I. PURPOSE

The purpose of this Annex is to outline duties and responsibilities of engineering, utility, and public works agencies in Summit County in the event of a major emergency.

II. SITUATION AND ASSUMPTIONS

A. Situation

1. The Summit County Engineer’s Office is located at 538 E. South Street, Akron, OH.

2. The Summit County Engineer Operation’s Office and Dispatch Center is located at 601 E. Crosier Street, Akron, OH.

3. The Summit County Department of Sanitary Sewer Services Office is located at 1180 S. Main Street, Suite 201, Akron, OH.

4. The Summit County Department of Sanitary Sewer Services has several plants located throughout the County that provide wastewater services.

5. General public works services are provided by most political subdivisions as well as by the Summit County Engineer, the Ohio Department of Natural Resources (ODNR) and the Ohio Department of Transportation (ODOT).

6. The following state-level public works departments have offices in Summit County and may assist in the event of an emergency:

   a. Ohio Department of Transportation, Highway Maintenance. *(The only way ODOT can assist locals off of state, US and interstate routes is with a Governor’s emergency declaration. This is initiated at the county local level by the Summit County Emergency Management Agency (SCEMA). In the time of an emergency, ODOT can, will, and many times help, but this procedure has to be followed).*

   b. Division of Forestry, ODNR (Parks) District 3.

   c. ODNR Division of Waterways, Canal Operations.
7. Highway/Bridge Maintenance Responsibilities

Interstate highways and bridges are maintained by ODOT. State highways and bridges outside of city/village corporation limits are maintained by ODOT. The Summit County Engineer’s Department maintains all roads and bridges on the county highway system and some bridges inside cities and villages. Township, village, and city roads are maintained within their own respective jurisdiction.

8. The following electric companies serve Summit County (refer to Tab 1 – Summit County Electric Service):

a. Cuyahoga Falls Utilities Department
b. Hudson Municipal Electric
c. Ohio Edison – A First Energy Company

9. The following gas companies serve Summit County (refer to Tab 2 – Summit County Gas Service):

a. Cuyahoga Falls Utilities
b. Dominion East Ohio Gas Company
c. Hudson Utilities

10. The following water providers serve Summit County:

a. City of Akron Water Department
b. City of Barberton
c. City of Cuyahoga Falls
d. City of Hudson
e. City of North Canton
f. City of Tallmadge
g. Cleveland Water Department
h. Summit County Department of Sanitary Sewer Services (DSSS) (Water & Sewer)
i. Village of Lakemore
11. The following telephone companies serve Summit County with traditional landline service (refer to Tab 3 – Summit County Phone Service):

a. Alltel
b. Ameritech
c. Verizon

12. Summit County is provided wireless and Voice over Internet Protocol (VoIP) services throughout the county by multiple vendors.

13. Private contractors and businesses may provide additional support during emergencies for engineering, utilities and public works activities; see Summit County Resource Manual.

B. Assumptions

1. All engineering, utility and public works and wastewater agencies’ equipment and personnel would be available to cope with some anticipated disasters.

2. Without assistance, the engineering, utility, public works and wastewater agencies may not have sufficient resources to cope with a disaster.

3. Local private contractors may have enough resources to backup engineering, utility and public works recovery efforts in foreseen disaster situations.

4. Engineering, utility, public works and wastewater agencies may have completed a hazard analysis that has identified and described the likely types of energy and utility problems that will be created as a result of identified hazards (downed power lines, wastewater discharges, sewer line failures and ruptured underground storage tanks).

5. All companies providing utility services to Summit County should inform the (SCEMA) Director or their designee of any disruptions in supplies; whether caused by physical disruption and distribution systems, unexpected operational failure of such systems, or unusual economic or international political events.
III. CONCEPT OF OPERATIONS

A. Mitigation

1. Train public works and public utility personnel in emergency guides.

2. Develop laws that protect the integrity of gas, electric and water supplies.

3. Identify vulnerability in electric, gas, water, wastewater, maintenance and disposal systems and develop remedies.

4. Develop mutual-aid agreements with neighboring jurisdictions for engineering, sanitation and utility support.

5. Develop and update maps of city streets, water and sewer lines and utility service areas.

6. Prepare and assist the SCEMA in updating the Summit County Resource Manual, which identifies source, location, and availability of earthmoving equipment, dump trucks, road graders, fuels, etc. that could be used to support disaster response and recovery.

7. Participate in emergency exercises.

8. Work with planning commission to ensure that new constructions do not increase hazard threat.

9. Work with legislative bodies to improve building codes.

10. Develop county-wide storm water management plan.

B. Preparedness

1. Ensure that storm sewers are in good condition.

2. Ensure that debris removal equipment is in good condition and that barrier and roadblock materials are available.

3. Train staff to perform emergency functions.

4. Review and update all utility and public works maps of jurisdictions.

5. Maintain notification and recall rosters that include a communications system to implement call down for personnel assigned to response teams, dispatch points, and the Emergency Operations Center (EOC).
C. Response

1. Prioritize detection and repair of leaking gas lines.
2. Restore utilities to critical and essential facilities.
3. Provide Engineering, Utility and Public Works Coordinator to the EOC.
4. Maintain communications between EOC and engineering, utility, public works and wastewater personnel at site.
5. Coordinate with the health department for the provision of potable water.
6. Coordinate with water and sewer departments, the health department and EPA to ensure the integrity of water supplies and sewage systems from the effects of hazardous materials.
7. Provide sanitation services throughout the emergency.
8. Support emergency communications until telephone service is restored.
9. Inspect emergency facilities, public shelters, and reception centers before the public uses them after an earthquake.
10. Clear debris and open roads for traffic.
11. Determine the safety of evacuation routes, airports, airstrips and bridges in an earthquake environment.
12. Provide emergency repair of water and sewer systems.
13. Barricade damaged areas.
14. Contact private contractors for additional assistance, as necessary (coordinate contractual obligation with SCEMA). A list of qualified contractors offering recover/restoration services is maintained by the Summit County Department of Community and Economic Development.
15. Credentialing protocols of personnel having access to critical sites following an incident will be coordinated through the EOC.
16. Assist in search and rescue operations, as directed.
17. Monitor the status of, and damage to, any transportation system and infrastructure as a result of an incident.
D. Recovery

1. Support cleanup and recovery operations during disaster events.
2. Provide damage estimates as requested by the Summit County Emergency Management Damage Assessment Coordinator.
3. Support decontamination activities.
4. Coordinate utility repair with public and private providers and the Public Utilities Commission of Ohio (PUCO).
5. Drain flooded areas.
6. Inspect, designate and demolish hazardous structures.
7. Assist in coordinating restoration and recovery of transportation systems and infrastructure.

IV. ORGANIZATION AND ASSIGNMENT OF RESPONSIBILITIES

A. Organization

1. Summit County
   a. The Summit County Engineer may become the Engineering, Utilities and Public Works Supervisor in the EOC, and coordinate engineering, utilities, wastewater and public works functions in the event of a major emergency in the county.
   b. The SCEMA will maintain a list of engineering, utilities, public works and wastewater resources and contacts.
   c. In the event of a local or regional emergency, not county-wide in scope, mutual-aid in engineering and public works services may be requested/provided as available by parties to the SCEMA.

B. Assignment of Responsibilities of Response Agencies

1. Reduce impact of emergency through preparedness.
2. Provide damage assessment services.
3. Clean up and remove debris.
4.Coordinate essential public works supplies and equipment.
5. Assist in traffic control.

6. Coordinate water, power, fuel, etc. to authorized users.

C. Upon activation of the EOC: Engineering, utilities, public works, and wastewater coordinators may be requested report to the EOC. Coordinators will exchange information concerning their functional areas and will advise officials of field conditions. Response/recovery efforts within the functional areas will be based on priorities received from officials in charge and Standard Operating Guidelines (SOG).

D. Coordination of operations in a major emergency will be based on functional groupings as follows:

1. Engineering, Building Inspection, Physical Plants
2. Road, Bridge, Vehicle and Equipment Maintenance
3. Water Supply and Sewer Treatment Services
4. Major Utilities (Natural Gas, Electric, Telephone, Water Distribution and Sewer Maintenance)
5. Parks, Natural Resources and Waterways Services
6. Fuel Storage and Delivery Services
7. Solid Waste Collection and Disposal Services

E. Emergency operations responsibilities will be based on functional groupings as shown below. Responsibilities may vary slightly depending on the type and scope of emergency and the number of communities involved or affected.

1. Engineering, Building Inspection, Physical Plants

   a. Perform damage assessment operations.
   b. Provide engineering services and advice.
   c. Participate in emergency exercises.
   d. Provide maps.
   e. Inspect and designate hazardous structures.
   f. Supervise repair of damaged facilities.
g. Provide backup electric power to the EOC.

h. Determine the safety of emergency operations facilities, public shelters, reception and care centers, and evacuation routes in a post-earthquake environment or other emergency.

2. Road, Bridge, Vehicle and Equipment Maintenance
   a. Clear debris in an emergency.
   b. Assist in traffic control; place barricades.
   c. Repair roads, bridges, and culverts.
   d. Drain flooded areas.
   e. Repair vehicles and equipment, as needed.
   f. Provide equipment and operators, as available.
   g. Support cleanup and recovery operations during disaster events.

3. Water Supply and Sewer Treatment Services
   a. Perform damage assessment operations.
   b. Maintain and repair water systems.
   c. Coordinate alternative water sources.
   d. Maintain and repair storm and sanitary sewers.
   e. Protect the water supply and sewer systems from the effects of hazardous materials incidents.
   f. Assist in draining flooded areas.

4. Major Utilities (Natural Gas, Electric, Telephone)
   a. Perform damage assessment operations.
   b. Coordinate restoration of services, including priority for critical and essential services.
   c. Assist emergency services, as needed.
5. Parks, Natural Resources and Waterways Services
   a. Perform damage assessment operations.
   b. Provide appropriate maps.
   c. Assist in clearing debris in an emergency.
   d. Assist in draining flooded areas.

6. Fuel Storage and Delivery Services
   a. Due to limited capacity of governmental agencies to store fuel, private fuel suppliers may be needed to re-supply fuel during an emergency.
   b. If fuel supply locations of governmental agencies are inoperative or exhausted, temporary fueling locations will be required. The Public Works Coordinator will work with private fuel suppliers to establish temporary fueling locations if needed.
   c. If local private fuel suppliers are unable to deliver fuel, assistance will be requested through the EOC

7. Solid Waste Collection and Disposal Services
   a. Solid waste collection and disposal services will be performed by political subdivisions and by licensed private haulers, where established.
   b. Additional private haulers or governmental agencies outside the county may be asked to assist in providing solid waste disposal services during an emergency and in recovery operations.

8. Engineering, Utilities and Public Works Supervisors
   a. Coordinate engineering, utilities, public works, and wastewater activities.
   b. Train assigned response staff and volunteers to perform emergency functions.
   c. Develop and maintain resource lists.
   d. Develop and maintain SOGs for engineering and public works emergency response functions.
e. Participate in development and execution of emergency exercises.

f. Develop alternate transportation solutions when systems or infrastructure are damaged, unavailable or overwhelmed.

V. DIRECTION AND CONTROL

A. The Summit County Engineer or their designee may be requested relocate to the EOC during an emergency to advise decision makers and coordinate response efforts with engineering, utility, public works and wastewater agencies.

B. Internal resources of all operating departments will be managed by their respective policies and SOG’s.

C. Each responding organization will communicate with its own field forces, and in turn, will keep the EOC informed of appropriate information (casualties, damage assessments, evacuation status, radiation levels, chemical exposure, etc.) during emergency operations.

VI. CONTINUITY OF GOVERNMENT

A. The Summit County Engineer will designate the Engineering, Utilities and Public Works Supervisor:

1. Engineering: Chief Deputy Engineer or designee.

2. Wastewater: DSSS Director or designee.

B. Other engineering, utilities and public works departments that report to the EOC will draw up their own line of succession and include it as part of their SOGs.

VII. ADMINISTRATION AND LOGISTICS

A. Administration

1. Additional equipment or services needed to address the emergency by county/municipal responders will be requested through the Engineering, Utility and Public Works Supervisor in the EOC.

2. If the EOC is not activated, requests will be made to the SCEMA.

3. The Summit County Emergency Resource Guide lists equipment and services in the county. The Engineering, Utility and Public Works Supervisor will assist organizations in the cooperative use of equipment and personnel.
4. Areas needing assistance in utility restoration, debris removal, flood drainage, sanitation, and related areas will be plotted on maps in the EOC and prioritized for response. This will include natural and cultural resources and historic properties needing response.

5. Requests for assistance or mutual-aid from agencies outside Summit County will be made through the Engineering, Utilities and Public Works Supervisor in the activated EOC, or through the SCEMA, if the EOC is not activated.

6. Engineering, utility and public works responders may be requested to provide information for the After Action Report by the SCEMA.

B. Logistics

1. Responders will coordinate with each other for the placement of work crews, supply lines, staging areas and Incident Command Posts.

2. All responding organizations will provide regular reports to the EOC Coordinator on their location, activities, and status in the field.

3. Logistical support for the dispatch points for food, water, emergency power, fuel and lighting will be provided internally by the organizations. Support will be coordinated by the EOC when internal sources are exhausted.

VIII. PLAN DEVELOPMENT AND MAINTENANCE

A. The Summit County Engineer, in conjunction with the SCEMA is responsible for updating this Annex based on deficiencies identified through drills and exercises and changes in governmental structure and emergency organizations.

B. The Summit County Engineer, in cooperation with the SCEMA will prepare, coordinate, publish and distribute necessary changes and revisions to this Annex.

C. The SCEMA will coordinate with engineering, utility and public works agencies in for the development of SOGs, clarifying their assigned responsibilities in emergencies.

IX. AUTHORITIES AND REFERENCES

A. Authorities

Not used, see Section IX. A. of the Summit County Basic Plan.

B. References

Not used, see Section IX. B. of the Summit County Basic Plan.
X. ADDENDUMS

Tab 1 – Summit County Electric Service

Tab 2 – Summit County Gas Service

Tab 3 – Summit County Telephone Service