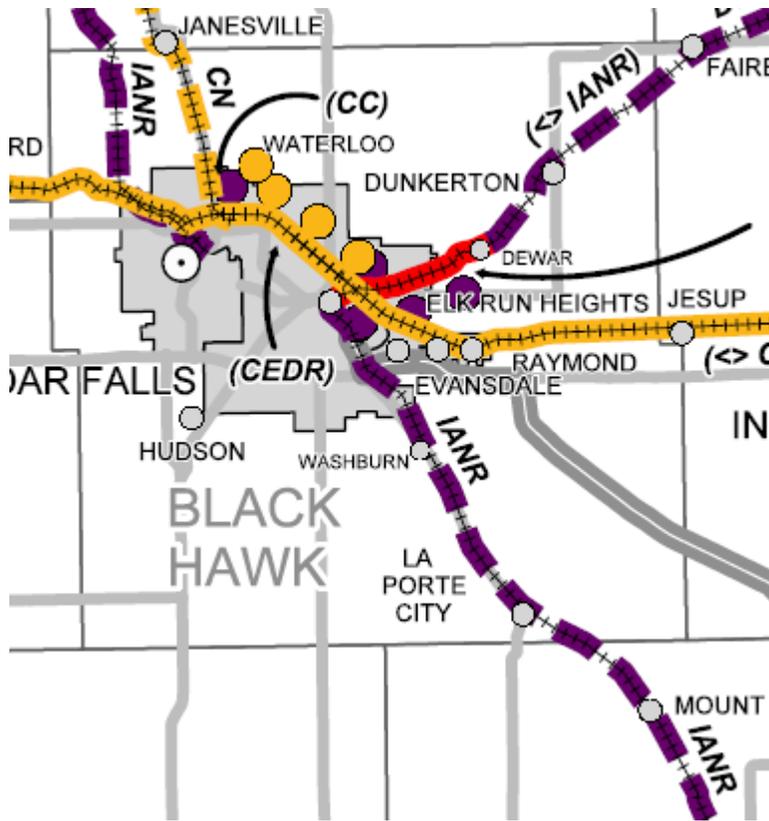
Attachment D. Waterloo Regional Airport Specifications

Waterloo Regional Airport covers an area of 2,583 acres which contains three asphalt paved runways:

Runway #1 (6/24)	5400 ft x 130 ft	no Instrument Landing System
Runway #2 (12/30)	8399 ft x 150 ft	Instrument Landing System
Runway #3 (18/36)	6003 ft x 150 ft	no Instrument Landing System
Maximum Aircraft	747	

See <http://www.gcr1.com/5010web/airport.cfm?Site=ALO> for additional information.

Attachment E. Rail Lines / Railroads in Black Hawk County



Railroad Operators

- Chicago, Central & Pacific Railroad* _____ **CC**
- Iowa Northern Ry. Co.* _____ **IANR**
- Union Pacific Railroad* _____ **UP**

Railroad Owners Non-Operators

- Canadian National Railway Co.* _____ **CN**

Source

<http://www.iowadot.gov/iowarail/railroads/maps/servicehighways.pdf>

