

PUEBLO COUNTY EMERGENCY OPERATIONS PLAN

ANNEX F - HAZARDOUS MATERIALS

I. PURPOSE

This annex provides for a coordinated emergency response by local government and industry to minimize the adverse effects on the population and environment resulting from an uncontrolled release of, or exposure to, a hazardous material. It is not the intent of this annex to define Standard Operating Procedures or Guidelines (SOP/SOG) for any particular agency, but to provide a framework for operations in the event of mutual aid between agencies.

II. SITUATIONS AND ASSUMPTIONS

A. Situation

1. Hazardous materials pose a potential threat to a community at both fixed facilities and during transport. When an accidental, uncontrolled release of hazardous materials occurs, local, state, and federal response agencies must be prepared to respond in a well-coordinated manner to protect the public, the natural resources, and to minimize property damage within the community.
2. Numerous industries and businesses use chemicals that pose a threat to their own private property and employees. Corporations routinely provide Material Safety Data Sheets (MSDS) to the supporting fire departments that are responsible for training of the firefighters who would encounter these chemicals when fighting fires on private property.
3. EPA has identified over 400 extremely hazardous substances subject to the requirements for Title III. This will greatly expand the preparation and use of the MSDS information, especially for emergency response operations.

B. Assumptions

1. Facilities subject to reporting under the Emergency Planning and Community Right-to-Know Act of 1986 will provide MSDS or a list of

chemicals to the appropriate fire department, the Local Emergency Planning Committee (LEPC) and the Colorado Emergency Planning Commission (CEPC).

2. MSDS or a list of chemicals will be kept current with contact names and telephone numbers at the appropriate fire departments, the LEPC and the CEPC.
3. Facilities involved in the manufacture, use, storage and transport of hazardous materials will cooperate with local governments in preparing for response to hazardous materials incidents.
4. The Pueblo City Police and Pueblo County Sheriff Communications Centers will receive information on a release or spill of a hazardous substance. The communication center will notify the appropriate response agencies.
5. Emergency response personnel will be trained in hazardous materials control and vehicles will be equipped with reference material guidebooks.
6. Emergency response personnel will be train in the National Incident Management System (NIMS) and each incident will be conducted under this system.
7. Local hazardous materials response teams and other support agencies will respond with technical expertise and resources upon request by mutual aid.

III. CONCEPT OF OPERATIONS

- A. It is essential that the communication centers obtain all pertinent information regarding the incident to assist responding agencies.
- B. If mutual aid initiated, the Incident Commander will remain with the Designated Emergency Response Authority (DERA) in whose jurisdiction the incident occurs. In the event that multiple jurisdictions are affected, a unified command structure will be established.
- C. Operations of any hazardous substance incident will be handled in conjunction with established SOP/SOG of the department involved.

- D. The Incident Commander may order an evacuation if necessary to save lives and property. The Department of Emergency Management should be consulted so that any necessary emergency shelter and other support can be arranged.
- E. If the hazardous materials incident is of such magnitude to have a significant impact upon the community or affects more than one jurisdiction, the Pueblo County Emergency Operations Center (EOC) may be activated in support of the Incident Commander through response and recovery efforts.
- F. Informing the public will be the responsibility of the Incident Commander. The Public Information, Annex J, establishes this function.
- G. Supervision of clean up and removal of the hazardous materials involved in an incident will be accomplished under the direction of the DERA. The arrangements, agreements, and resources required for containment and cleanup of a hazardous materials release or spill will be established by hazmat response agencies, the owner of the material/substance and/or the transportation organization.
- H. If a hazardous materials incident or release occurs on private property, the owner or operator thereof may undertake the emergency response. If the owner or operator does not undertake such emergency response, or if in the judgment of the DERA there exists an imminent danger to the public health and safety beyond such property, the DERA shall initiate an appropriate emergency response, including necessary actions on said private property.
- I. Any facility that produces, uses, or stores any of the extremely hazardous substances listed by EPA in a quantity greater than its threshold planning quantity is subject to the emergency planning and community right-to-know provisions of SARA Title III.

IV. ORGANIZATION AND RESPONSIBILITIES

A. Organization

1. The Pueblo Hazardous Materials Committee is comprised of local fire departments / districts, law enforcement agencies, health department, emergency management, and private industry / businesses. Its mission is to provide oversight and support for the Pueblo County Hazardous Materials Team.

2. The Reciprocal Hazardous Materials Incident Assistance Agreement was entered into July 23, 1984 between the Pueblo County Sheriff, Pueblo West Fire District, Pueblo County Rural Fire District, Rye Fire Protection District, West Park Fire District, Beulah Fire Department, Boone Fire Department, City of Pueblo, Pueblo County Civil Defense Agency (now known as Department of Emergency Management), and Colorado State Patrol.
3. The Pueblo County Hazardous Materials Initial Response Areas Map (see Appendix 2) defines the initial response areas for hazardous materials responders. These departments/districts, per mutual aid agreement, shall provide the initial response to a hazardous material incident until the proper designated response authority arrives, except for the Army, which is not a party to the mutual aid agreement.

B. Responsibilities

1. **Designated Emergency Response Authorities (DERA)** shall provide emergency response to an incident in its jurisdiction. The DERA may function as or designate the Incident Commander on scene. See Authorities and References for DERA's of Pueblo.
2. **Pueblo County Department of Emergency Management (DEM)** shall:
 - a) As the DERA for the unincorporated areas of Pueblo County, excluding the right-of-ways of public roads (federal, state, and local), and Fort Carson and the Pueblo Chemical Depot, may function as or designate the incident commander for such areas.
 - b) Be responsible for all billings and documentation of hazardous materials incidents where they are the DERA.
3. **Pueblo City Fire Department** shall:
 - a) As the DERA for the incorporated City of Pueblo, function as the incident commander at the scene of a hazardous materials incident within the incorporated area of the city;
 - b) Be responsible for all billing and documentation of hazardous materials incidents occurring in the incorporated areas of the City of Pueblo; and

- c) Houses, maintains and staffs a Hazardous Materials unit. Upon request, the City Fire Department will dispatch the hazardous materials unit, personnel and other equipment as needed.
4. **Boone Volunteer Fire Department** shall:
 - a) As the DERA for the town of Boone, function as the incident commander for their area; and
 - b) Be responsible for all billings and documentation of hazardous materials incidents where they are the DERA.
 5. **Rye Fire Protection District** shall:
 - a) As the DERA for the town of Rye, function as the incident commander for their area; and
 - b) Be responsible for all billings and documentation of hazardous materials incidents where they are the DERA.
 6. **County Fire Departments/Districts** shall provide the initial response to a hazardous material incident for mitigation, containment, etc. as necessary in their areas.
 7. **Colorado State Patrol** shall:
 - a) As the DERA for all federal, state, and county roadways and the right-of-ways in unincorporated Pueblo County, the Patrol functions as the Incident Commander at the scene of a hazardous materials incident occurring within their jurisdiction;
 - b) Be responsible for all billing and documentation of hazardous materials incidents in these areas; and
 - c) The Patrol maintains and staffs a two (2) person hazardous materials response vehicle in the Pueblo area and upon request, per mutual aid, will dispatch trained hazardous materials technicians and equipment to the scene of a hazardous materials incident occurring within Pueblo County outside of their jurisdiction.
 8. **Law Enforcement** shall have responsibility for crowd control, traffic control, scene security, and shall coordinate and control evacuation activities.

9. **City and County Public Works Departments and Metropolitan Districts** shall assist in necessary road closures, detours, providing heavy equipment and material for clearing or moving debris, building dikes, etc.
10. **Water and Sewer Departments** shall be responsible for providing remedial actions when a material may affect water sources and distribution systems. They may also assist in product analysis.
11. **Colorado Irrigation Division Engineer** shall:
 - a) Provide information on current flow rates and velocity of surface and ground water; and
 - b) Inform affected water users of conditions during an incident.
12. **City/County Health Department** shall:
 - a) Provide assistance and information regarding environmental and health aspects and population protection;
 - b) Assist the DERA in overseeing emergency containment;
 - c) Oversee cleanup operations of an incident; and
 - d) Coordinate with State Health Department officials.
13. **City Transportation Department** may dispatch buses within the city, if required, to transport evacuees from designated danger areas to appropriate holding areas or shelter facilities in accordance with instructions.
14. **American Red Cross** shall be responsible for providing shelters and mass care facilities for evacuees upon request.
15. **Electric and gas companies** shall assist the incident commander for accidents involving gas and power lines.

16. Active Support Agencies

- a) **Transportation Technology Center, Inc. (TTCI)** may provide various equipment, resource material and manpower, if available, upon request.
 - b) **Pueblo Chemical Depot (PCD) may:**
 - (1) Provide various equipment and manpower support, if available, upon request to duty officer; and
 - (2) With the Service Response Force, will be the lead response and recovery agency in the event of a chemical weapons accident/incident at the Depot.
 - c) **CHEMTREC - Chemical Transportation Emergency Center - 1-800-424-9300** provides information and/or assistance to those involved in or responding to chemical or hazardous material emergencies.
 - d) **Colorado National Guard** – through it's Civil Support Agency provide technical and manpower assistance to local agencies involved in hazardous materials response, or an incident involving Weapons of Mass Destruction.
- C. Colorado Statutes require that any person or business possessing a quantity of a hazardous substance in equal or greater quantities as specified in Article 22, Title 29, Section 107, CRS, shall provide, upon request of the DERA, department of health, or local fire department, a listing of the maximum quantity of each hazard type reasonably anticipated to be on hand at any time to the Colorado Department of Public Health and Environment.
- D. In addition to the above requirement, Title III of the Superfund Amendments and Reauthorization Act of 1986 requires that any facility that produces, uses, or stores any of the extremely hazardous substances listed by EPA fulfill the emergency planning and community right-to-know provisions of that act. Owner or operator of a facility must notify the local emergency planning committee and the State emergency response commission if there is a release of a listed hazardous substance that exceeds the reportable quantity for that substance.

V. ADMINISTRATION AND LOGISTICS

Each public entity, political subdivision of the state, or unit of local government has the right and responsibility to claim full reimbursement from the parties or persons responsible for a hazardous substance incident for the reasonable and documented costs resulting from action taken to contain, remove, or otherwise mitigate the effects of such incident. When the action to remove, contain, or otherwise mitigate the effects of such an incident also involves extinguishing a fire, the claim may only include the extraordinary expenses related to the hazardous substance and not any expense related to extinguishing the fire (29-22-104). It is important therefore, to ensure that all incidents are properly documented by the Hazardous Materials Incident report, incident action plan and other records of the event.

VI. ANNEX DEVELOPMENT AND MAINTENANCE

The primary responsibility for development and maintenance of this annex is that of the Pueblo County DEM, with support from the Hazardous Materials Committee and the Local Emergency Planning Committee. The annex will be reviewed annually unless significant changes warrant an earlier change.

VII. AUTHORITIES AND REFERENCES

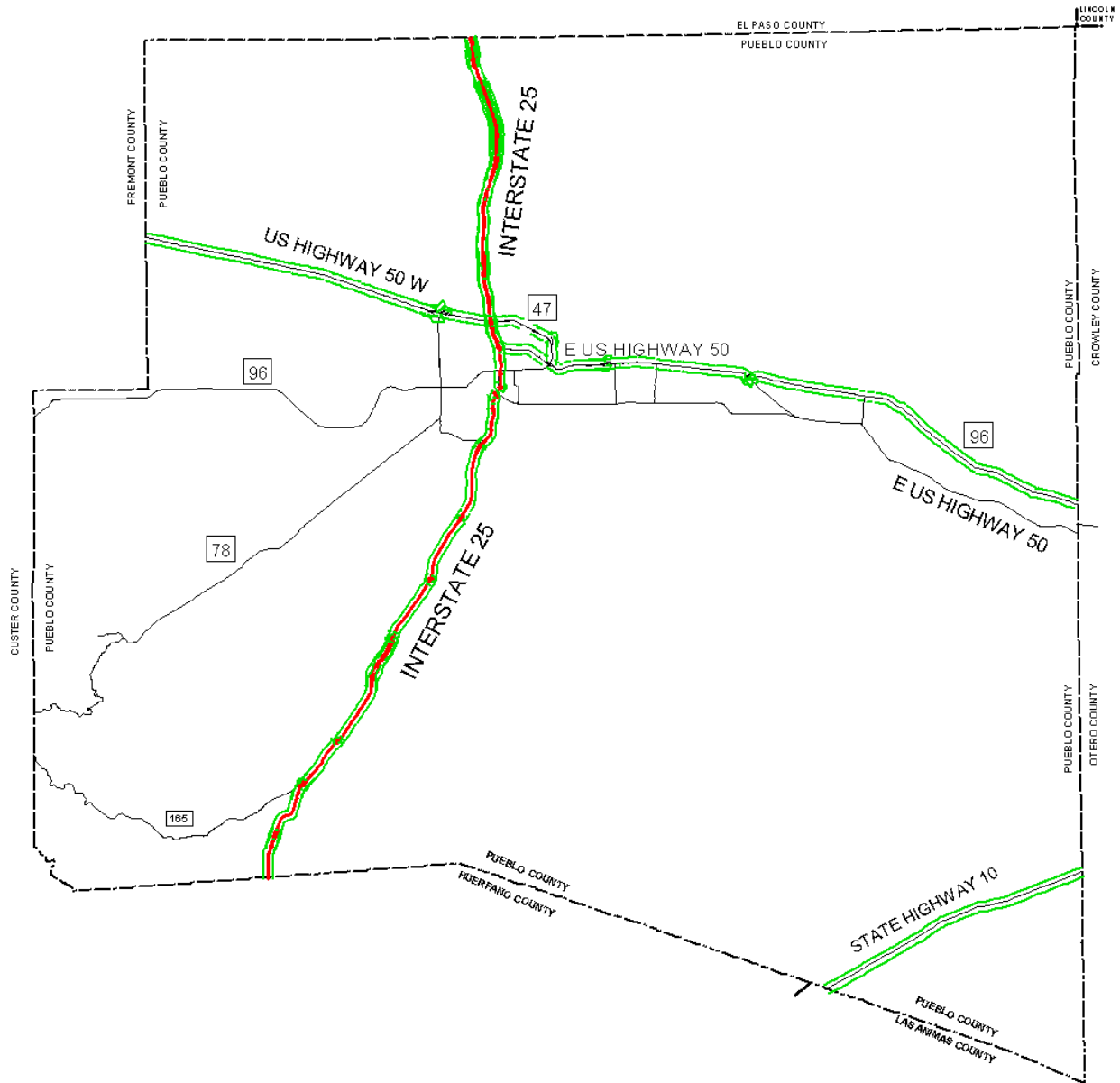
- A. Title 29, Article 22 of the Colorado Revised Statutes (CRS) (also known as Senate Bill 172) Hazardous Substance Incidents, assigns responsibility to local governments for response to hazardous materials incidents.
 - 1. Article 22 requires the governing body of every city and county to have a Designated Emergency Response Authority (DERA) for hazardous substance incidents occurring within the corporate limits of such town, city, and county.
 - a) Unincorporated areas of Pueblo County DERA, excluding public roadways - Pueblo County Department of Emergency Management. County Resolution No. 83-214.
 - b) Incorporated City of Pueblo DERA - Pueblo Fire Department. City Resolution No. 5423 and City Resolution No. 5209.
 - c) Boone DERA - Boone Fire Department. Resolution No. 105.
 - d) Rye DERA - Rye Fire Protection District. Resolution No. 86-1.

- e) Fort Carson and Pueblo Chemical Depot DERA - Department of the Army.
 - 2. For a hazardous substance incident occurring within the right-of-way of any federal, state, or county highway located outside of municipal city limits, the Colorado State Patrol (CSP) is the Designated Emergency Response Authority (DERA) as designated by Article 22. It also provides that the Colorado State Patrol may further delegate such authority to a local Designated Emergency Response Authority with the approval of the Board of County Commissioners. The CSP retains authority over traffic. Article 22 also contains authority for organizing instate-level emergency response capability and encourages the use of mutual aid agreements to enhance hazardous substance incident response capabilities.
 - 3. For a hazardous substance incident occurring on Fort Carson or the Pueblo Chemical Depot, the Department of the Army is the DERA.
- B. Title 43, Article 6, CRS as amended 1987, (also known as Senate Bill 156), Transportation of Hazardous Materials by Motor Vehicle, concerns the permitting and routing of hazardous materials transported by motor vehicle. This statute:
- 1. Defines hazardous materials and authorizes the chief of the Colorado State Patrol to promulgate rules and regulations for the administration of this act, identifies the persons authorized to enforce the provisions of this act and allows those persons to issue civil penalty assessments for violations of the act, and in lieu thereof, warning citations. It provides that the fixed-site use of hazardous materials is not affected by this act, authorizes local governments to adopt regulations and ordinances, which are no more stringent than state law or regulations, and creates a hazardous materials safety fund in the state treasury.
 - 2. Establishes a permit for the transportation of hazardous materials, exempts farm machinery from the requirements of the permit system, and establishes a fee schedule for the permits based on the number of vehicles operated.
 - 3. Authorizes the Colorado State Patrol to designate routes for persons transporting hazardous materials and allows local governments to petition the state patrol for changes in such designations and establishes

penalties for deviations from authorized routes and establishes civil and criminal penalties for violations of this act. See Appendix 1 for Hazardous and Nuclear designated routes.

4. The Department of Revenue, the Department of Regulatory Agencies, and the Department of Public Safety have specific roles in the implementation of this act.
- C. Reciprocal Hazardous Materials Incident Assistance Agreement entered into July 23, 1984 between Pueblo County Sheriff, Pueblo West Metropolitan District, Pueblo County Rural Fire District, Rye Fire District, West Park Fire District, Beulah Fire Department, Boone Fire Department, City of Pueblo, Pueblo County Civil Defense Agency (now known as the Department of Emergency Management), and the Colorado State Patrol.
 - D. Title III, Emergency Planning and Community Right-to-Know, of the Superfund Amendments and Reauthorization Act of 1986 (SARA), U.S. Public Law 99-499 requires several actions by state and local governments as well as industries and other facilities that use, process, or store one or more specified extremely dangerous chemicals.

HAZARDOUS AND NUCLEAR MATERIALS ROUTE RESTRICTIONS MAP







Map produced by the Pueblo County GIS Center in coordination with Pueblo County Department of Emergency Management.

Data Sources: VRS 7.5' and 1:50000 series; Aerial Photography, NAD83 GRS Control (10/91); Census TRSR95
 Date: 01/24/2001
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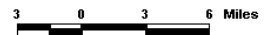
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MAP KEY

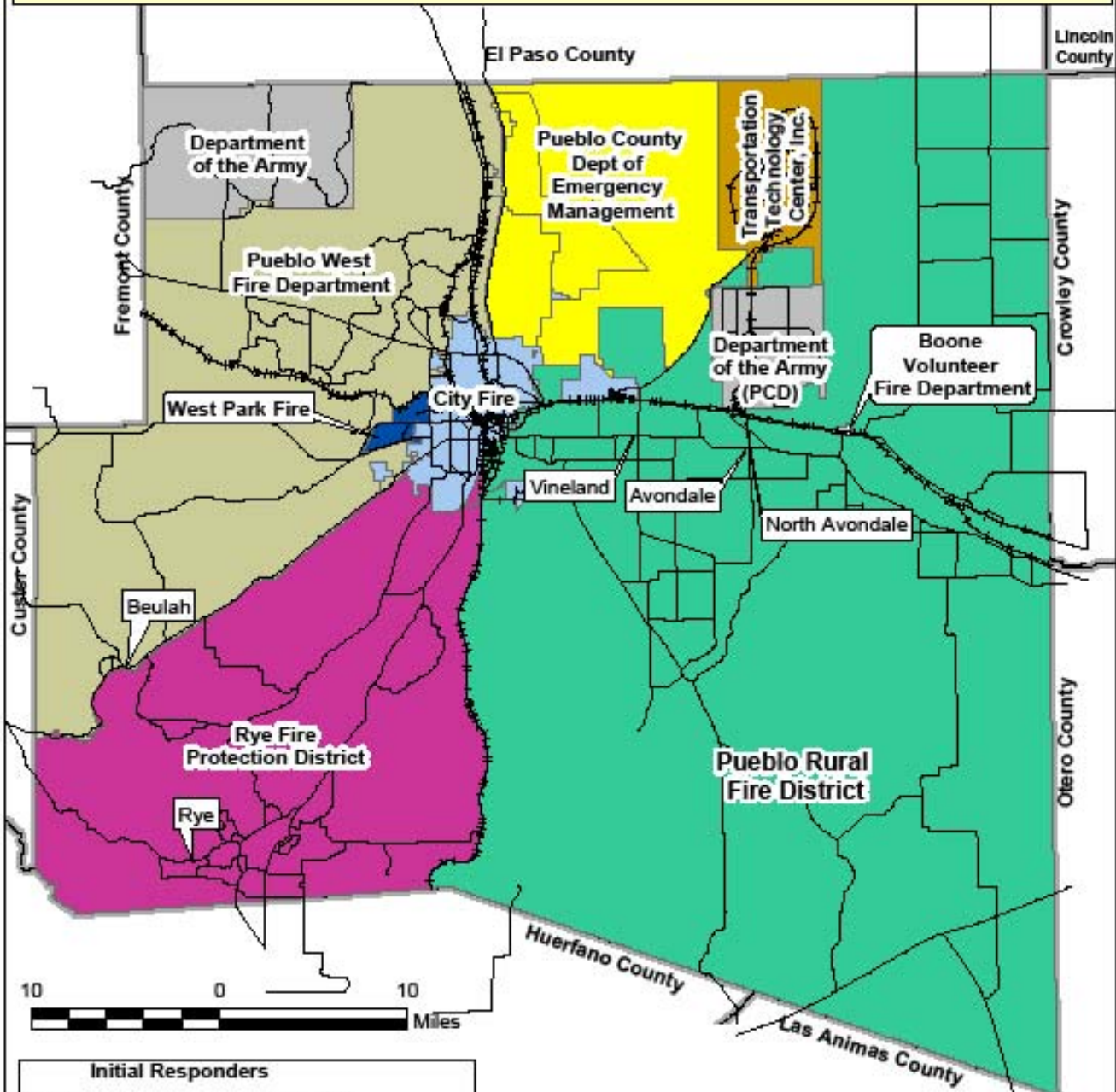
-  NUCLEAR MATERIALS DESIGNATED ROUTE
-  HAZARDOUS MATERIAL DESIGNATED ROUTE
-  County Boundary
-  Major Roads

1 inch = 500,000 inches



Motor vehicles transporting gasoline, liquefied petroleum gas, and diesel fuel are required to remain on the hazardous materials route as indicated by this map.

PUEBLO COUNTY HAZARDOUS MATERIALS INITIAL RESPONSE AREAS



- Initial Responders**
- Boone Volunteer Fire Department
 - Department of the Army
 - Pueblo City Fire
 - Pueblo County Dept of Emergency Management
 - Pueblo Rural Fire District
 - Pueblo West Fire Department
 - Rye Fire Protection District
 - Transportation Technology Center Inc.
 - West Park Fire
 - Colorado State Patrol (on rights of way of all public roadways outside the City of Pueblo, Town of Rye & Town of Boone)

FOR HAZMAT:

Page Hazmat "all call" with the following information:

1. Location
 - A. Hazmat Response Area.
 - B. Address Location
2. Problem
 - A. Short description of problem.

