# A MODERN APPROACH TO DISASTER MANAGEMENT

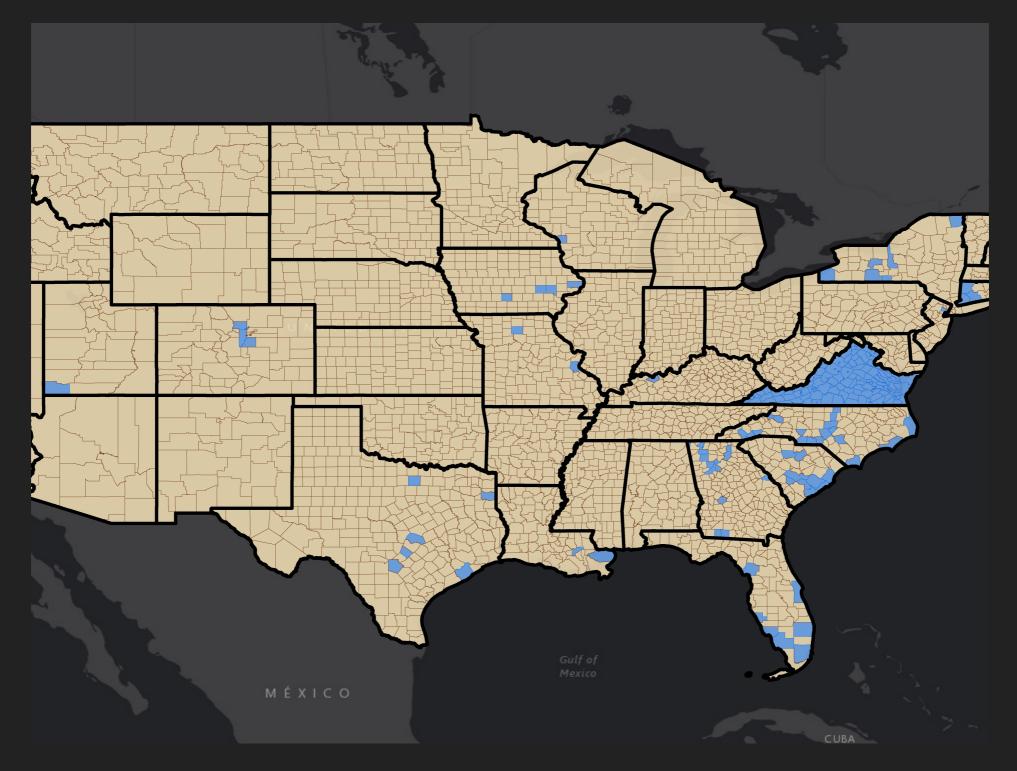
# COOK COUNTY, GA

7.11.2019

Marla Biles Senior Account Manager



# **CRISIS TRACK CUSTOMERS**

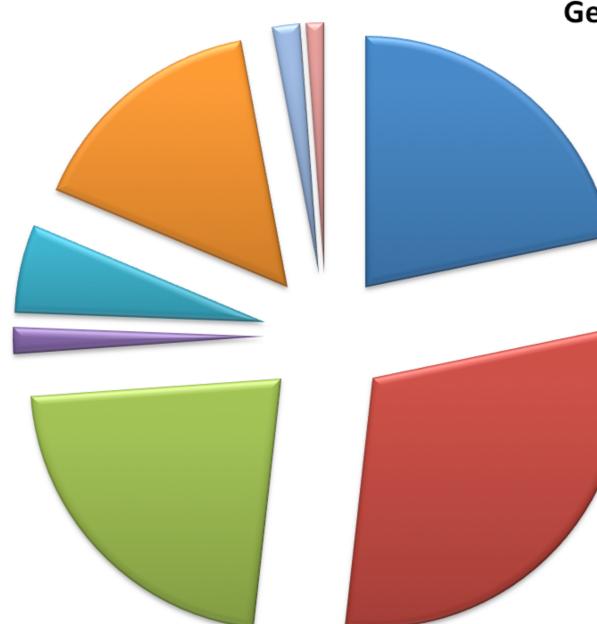


# LOCAL ISSUES WITH DISASTER MANAGEMENT PROCESS

- Great inefficiencies
- Length of time
- FEMA updates
- Meet local needs

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#### PUBLIC ASSISTANCE EXPENSE TRACKING

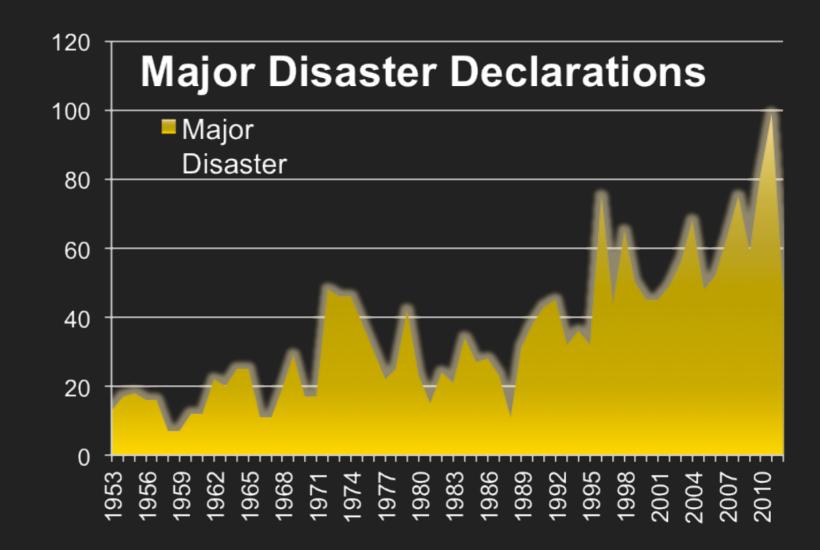


#### FEMA Public Assistance Georgia 2005-2014

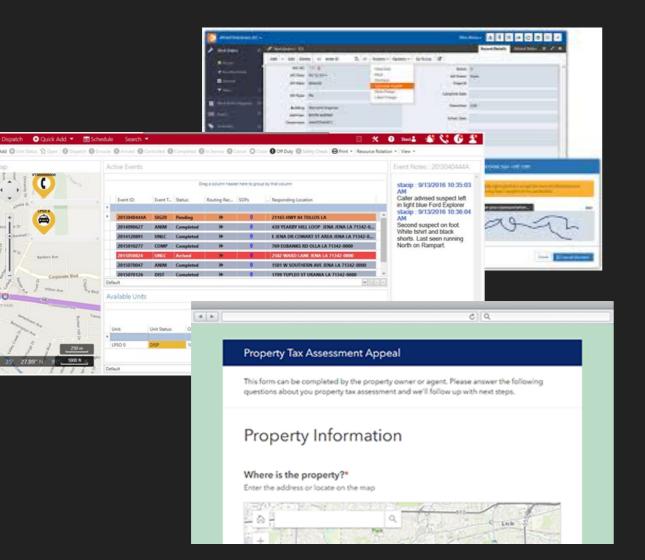
- 🖬 A Debris Removal (21.7%)
- B Protective Measures (30.0%)
- C Roads & Bridges (22.1%)
- D Water Control Facilities (1.7%)
- E Public Buildings (5.7%)
- F Public Utilities (15.7%)
- G Recreational or Other (1.8%)
- Z State Management (1.2%)

# **INCREASE IN DOCUMENTATION REQUIREMENTS**

- Increase in details
- More photos
- Faster reporting



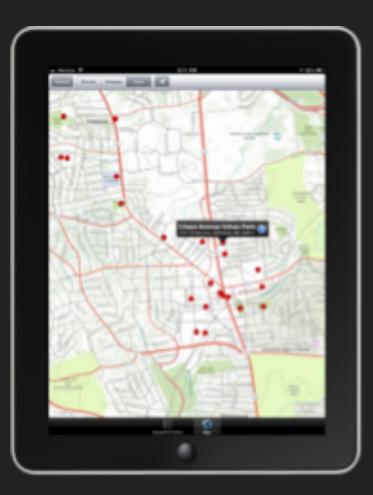
## LOCAL DATA IN OTHER SYSTEMS



- Tax Assessment GIS
- Code enforcement
- Roads/Public Works Work Order Management
- Finance Employees/Assets
- E911 Address Points

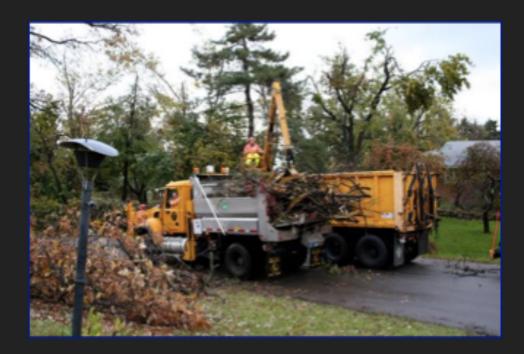
# LEVERAGE EXISTING TECHNOLOGY ASSETS

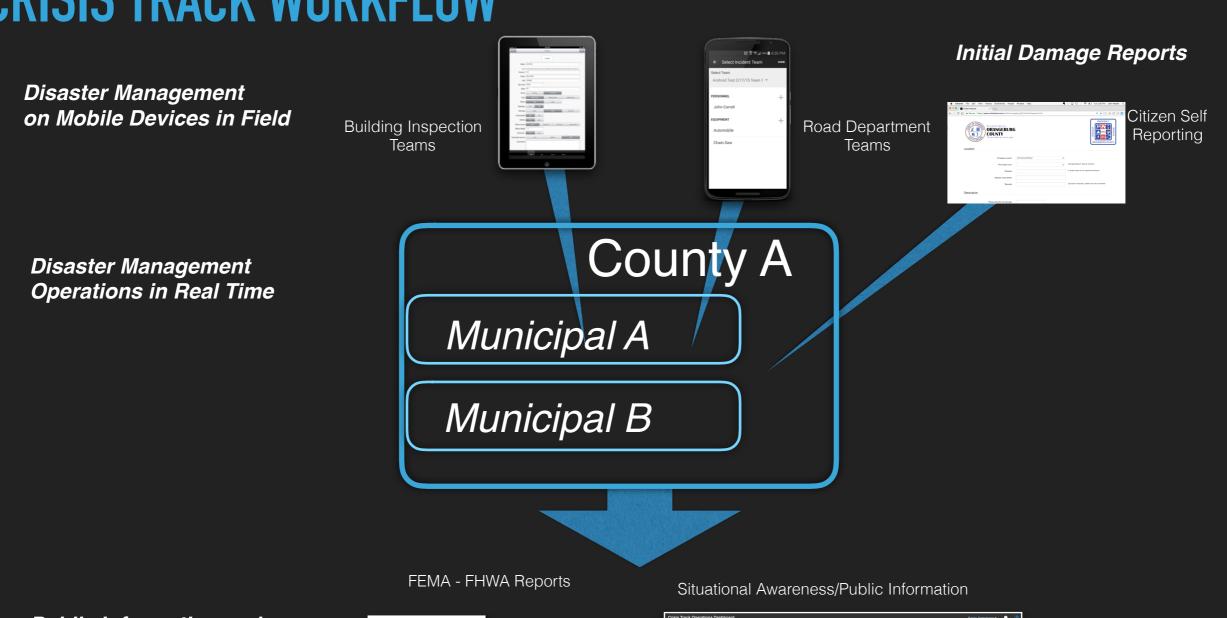
- Local data
- Mobile
- Interfaces with other systems
- Cloud-based



### LOCAL DISASTER MANAGEMENT SOFTWARE

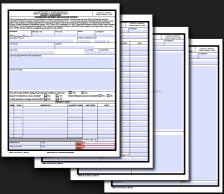
- Reduce collection effort for federal and local needs
- Increase accuracy
- Get data to the State OEM faster





#### **CRISIS TRACK WORKFLOW**

Public Information and Reports





## **CRISIS TRACK PRODUCT TIERS**

Features	Damage Assessment	Disaster Management	All-Hazards Emergency Management
Damage Assessment Cost Calculations	Х	X	Х
Initial Damage Reporting	Х	X	Х
Road Closure Tracking	Х	X	Х
Real-Time Location Tracking	Х	Х	Х
GIS/Tax Data Integration	X	X	X
FEMA Damage Assessment Form Outputs	X	X	X
Force Labor and Equipment Tracking		X	X
Debris Monitoring		X	X
Emergency Management Request Tracking		X	X
FEMA Project Worksheets		X	X
Citizen Self Reporting Website		X	Х
Municipal Team Workflow		Х	Х
ArcGIS Online Interface		X	Х
Incident Resource Management			Х
Incident Action Plan Reporting			Х
Search and Rescue Operations Management			X
Situation Reporting			X
Evacuations and Reentry Management			X

## 2019 PRICING

Population	Damage Assessment	Disaster Management	All-Haz Emergency Management
Annual Subscription for population 0-20k	\$1,470	\$1,890	\$2,520
One time Setup and Onsite Training	\$3,200	\$3,200	\$3,200
First Year Cost	\$4,670	\$5,090	\$5,720

#### **CRISIS TRACK ADVANTAGES**

- Easy to use: 10 minutes of training
- Use local data to pre-fill FEMA forms for Recovery Dollars
- Track issues for local processes: road closures, building permitting
- Include other applicants such as municipalities and local authorities
- Streamline force labor and equipment tracking
- Share data: Web EOC and Esri integration

# IMPLEMENTATION

#### Resource Management

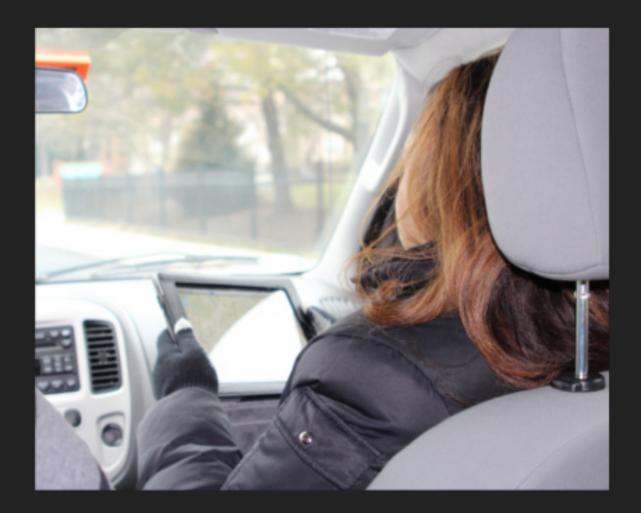
- Force Labor Lists
- Equipment Inventories

#### Infrastructure Inventory

- Address Points and Parcels
- Bridge and Culvert Inventory
- Disaster Management Planning
  - Setup Initial Users
  - Implement Citizen Reporting Website
  - Conduct Onsite Training

# **OPERATIONS AND MAINTENANCE**

- Annual data refresh
- Automatic updates (no cost)
- System monitoring
- Technical support (no cost)



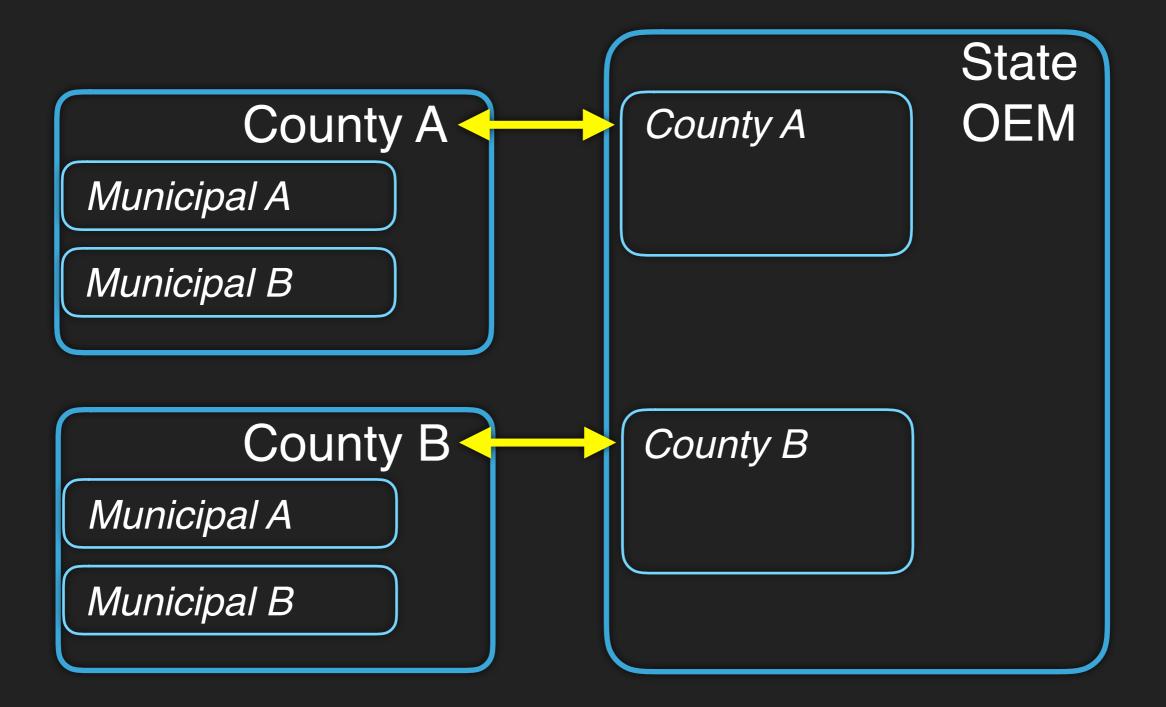
#### **QUESTIONS?**

Marla Biles

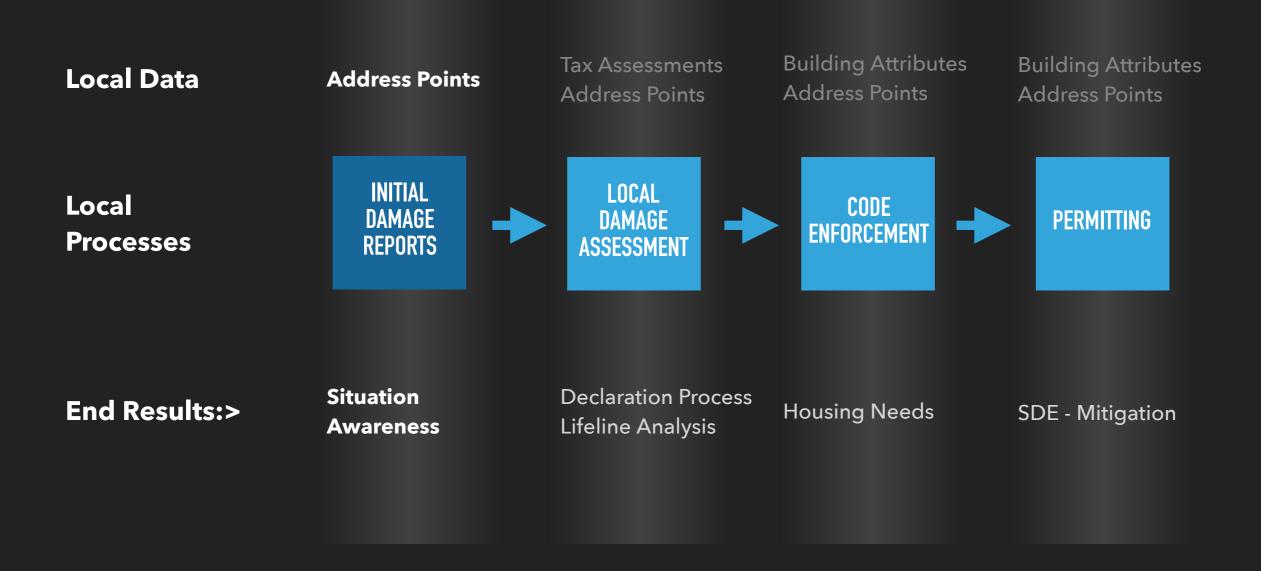
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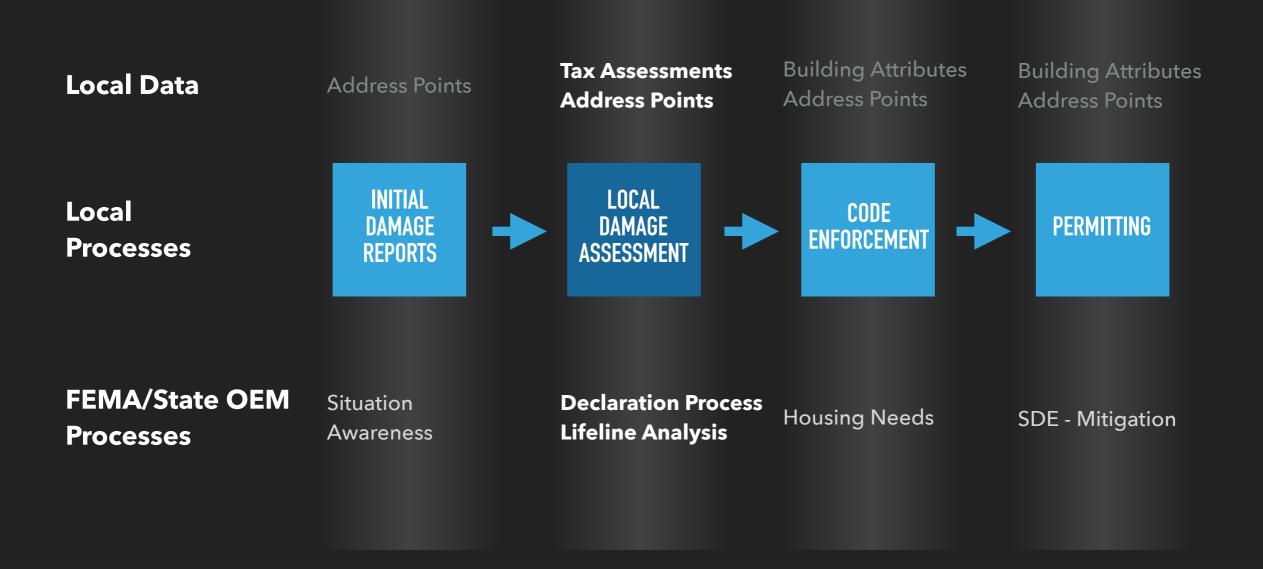
### SCENARIO: STATE OEM (STATE OF VIRGINIA)



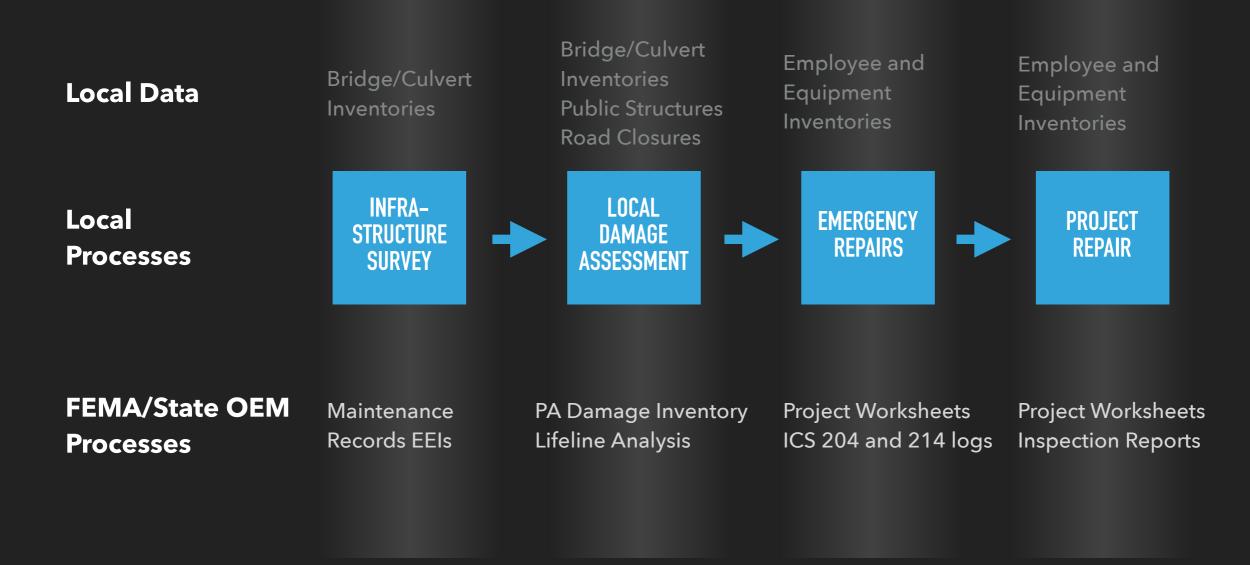
# **SCENARIO: LOCAL BUILDING OFFICIAL**



# **SCENARIO: LOCAL BUILDING OFFICIAL**



# **SCENARIO: LOCAL PUBLIC WORKS**



# SCENARIO: STATE OEM (STATE OF VIRGINIA)

