

CASE STUDY:

M-5 @ I-275 Ramp Tanker Truck Accident, October 1, 2018

Multi-Agency Coordination Overview

Traffic Incident Management ▪ Emergency Management Interface

Thom Hardesty, Manager
Oakland County Homeland Security Division

Lt. James Neufeld
Farmington Hills Fire Department



Farmington Hills PA 390

Routinely Working with Regional Partners



I-275, I-96, M-5 Interchange



Situation:

Tanker Truck Rollover 3,700 Gasoline

Monday, October 1, 2018

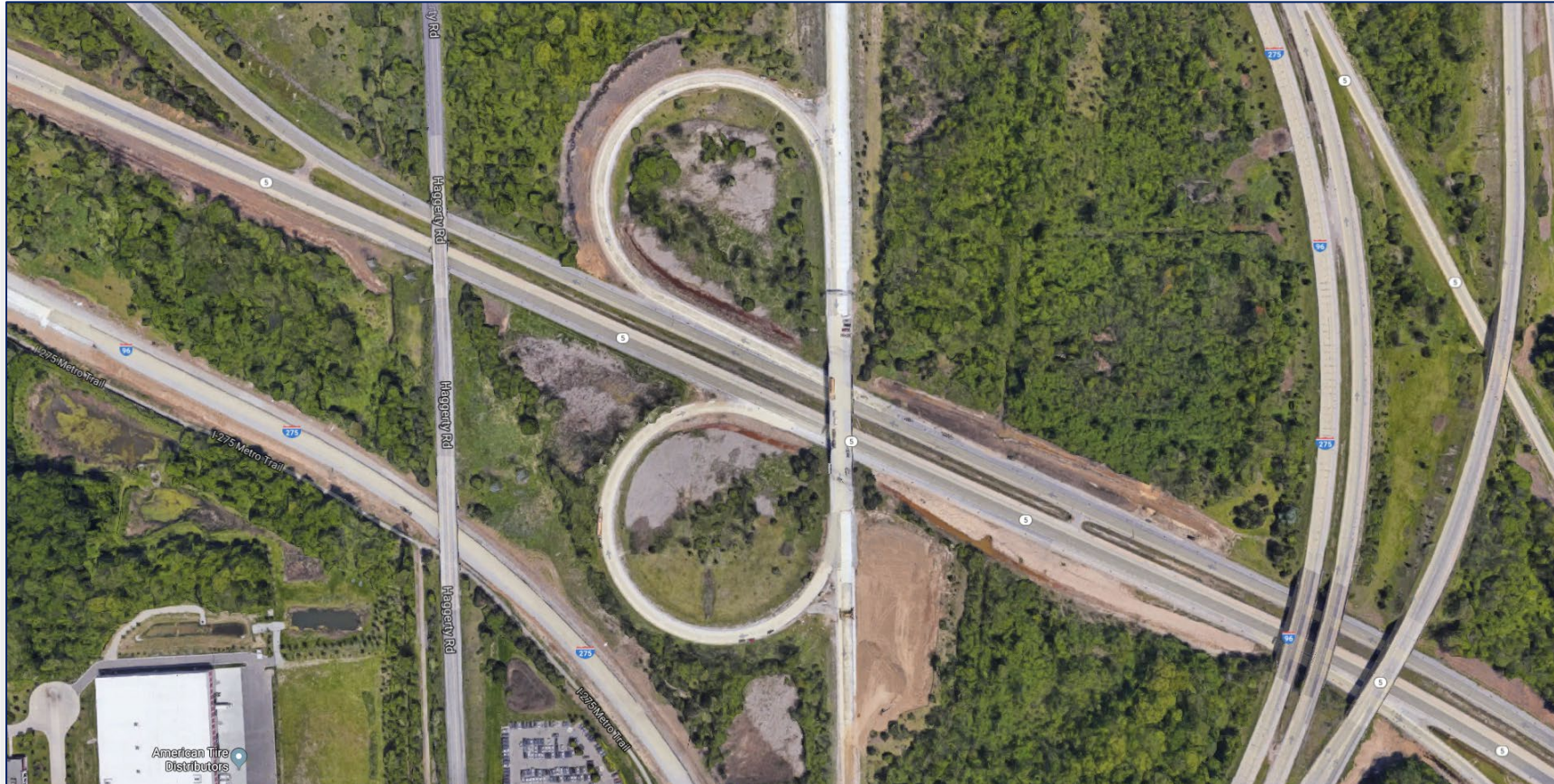
Toned out at 14:59 as a
rollover accident

15:01 Upgraded to truck

15:02 Tanker



WB M-5 Ramp to SB I 275 ▪ Farmington Hills



Tanker on side upgrades the response including:

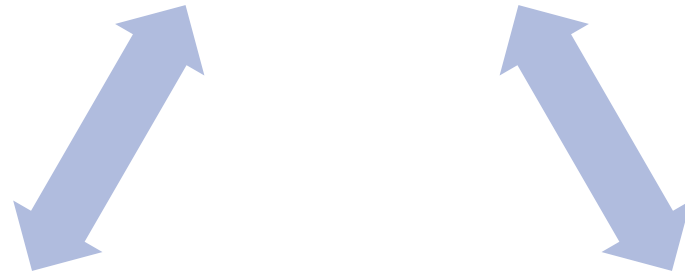
Chief Deputy Chief Staff



TIMELINE

- 14:59 Incident Dispatched
- 15:04 Arrival - **Engine One/Squad One**
- 15:07 Arrival - Chief and Deputy Chief
- 15:10 Arrival - **102 (That's Me)**
- 15:15 Mutual Aid Request - **WWHMRT**
- 15:22 Text to **OCHSD** Thom Hardesty, Kevin Scheid
MSP/EMHSD Lt. Tim Ketvirtis
- 15:23 Picture to **OCHSD** Hardesty, Scheid & **MSP/EMHSD** Ketvirtis

**Farmington
Hills I/C**



**OCHSD
EOC/LEPC**



MSP/EMHSD

NIMS

**Farmington
Hills I/C**

ICS

Situational Awareness

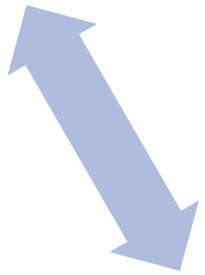
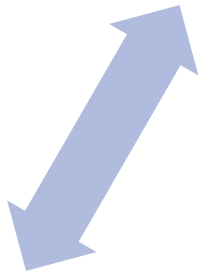
Resource
Allocation

Tiered Response

Multi-Agency
Coordination

**OCHSD
EOC & LEPC**

MSP/EMHSD



Emergency Management Warning & Communications



WEATHER WARNING SYSTEMS	
<p>WIRELESS EMERGENCY ALERTS (WEA)</p> <ul style="list-style-type: none"> All phones purchased after Jan. 1, 2013 have Wireless Emergency Alert System built in. Receives urgent weather messages such as tornado warning, hurricane warning, amber alerts. Alerts received based on cell phone tower you are connected to. 	<p>NOAA WEATHER RADIO ALL HAZARDS</p> <ul style="list-style-type: none"> As important as a smoke detector. Will automatically go off when severe weather warning issued. Provides continuous stream of weather information to keep oneself situationally aware. Can be purchased at many retail stores and websites that sell electronics.
<p>OTHER WAYS TO RECEIVE WARNINGS</p> <ul style="list-style-type: none"> Local Emergency Managers <ul style="list-style-type: none"> Responsible for sirens going off within each county Local Media Internet Resources (www.weather.gov/dfa) 	



WIRELESS
EMERGENCY
ALERTS

TIMELINE (Continued)

- 15:28 Arrival - **Haz Mat 1 WWHMRT**
- 15:40 Informed - **MSP** Duty Officer ramp closed for 12 hours
- 16:00 Informed - **MDEQ**
- 15:44 Arrival - **Haz Mat 2 WWHMRT**
- 17:00 Arrival - **MDOT** Sign Board
- 17:20 **MI-CIMS** Incident created
- 00:14 Incident Over - 9.25 Hours

15:04-15:10 Original Alarm
FHFD & Local Emergency Management,
FHPD, MSP, Tow Company



15:28 Haz Mat 1

Western Wayne Hazardous Materials Response Team (WWHMRT)



15:44 Haz Mat 2

WWHMRT



16:30 Incident Action Plan Formed



19:30 Off Loading Equipment in Place



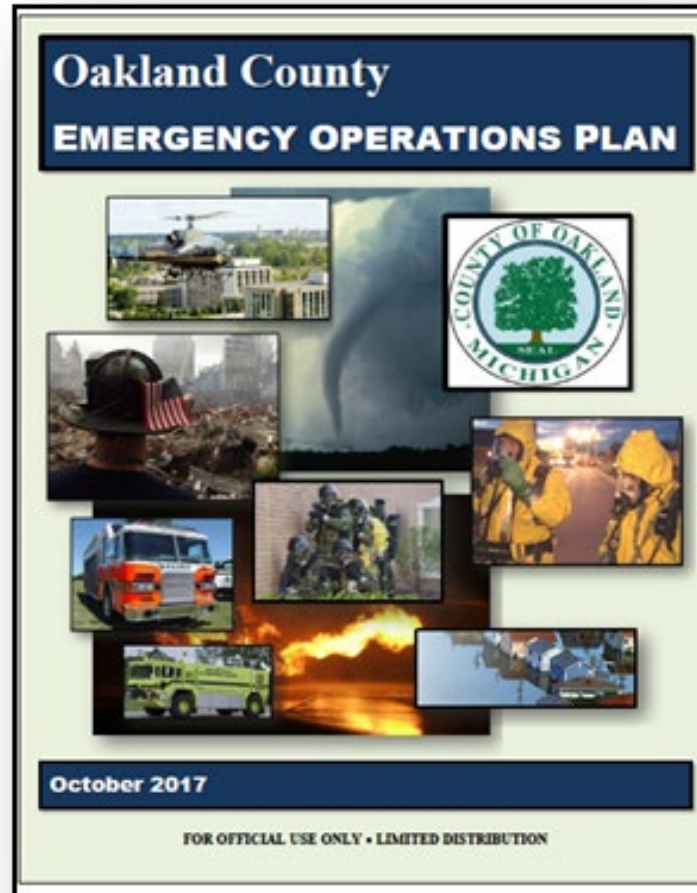
20:00 Off Loading Operation Commences



INCIDENT OVERVIEW

- Duration 9.25 Hrs
- Command - **Unified Command** (NIMS / ICS)
- Utilize **MI-Drive & MI CIMS**
- 37 texts between myself **OCHSD & MSP/EMHSD**
- **Agencies Involved: FHFD, FHPD, MSP, WWHMRT, OCHSD, MSP/EMHSD, MDOT, DEQ, Tow company**
- Scene turned over to MDOT and opened @ 01:00

Emergency Management



EOC Activation with Multi-Agency Coordination



EOC Activation with Multi-Agency Coordination



EOC Activation with Multi-Agency Coordination

