

CENTRAL CITY HAZMAT SCENARIO

Unit 2: ICS Fundamentals Review

Student Version

Objective:

To apply key Unified Command principles.

Instructions:

Ask the students to work in groups to complete the following activity:

1. Review the following:
 - Scenario
 - Scenario Update
 - Current Resources
 - Scenario map
2. Complete the following steps:
 - a. Who has a stake in the incident?
 - b. Who are the assisting and cooperating agencies?
 - c. Is this a Single or Unified Command managed incident?
 - d. If Single Command, who is the Incident Commander and why?
 - e. If Unified Command, who are the members and why?
3. Draw an Organization Chart for your Incident Command or Unified Command.
4. Identify challenges and safety issues.
5. Record your results on chart paper that can be seen by the entire class.
6. Select a spokesperson and be prepared to present in 30 minutes.
7. Emphasize that the spokesperson should be able to explain the rationale for the group's decisions.

Scenario:

On August 4, at 0835, 10 cars of a southbound freight train derailed on the outskirts of Central City. Beginning with the car immediately behind the engine, the cargo includes:

- Cars 1-4: Newsprint
- Car 5: Molten sulfur
- Car 6: White phosphorus
- Car 7: Tallow
- Cars 8-10: Empty car carriers

The derailment occurred on a Great Atlantic and Pacific Railroad bridge over Roaring River near a residential area. Cars 5 through 7 are extensively damaged and on fire. The primary concern is the phosphorus car. Phosphorus self-ignites in the presence of oxygen and is water reactive. Phosphorus fires can be controlled by excluding oxygen with water or foam, and/or reducing the temperature below the level required for self-ignition.

Scenario Update:

The Incident Commander briefed the Emergency Manager on the potential need for major evacuation, and suggested they open the Emergency Operations Center (EOC) per the Emergency Operations Plan. The EOC has contacted a school bus service for buses and the American Red Cross to open shelter for evacuees. A Staging Area was established at Central City Junior High—AA and 19th Street.

The EOC has briefed the Central City mayor and police chief. The police chief is concerned about the location of the ICP. In conjunction with the Incident Commander, it was determined that a full Command and General Staff is required by the next Operational Period.

The Incident Commander has requested that a Police Duty Officer respond to the ICP to participate in the Unified Command.

Current Resources:**Law Enforcement:**

Central City Police Department

Assistant Chief "CC 2"
 PIO "CC 5"
 Watch Commander Lieutenant "CL 20"
 Watch Commander Sergeant "CL 240"
 Traffic 10 Supervisor "CCT 10"
 Patrol with one officer "CC 241"
 Patrol with one officer "CC 242"
 Patrol with one officer "CC 243"
 Motor Unit with one officer "CM 241"
 Motor Unit with one officer "CM 242"
 Parking 1 with one officer "CP 1"
 Parking 2 with one officer "CP 2"
 Type I Helicopter "SP Air 1"

Columbia State Police

Fire Department:

Central City Fire Department

Operations Chief "Chief 2"
 Medical Services Officer "Safety 32"
 District Chief 1 "DC 1"
 Battalion Chief 8 "BC 8"
 Type I Engine 1 with 5 personnel "E1"
 HazMat 1 with 5 personnel "HazMat 1"
 Decon Squad with 2 personnel "Squad 1"
 RIT Squad with 3 personnel "RIT 1"
 Reserve Foam with 1 personnel "RF4"
 Type I Engine 6 with 5 personnel "E6"
 Type I Engine 7 with 5 personnel "E7"
 Type I Engine 8 with 5 personnel "E8"
 Air Unit with 1 personnel "Air 6"

Emergency Medical Services:

Central City EMS

EMS Supervisor "EMS 100"
 ALS Type I with 2 Paramedic "M 1"
 ALS Type II with 2 Paramedic "M 7"
 BLS Type IV with 2 EMTs "A 6"
 BLS Type IV with 2 EMTs "A 8"
 MCI Type I (100 pts.) with 1 EMT "MCSV 1"

Emergency Management:

EM Director

Public Information Officer

Central City Coordinator

Liberty County Public Health:

Environmental Health

Mary Smith "EM1"

Beth Price "EM 2"

John Walls "EM5"

Registered Environmental Health Specialist

Great Atlantic and Pacific Railroad:

RR Transport Safety Specialist

Map:

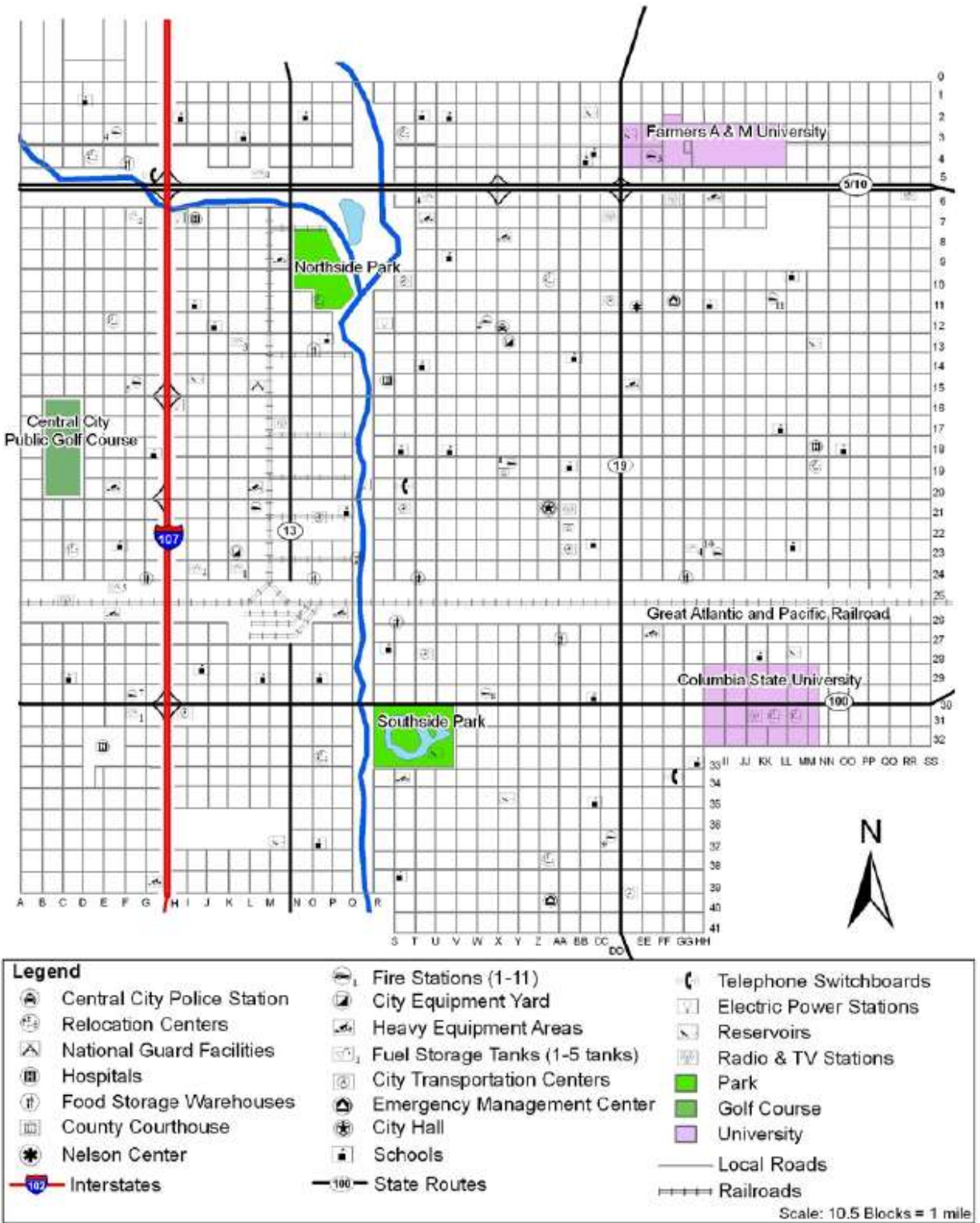


Figure Z.6. Central City Map

