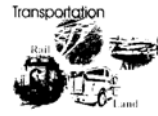


EMERGENCY SUPPORT FUNCTION #1 TRANSPORTATION



COORDINATING AGENCY	Guernsey County Engineer's Office
PRIMARY AGENCIES:	Guernsey County Highway Department All Municipal Street Departments All nineteen Township Jurisdictions of Guernsey County Ohio Department of Transportation
SUPPORT AGENCIES:	Guernsey County Emergency Management Agency Cambridge Area Regional Airport Authority Guernsey County Sheriff's Office Local Law Enforcement Agencies All County Fire Departments All County EMS All County School Districts Guernsey County Senior Citizens Center Southeast Area Transit Guernsey County MR/DD
State Agencies	Ohio State Highway Patrol Ohio Department of Natural Resources

I. Introduction

Guernsey County has a diversified transportation network that includes land-base elements as well as the Cambridge Municipal Airport. Interstate 70, east and west, and Interstate 77, north and south, are the two major arterials that cross the county. Other major routes include State Routes 40, 22, and 209.

A. Purpose

1. Emergency Support Function (ESF) #1 is to provide for the organization, mobilization, and coordination of transportation services and resources during and following an emergency or disaster in Guernsey County.

B. Scope

1. Transportation provisions support involves roads, highways, culverts, ditches, and bridges. Activities within the scope include:
 - a. Facilitating damage assessments to establish priorities and determine needs of available transportation resources.
 - b. Coordinating transportation activities and resources during the response phase immediately following an emergency or disaster.
 - c. Coordinating temporary and permanent repair of critical transportation facilities and systems during the response and recovery phases from an emergency or disaster.
 - d. Provide transportation resources for the general public as needed during evacuations.
 - e. Construction of emergency access routes necessary for passage of rescue personnel.

EMERGENCY SUPPORT FUNCTION #1 TRANSPORTATION

C. Policies

1. All county, township, and municipal highway departments will assist in the coordination of transportation response activities for emergencies and disasters that affect Guernsey County.
2. Repairs to transportation systems will be prioritized by individual jurisdictional agencies policies and procedures based upon benefit to disaster victims and affected communities.
3. ESF-1 will provide for and transport vulnerable populations to safer locations.
4. ESF-1 will provide transportation resources for critical workers during declared emergencies and/or disasters. . Each agency, department and facility within Guernsey County and it's political sub-divisions with critical workers will be required to maintain a list of such employees or members and to provide each with identification showing such. They will upon request provide their list of critical workers to Emergency Management and/or any local law enforcement agency.
5. The Guernsey County Commissioners will determine when to request state assistance that will be provided in accordance with the Ohio Response Plan (ORP).
6. The State of Ohio will determine when to request federal transportation assistance that will be provided in accordance with the National Response Plan (NRP)

II. Situation & Assumptions

A. Situation

1. Hazards that affect Guernsey County may damage transportation infrastructure and can hamper the movement of emergency personnel and delay the delivery of vital resources.
2. Disasters will reduce the availability of many local resources and require the transportation of resources to the affected area.
3. Guernsey County is located in Ohio Department of Transportation District 5.
4. Private contractors and businesses may provide additional support during emergencies.

GUERNSEY COUNTY TRANSPORTATION OVERVIEW	
Registered motor vehicles	48,564
Passenger cars	29,575
Noncommercial trucks	10,222
Total license revenue	\$1,263,398.64
Interstate highway miles	51.94
Turnpike miles	0.00
U.S. highway miles	39.59
State highway miles	153.84
Township road miles	600.04
Commercial airports	1
Commercial heliports	1

Figure 1

EMERGENCY SUPPORT FUNCTION #1
TRANSPORTATION
INTERSTATE HIGHWAYS

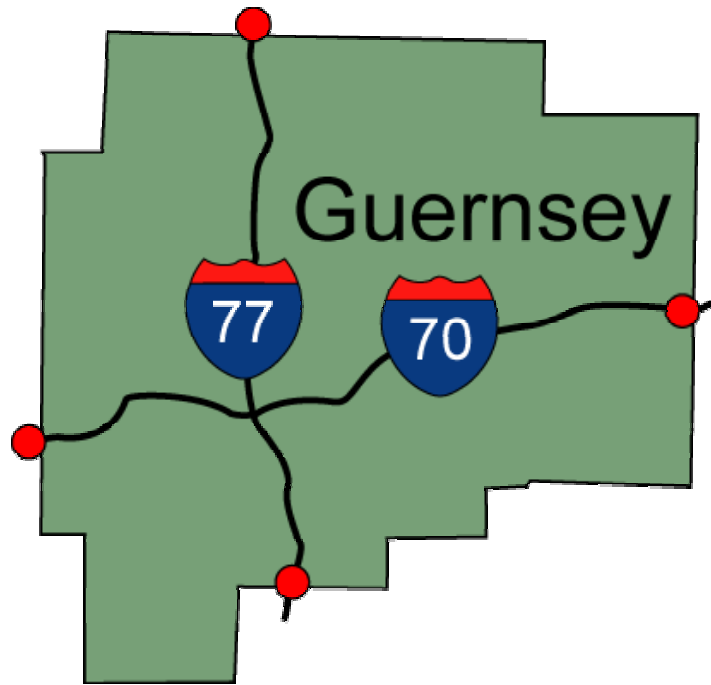


Figure 2

STATE & US HIGHWAYS

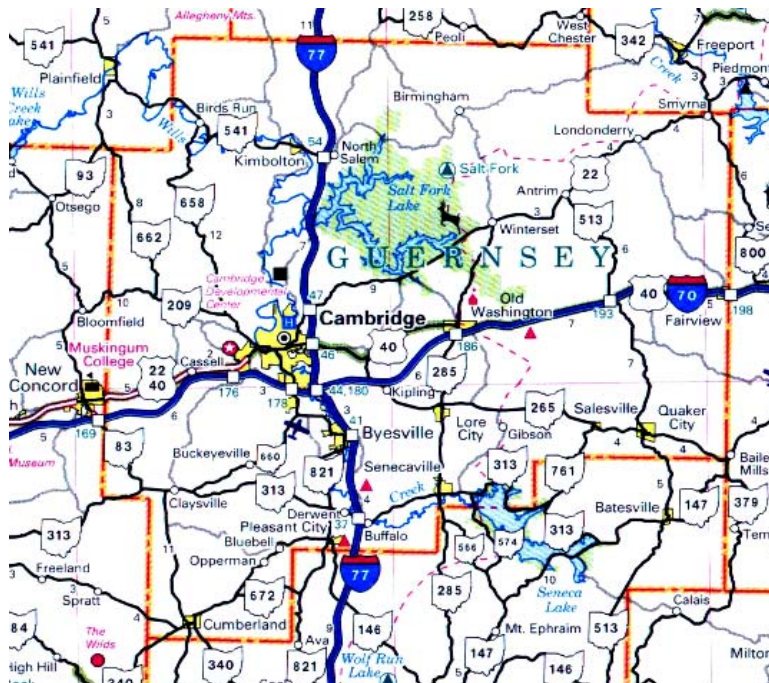
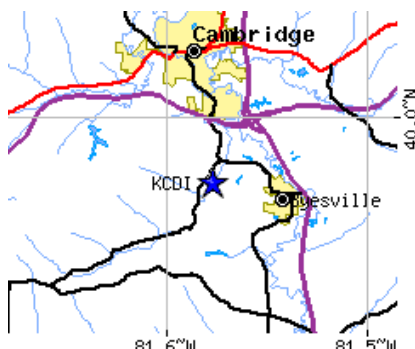


Figure 3

EMERGENCY SUPPORT FUNCTION #1 TRANSPORTATION

CAMBRIDGE MUNICIPAL AIRPORT

The Cambridge Airport is a General Aviation Airport located 2 miles south of Cambridge on state route 660.



It is open from 8:00 a.m. until 6:00 p.m. Monday through Friday. The airport currently has a 4,300-foot runway with plans for expanding it to 5,000 feet to enable the landing of larger planes. It offers localized approach for Distance Measuring Equipment (DME) landing, as well as very high frequency omnidirectional range (VOR) navigation signal approaches.

The airport accommodates 3500 to 4000 flights per year. There are tie downs for 13 aircraft, 10-T hangers, 1 community hanger, Unicom communication and automated weather operating service.

Airport Operational Statistics

Aircraft based on field	22
Single engine airplanes	21
Jet airplanes	1

Aircraft operations: average 116/week

67%	Local general aviation
25%	Transient general aviation
7%	Air taxi
1%	Military

Manager Name: Terry Losego

Manager Phone: 740-432-3726

Salt Fork Lodge Heliport

Publicly Owned, Open to the Public

6 miles NE of Cambridge

40-06-39.255N, 081-31-34.430W

Manager Name: Gene Branham - 740-439-3521

Dimensions: 60 ft. x 56

Surface: Asphalt - Good Condition

Taildragger Airport

Privately Owned, Private Use

5 miles N of Cambridge

40-07-01.256N, 081-34-16.435W

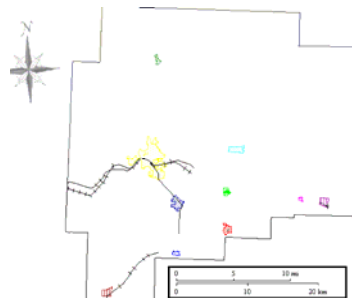
Dimensions: 2100 ft. x 125

Surface: Grass

Runway Edge Lights: None

RAILROADS

The Ohio Central Railroad provides rail service (freight only) in Guernsey County.



EMERGENCY SUPPORT FUNCTION #1 TRANSPORTATION

B. Assumptions

1. Disaster/emergency responses addressing transportation systems may be difficult to coordinate immediately following an emergency since routes may be blocked by traffic, debris and/or damage.
2. Repairs to transportation systems will be prioritized based upon benefit to disaster victims and affected communities according to policies and procedures developed by each responsible agency.
3. Repair of access routes will permit a sustained flow of emergency relief although localized distribution patterns may be disrupted for a significant period.
4. All transportation assets under the control of the county, villages, city, and townships will be made available to Emergency Support Function (ESF) #1 upon implementation of the Emergency Operations Plan (EOP).
5. ESF-1 agencies will assist police and fire in traffic control, rescue operations, and clearing and maintaining critical lifeline routes.
6. ESF-1 agencies will utilize their existing directives and standard operating procedures in responding to major emergencies/disasters, while working within the framework of the county Emergency Operations Plan (EOP).
7. Buses will be provided by county school districts as requested for movement of evacuees.
8. The requirement for transportation capacity during the immediate lifesaving response phase at the site of the disaster may exceed the availability of the county, city, villages, and townships assets.

III. Concept of Operations

A. General

1. Following a disaster, the top priority is to clear major roads and routes providing access to support facilities such as hospitals, to allow for the movement of emergency vehicles, resumption of critical services, damage assessment. Emergency roadway clearance also facilitates the deployment of external response elements and delivery of emergency equipment and supplies.
2. The Guernsey County Engineer or his designee in the EOC will represent ESF-1 primary agencies to coordinate, track, and monitor transportation-related issues.
3. As the emergency situation dictates, ESF-1 organizations will have representatives assigned to the EOC as requested by the coordinating agency.
4. ESF-1 will coordinate road closers and establish alternate routes with local law enforcement agencies.
5. ESF-1 agencies will provide transportation route status and resource availability information to the EOC for overall impact on emergency actions.

EMERGENCY SUPPORT FUNCTION #1 TRANSPORTATION

B. Organizational Structure

1. The Guernsey County Engineer maintains county roads, culverts adjacent to county roads, bridges on county and township roads and serves as the coordinating agency for ESF #1. The Guernsey County Engineer or his designee will staff the Guernsey County EOC and coordinate with the appropriate primary and support organizations to answer the needs of affected communities.
2. The Ohio Department of Transportation (ODOT) maintains United States (US) Highways and State Routes, culverts adjacent to them, and bridges on them.
3. The jurisdictional township trustees maintain township roads, culverts and ditches adjacent to them.
4. The jurisdictional street department maintains village streets and alleys.
5. The City of Cambridge street department is responsible for the care and maintenance of city property, streets, alleys, storm drains and traffic control systems. The city of Cambridge also is responsible for the Campbell Avenue Bridge.
6. The Cambridge Area Regional Airport Authority operates and maintains the Cambridge Municipal Airport.
7. The Superintendent of Guernsey County Schools will serve as the Emergency Transportation Coordinator for the use of school buses for evacuation purposes.
8. Primary and Support Agencies for the county transportation function will coordinate with the Guernsey County Engineer or his designee in the Guernsey County EOC to ensure the most effective use of personnel and equipment, to avoid redundant activities and to cooperate on emergency transportation need missions.
9. Internal resources of all operating departments will be managed by individual departmental procedures and policies.
10. Local township, village, city-level emergency requests for county transportation resources and services communicated to the Guernsey County EOC will be directed to the ESF #1 coordinating agency for action.
11. All assistance from state or federal transportation resources will be requested and coordinated thru the Guernsey County EOC.

C. Pre-Incident Actions (Preparedness & Mitigation)

1. All ESF-1 agencies are expected to develop standard operating procedures to handle daily situations and larger scale events. This includes:
 - a. Developing and maintaining emergency call-out lists of personnel and critical workers.
 - b. Maintain and update listings of local private contractors who can provide support during emergencies.
 - c. Participate in the development and exercising of the EOP for major emergencies and disasters.
 - d. Development of mutual aid agreements between agencies, as appropriate.

EMERGENCY SUPPORT FUNCTION #1 TRANSPORTATION

2. Provide appropriate training to personnel on disaster response, self-preservation techniques, the National Incident Management System (NIMS), and the incident command system (ICS) in disaster response.
 3. Ensure that employees fully understand their obligation as emergency responders to report to work as soon as possible in the event of major emergency/disaster.
 4. Designate a liaison that will be responsible to coordinate with the Guernsey County EMA for the agency's mitigation and preparedness activities. This includes participating in the development, maintenance, and exercise of the County Emergency Operation Plan (EOP).
 5. Designate a resource coordinator who will serve as a member of the County's EOC ESF-1 group as requested whenever the Emergency Operations Center is activated.
 6. All ESF-1 agencies will assist the Guernsey County EMA in updating the Guernsey County Resource Manual by identifying sources, locations, and availability of earthmoving equipment, dump trucks, road graders, fuels, etc. that could be used to support disaster response and recovery.
- D. Incident Period Actions (Response)
1. County Engineer or designee reports to EOC.
 2. Immediately recall of off-duty personnel as needed.
 3. Furnish equipment and operators to assist in rescue operations.
 4. Support traffic control measures and provide signs for detours, shelters, routes, security, trespassing, etc.
 5. Coordinate transportation resources for evacuations.
 6. Document personnel and other costs related to the major emergency/disaster response for possible reimbursement.
 7. Provide a resource coordinator when requested to serve as a member of the County's EOC ESF-1 team when the Center is activated in response to a major emergency/disaster.
 8. Ensure that emergency response activities and emergency public information are coordinated with the EOC.
 9. Clear debris and open roads for emergency traffic.
 10. Determine the safety of evacuation routes and bridges.
 11. Barricade damage areas.
 12. Support the transportation of county emergency personnel, goods and services to the site of the disaster including the establishment of County Transportation Staging Areas.
 13. Assist Support Agencies for emergency transportation response and recovery activities by providing fuel and maintenance for county, city, villages, and townships vehicles. A listing of bulk fuel distributors will be maintained in the county resource manual.

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E. Post Incident Actions (Recovery)

1. Support cleanup and recovery operations.
2. Provide damage estimates as requested by the Guernsey County Emergency Management Agency. (*Refer to Damage Assessment Support Annex*).

IV. Assignment of Responsibilities

A. Coordinating Agency

1. The Guernsey County Engineer is designated as the primary contact and shall staff the Emergency Operations Center (EOC) upon notification and ensure 24-hour staffing coverage.
2. Maintain roster of all support agency contact persons, make necessary notifications, activate support agencies as necessary, and maintain ongoing communications to support mission assignments.
3. Prioritize missions in coordination with the Executive Policy Group (EPG) based on life, safety, and protection of property.
4. Coordinate mutual aid and private vendor resource needs through the proper resource request procedure and maintain documentation for financial reimbursement once local resource capabilities have been exhausted.
5. Coordinate with ESF #1 team members to develop missions for county and local ESF #1 personnel and to prioritize missions.
6. Maintain an overview of ESF #1 activities for briefing purposes.

B. Primary Agencies

1. County Highway Department
 - a. Serve on damage assessment teams to determine types of damage to and repairs needed for county transportation infrastructure.
 - b. Procure equipment and services from private contractors as needed during emergencies.
 - c. Coordinate with transportation organizations in the affected area in order to obtain information on the transportation infrastructure and assist local organizations in emergency repairs to transportation infrastructure.
 - d. Provide reports to county agencies on the status of transportation routes at the site of the emergency.
2. Townships and Municipal Street Departments
 - a. Serve on damage assessment teams to determine types of damage to and repairs needed for transportation infrastructure of their jurisdictions.
 - b. Maintain an overview of ESF #1 activities for briefing purposes.
 - c. Support the transportation of local emergency personnel, goods and services to the site of the disaster.
 - d. Procure equipment and services from private contractors as needed during emergencies.
 - e. Provide reports to county EMA on the status of township roads, city/village streets in their jurisdiction.

EMERGENCY SUPPORT FUNCTION #1 TRANSPORTATION

3. Ohio Department of Transportation (ODOT)
 - a. Serve on damage assessment teams to determine types of damage to and repairs needed for transportation infrastructure of state highways.
 - b. Maintain an overview of ESF #1 activities for briefing purposes.
 - c. Provide reports to Guernsey County EOC/EMA on the status of state and US transportation routes.
 - d. Advise of type of assistance that can be provided to county, township and municipalities.
- C. Support Agencies
 1. Guernsey County EMA
 - a. Maintain an inventory of all public controlled transportation assets available for the evacuation of individuals. The inventory shall include SEAT vehicles, Senior Citizens vehicles, and school buses, including availability by time of day and day of the week.
 - b. Coordinate with local governmental officials to ensure County ESF #1 personnel are able to work with appropriate local officials and technicians on local mission assignments.
 2. Public Information Officer
 - a. Coordinate and provide public information on road closures.
 - b. Maintain communications with ESF-1 agencies for updating of information.
 3. Local, County, & State Law Enforcement Agencies
 - a. Provide traffic control, enforcement and related services on state highways and other traffic routes during emergencies as directed.
 - b. Coordinate with ESF #1 coordinating agency in developing and implementing emergency traffic control measures.
 - c. Provide coordination and support for local law enforcement traffic control efforts during emergencies.
 - d. Support assessment of damage to transportation infrastructure.
 4. County Fire Departments
 - a. Provide 4-wheel drive vehicles for the transportation of critical workers.
 - b. Assist with transport of evacuees requiring ambulatory assistance.
 - c. Provide boats for transportation of flooded victims.
 5. Ohio Department of Natural Resources
 - a. ODNR, Division of Forestry may provide personnel with chain saws and heavy equipment for debris removal in declared emergencies.
 - b. Provide boats for transportation of flooded victims.
 6. County Schools
 - a. Provide buses for transportation of evacuees.
 - b. Provide to the Director of Guernsey County EMA an inventory of buses including the number of buses that are wheelchair equipped, availability during school and non-school hours,

EMERGENCY SUPPORT FUNCTION #1 TRANSPORTATION

7. United Ambulance
 - a. Provide wheelchair-accessible vehicles and operators for evacuation of elderly and disabled.
 - b. Provide oversight and dispatch to vehicles.
 - c. Assist with transportation of evacuees requiring ambulatory assistance
8. Cambridge Area Regional Airport Authority
 - a. Conduct damage assessment for all airport related public assistance damages including debris removal, protective measures, and damage to facilities and equipment.
 - b. Forward information to the coordinating agency.
 - c. Coordinate the debris removal and temporary and permanent repairs for all airport facilities and equipment.
9. County EMS Units
 - a. Transport evacuees requiring ambulatory assistance.
 - b. Provide manpower assistance to various agencies with wheelchair accessible vehicles.
10. Guernsey County Senior Citizens Center
 - a. Provide assistance in transporting elderly evacuees as requested.
 - b. Provide Guernsey County EMA with list of resources for county resource manual.
11. Southeast Area Transit
 - a. Provide transportation resources as requested.
 - b. Provide Guernsey County EMA with list of resources for county resource manual.

V. Supporting Plans & Procedures

Guernsey County Resource Manual

Date of last revision: 2006

Available from: Guernsey County EMA

City of Cambridge Street Clearing Protocol

Date of last revision:

Available from: Cambridge Street Department

Guernsey County Incident Command Procedures

Date of last revision: 2005

Available from: Guernsey County EMA

Various Department & Agencies SOP(s)

Date of last revision: N/A

Available from: N/A

EMERGENCY SUPPORT FUNCTION #1
TRANSPORTATION

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