# From Fighting Fires to Mapping Emergencies

My Journey from the Fire House to GIS

Ronald Vaughn Sr.

Dallas Fire Rescue

# My Story

# Firefighter/Paramedic





c Tim Vermande 2002

# Geographical Information Systems (GIS)

# DFR Class 95-243



Class 95-243

**BACK ROW** (left to right)
Mathew W. Winklevoss, Nathan S. Pilcher, Frank A. Ward, Michael A. Polnac, Dominque D. Artis, Daniel J. Salazar, Vernell R. Schufford, Garret J. Lucero, David L. Hawkins, Rodney L. Featherston, Ronald J. Vaughn, Robert Holloway Jr.

**FRONT ROW** (left to right)
Glenda M. McElhenie, Frederic L. Walker, Reginald R. Blair, Kenneth L. Cullins, Nancy K. Warner (Highland Park), Kimberly L. Richter, Deanne R. Murillo (Duncanville), David Diaz, Keith W. Taliaferro, John A. Brock
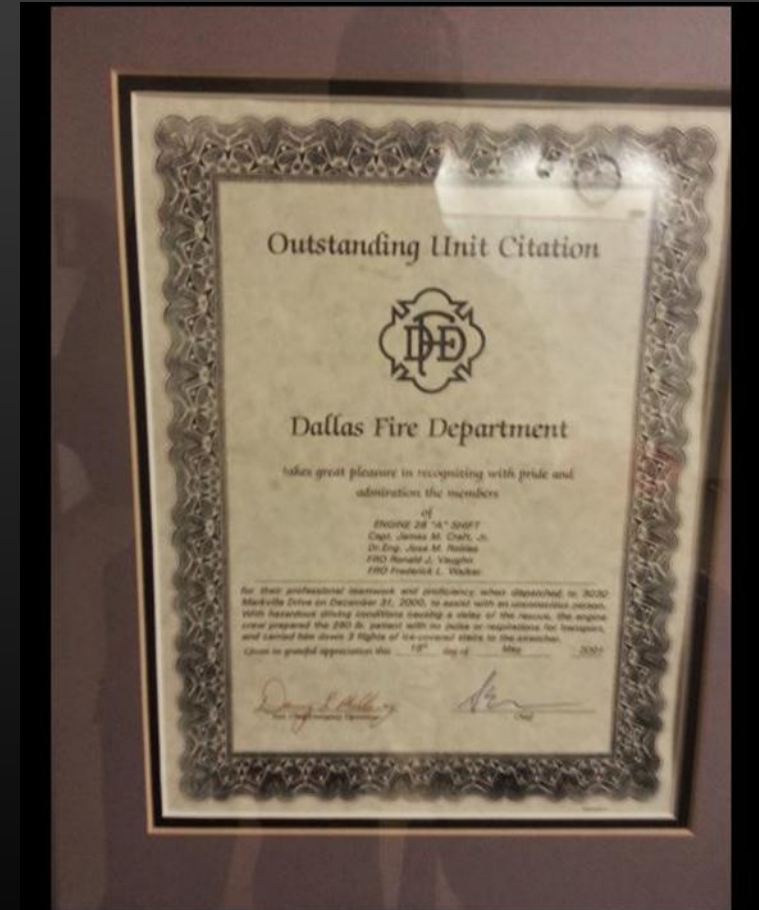
# Station 35

# Station 28

# Awards

# Station 48

# A Satisfied Family
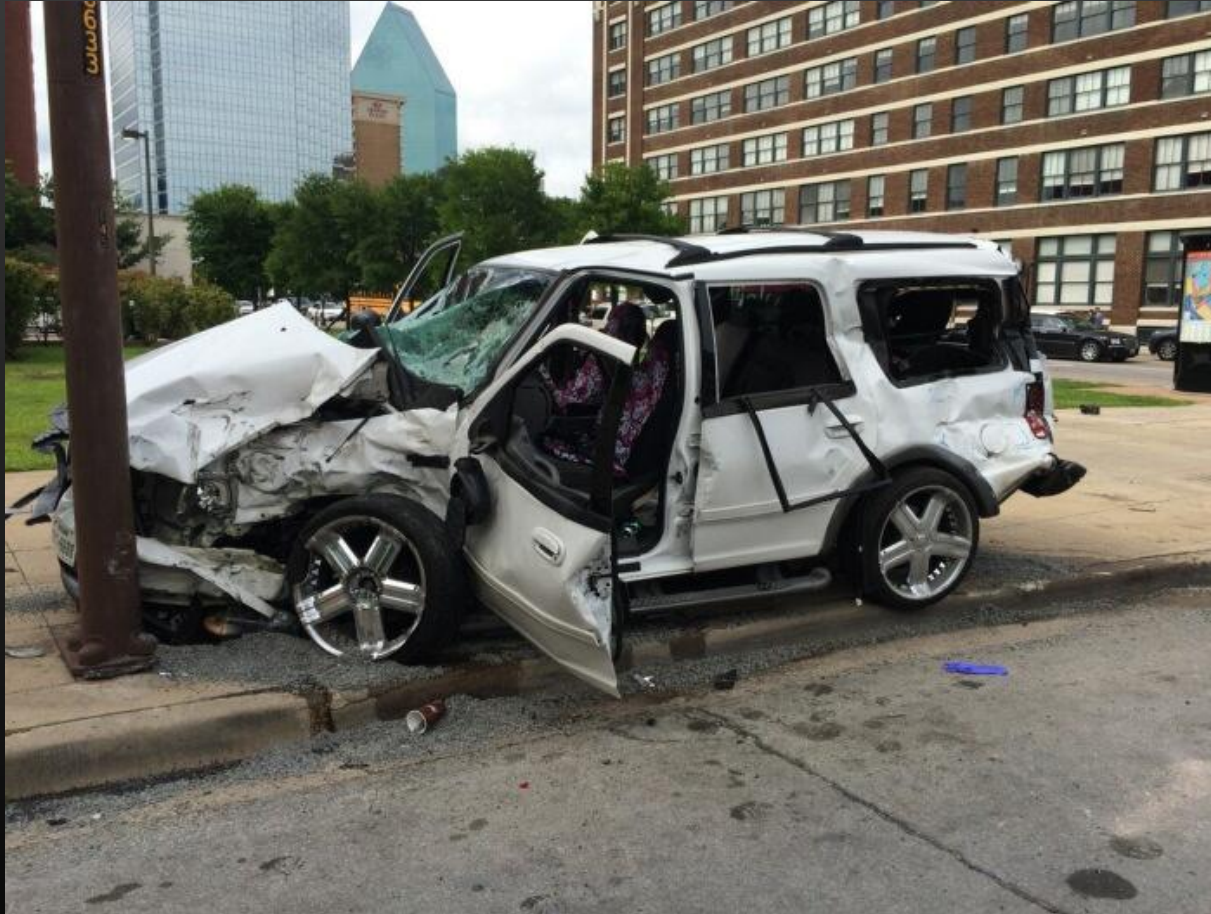
# Station 58

# Promoted to Lieutenant

# First Day as a Lieutenant

# Station 18

# Saving Lives

# Television Star

# Mentoring

# Dallas Fire Rescue GIS



- Dallas Fire-Rescue Geographic Information Services (GIS) supports the Department (DFR) and the City of Dallas (COD) in many ways, mostly behind the scenes. GIS is responsible for various mapping and analysis tasks. GIS compiles data concerning some of COD infrastructures for use in emergency situations. This data includes 911 Trail Markings, Pre-Incident Planning, and Special Event Mapping. We identify ride locations at the State Fire, data on apartments, statics and recreation centers that can be used as evacuation sites. GIS also assists with providing boundaries to determine annual hydrant maintenance and inspection responsibilities for the fire station personnel.

# Importance of GIS In The Fire Service

# Dallas Fire Rescue GIS Team

# Dallas Fire Rescue Internal Document System

# 911 Trail Markers for Routing Emergencies

# Mapping the Trails in Dallas
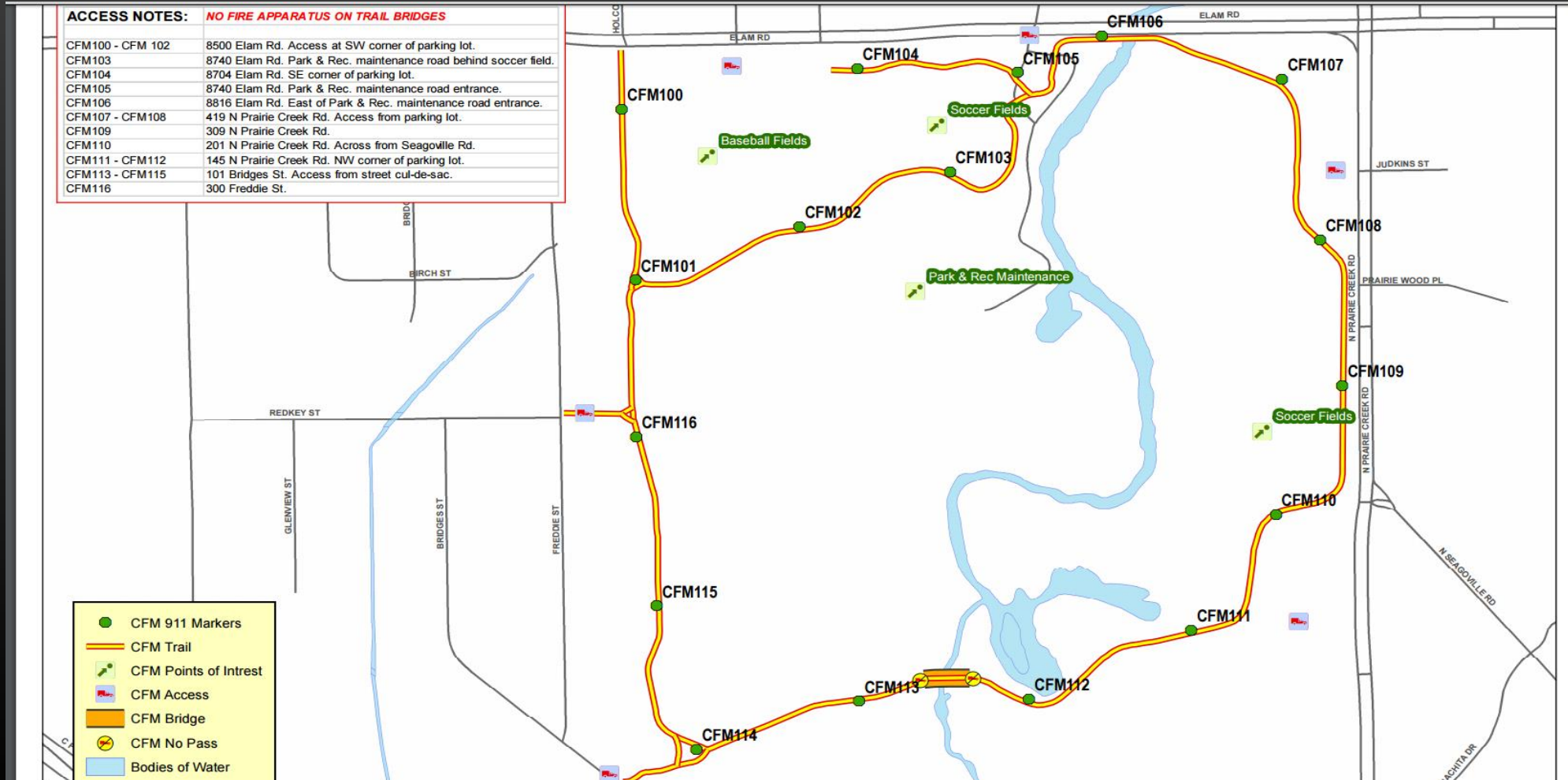
# Pre-Incident Planning

# Planning in the Event of an Emergency
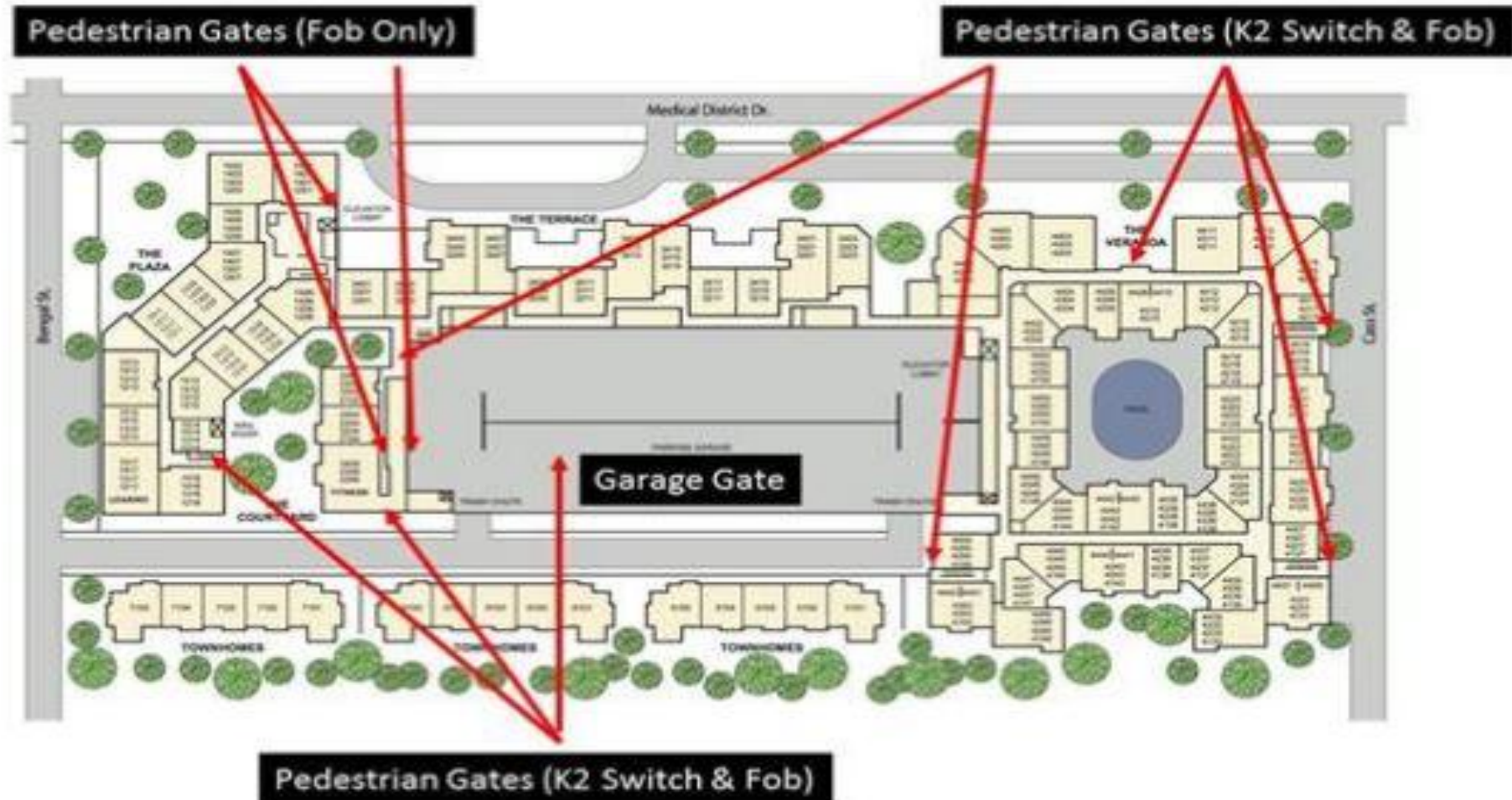
# Special Event Mapping
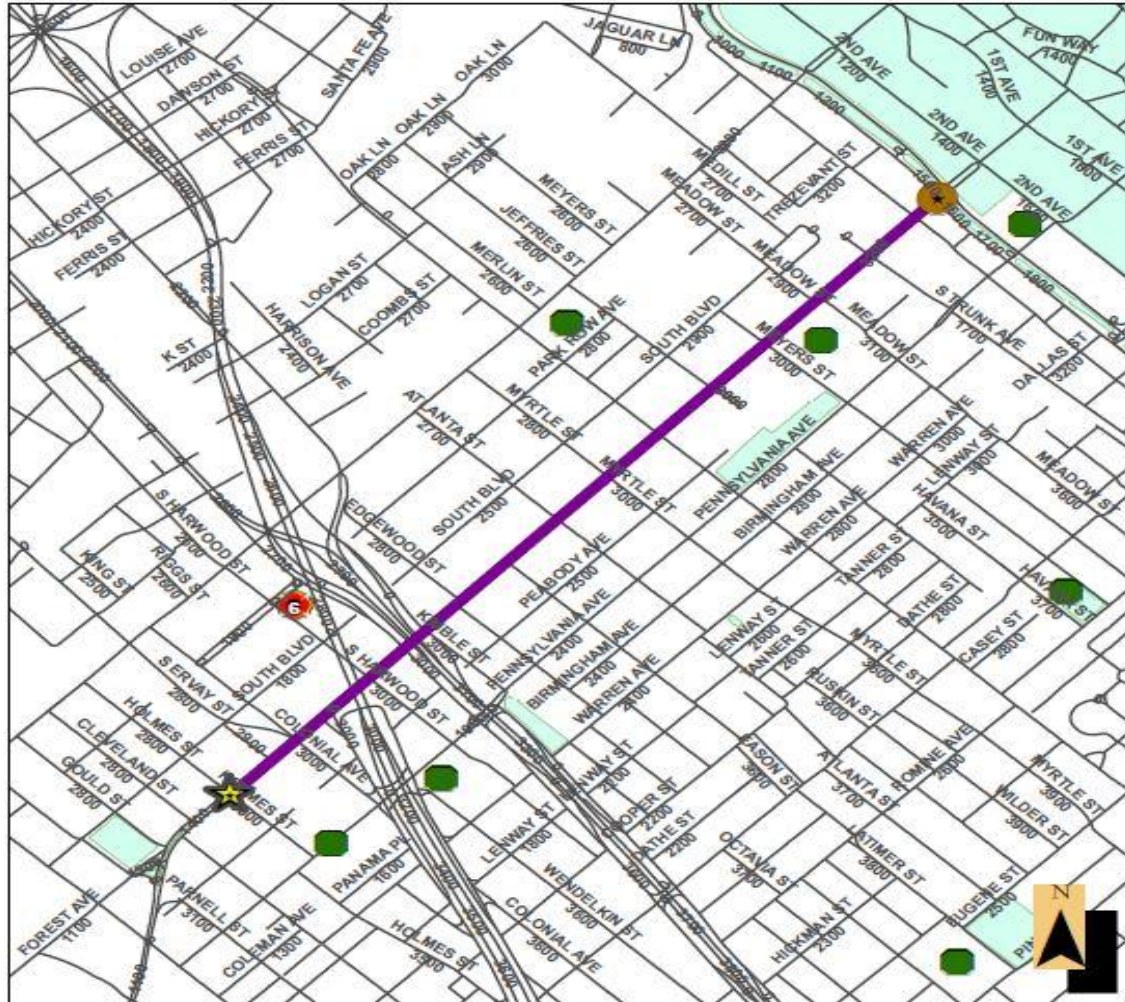
# State Fair of Texas



STATE FAIR of TEXAS - 2016
MIDWAY RIDE LOCATIONS

# Smoke Detector Installations



Smoke Detector Installations
December 2015

# Mobile Community Health Program



Community Medic Patients

5/3/2016

Community Patients

# DFR Station Responsibility Area
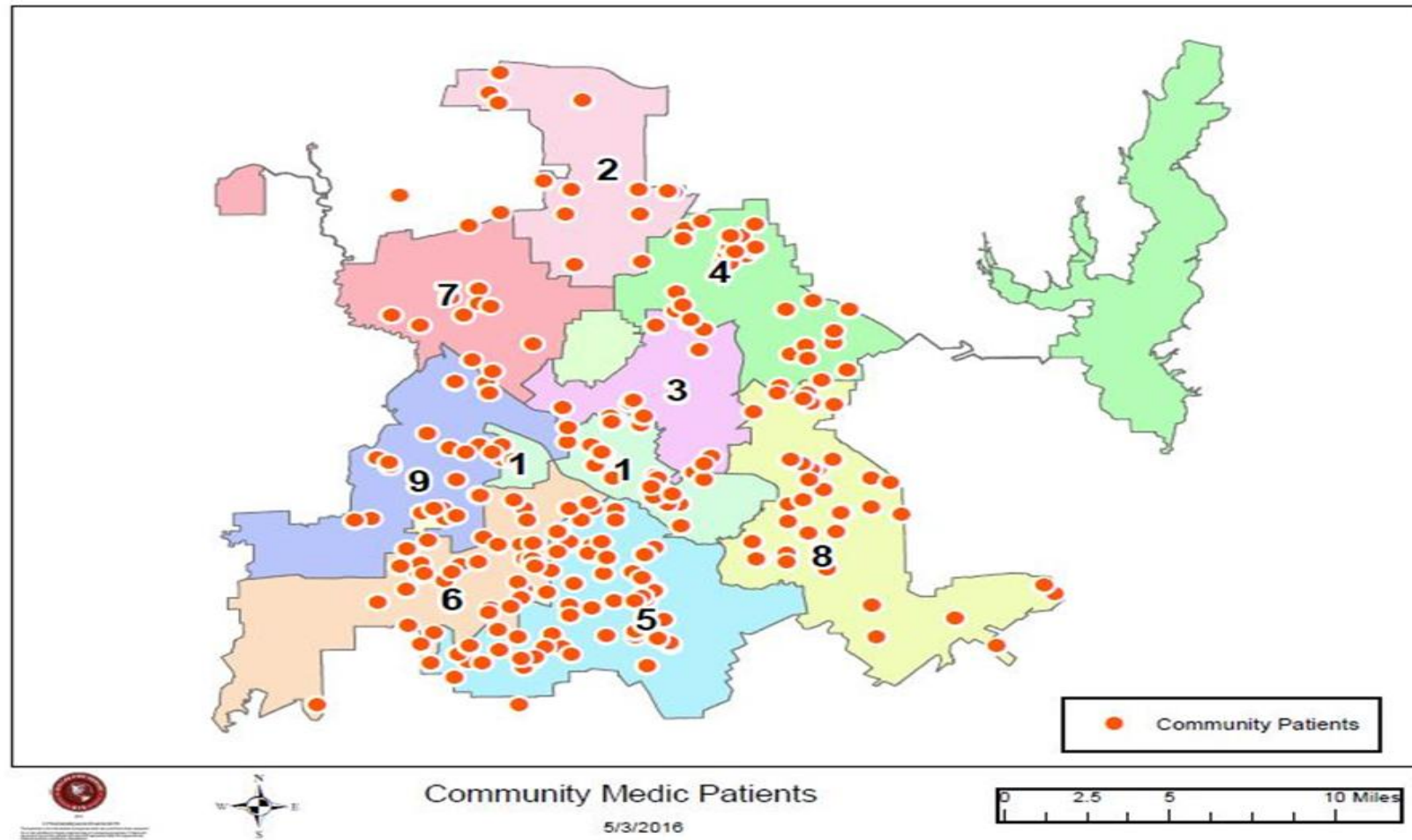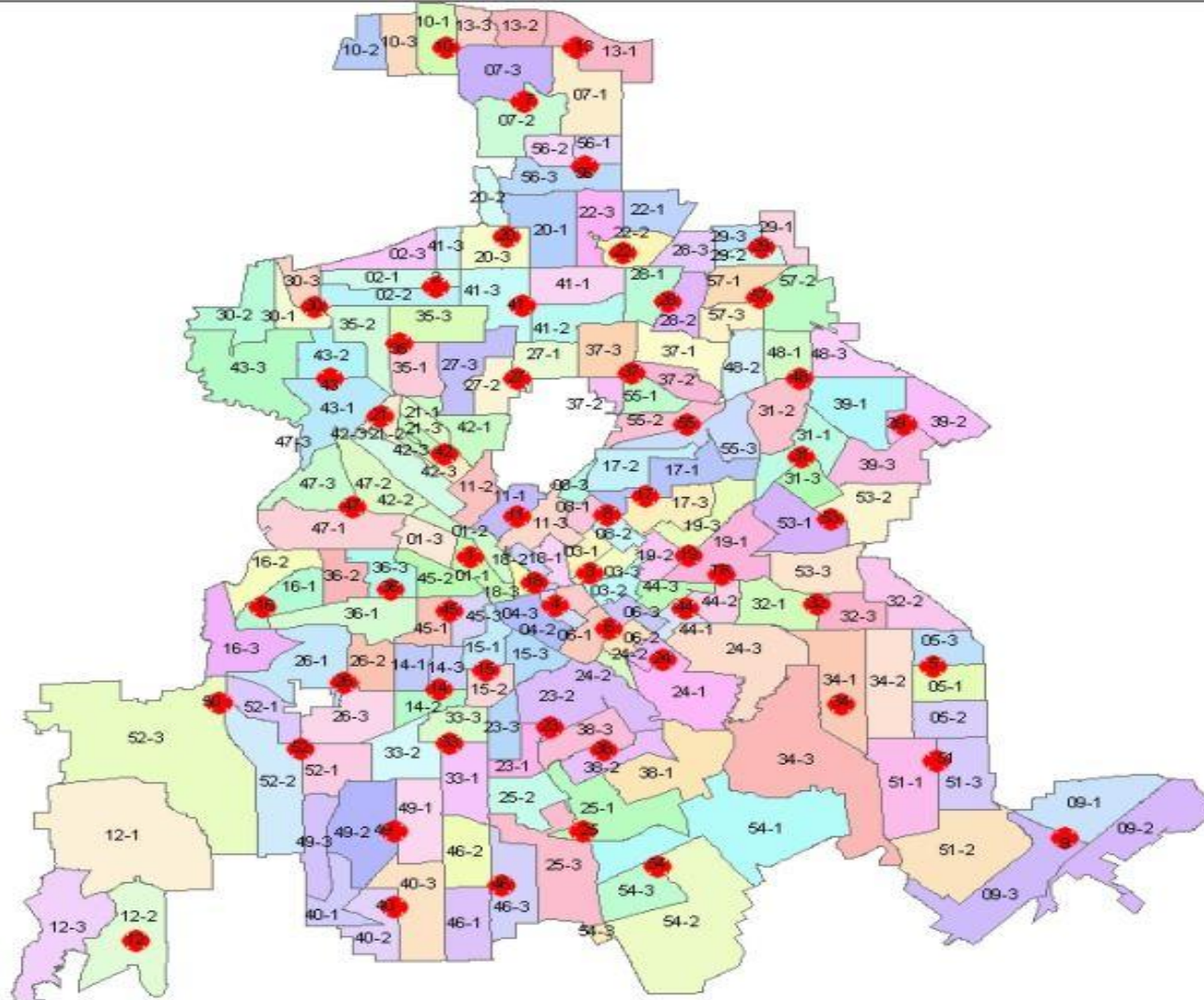
# Division Chief Relocation?

# TABLE TOP EXERCISE



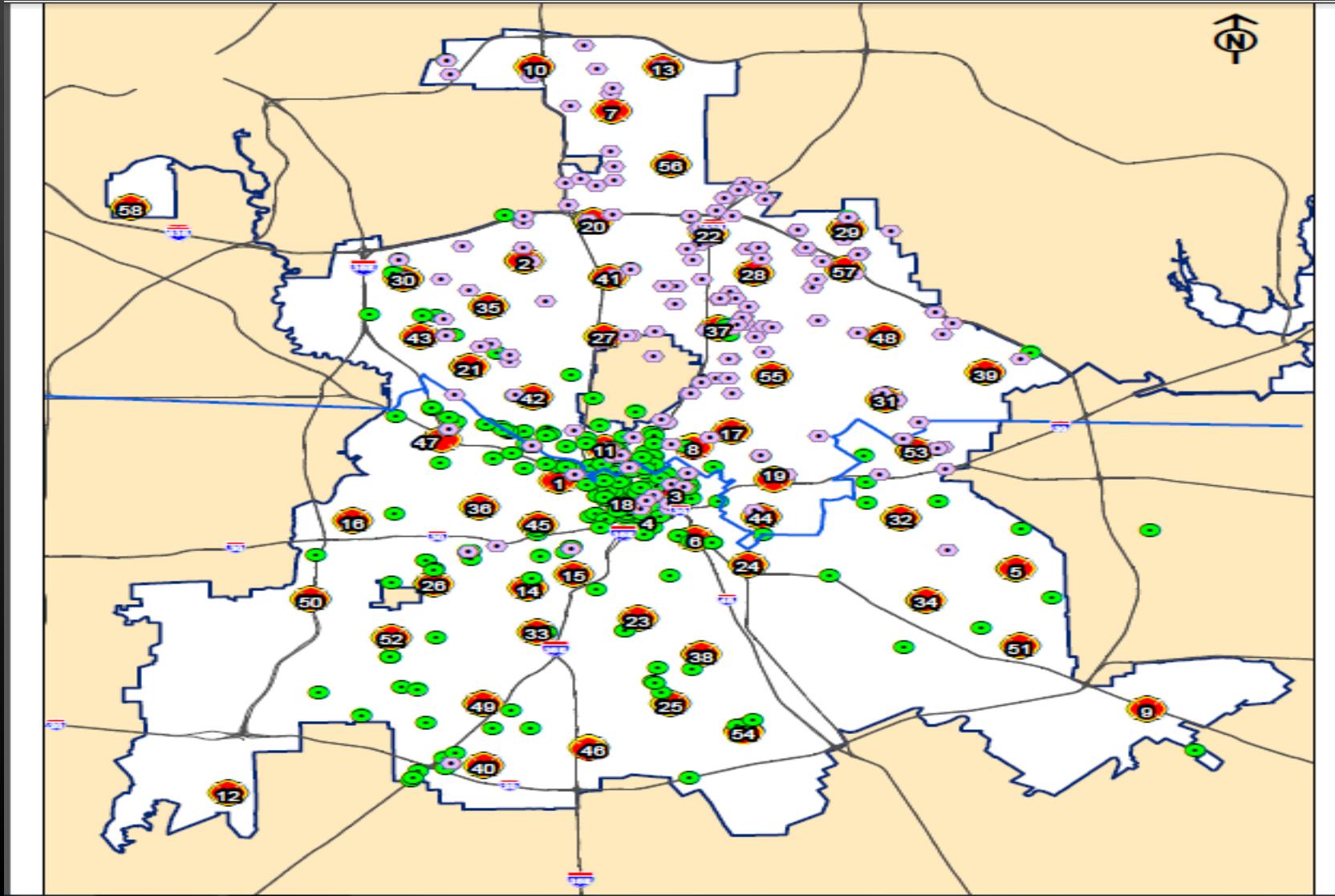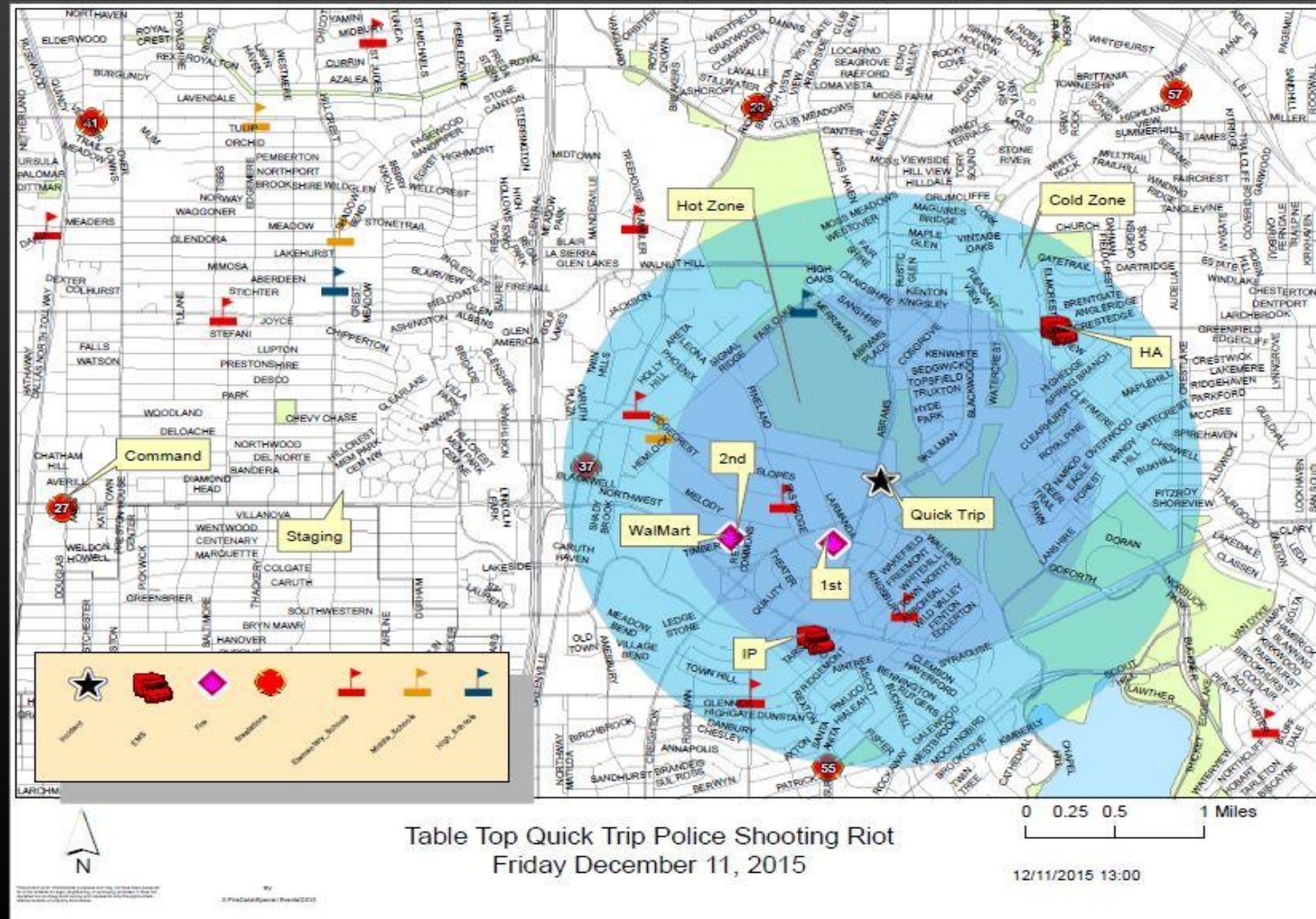Table Top Quick Trip Police Shooting Riot
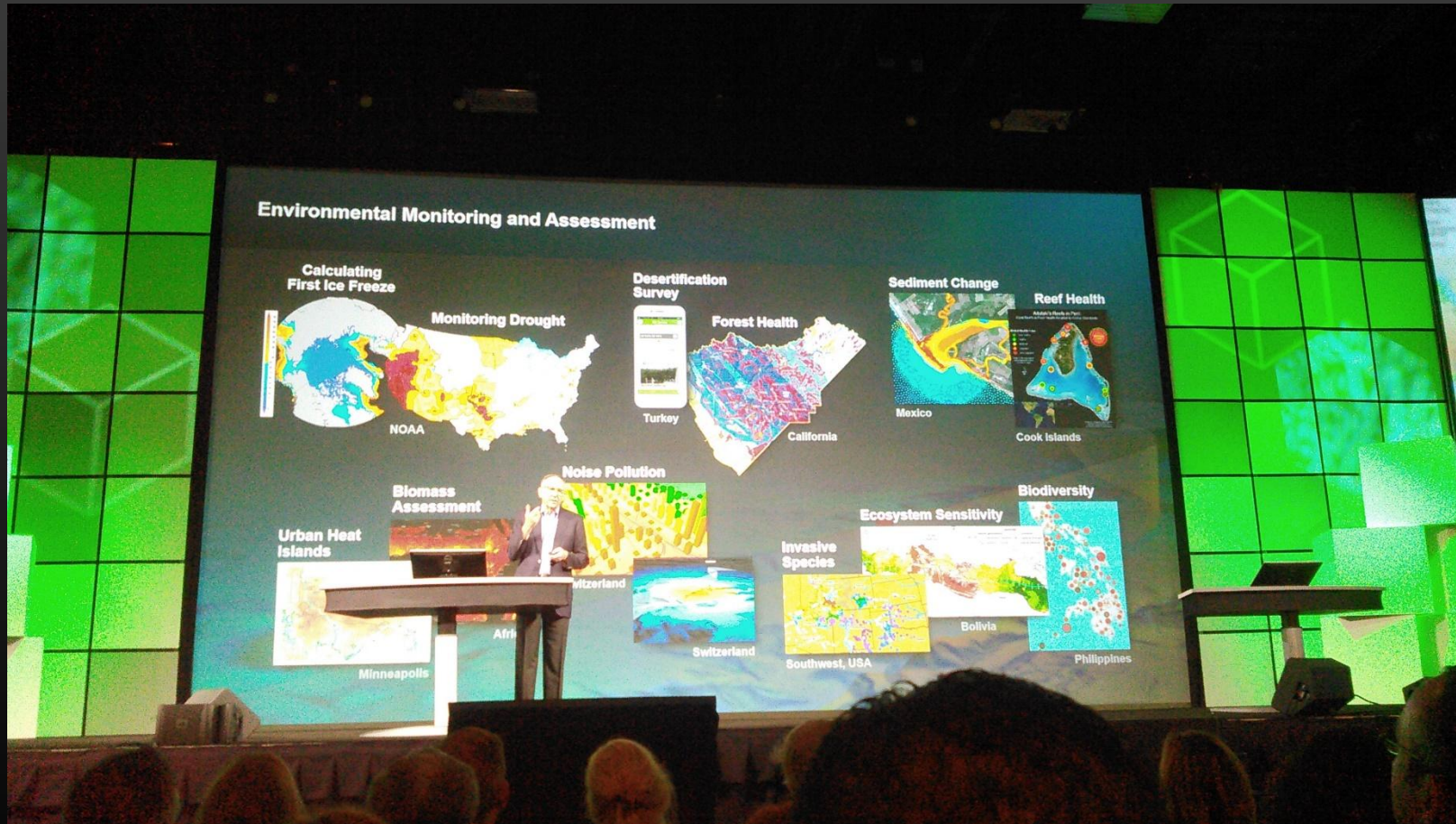Friday December 11, 2015
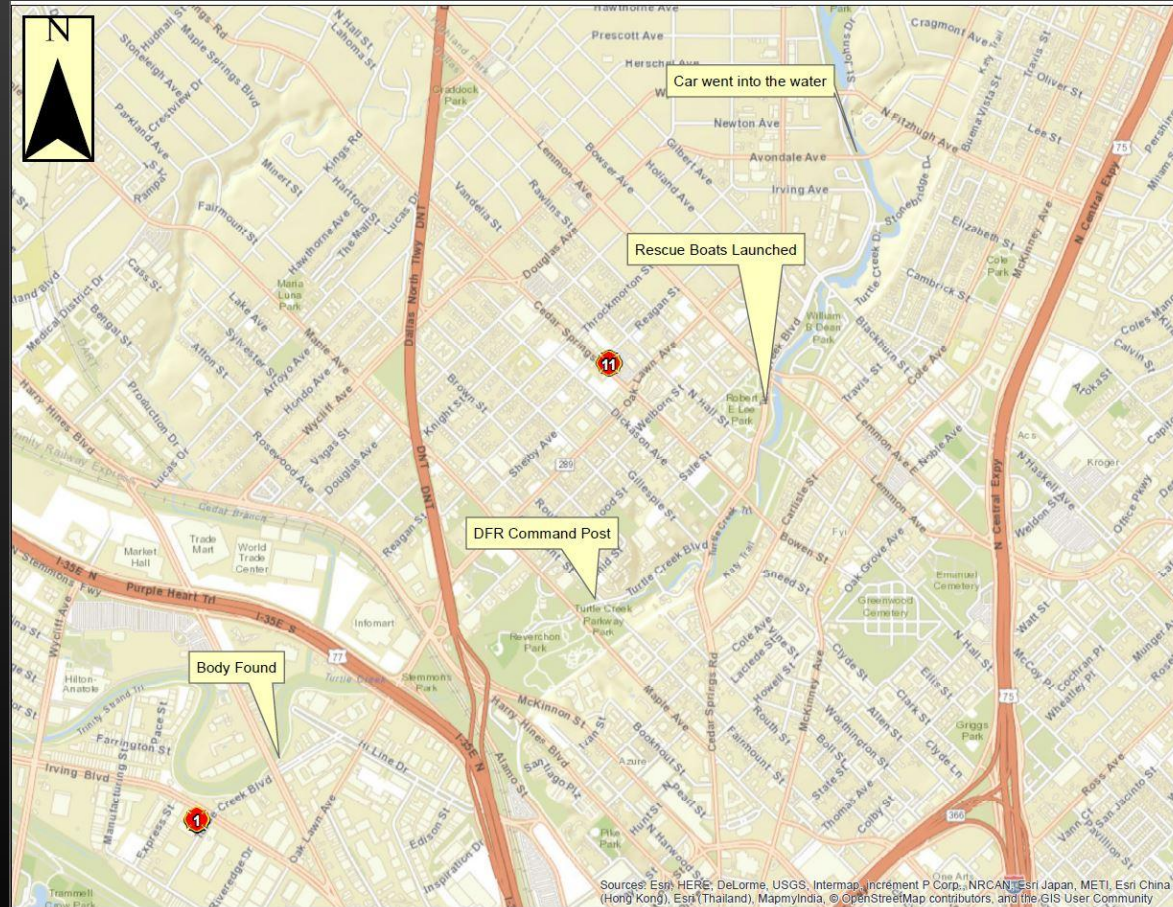
# SCAUG Conference

# SCAUG Conference

# ESRI User Conference

# SMU Police Officer Search

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# Dallas Active Shooter



Police officers take cover as they search for suspects in deadly shooting in downtown Dallas on July 8, 2016.
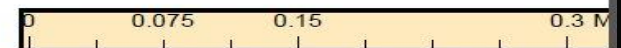
# Dallas Active Shooter



Downtown Dallas Active Shooter
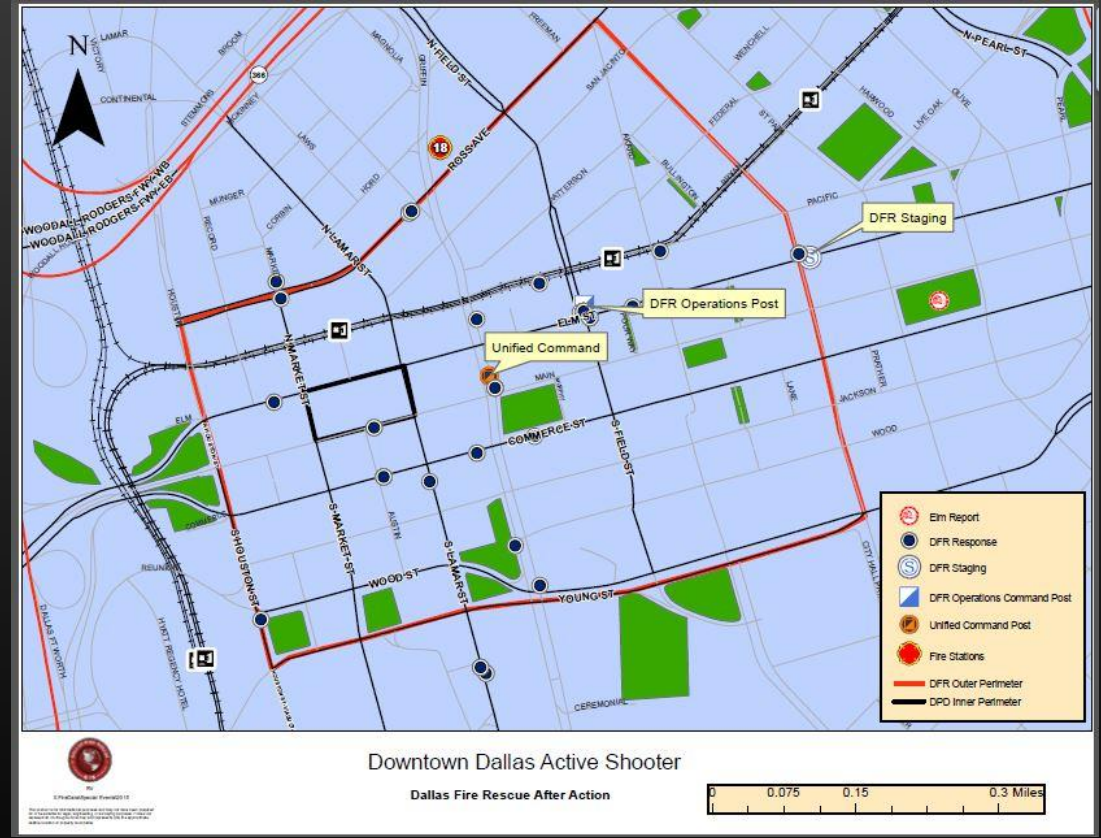
Dallas Fire Rescue After Action

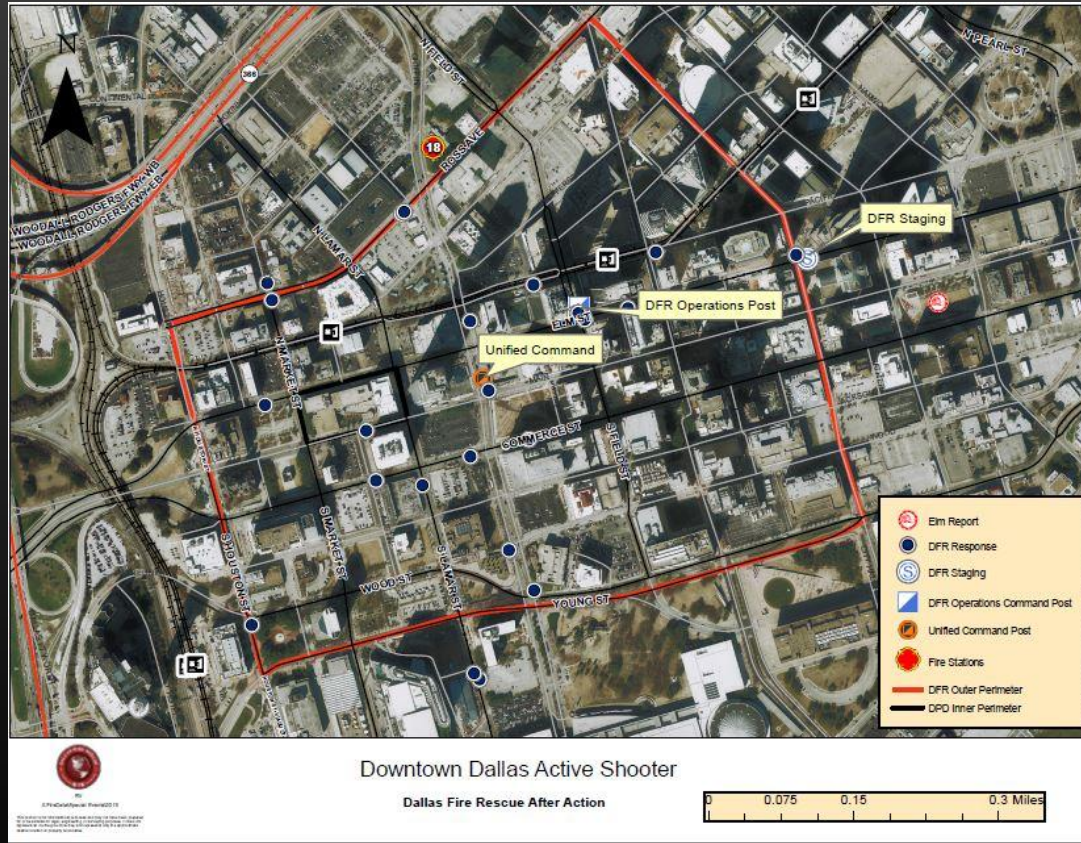# El Centro College

# Dallas Active Shooter
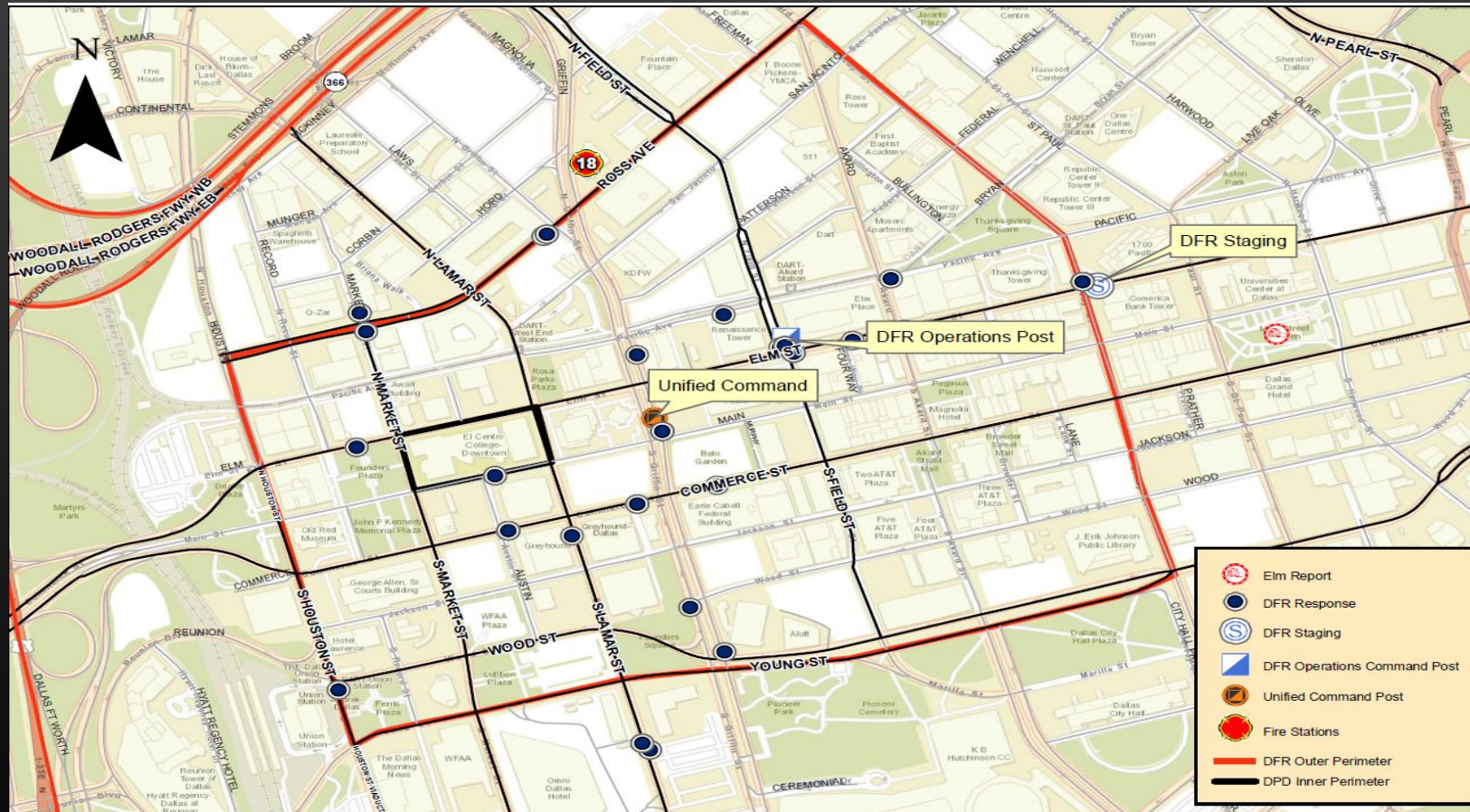


Downtown Dallas Active Shooter

Dallas Fire Rescue After Action
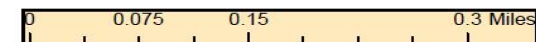
# Dallas Active Shooter

# Dallas Active Shooter

# Dallas Active Shooter

# Our ESRI Representative

# Dallas Fire Rescue GIS

# Big Man doing Big Things in GIS

# Contact Information



**Ronald Vaughn Sr.**
Fire Lieutenant

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Communications & Technology
GIS Section

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