

Geospatial support for disasters - the Ohio Incident Management Team and the International Charter

2011 Northern Midwest Public Safety GIS
Workshop
October 14, 2011
Glenview, IL

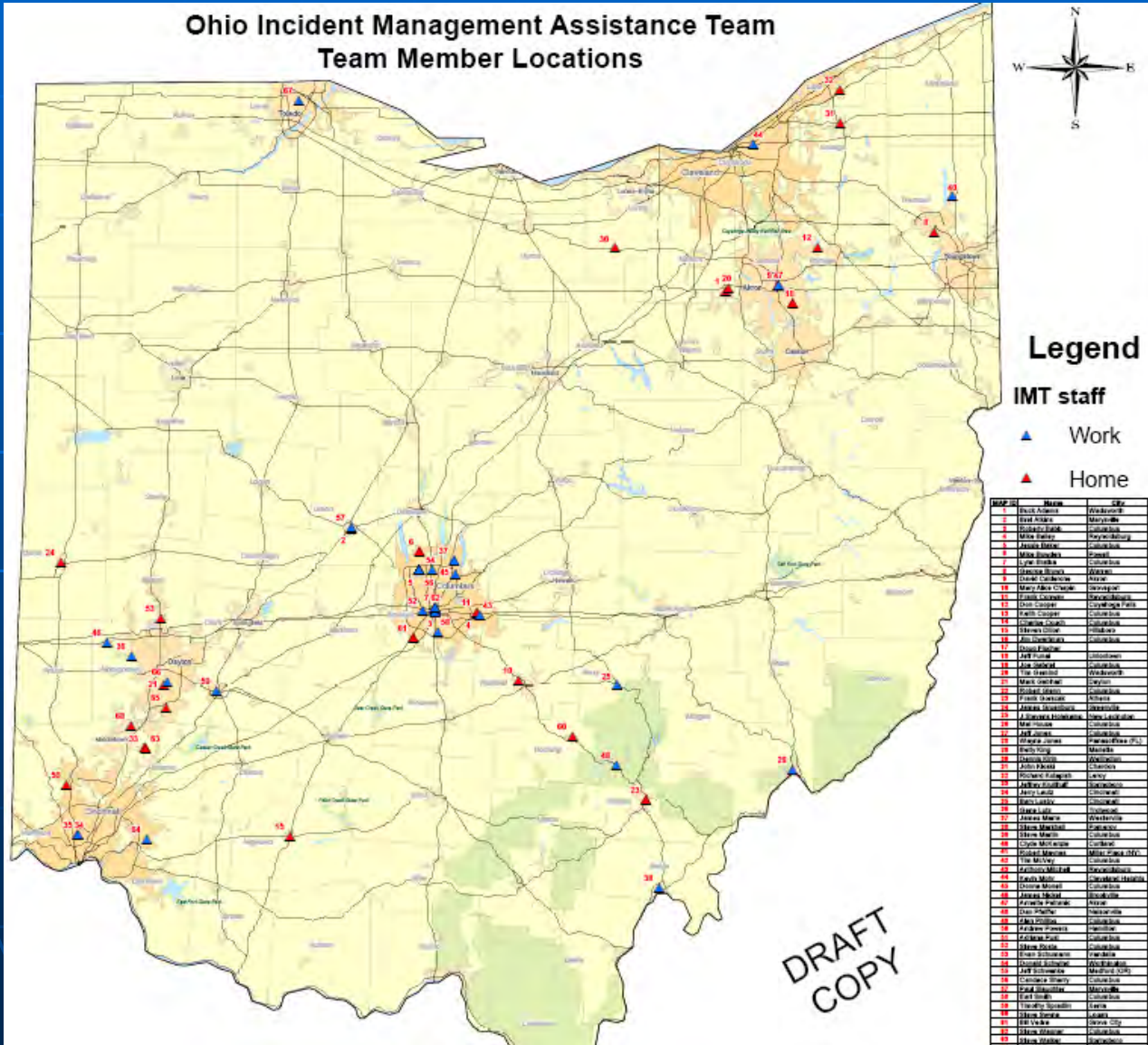
Richard Kotapish, GISP
GIS Director, Lake County
Ohio All-hazards IMT
International Charter
GISCorps

Overview

- Lake County Geospatial Emergency Management
- Regional COP website
- Public ESZ Status Notification
- Regional USNG map books
- Ohio All Hazards Incident Management Team
- International Charter
- GISCorps and Crisis Mappers.net partnering

Ohio All Hazards IMT

Ohio Incident Management Assistance Team Team Member Locations



Legend

- IMT staff
- ▲ Work
 - ▲ Home

IMT #	Name	City
1	David Adams	Wickliffe
2	David Adams	Marionville
3	Robert Bahr	Columbus
4	Mike Bahr	Dayton
5	James Baker	Columbus
6	Mike Binkley	Columbus
7	John Binkley	Columbus
8	James Blanton	Wadsworth
9	David Bobbitt	Wadsworth
10	Mark A. Calkins	Wadsworth
11	Frank Calvert	Columbus
12	David Campbell	Columbus
13	Keith Casper	Columbus
14	William Cash	Columbus
15	Thomas Chase	Wadsworth
16	Jim Chittenden	Columbus
17	James Clark	Columbus
18	Jeff Clark	Columbus
19	John Clark	Columbus
20	Tim Clavin	Wadsworth
21	Mark Coakley	Columbus
22	Richard Coakley	Columbus
23	Frank Coakley	Columbus
24	James Coakley	Columbus
25	Mark Coakley	Columbus
26	Jeff Coakley	Columbus
27	John Coakley	Columbus
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50	John Coakley	Columbus

DRAFT COPY

Ohio All Hazards IMT

Deployments

New Orleans, LA - Hurricane Katrina

Findley, Ohio - Flood

Ottawa, Ohio - Flood

Painesville, Ohio - CSX Train Derailment

Suffolk County, NY – Hurricane Irene,
Superstorm Sandy

Windham, NY – Hurricane Irene

Ohio All Hazards IMT

Ottawa, Ohio - Flood

Before

After



OTTAWA FLOOD 07



Incident Action Plan

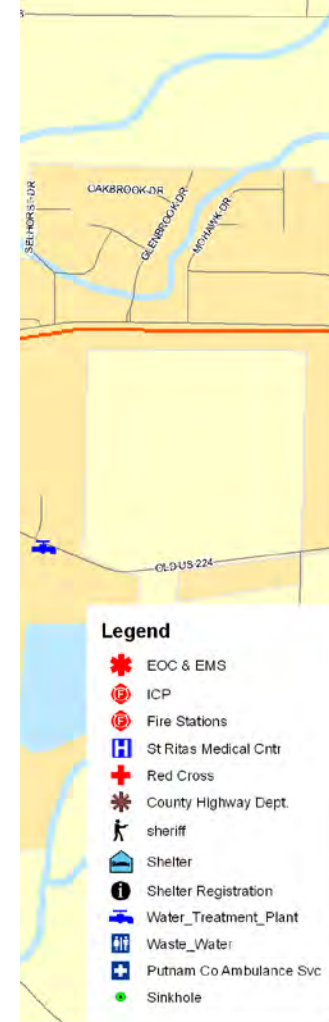
August 26, 2000 Hrs. - August 27, 0800 Hrs.

Chief Ron Brinkman, Incident Commander



OTTAWA FLOOD

07 24:00



OPERATIONAL PLANNING WORK SHEET

1. INCIDENT NAME
Ottawa Flood

2. DATE PREPARED
8/27
TIME PREPARED
0145

3. OPERATIONAL PERIOD (DATE/TIME)
8/27/07 0800-2000

4. OPERATIONAL GROUP OR OTHER LOCATION	5. WORK ASSIGNMENTS	6. RESOURCES BY TYPE (SHOW STRIKE TEAM AS ST)						7. REPORTING LOCATION	8. REQUESTED ARRIVAL TIME
		RESOURCE TYPE	Eng. NC		HM/Rescue TF				
Emergency	Service Calls, Investigations, Alarms, and Extra at all points	REQ	5				E-1, E-6, E-93 + Ottawa - Springfield - Montclair	Ottawa Station 100 Ottawa Station 101 Ottawa Station 102	0800 0830 0830
		HAVE	2						
		NEED	3						
Hear-Alert	Hear-Alert calls for Service and for so requested by Ottawa O.S.C. through 1200	REQ			1			Ottawa Station 100	0800
		HAVE			1				
		NEED			0				
		REQ							
		HAVE							
		NEED							
		REQ							
		HAVE							
		NEED							
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		HAVE							
		NEED							
		REQ							
		HAVE							
		NEED							
		REQ							
		HAVE							
		NEED							
		TOTAL RESOURCES REQUIRED	5		1				
		TOTAL RESOURCES ON HAND	2		1				
		TOTAL RESOURCES NEEDED	3 Ordered - Expected ETA 0600		0				

[A small document or checklist is attached to the bottom right of the sheet, partially obscured by a blue tab.]

10. PREPARED BY (NAME AND POSITION)
J. Funai
RLL

ICS 215 IWS (8-86)
NFES 1374



STATIC WATER SOURCE

EASTLAND

AGNER

PLEASANT

OLD US 224

0 125 250 500 Feet



Ohio All Hazards IMT

Ottawa, Ohio - Flood



Ohio All Hazards IMT

Ottawa, Ohio - Flood



Ohio All Hazards IMT

Ottawa, Ohio - Flood



Ohio All Hazards IMT

Painesville, Ohio – CSX Train Derailment



Ohio All Hazards IMT

Painesville, Ohio – CSX Train Derailment

The screenshot displays the Lake Navigator web application interface. The browser address bar shows the URL <http://www.lakegis.org/lakenavigator/viewer.htm>. The application title is "Lake Navigator". The left sidebar contains a "LAYERS" panel with various map layers, including "Transportation", "Geodetic Control", "Cadastral", "Parcels", "Utilities", "Governmental", "Environmental", "Emergency Oper.", "Structures", and "Aerial Photography". The "Parcels" layer is expanded, showing "Parcel Labels", "Old Parcel Lines", "Tracts", "Subdivisions", "Sublot Numbers", and "Lot Dimensions". The "Emergency Oper." layer is checked, and the "Train Derailment Location" is visible on the map. The map shows a red shaded area representing the evacuation zone and a yellow circle representing the CSX train derailment location. The map includes labels for "Grand River Fairport Harbor", "Painesville City", "Mentor", "Painesville Twp.", and "Concord". The bottom of the application shows a "ZOOM IN" button, "SCANNED DOCUMENT VIEWERS PLATS TAX MAPS", and a scale of "Zoom to Scale - 1 inch = 4912 ft.". A "Refresh Map" button and "Auto Refresh" checkbox are also present.

EVACUATION ZONE, DETOURS, HOT ZONE, DERAILMENT LOCATION ON WEB

Incident Action Plan Map

CSX TRAIN DERAILMENT



MOBILIZATION SITE
MENTOR CITY STATION 5

ATLAS CINEMA STAGING AREA

HOME DEPOT STAGING AREA

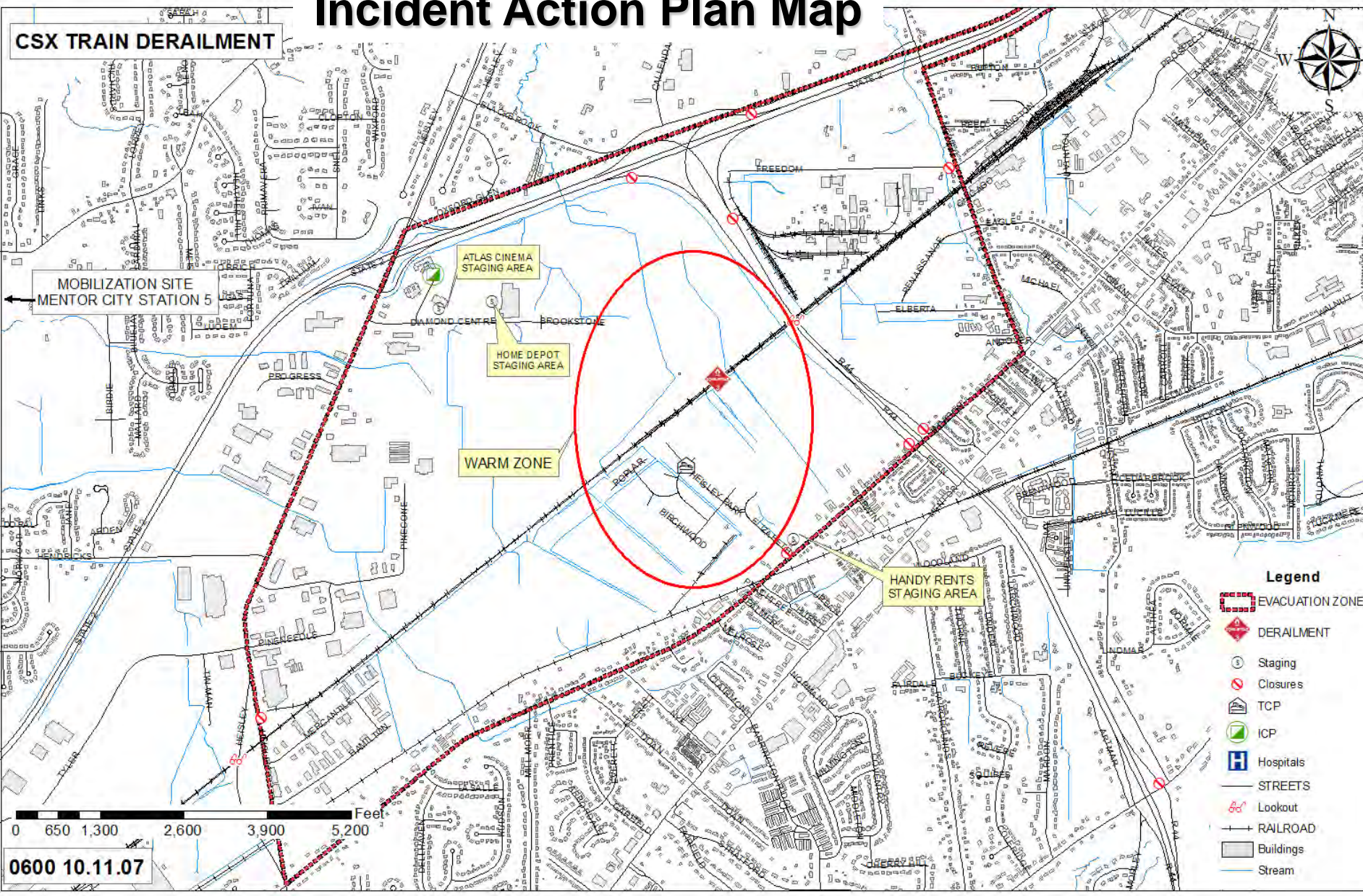
WARM ZONE

HANDY RENTS STAGING AREA

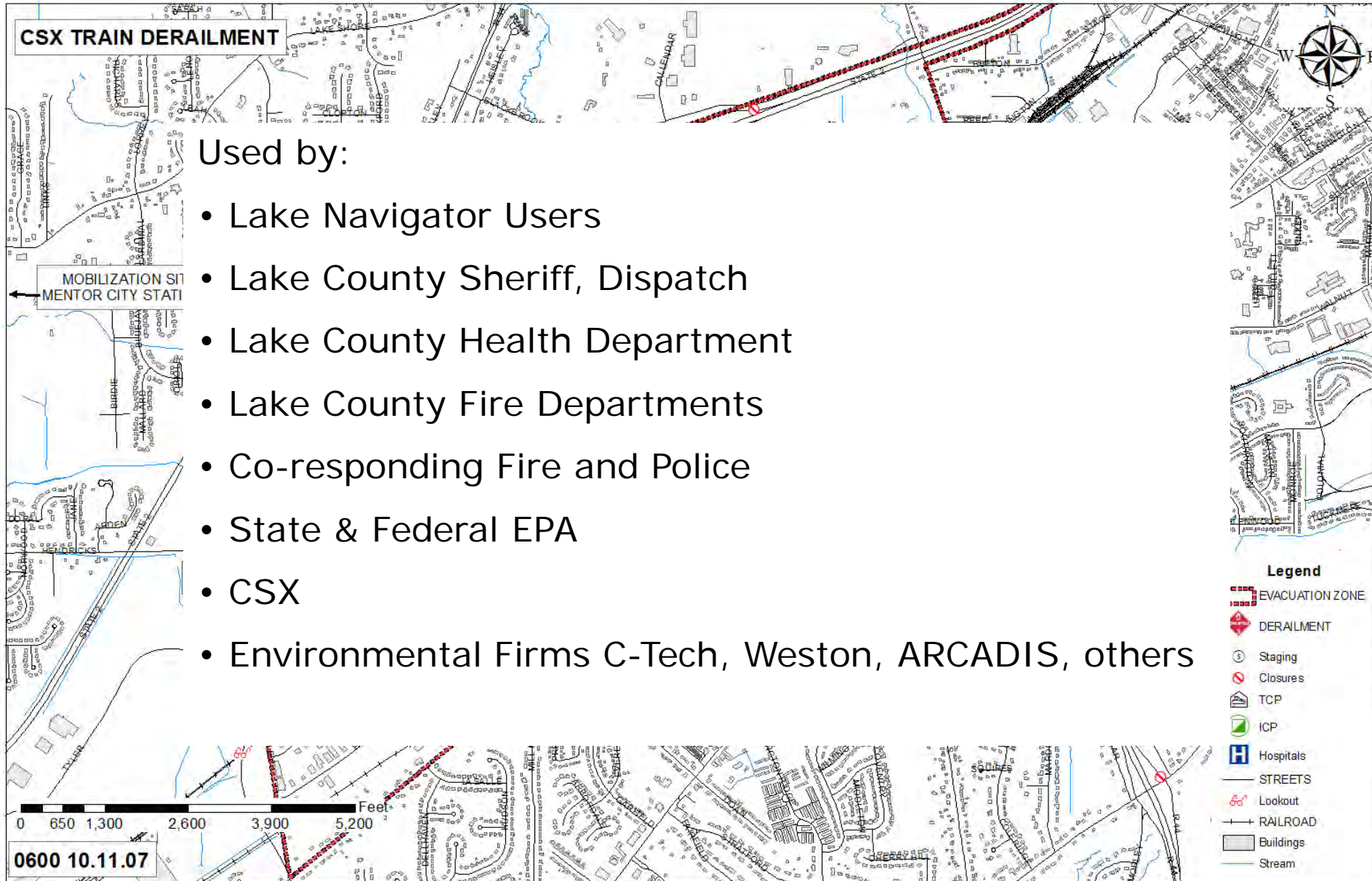
0 650 1,300 2,600 3,900 5,200 Feet

0600 10.11.07

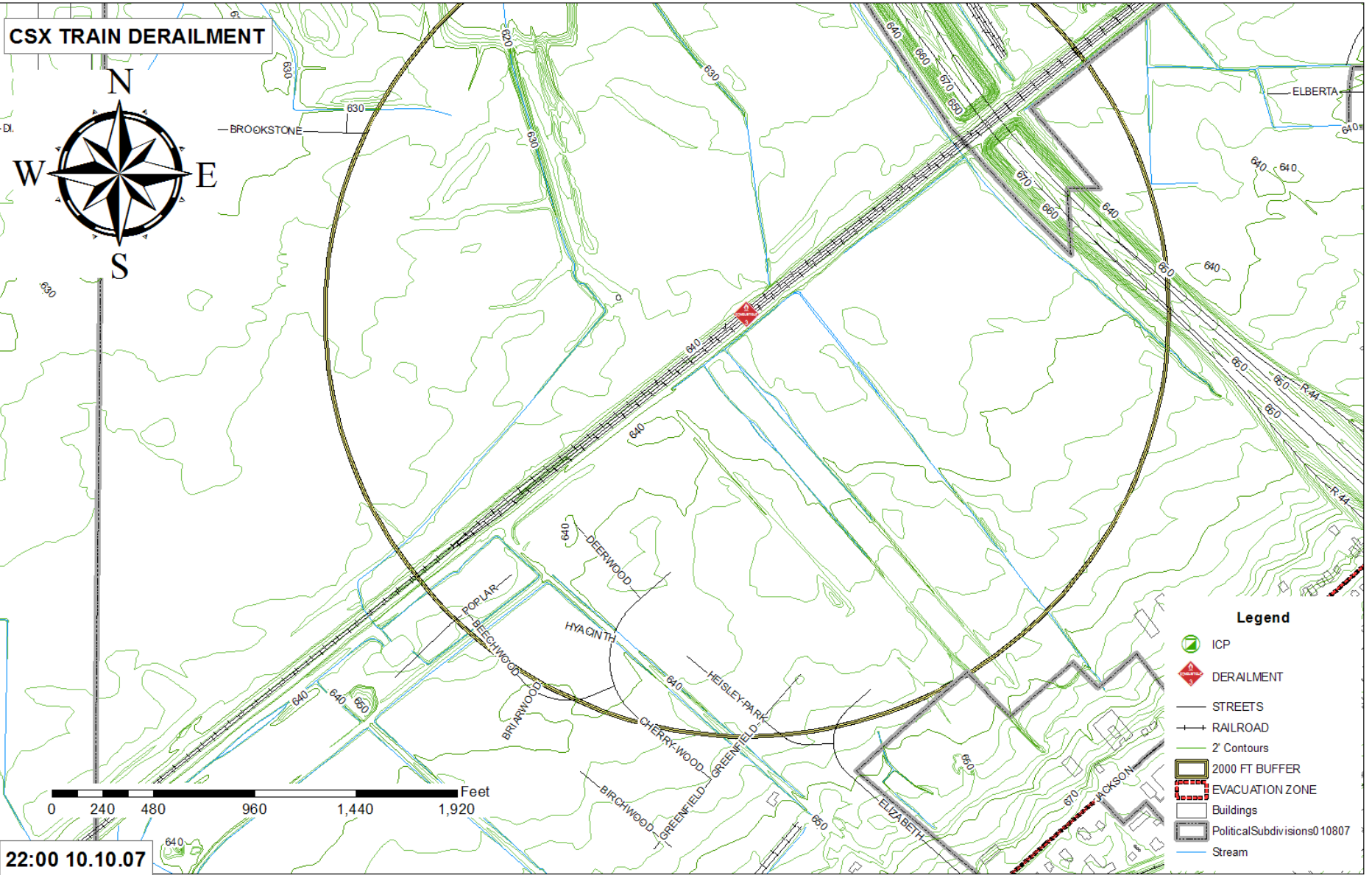
- Legend**
- EVACUATION ZONE
 - DERAILMENT
 - Staging
 - Closures
 - TCP
 - ICP
 - Hospitals
 - STREETS
 - Lookout
 - RAILROAD
 - Buildings
 - Stream



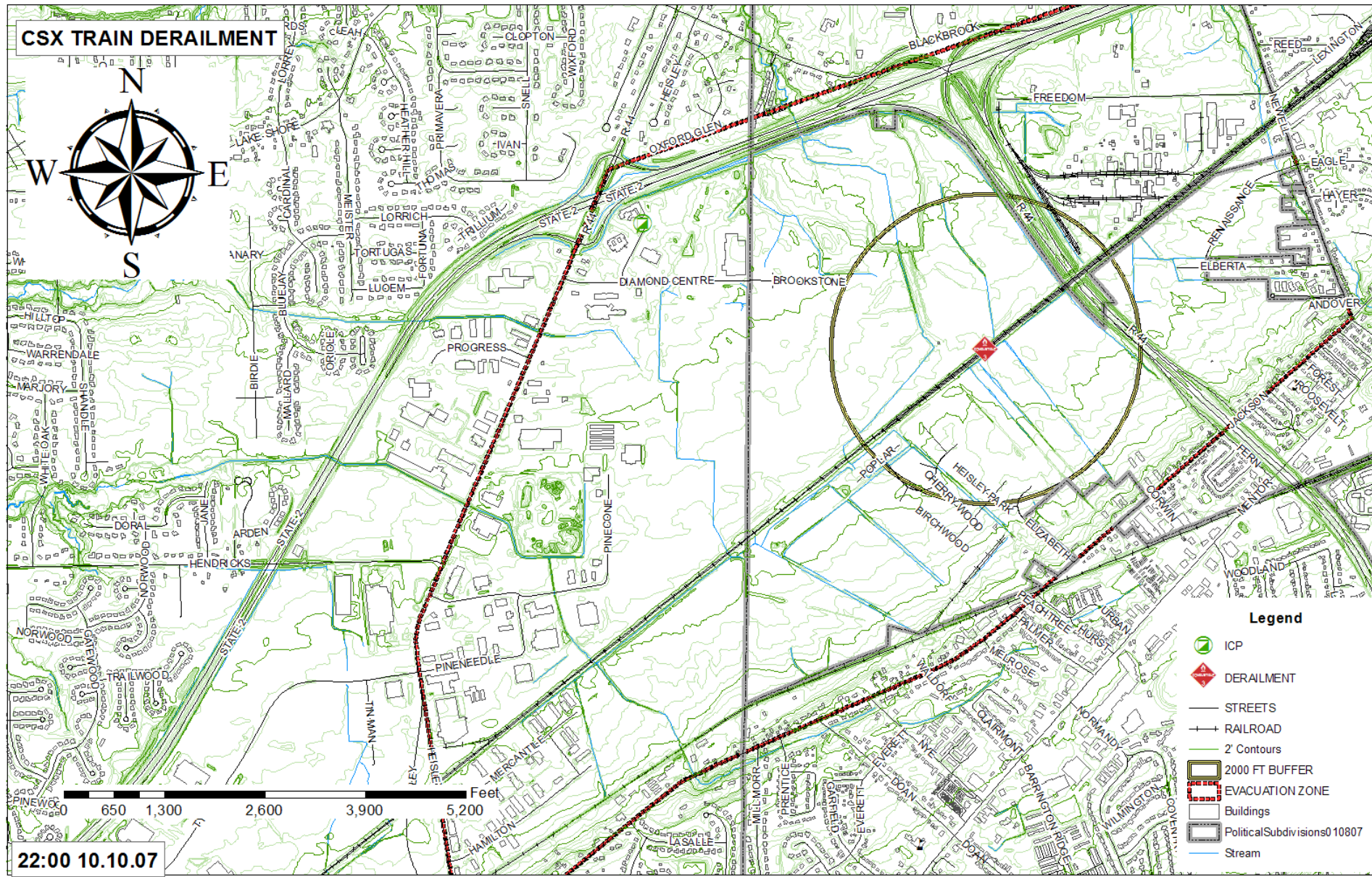
Painesville, Ohio – CSX Train Derailment



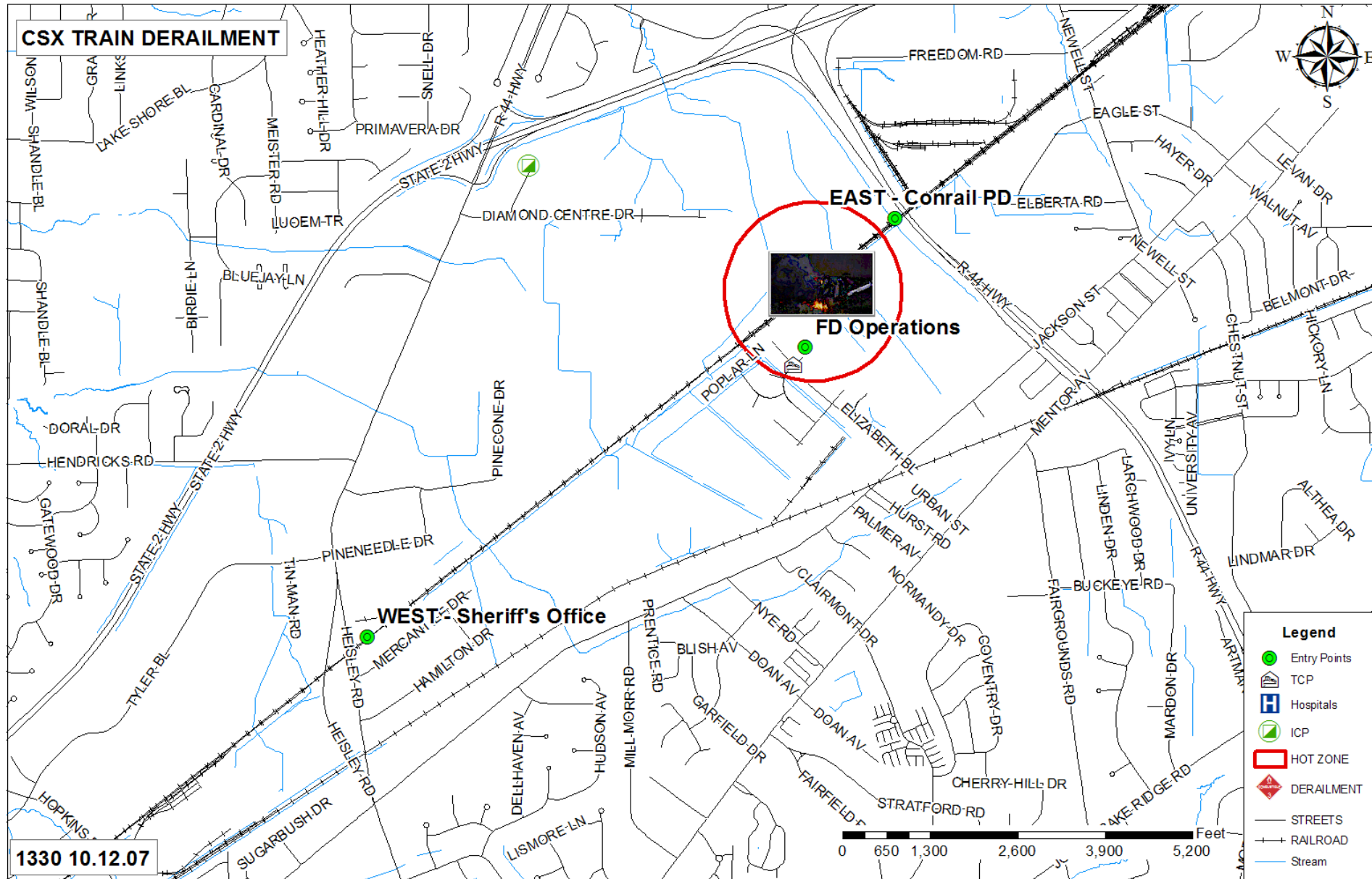
Painesville, Ohio – CSX Train Derailment



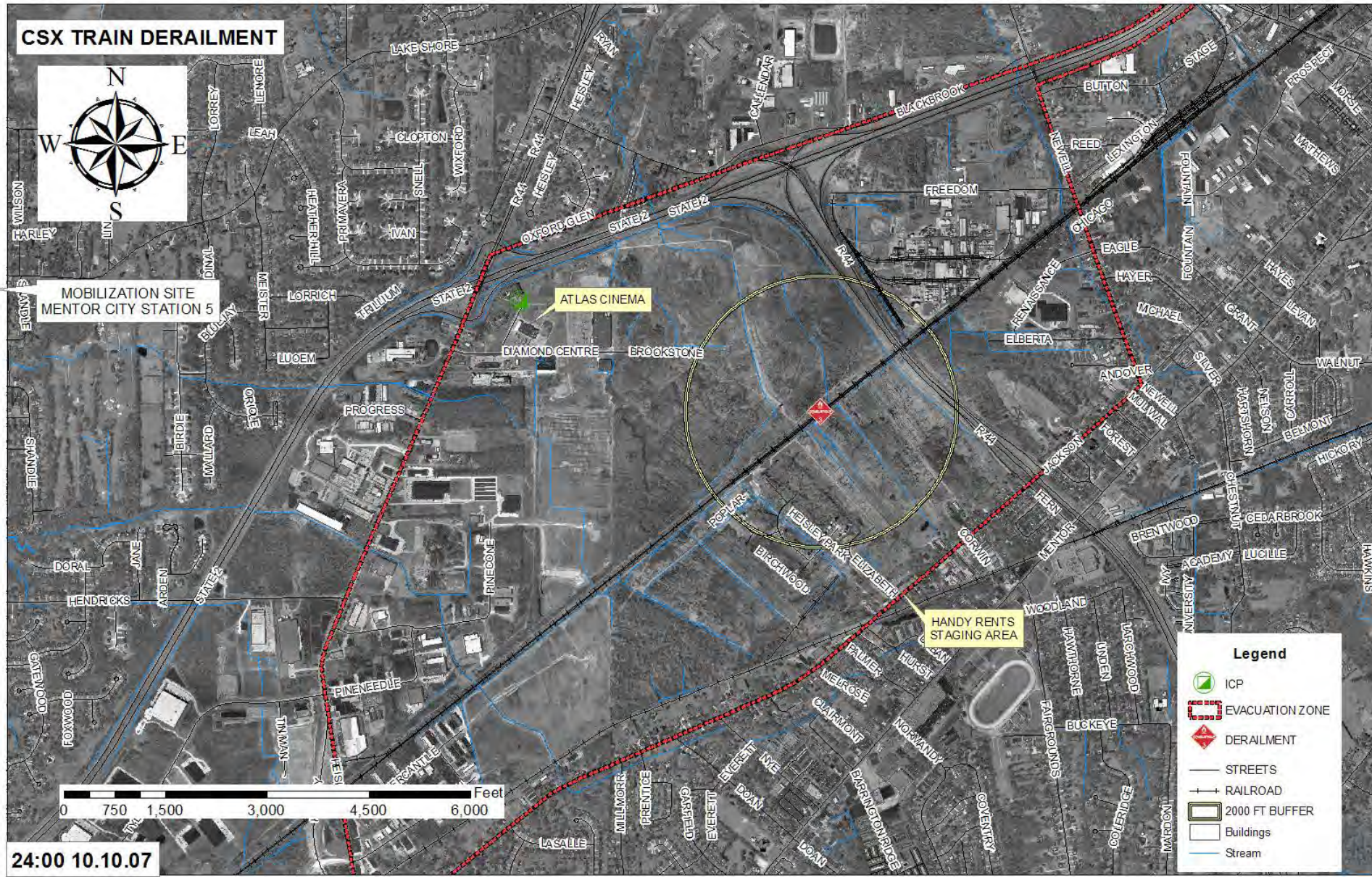
Painesville, Ohio – CSX Train Derailment



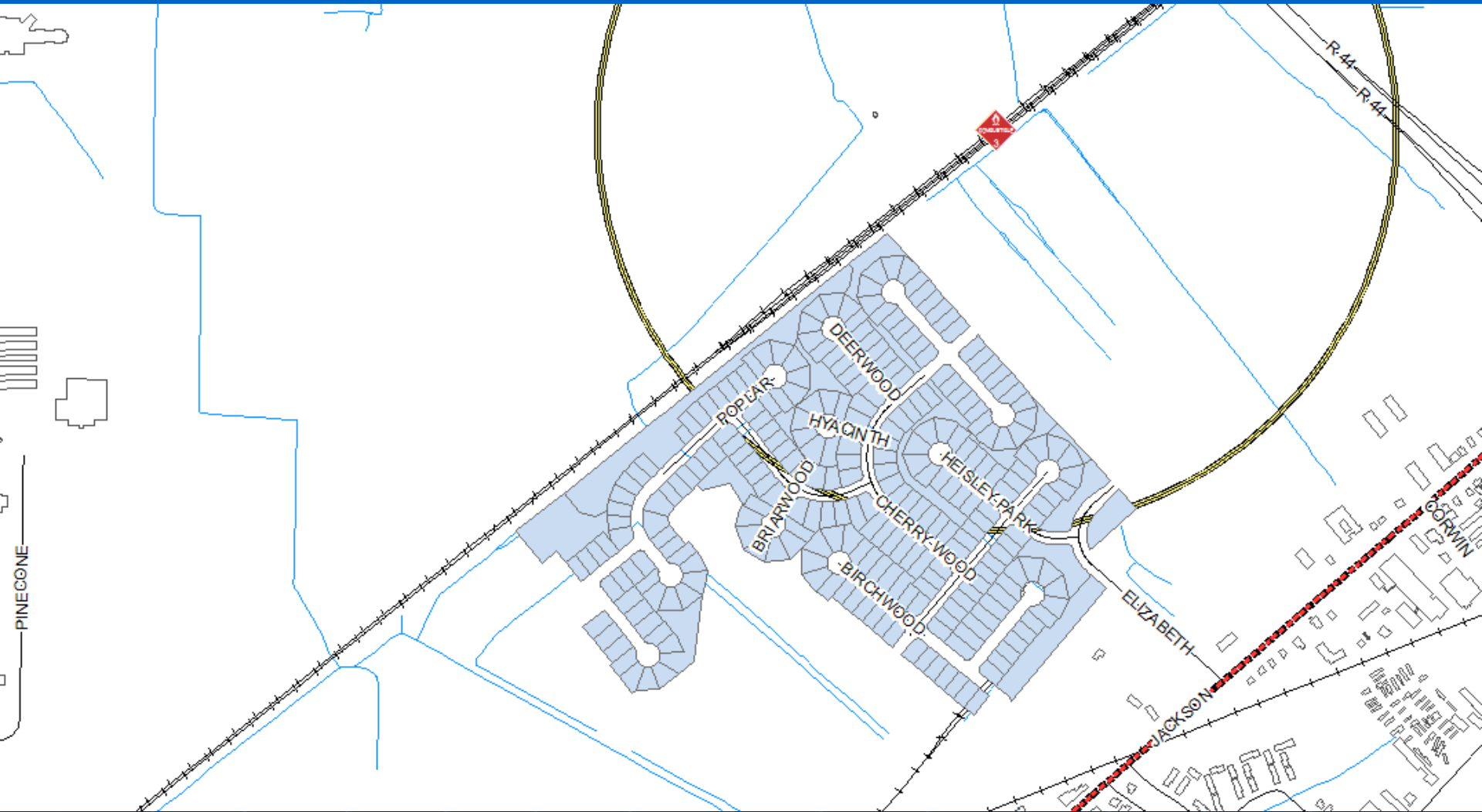
Painesville, Ohio – CSX Train Derailment



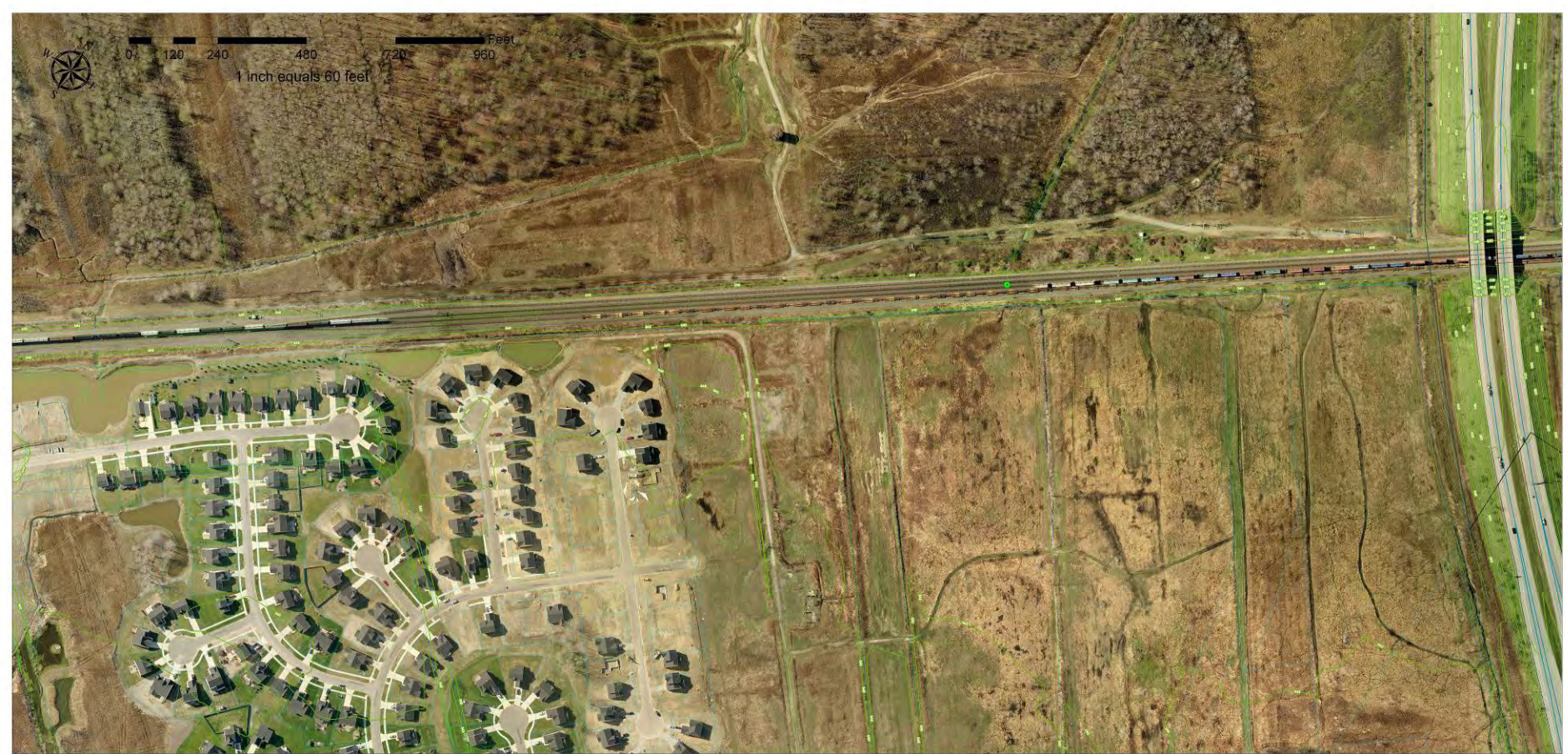
Painesville, Ohio – CSX Train Derailment



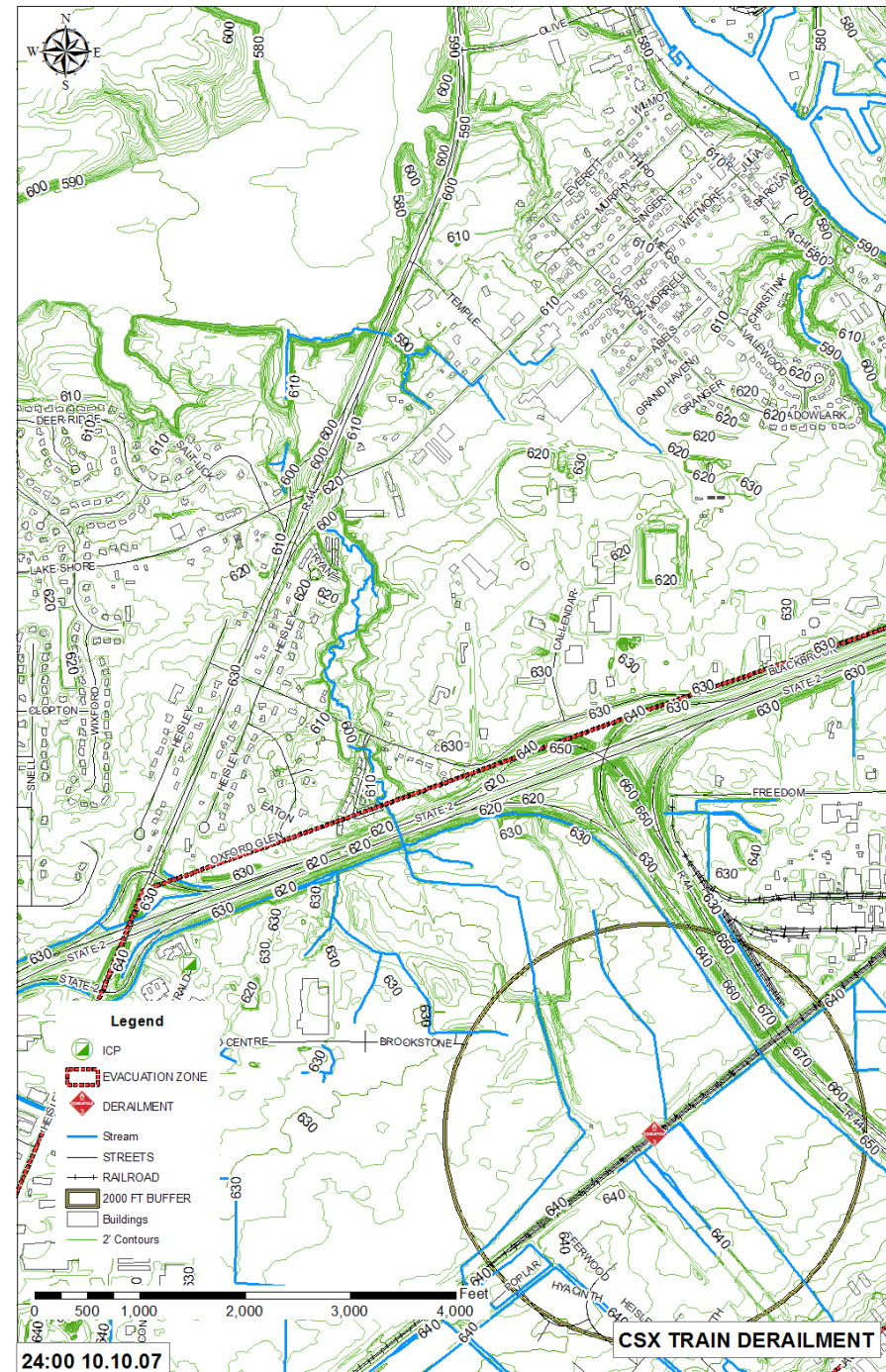
Impacted Property Ownership Data Provided



CSX Recovery Road Planning Map



OEPA Water Sampling Tracking Map 10' x 4'

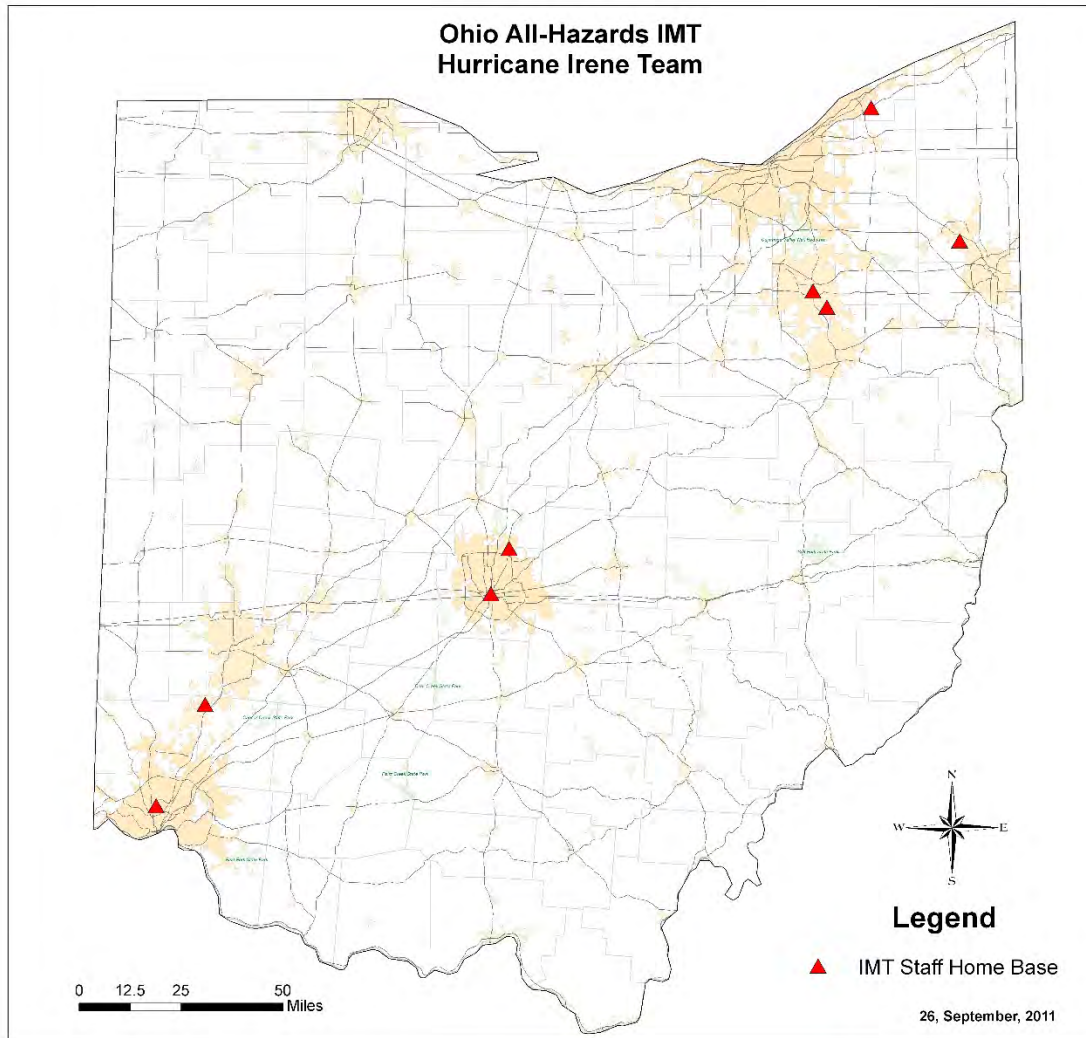


Ohio All Hazards IMT

Suffolk County, NY - Hurricane Irene



Ohio All Hazards IMT

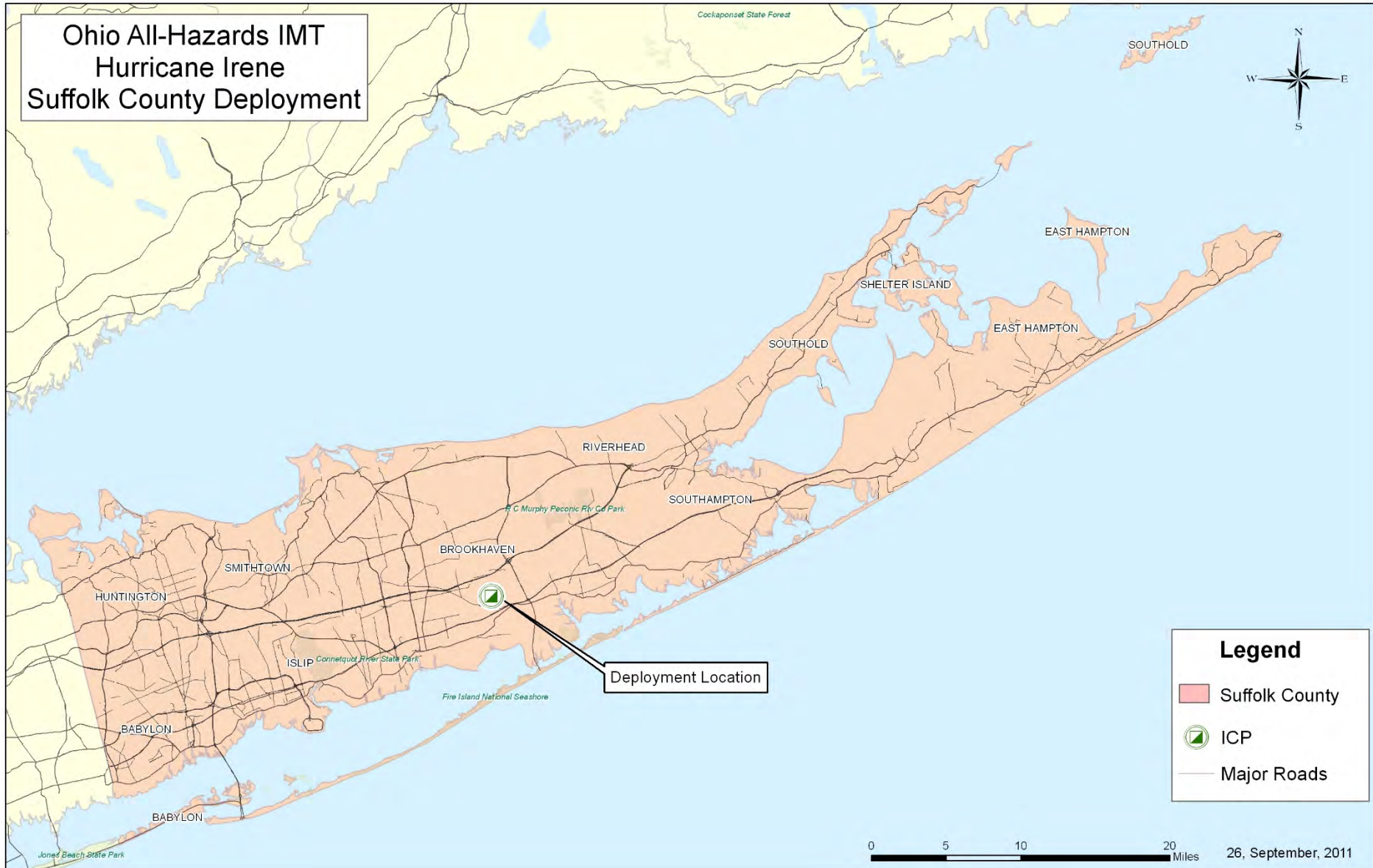


Suffolk County, NY - Hurricane Irene



Suffolk County, NY - Hurricane Irene

Ohio All-Hazards IMT
Hurricane Irene
Suffolk County Deployment



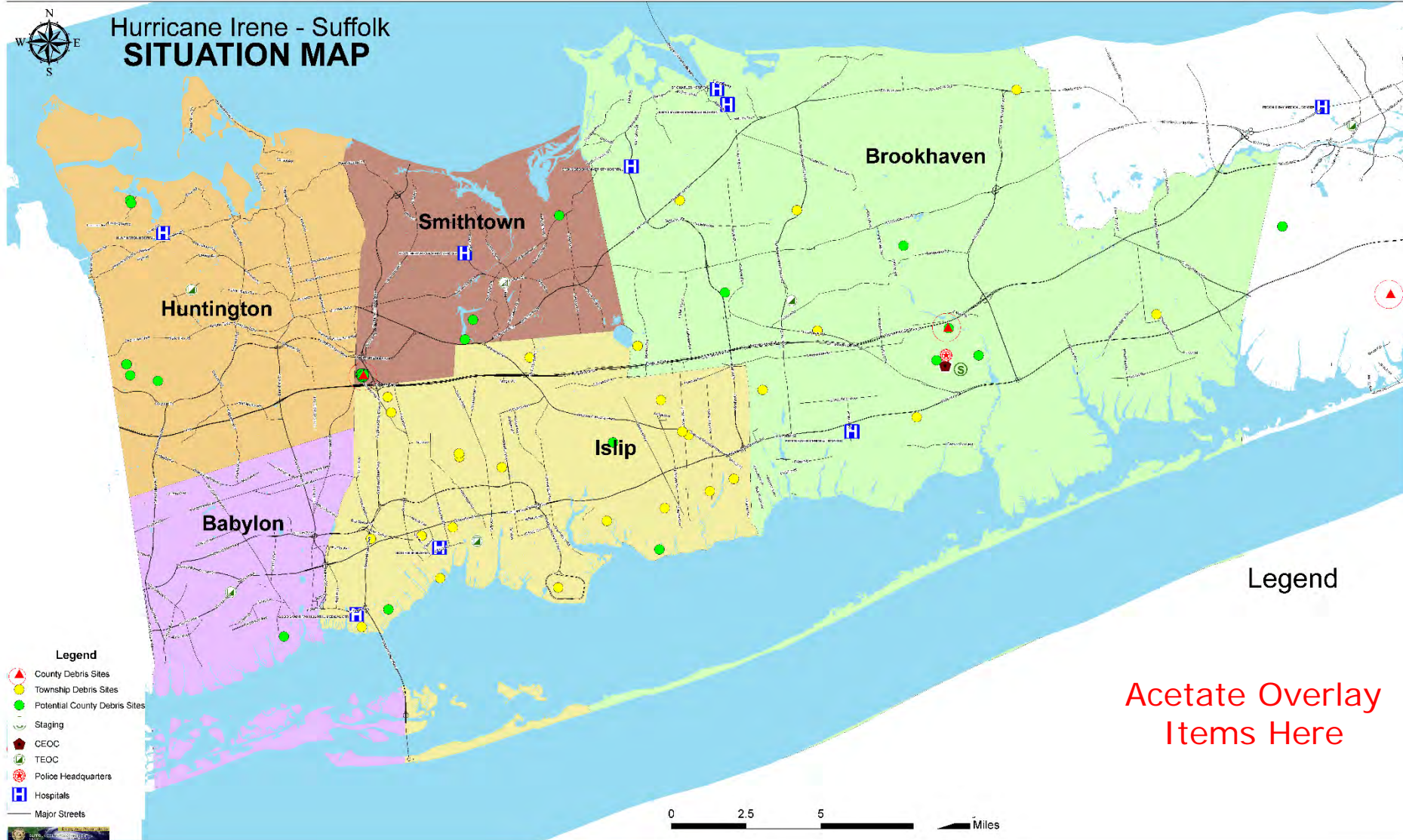
Legend

- Suffolk County
- ICP
- Major Roads

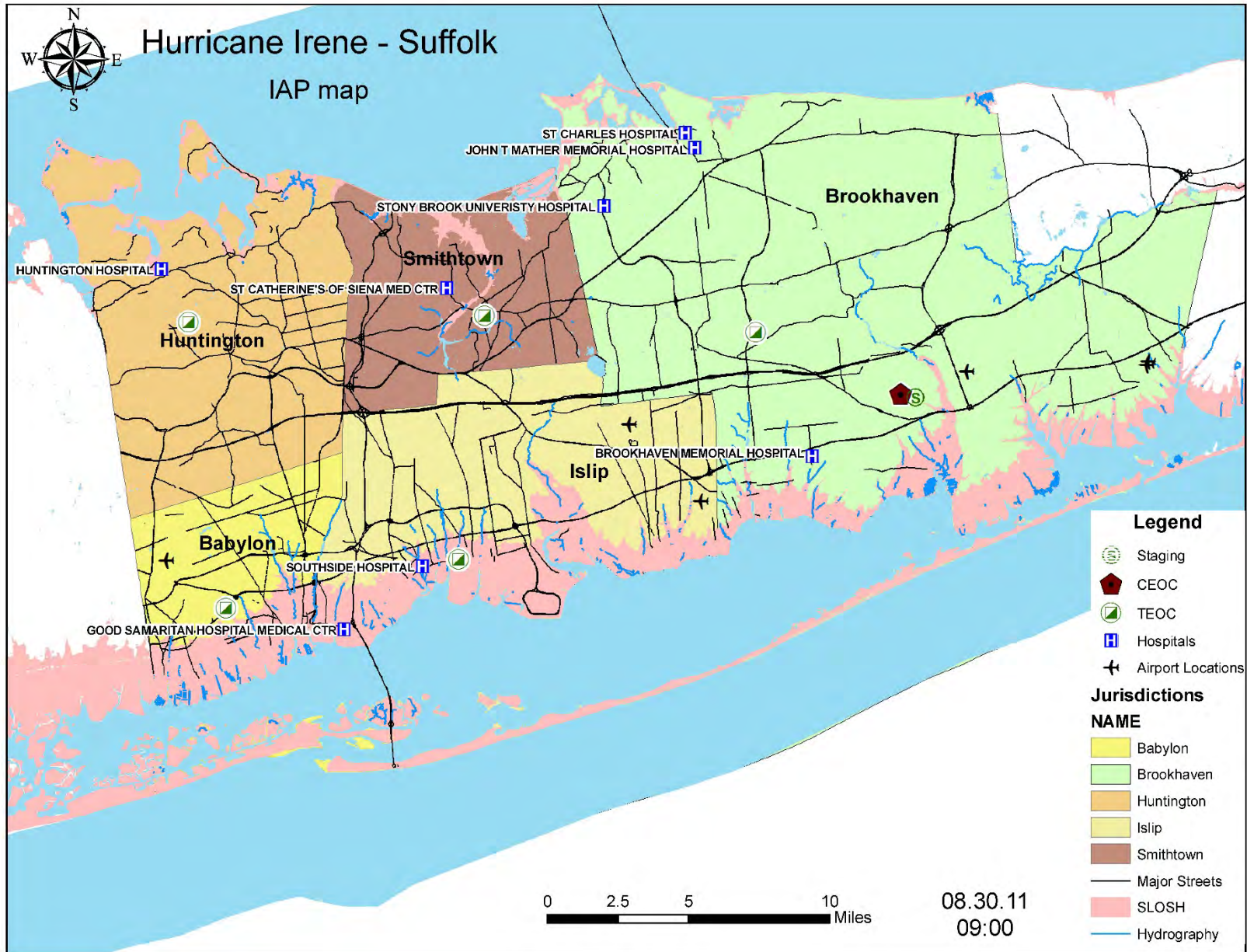
0 5 10 20 Miles

26, September, 2011

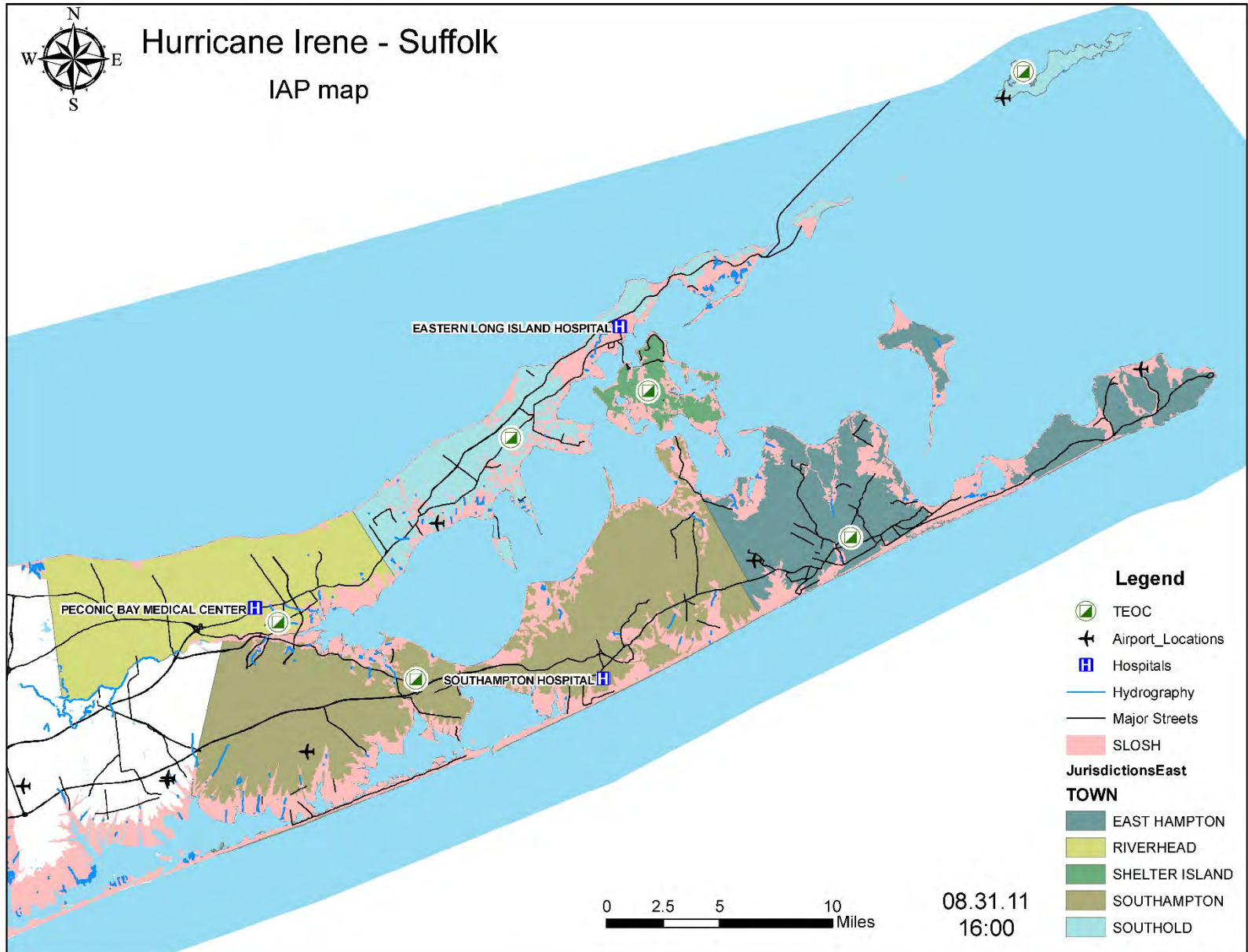
Suffolk County, NY - Hurricane Irene



Suffolk County, NY - Hurricane Irene



Suffolk County, NY - Hurricane Irene



Suffolk County, NY - Hurricane Irene

