



City of Philadelphia Emergency Management

**National Advisory Council
March 19, 2014**



Agenda

- Overview of OEM
- Case Studies
- Current and Future Initiatives

OEM Mission Statement

Responsible for ensuring the readiness for the City of Philadelphia for emergencies of any kind.

A integrated and collaborative program comprised of five tenets:

- Public Education
- Mitigation
- Planning
- Training and Exercises
- Response and Recovery

Implementing the Mission

- Citywide disaster planning
- Training programs and disaster exercises
- Coordinate and support responses
- Collect, analyze, and disseminate incident information
- Educate the public on disaster preparedness
- Manage homeland security funding for City
- Advise City leadership on emergency management and certain homeland security policy issues.
- Serve quasi management consulting for various public safety agencies.

What makes us successful?

- Highly proficient staff
 - 28 people total
- Go-to for complex or original problems
- Ability to think outside the box, find parallels, apply like-concepts
- Reduce the element of surprise
- Stay below the radar

Case Studies

- Hurricane Sandy
- CHEMPACK
- Data Management

HURRICANE SANDY

Hurricane Sandy

1. Preparation

1. Conference calls
2. EOC prep
3. Public briefings
4. Prepping government

2. Response

1. EOC activation
2. Evacuation shelters
3. Power disruption and restoration

3. Recovery

1. Damage assessment
2. Debris removal
3. Public Assistance

4. Mitigation

1. Hazard Mitigation Grant Program

5. Preparation

1. Lessons observed → lessons learned

Lessons Observed

- Public wasn't prepared for long term power outages.
- The collection and analysis of storm-related information was challenging (ex. PECO outages, downed trees, road closures).
- Need for improved utility of city's EOC.
- General capacity and surge.
- Record keeping for Public Assistance incredibly challenging.

CHEMPACK

Program Overview

- Philadelphia has 14 containers stored at 7 hospitals:
- Program activated by EMS Supervisor or Hospital Physician
 - Full activation requires hospital pharmacy staff to coordinate with 7 Philadelphia Police Officers to transport antidote to **26 receiving hospitals**

Planning Assumptions

- Current allocation is inconsistent with risk assessment
- Notifications and movement of antidote negatively impacts operations
- Majority of life saving treatment will occur on-scene
- Distribution of EMS Containers prevents effective use on scene
- Real-world conditions will negatively impact transport times

Current Iteration

The Plan is risk-driven.

- Supplies hospitals nearest likely target zones
- Allows for efficient and effective distribution and use of EMS container

The Plan better facilitates on-scene treatment.

- Maintains coverage for all facilities using police transportation alternative

The Plan reduces logistical complexity.

- Proposed distribution for rapid notification and deployment of Hospital and EMS Containers

EOC DATA MANAGEMENT

Information Management Challenges

Observation

- Information not reported consistently to personnel in the EOC
- Incident information not transparent once in the EOC
- No standardized method for inputting information into existing incident management system

Implication

- Difficulty tracking incident status
- Incomplete real-time, citywide picture
- Challenges allocating resources for response
- Challenges for City Executive Leadership, EOC, and field staff in maintaining situational awareness

Standardize information collection, management, and dissemination

Operational Coordination Challenges

Observation

- Large number of incidents occurring citywide
- Critical roadways obstructed by debris
- Interagency coordination insufficient
- Agencies determine priorities independent of other agencies' response efforts

Implication

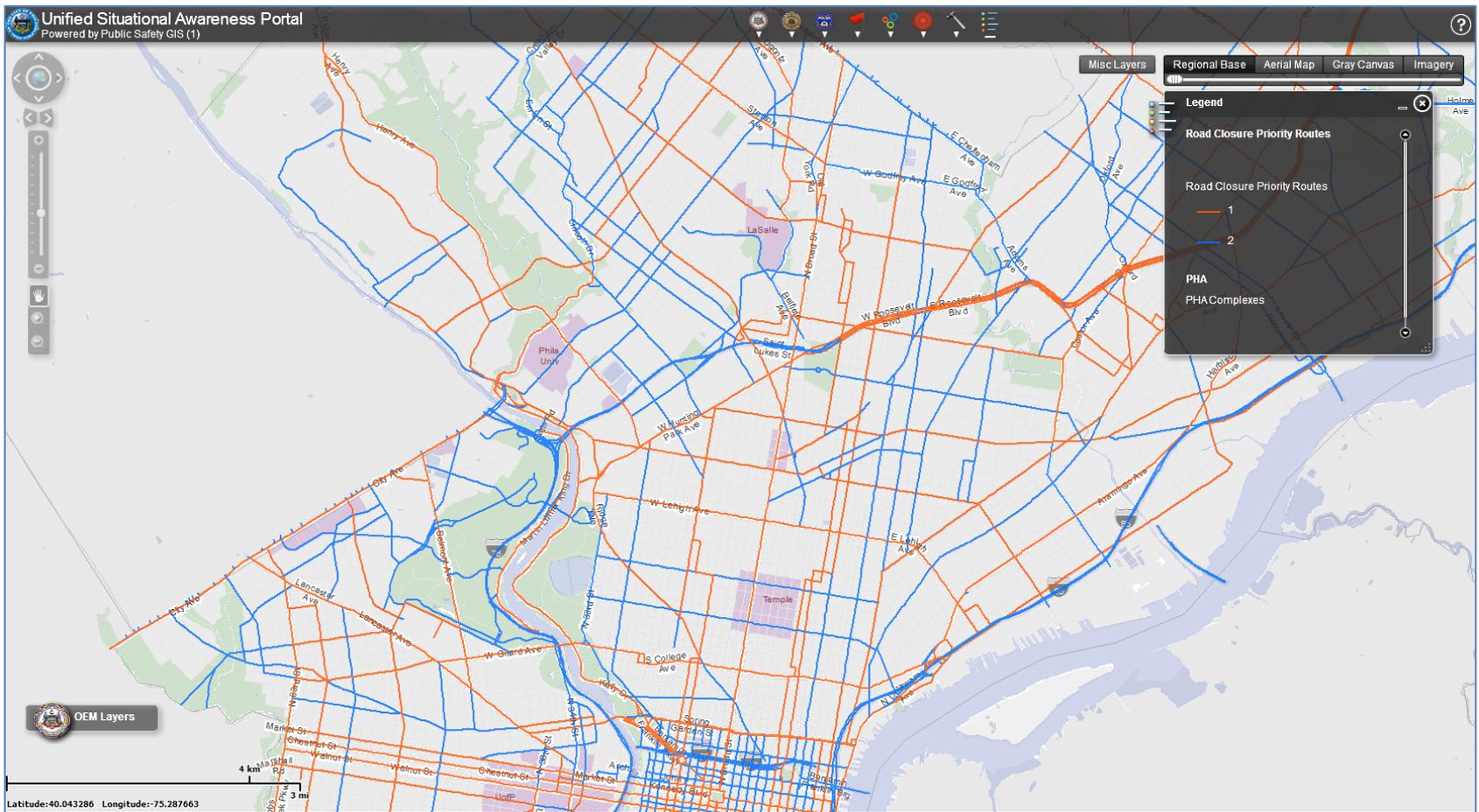
- Personnel on scene for lengthy periods awaiting response from other agencies
- Some incidents not resolved for days following the event
- Resources strained

Establish citywide priorities

Project Goals

- Empower agencies with information to coordinate field operations
- Unify agencies around a citywide common operating picture / priorities
- Improve responder wait times
- Generate metrics to measure success
- Substantiate assistance requests to state and federal government

Road Closure Priority Routes



Web Portal

Print this page Print all pages Advanced search Import Export results

search

Logged on as Ryan

Down Trees - Admin
Road Closures - Admin
Streets Damage - Admin
Down Wires - Admin
Building Damage - Admin
User Administration »

Details found: 13 Page 1 of 1 Records Per Page: 20

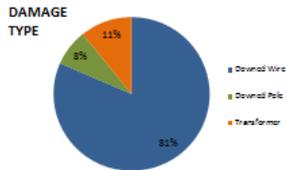
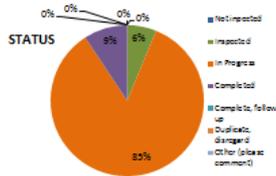
| ID | Date | Time | Source | Entered By | Address | Zip Code | Address Additional | FCC Incident Number | PF1 Request Priority | Emergency/Life Threatening Criteria | Incident Details | Incident Notes | Localized Power Outage | Vegetation | Road Closed | Direction | Travel Lanes | Road Closure Priority | Status | Last Updated | Comments |
|----|-----------|-------|--------|------------|--------------------------|----------|-----------------------|---------------------|----------------------|-------------------------------------|------------------------------------|--|------------------------|------------|------------------------------------|-----------|--------------|-----------------------|---------------------------|-------------------|--|
| 24 | 2/13/2014 | 07:55 | PF1 | Shea | 329 Avon St | 19116 | Cross Street Nandina | 140440162 | PF3 (Routine) | | Other | Pole to Pole not arcing at this time | No | Yes | | | | No | PECO on Scene | 2/13/14 08:54 | 1005: S/w Erin from PECO - Sending someone to the scene. Job not complete yet. More... |
| 25 | 2/13/2014 | 0844 | PF1 | Brown | 8400 Frankford Avenue | 19136 | 4000 Ashburner Street | 140440183 | PF3 (Routine) | | Other | Pole located 150R S of Ashburner St W side Frankford Ave. | Yes | | | | Unknown | No | PECO on Scene | 02/13/2014 @ 0941 | 1009: Briefed Greg from PD. |
| 26 | 2/13/2014 | 0951 | PF1 | Brown | IFO 1318 East Berks | 19125 | | 140440217 | PF2 (Priority) | Other (please describe) | Wires sagging pole-to-pole | L+I sent out to inspect scaffolding that fell onto these wires. Entry in KC | No | | | | | No | Plymouth Meeting Notified | 02/13/2014 @ 0956 | 1005: S/w PECO - Will be sending someone out. 1009: Briefed Greg from PD. |
| 27 | 2/13/2014 | 11:09 | PF1 | Shea | 2967 W School House Lane | 19144 | | 140440287 | PF1 (Emergency) | | Other | Wires Down on highway no arcing originally reported as Transformer this was inac More... | No | No | Other | | | RC2 | Complete | 11:35 | |
| 28 | 2/13/2014 | 1159 | PF1 | Brown | 6100 Bingham Street | 19111 | | 140440326 | | | Not PECO wires (e.g. Verizon, etc) | Comcast cable wires. | No | | Not PECO wires (e.g. Verizon, etc) | | | No | Complete | 02/13/2014 @ 1231 | Comcast cable wires. |
| 29 | 2/13/2014 | 1220 | PPD | Brown | 9333 Andover | 19114 | 9331 Andover | 14044354 | PF1 (Emergency) | Other (please describe) | Wires sagging pole-to-house | Tree on a service wire in the rear. | | | | | | No | Plymouth Meeting Notified | 02/13/2014 @ 1239 | PPD Captain off duty reported this incident directly to police EOC Ilason. Fire More... |
| 30 | 2/13/2014 | 1354 | PF1 | Brown | 7331 Chelvynde Avenue | 19153 | | 140440397 | PF1 (Emergency) | Other (please describe) | Other | Car hit a meter. | No | | | | | No | Plymouth Meeting Notified | 02/13/2014 @ 1409 | Car hit a meter - PECO is sending someone to look at the meter. PPD was notified More... |

Dashboard - Wires

Downed Wires/Transformer Dashboard: Hurricane Guckin

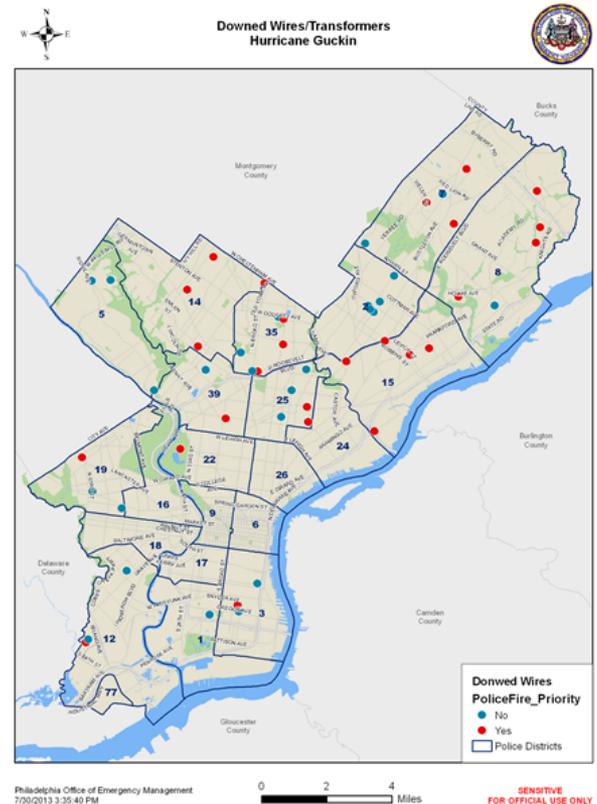
last update: 7/28 @ 1347

| Total Wires/Transformers: | | # |
|---------------------------|----|---|
| Status | | |
| Not inspected | 0 | |
| Inspected | 4 | |
| In Progress | 55 | |
| Completed | 6 | |
| Complete, follow up | 0 | |
| Duplicate, disregard | 0 | |
| Other (please comment) | 0 | |
| Damage Type | | |
| Downed Wire | 53 | |
| Downed Pole | 5 | |
| Transformer | 7 | |
| Location Detail | | |
| Unknown | 12 | |
| On house | 3 | |
| On vehicle | 1 | |
| Private property | 0 | |
| Roadway (blocking) | 7 | |
| Roadway (not blocking) | 31 | |
| Sidewalk (blocking) | 6 | |
| Sidewalk (not blocking) | 5 | |
| Other | 0 | |

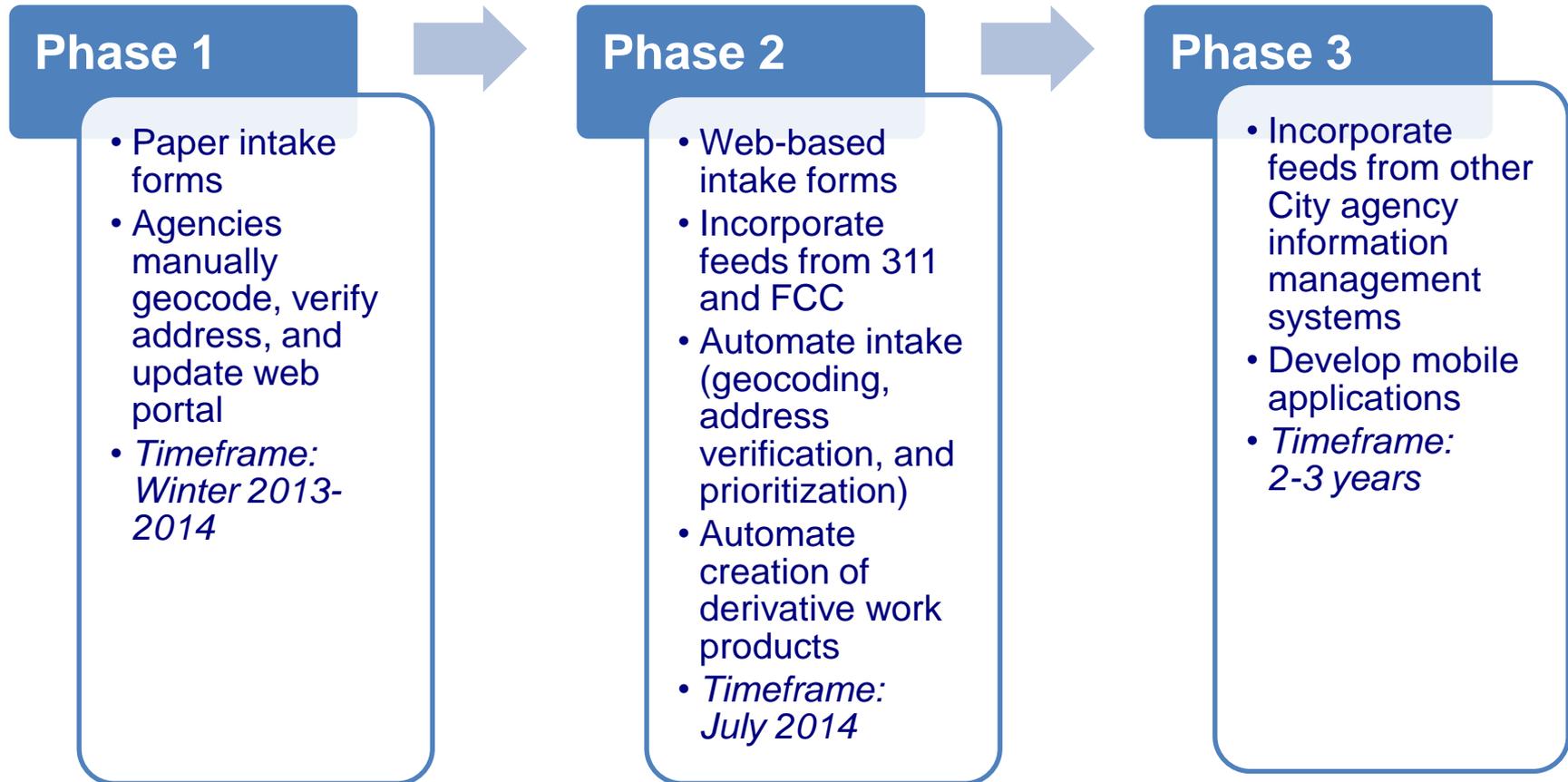


| Life Safety Priorities | | | | | | |
|------------------------|------|------|-----------------------------------|-------------|------------------|----------|
| Wire# | RC | Prio | Address | Status | WireOr Transform | Comments |
| 1 | N/A | | 5500 LAWRENCE | Complete | Downed Wire | |
| 2 | N/A | | 5500 LAWRENCE ST | Complete | Downed Wire | |
| 4 | N/A | | 21ND ST and W LIPPINCOTT ST | Complete | Downed Wire | |
| 5 | N/A | | 900 BLK of FILLMORE ST | Complete | Downed Wire | |
| 6 | N/A | | 2420 S 8TH ST | Complete | Downed Wire | |
| 7 | N/A | | 911 FILLMORE ST | Inspected | Downed Wire | |
| 8 | N/A | | 4104 ELBRIDGE ST | Inspected | Downed Wire | |
| 9 | N/A | | FRANKLIN ST & SHUMKLE ST | Inspected | Downed Pole | |
| 10 | N/A | | 4100 RICHMOND, AT THE BASE OF THE | Inspected | Downed Wire | |
| 11 | N/A | | 2048 N 63RD DT | In Progress | Downed Wire | |
| 12 | N/A | | 7200 RANDOLPH CRESS STREET RES | In Progress | Downed Wire | |
| 13 | N/A | | 100 E HUNTING PARK AVE | In Progress | Downed Wire | |
| 14 | N/A | | 6205 N FAIRHILL ST | In Progress | Downed Pole | |
| 15 | N/A | | 8061 FAYETTE ST | In Progress | Downed Pole | |
| 17 | N/A | | 3121 VELSH | In Progress | Downed Wire | |
| 18 | N/A | | 7939 BUIST AVE | In Progress | Downed Wire | |
| 19 | N/A | | 9684 CLARK ST | In Progress | Downed Wire | |
| 20 | N/A | | 228 W RITTENHOUSE ST | In Progress | Downed Pole | |
| 21 | RC-1 | | BUSTELTON AND TREVOSE | In Progress | Downed Wire | |
| 22 | N/A | | 200 E SEDGWICK | In Progress | Downed Wire | |
| 23 | N/A | | 7122 N BROAD ST | In Progress | Downed Wire | |
| 24 | N/A | | 4612 CAMAC ST | In Progress | Downed Wire | |
| 25 | N/A | | WALKER AND DISSTON | In Progress | Downed Wire | |
| 26 | N/A | | Unknown | In Progress | Downed Wire | |
| 27 | RC-3 | | Unknown | In Progress | Downed Pole | |
| 28 | N/A | | Unknown | In Progress | Downed Wire | |
| 29 | N/A | | Unknown | In Progress | Downed Wire | |
| 30 | N/A | | Unknown | In Progress | Downed Wire | |
| 31 | N/A | | 3831 PATRICIAN DRIVE | In Progress | Downed Wire | |
| 32 | N/A | | Unknown | In Progress | Transformer | |
| 33 | N/A | | 9736 REDD RAMBLER | In Progress | Transformer | |
| 35 | N/A | | PHILA POLICE | In Progress | Transformer | |
| 36 | N/A | | 1007 TOMLINSON RD | In Progress | Transformer | |
| 37 | N/A | | Unknown | In Progress | Transformer | |
| 39 | N/A | | 10943 TEMPLETON ST | In Progress | Transformer | |
| 40 | N/A | | 12238 RAMBLER ST | In Progress | Transformer | |
| 43 | RC-2 | | 700 E THAYER | In Progress | Downed Wire | |
| 44 | N/A | | 602 E ERIE | In Progress | Downed Wire | |

| Current RC-1 and RC-2 Priorities | | | | | | |
|----------------------------------|------|------|---------------------------|-------------|------------------|----------|
| Wire# | RC | Prio | Address | Status | WireOr Transform | Comments |
| 45 | RC-1 | | Broad & Bellfield | In Progress | Downed Wire | |
| 52 | RC-1 | | Lincoln Dr | In Progress | Downed Wire | |
| 53 | RC-1 | | 6200 62nd & Haverford Ave | In Progress | Downed Wire | |
| 58 | RC-2 | | 2637 S Beulah St | In Progress | Downed Wire | |



Project Phases



IMPLEMENTING LESSONS

Guiding Principles

- Manage expectations
- ‘Operationalizing’ plans
- Capacity building
- Building knowledge base throughout OEM and public safety agencies more generally
- Increasing efficiency

Current and Future Initiatives

- Planning
 - Damage Assessment
 - Debris Removal
 - Shelter Prioritization
 - Volunteer coordination and integration
- Operations
 - Logistics Planning and Coordination
 - Building out a warehouse
 - EOC development and enhancement

Current and Future Initiatives

- External Affairs
 - Smart and strategic messaging
 - Joint Information Center
- Executive/Agency
 - EMAP
 - Emergency Management Council
 - Emergency Operations Plan

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