

Special Event Operations

ArcGIS Solution

Frisco Variant

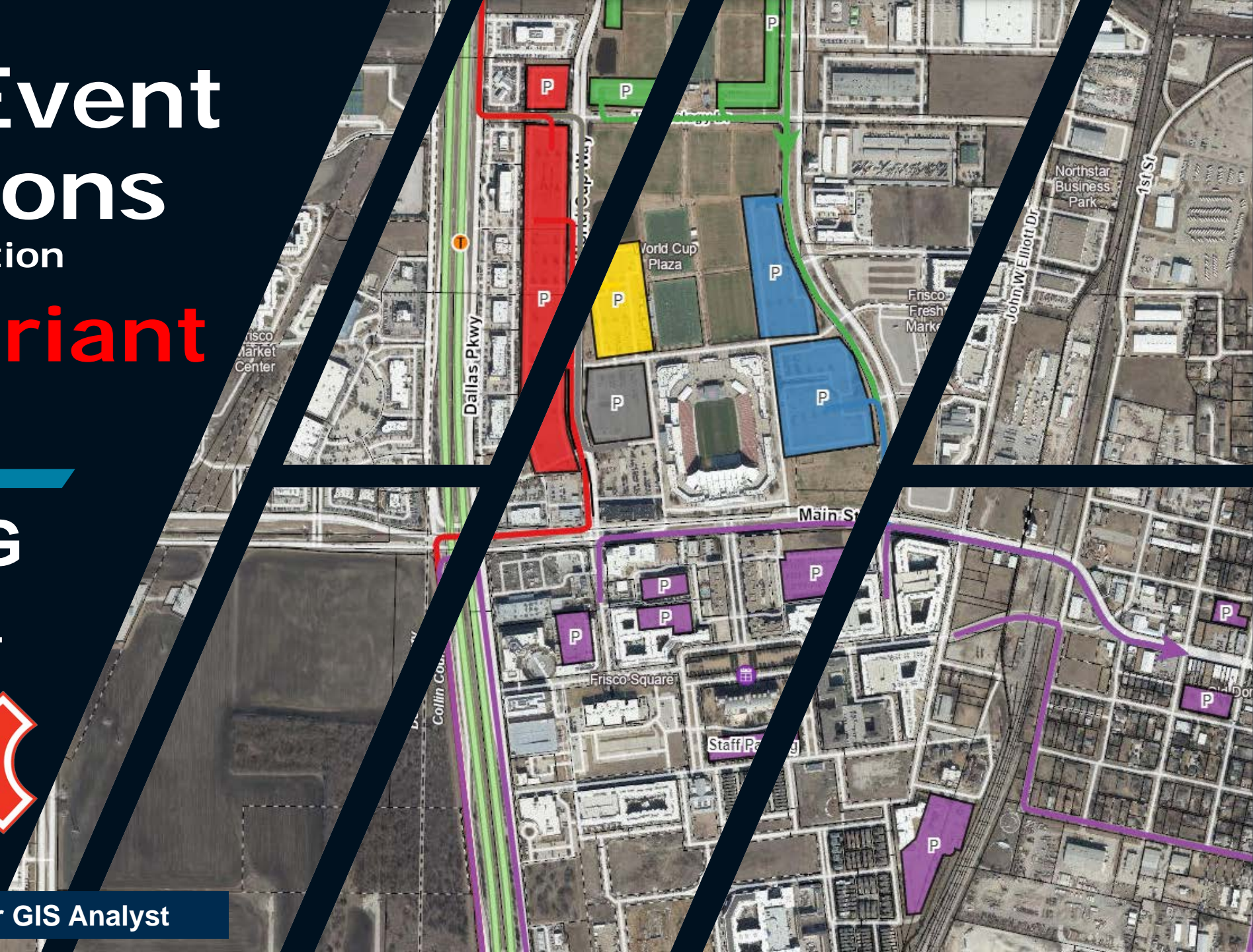


SCAUG

April 2024



Chris Shuma, GISP - Senior GIS Analyst





OVERVIEW

- BACKGROUND
- DEVELOPMENT
- CHALLENGES
- FUTURE

This presentation will review the needs of the City of Frisco, dive into the Special Event Operations ArcGIS Solution, and show the steps taken to transform the solution for the purposes of the City of Frisco.



BACKGROUND

Me 😊

City of Frisco
BIS Consultants

University of Texas at Dallas
Valparaiso University



FRISCO FRISCO HIKE & BIKE TRAILS



FRISCO TRAFFIC CLOSURES



FRISCO COYOTE/BOBCAT SIGHTING REPORT



FRISCO LOST PET REPORT



BACKGROUND

- **WHO**

- Frisco Engineering, IT, Police, Fire, Parks, Visit Frisco, Event Organizers, more?!

- **WHAT**

- Need to replace My Maps product and better manage/communicate event information

- **WHEN**

- Need a suitable replacement of My Maps by the ACM Awards in May

- **WHERE**

- Large-scale events like Academy Of Country Music Awards, Frisco Freedom Fest, Merry Main Street

- **WHY**

- Security – public could find out the location of officers and other sensitive information
- Better Product! Collaboration! Eventual real-time awareness and response?



DEVELOPMENT

- ArcGIS Solution
- Apps
 - Survey123 Form
 - Crowdsourcing Manager App
 - Event Editor Apps - WAB
 - Event Viewer Apps – WAB
 - Copy Previous Maps Notebook
- Schema

DEVELOPMENT



Google My Maps

1 - Map ACM Awards

270 views
Published on October 20, 2023
[SHARE](#)

- Inbound - Closures**
 - Gridiron & Cowboys - 2 Type III
 - Cowboys & Ave of Champ - (2) Type III
 - Ave of Champs & Blue Parking - 10 Cones
 - Ave of Champ & Winning - 6 Cones
 - ... 27 more
- Inbound - Closures as Lots Fill**
 - Gridiron & Warren - 10 Cones
 - Ave of Champ & Warren - 10 Cones
 - Gaylord & A.2 Driveway - 15 Cones
 - Gaylord & Warren - 10 Cones
 - ... 4 more
- Inbound - PD Outside Traffic**
 - Officer 1
 - Officer 2
 - Officer 3
 - Officer 4
 - ... 17 more
- Outbound - Closures**

Map data © 2024 Google, Imagery © 2024 Airbus, CNIG, Airbus Maxar Technologies, U.S. Geological Survey, USDA/ITPA/CDC, Terms 500 Ft

DEVELOPMENT



ArcGIS Solutions (arcgis.com/apps/solutions)

The screenshot shows the ArcGIS Solutions website interface. At the top, there is a navigation bar with the Esri logo and links for Products, Solutions, Support & Services, Stories, and About. A search icon and a Sign In link are also present. Below the navigation bar, there is a secondary navigation bar with links for Overview, Resources, and View Gallery. The main content area features a large purple banner with the text "ArcGIS Solutions" and "Industry-specific configurations for ArcGIS". To the right of the banner is a cluster of icons representing various industries and services. Below the banner is a search bar labeled "Search Solutions" and a filter button labeled "Filter". A sidebar on the left contains a "Filters" section with a toggle for "New Release" and a list of industries: Architecture, Engineering, and Construction (AEC); Business; Conservation; Defense; Facilities; Health and Human Services; Pipeline; Public Safety; State and Local Government; and Telecommunications. A red circle highlights the text "Solutions: 141" in the sidebar. The main content area displays a grid of four solution cards, each with a representative image and a brief description:

- Crime Analysis**: Crime Analysis can be used to enhance public safety, identify emerging trends, organize law enforcement operations, and plan crime-prevention strategies.
- Citizen Problem Reporter**: Citizen Problem Reporter can be used to solicit non-emergency requests (for example, blight, graffiti, trash, potholes, clogged drains, and flooding) from the general public.
- Water Distribution Data Management**: Water Distribution Data Management can be used to map water distribution assets, edit data, view system maps in the field and office, view asset reports, and collaborate with map notes.
- Damage Assessment**: Damage Assessment can be used to conduct initial damage assessments after a natural disaster or catastrophic incident.

DEVELOPMENT

ArcGIS Solutions



Special Event Operations

Deploy now →

Share

[Learn more about Special Event Operations](#)



Special Event Operations

- Streamline special event planning
- Improve public safety operations



Overview

Special Event Operations can be used to develop safety plans and monitor public safety operations during a special event.

It provides a way to collaborate in a geographic context to simplify the safety planning and operations workflows. Event information from the incident action plan can be mapped and monitored along with live event information such as weather, traffic, field reports, health and safety incidents. Special Event Operations is typically implemented by public

Available for

ArcGIS Online
ArcGIS Enterprise

Developed for

Business
Public Safety
State and Local Government

Close

DEVELOPMENT

ArcGIS Solutions



Streamline special event planning

The screenshot shows a 'Special Event Form' with the following sections:

- Event Information:** Includes instructions: 'Use this form to enter an event and begin the event planning process. Once entered, you can use the Special Event Manager application to create site and safety planning maps.'
- Enter the name of the special event*:** A text input field containing 'Hesperia Fun Run 5K'.
- Select an event type*:** A dropdown menu with 'Competition or Race' selected.
- Description of Event*:** A text area containing: 'To celebrate the start of the spring racing season, the Hesperia Running Club holds a 5K run/race through the streets of downtown Hesperia on March 10th. The event includes an after-party with live bands, food, and vendors.'

An ArcGIS Survey123 form used by public safety event planners to catalog community or special events.



Streamline special event planning

The screenshot shows the 'Special Event Manager' interface with a table of events and a map view.

Event Name	Event Type	Event Start	Site Map Complete	Operations Map Complete
Memorial Day Parade 2021	Parade	05/20/2021 9:00 am	No	No
Weekend Free Art Fair	Free Art	06/19/2020 12:00 pm	Yes	No
Nipper Nights	Music or Concert	04/18/2021 8:30 pm	Yes	No
S.L.O.W. 5K Run	Competition or Race	05/24/2021 10:15 pm	No	No
Hesperia Ale Fest	Fair or Festival	08/07/2021 8:15 pm	Yes	No
Memorial Day Parade	Parade	05/17/2021 12:00 pm	Yes	No
St. Patrick's Day Parade	Parade	03/14/2021 11:15 pm	Yes	Yes

Below the table, there is a 'Related Documents' section with a map view showing the event location. The map includes details for 'Event Type: Free Art', 'Open to Public: Yes', 'Estimated Attendance: 2,300', and 'Status: Planning Phase'.

A Crowdsource Manager app used by public safety event planners to manage the status of special events during the review process.

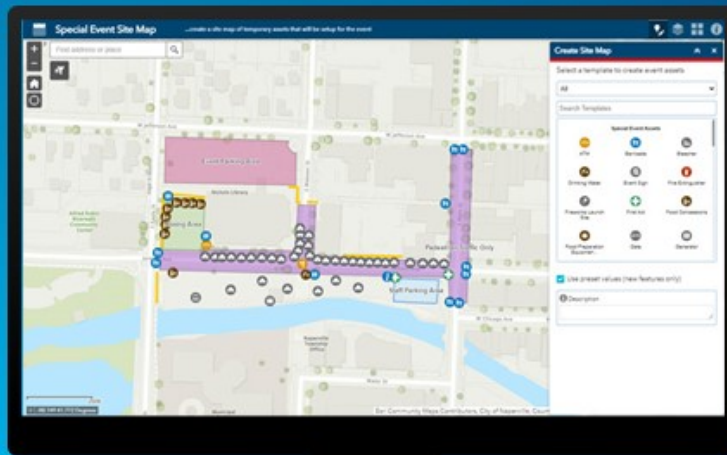


DEVELOPMENT

ArcGIS Solutions



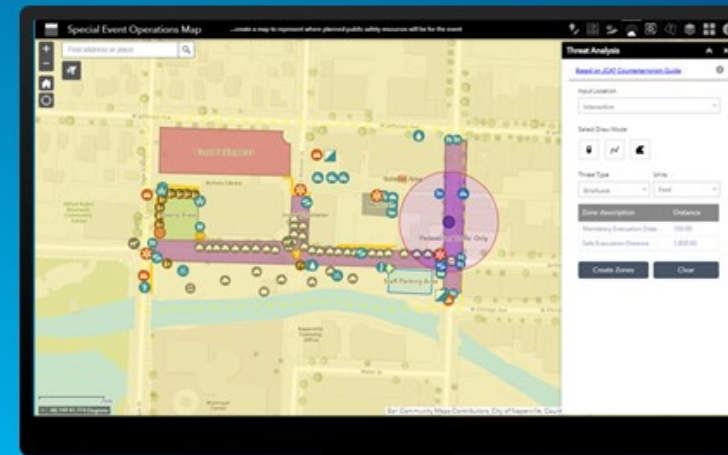
Streamline special event planning



An ArcGIS Web AppBuilder app used by event coordinators to create site maps (temporary structures, routes, and so on) that accompany permit apps.



Streamline special event planning



An ArcGIS Web AppBuilder app used by public safety event planners to create operations maps of public safety resources and conduct a high-level threat analysis.

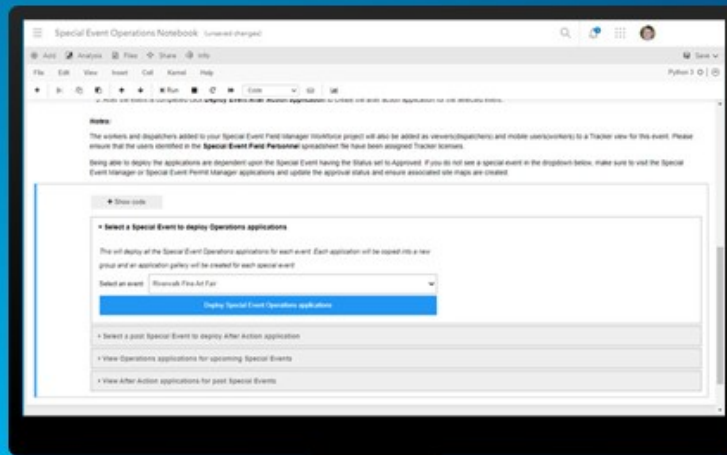


DEVELOPMENT

ArcGIS Solutions

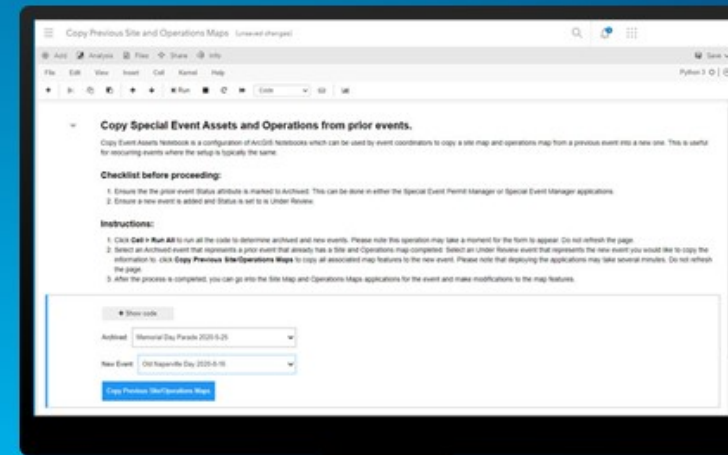


Improve public safety operations



An ArcGIS Notebooks app used by public safety event planners to create unique public safety operations maps and apps for each event.

Improve public safety operations



An ArcGIS Notebooks app used by event coordinators and public safety event planners to create a copy of site and operations map.

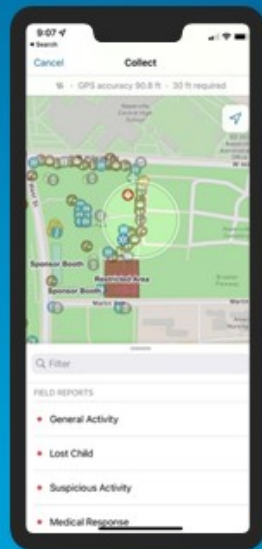


DEVELOPMENT

ArcGIS Solutions

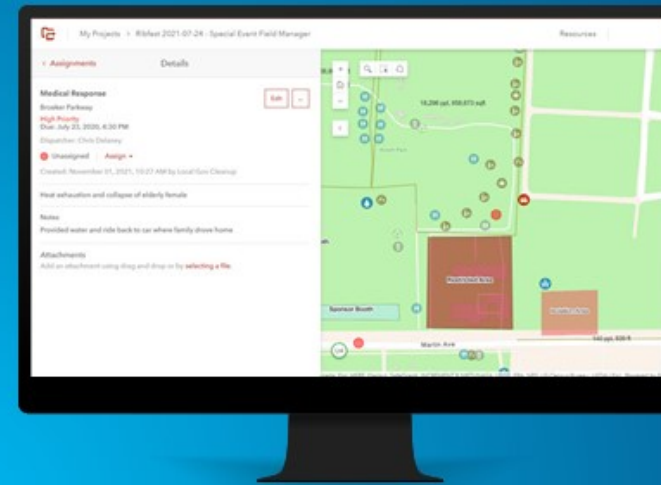


Improve public safety operations



A Field Maps map used by staff to submit field reports during the event.

Improve public safety operations



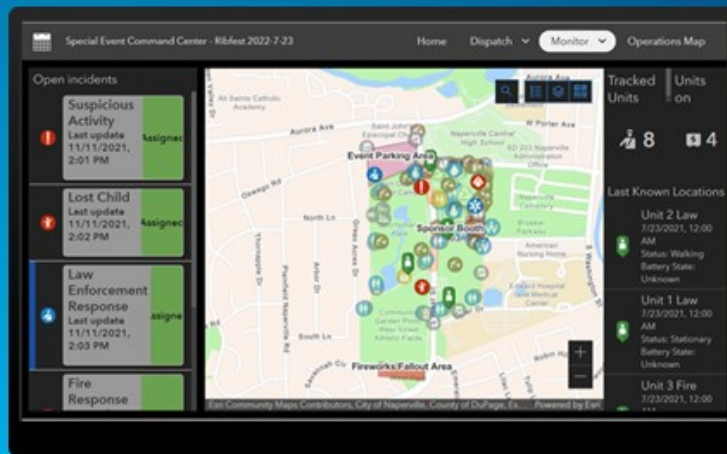
An ArcGIS Workforce project used by public safety event dispatchers to manage field reports and event assignments.

DEVELOPMENT

ArcGIS Solutions

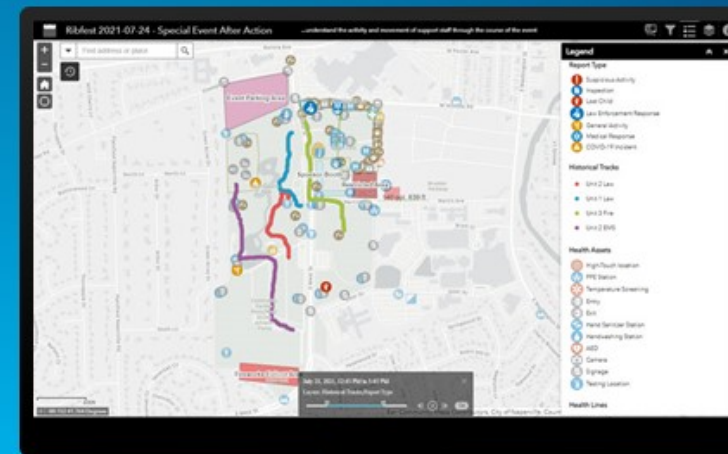


Improve public safety operations



An ArcGIS Experience Builder app used by public safety command staff to monitor operations, weather, traffic, and health and safety issues during a special event.

Improve public safety operations



An ArcGIS Web AppBuilder app used by public safety command staff to visualize historical event operations and support event after-action reports.

DEVELOPMENT

ArcGIS Solutions



Home Gallery Map Scene Notebook Groups Content Organization

Chris Shuma Frisco_Chris

Content My content My favorites My groups My organization Living Atlas

New item Create app Search Special Event Operations

Selected (0) 1-51 of 51 Table Date modified

Title	Modified		
<input type="checkbox"/> Special Event Operations	Solution	Mar 7, 2024	View details ...
<input type="checkbox"/> Special Event After Action	Web Mapping Application	Mar 7, 2024	View details ...
<input type="checkbox"/> Special Event Operations Notebook	Notebook	Mar 7, 2024	View details ...
<input type="checkbox"/> Special Event Field Manager	Feature Layer (hosted)	Mar 7, 2024	View details ...
<input type="checkbox"/> Special Event Manager	Web Mapping Application	Mar 7, 2024	View details ...
<input type="checkbox"/> Special Event Manager	Web Map	Mar 7, 2024	View details ...
<input type="checkbox"/> Special Event Command Center	Web Experience	Mar 7, 2024	View details ...
<input type="checkbox"/> Special Event Operations Map	Web Mapping Application	Mar 7, 2024	View details ...
<input type="checkbox"/> Special Event Historical Activity Log	Dashboard	Mar 7, 2024	View details ...
<input type="checkbox"/> Special Event Post Locations Dashboard	Dashboard	Mar 7, 2024	View details ...
<input type="checkbox"/> Special Event Incident Dashboard	Dashboard	Mar 7, 2024	View details ...
<input type="checkbox"/> Special Event Sanitation Dashboard	Dashboard	Mar 7, 2024	View details ...

Folders

- Restaurants
- Scavenger Hunt
- School Zones
- Special Event Operations
- Sports

Filters

Item type

- Maps
- Layers
- Scenes
- Apps
- Developer credentials
- Tools
- Files
- Styles
- Notebooks

DEVELOPMENT

ArcGIS Solutions



Home Gallery Map Scene Notebook Groups Content Organization


Chris Shuma Frisco_Chris

Special Event Operations [Edit](#)

Overview Usage Settings

Share

[Edit thumbnail](#)



Special Event Operations can be used to develop safety plans and monitor public safety operations during a special event. [Edit](#)

Solution by Frisco_Chris

Item created: Mar 7, 2024 Item updated: Mar 7, 2024 View count: 2

[Add to Favorites](#) [ArcGIS Solution](#)

Description [Edit](#)

It provides a way to collaborate in a geographic context to simplify the safety planning and operations workflows. Event information from the incident action plan can be mapped and monitored along with live event information such as weather, traffic, field reports, health and safety incidents. Special Event Operations is typically implemented by public safety operations that want to improve the event health and safety planning to protect participants and the public.

Special Event Operations delivers a set of capabilities that help you organize special events, create event site maps, develop health and safety plans, manage event incidents and assignments, monitor public health and safety operations, and create after-action reports.

[Learn More](#)

Solution Contents

- > SpecialEvents_approved
- > Special Event Manager

Item Information [Learn more](#)

Low High

Details

Size: 10.2 KB
ID: 3f3599f23a7146709193feaba8bcf06c
☆☆☆☆

Share [Edit](#)

Owner

Frisco_Chris

DEVELOPMENT

ArcGIS Solutions



Content

My content My favorites My groups My organization Living Atlas

New item Create app

Search Special Event Operations Type: Apps x

Selected (0) 1-13 of 13

Table Date modified

Title	Modified		
Special Event Form	Mar 12, 2024	Form	View details ...
Special Event After Action	Mar 7, 2024	Web Mapping Application	View details ...
Special Event Manager	Mar 7, 2024	Web Mapping Application	View details ...
Special Event Command Center	Mar 7, 2024	Web Experience	View details ...
Special Event Operations Map	Mar 7, 2024	Web Mapping Application	View details ...
Special Event Historical Activity Log	Mar 7, 2024	Dashboard	View details ...
Special Event Post Locations Dashboard	Mar 7, 2024	Dashboard	View details ...
Special Event Incident Dashboard	Mar 7, 2024	Dashboard	View details ...
Special Event Sanitation Dashboard	Mar 7, 2024	Dashboard	View details ...
Special Event Operations Apps	Mar 7, 2024	Instant App	View details ...
Special Event Site Map	Mar 7, 2024	Web Mapping Application	View details ...
Special Event Dispatcher Update Status	Mar 7, 2024	Web Mapping Application	View details ...
Special Event Traffic Dashboard	Mar 7, 2024	Dashboard	View details ...

Folders

- Restaurants
- Scavenger Hunt
- School Zones
- Special Event Operations
- Sports

Filters

Item type Clear

- Maps
- Layers
- Scenes
- Apps**
- Developer credentials
- Tools
- Files
- Styles
- Notebooks
- Insights
- Data stores



DEVELOPMENT

- **Apps**
 - Survey123 Form
 - Crowdsource Manager App
 - Event Editor Apps - WAB
 - Event Viewer Apps – WAB
 - Copy Previous Maps Notebook
- **Schema**

DEVELOPMENT

Survey123 Form



Special Event Form

Event Information

Use this form to enter an event and begin the event planning process. Once entered, you can use the Special Event Manager application to create site and safety planning maps.

Enter the name of the special event*
Enter the name of event

Description of Event*
Provide a promotional description of the event

Next Page 1 of 3

Special Event Form

Date & Time

Please indicate below the time you begin setting up temporary assets for the event, the start/end of the event, and take down of temporary assets.

Start time*
Enter date and time

End time*
Enter date and time

Back Next Page 2 of 3

Special Event Form

Location

Event location
Provide a detailed description of the event location

Please locate the property*
Search for an address or click on the map to specify location. If the event (ex. marathon) covers a large area, identify where most activities would occur such as the starting/finish area. activities would occur such as the starting/finish area.

Find address or place

Lat: 33.150061 Lon: -96.834840

Back Submit Page 3 of 3

DEVELOPMENT



Crowdsource Manager App



Special Event Manager

Place, Address, or Event Name



Special Events							1 selected / 4 records
Event Name	Event Type	Event Start	Site Map Complete	Operations Map Complete	Status		
Frisco Freedom Fest 2024		07/04/2024 5:00 pm	No	No	Under Review		
ACM Awards 2024		05/09/2024 5:00 pm	No	No	Under Review		
Frisco Freedom Fest 2023		07/04/2023 3:00 pm	Yes	Yes	Archived		
ACM Awards 2023		05/11/2023 5:00 pm	Yes	Yes	Archived		

ACM Awards 2024

Academy of Country Music Awards 2024

Start Date 5/9/2024 5:00 PM End Date 5/9/2024 11:00 PM

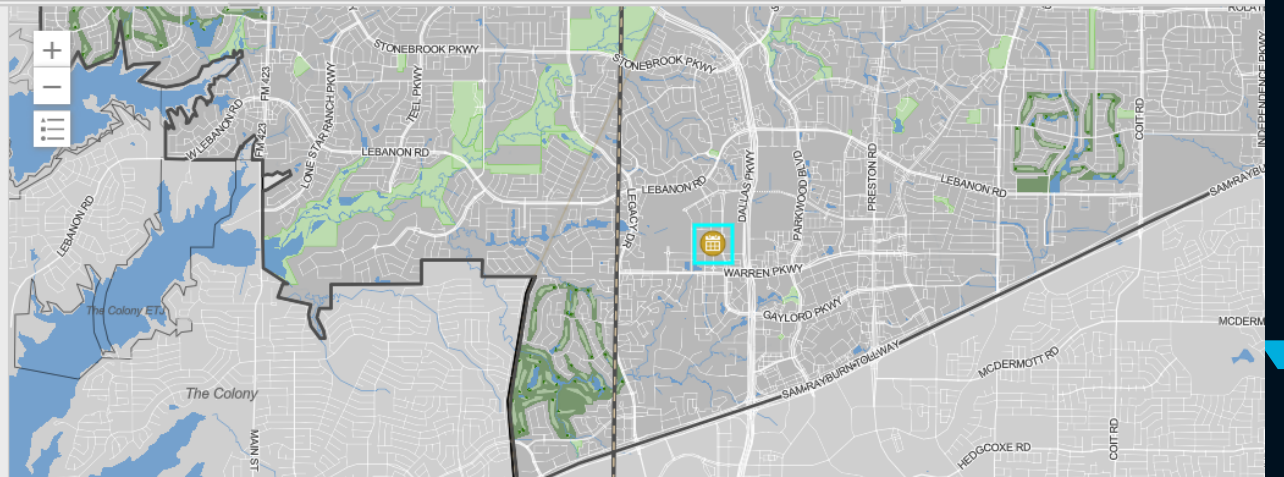
Status Under Review Event ID ACM Awards 2024 2024-5-9

Review Event Info

View Site Map

Edit Operations Map

View Operations Map



DEVELOPMENT

Editor App



Special Event Operations Map ...create a map to represent where planned public safety resources will be for the event

Find address or place

Select Event

Confirm your event is selected below. You do not need to click apply if highlighted and shown on the map.

ACM Awards 2024 2024-5-9

Apply Reset

Create Operations Map

Select a template to start creating safety planning resources

All

Search Templates

Operation Assets

- Ambulance
- Fire Truck
- On Foot
- Police Vehicle
- Traffic Plan
- Other

Event Assets

- Barricade
- Event Sign
- First Aid
- Food Concessions
- Generator
- Information Kiosk

Use preset values (new features only)

Label

Comments/Description

Phase

DEVELOPMENT



Editor App

Create Operations Map

Select a template to start creating safety planning resources

All

Search Templates

Operation Assets

- Ambulance
- Fire Truck
- On Foot
- Police Vehicle
- Traffic Plan
- Other

Event Assets

- Barricade
- Event Sign
- First Aid
- Food Concessions
- Generator
- Information Kiosk

Use preset values (new features only)

Label

Comments/Description

Phase

Create Operations Map

Event Assets

Event Asset Type

Message Board

Label

Description

Phase

Event Identifier

ACM Awards 2024 2024-5-9

Edited seconds ago

Edit Geometry

Close Save

DEVELOPMENT



Editor App

Event Summary		
	Operation Assets	37
On Foot 34		
Police Vehicle 3		
	Special Event Assets	12
	Road Closures	134
Traffic Cones 101		
Type III Barricades 33		
	Special Event Routes	13
Operation Perimeters 0		
	Special Event Areas	10
Blue 1		
	P - Hall Park Blue Lot - Rideshare 2200 Spaces	
Silver 8		
Yellow 1		

FRISCO Special Event Operations Map

Find address or place

1,144 Traffic Cones

Filter	
Operation Assets	
	Operation Assets - Inbound <input type="checkbox"/>
	Operation Assets - Outbound <input type="checkbox"/>
Event Assets	
	Event Assets - Inbound <input type="checkbox"/>
	Event Assets - Outbound <input type="checkbox"/>
Operation Routing	
	Operation Routing - Inbound <input type="checkbox"/>
	Operation Routing - Outbound <input type="checkbox"/>
	Operation Routing - Emergency Only <input type="checkbox"/>
	Operation Routing - City Responsibility <input type="checkbox"/>
	Operation Routing - Venue Responsibility <input type="checkbox"/>
Event Routes	
	Event Routes - Inbound <input type="checkbox"/>
	Event Routes - Outbound <input type="checkbox"/>
Operation Areas	

DEVELOPMENT

Editor App



Special Event Operations Map ...create a map to represent where planned public safety resources will be for the event

Find address or place

Select Event

Confirm your event is selected below. You do not need to click apply if highlighted and shown on the map.

ACM Awards 2024 2024-5-16

Apply Reset

Measurement

Feet

Measurement Result

39.2 Feet

Clear

Press CTRL to enable snapping

40ft

Operation Assets | Event Assets | Traffic Control Plan (TCP) | Event Routes | Operation Areas | Event Areas

Options Filter by map extent Zoom to Clear selection Refresh

Type	Street	Description	Phase	Event Identifier	Cones	Type I	Type III	Emergency
Traffic Cones	Warren btw Gaylord and Dallas - 30 Cones	WBnd Must Turn Right	Outbound	ACM Awards 2024 2024-5-16	30			No
Traffic Cones	Ave of Champions & Warren - 6 Cones	EBnd Left Lanes Closed	Outbound	ACM Awards 2024 2024-5-16	6			No
Type III Barricades	Gridiron & Hall of Fame - 4 Type III	Eastbound Closed	Outbound	ACM Awards 2024 2024-5-16			4	No
Type III Barricades	Ave of Champ & Cowboys - (2) Type III	Ebnd Road Closure	Outbound	ACM Awards 2024 2024-5-16			2	No

5 features 0 selected

DEVELOPMENT

Viewer App



Special Event Operations Map

Find address or place

Select Event

Confirm your event is selected below. You do not need to click apply if highlighted and shown on the map.

ACM Awards 2024 2024-5-9

Apply Reset

Legend

- Operation Assets**
 - Ambulance
 - Fire Truck
 - On Foot
 - Police Vehicle
 - Traffic Plan
 - Other
- Event Assets**
 - Barricade
 - Event Sign
 - First Aid
 - Food Concessions
 - Generator
 - Information Kiosk
 - Message Board
 - Restroom
 - Route Start
 - Route End
 - Route Marker
 - Tent
 - Ticket Office
 - Trash Dumpster
 - Volunteer Services
- Operation Routing**
 - Traffic Cones
 - Type III Barricades
 - Type I Barricades
 - Pedestrian Fencing
- Event Routes**

DEVELOPMENT



ArcGIS Notebook – Copy Previous Site and Operations Maps

The screenshot shows the ArcGIS Notebook interface. The title bar reads "Copy Previous Site and Operations Maps" with a "(saved)" indicator. The user is identified as "Chris Shuma" with the email "CShuma@friscotexas.go...". The notebook content includes a section titled "Copy Special Event Assets and Operations from prior events." with a description and a checklist. Below the checklist are instructions for running the code. The code cell contains the following Python code:

```
In [ ]: import ipywidgets as widgets
import pandas as pd
import sys
import traceback
import warnings
from IPython.display import display, HTML, clear_output
from os.path import join
from ipywidgets import Layout, VBox
from arcgis.gis import GIS, Item, Group
from datetime import datetime as dt
warnings.filterwarnings('ignore')
gis = GIS("home")

## create list of events to clone with portal IDs
special_events = {
    'name': 'Special Events',
    'id': "bfb24458b0454f17b709b2191e791687"
}
events = Item(gis, special_events['id']).layers[0]

eventList_underreview = [feature.get_value('eventid') for feature in events.query("permitstatus = 'Under Review'", out_fields=['eventid','permitstatus']).features]
```



DEVELOPMENT



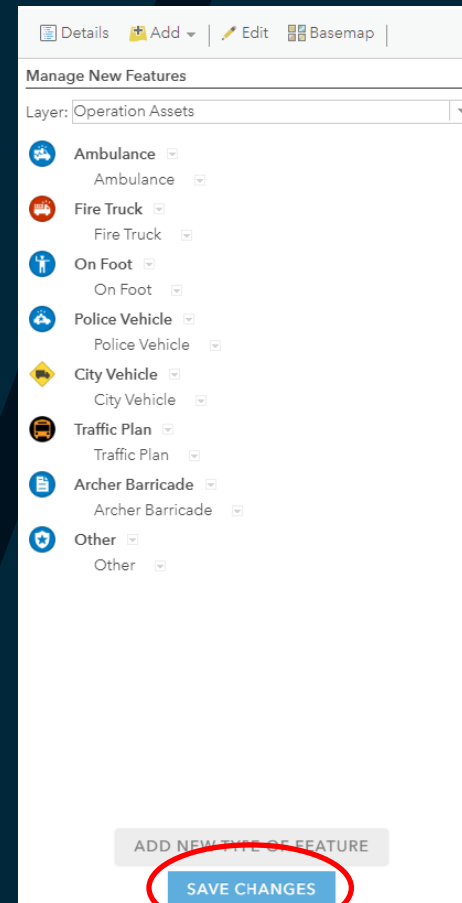
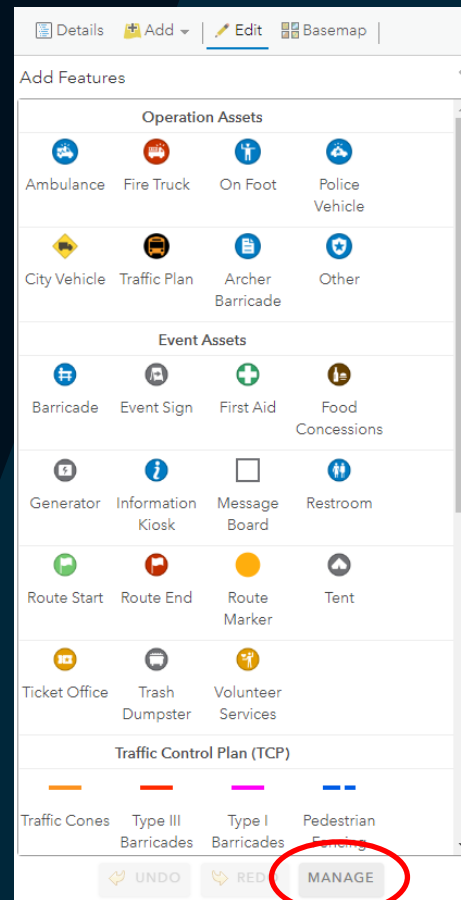
- Schema

DEVELOPMENT

Schema



- New Fields
 - Phase
 - Labels
 - Cones
 - Type I
 - Type III
 - Emergency
 - Responsibility
 - Hyperlink



Updated Domains & Symbology on the corresponding 'Type' on all layers

- Feature Layer
- Map Viewer
- Map Viewer Classic
 - Edit Widget

DEVELOPMENT

Schema

Special Event Areas

- Bus Loading Zone
- Dining Area
- Event Parking Area
- Event Perimeter
- Fireworks Fallout Area
- Gaming Area
- Grandstand - Bleacher Area
- No Parking Area
- Other
- Pedestrian Traffic Only
- Press Area
- Public Access Area
- Reserved Parking Area
- Restricted Area
- Sponsor Booth
- Staff Parking Area
- Staging Area
- Tow Away Zone
- VIP Area
- VIP Parking Area
- Volunteer Parking Area

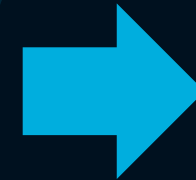


Event Areas

- Blue
- Green
- Yellow
- Orange
- Red
- Purple
- Gold
- Silver
- White

Special Event Routes

- Event Route
- Fire Lane
- Other
- Parking Restriction
- Pedestrian Route
- Staging Route
- Temporary Fencing
- Vehicular Egress Route
- Vehicular Ingress Route



Event Routes

- Blue
- Green
- Yellow
- Red
- Purple
- Gold
- Silver
- White
- Other

DEVELOPMENT



Schema

Special Event Assets

- ATM
- Barricade
- Bleacher
- Drinking Water
- Event Sign
- Fire Extinguisher
- Fireworks Launch Site
- First Aid
- Food Concessions
- Food Preparation Equipment
- Gate
- Generator
- Grandstand
- Guest Services
- Handicap Access
- Heater - Cooler
- Information Kiosk
- Laser Light
- Lighting Truss
- Lost - Found
- Mobile Stage
- Other
- Power Distribution
- Private Security
- Recycling Bin
- Restroom
- Route End
- Route Marker
- Route Start
- Security Checkpoint
- Soundstage
- Strobe Light
- Tent
- Ticket Office
- Trash Dumpster
- Trash Receptacle
- Volunteer Services



Event Assets

- Barricade
- Event Sign
- First Aid
- Food Concessions
- Generator
- Information Kiosk
- Message Board
- Restroom
- Route Start
- Route End
- Route Marker
- Tent
- Ticket Office
- Trash Dumpster
- Volunteer Services

DEVELOPMENT



Schema

- ### Resource Assignments
- ATV
 - Ambulance
 - Bicycle Unit
 - Command Post
 - Fire Boat
 - Fire Truck
 - Gator
 - HazMat Truck
 - Horse
 - K9
 - Law Enforcement Boat
 - Medical Cart
 - Medical Tent
 - Motorcycle
 - Negotiator
 - On Foot
 - Police Vehicle
 - Prisoner Transport
 - SUV
 - Segway
 - Other

- ### Operation Assets
- Ambulance
 - Fire Truck
 - On Foot
 - Police Vehicle
 - City Vehicle
 - Traffic Plan
 - Archer Barricade
 - Other

- ### Road Blocks
- Road Closure Symbol
- ### Road Closures
- Both Directions
 - One Direction
- ### Road Detours
- Detour Symbol

- ### Traffic Control Plan (TCP)
- Traffic Cones
 - Type III Barricades
 - Type I Barricades
 - Pedestrian Fencing

- ### Operational Zones
- Command
 - Evacuation Zone
 - HLZ-Primary
 - HLZ-Secondary
 - Inner Perimeter
 - Line of Fire
 - Media
 - Medical
 - No Access
 - Other
 - Parking
 - Protest Area
 - Rally Point
 - Shelter in Place
 - Staging
 - Stand-Off
 - others

- ### Operation Areas
- EMS
 - Fire
 - Law
 - Other

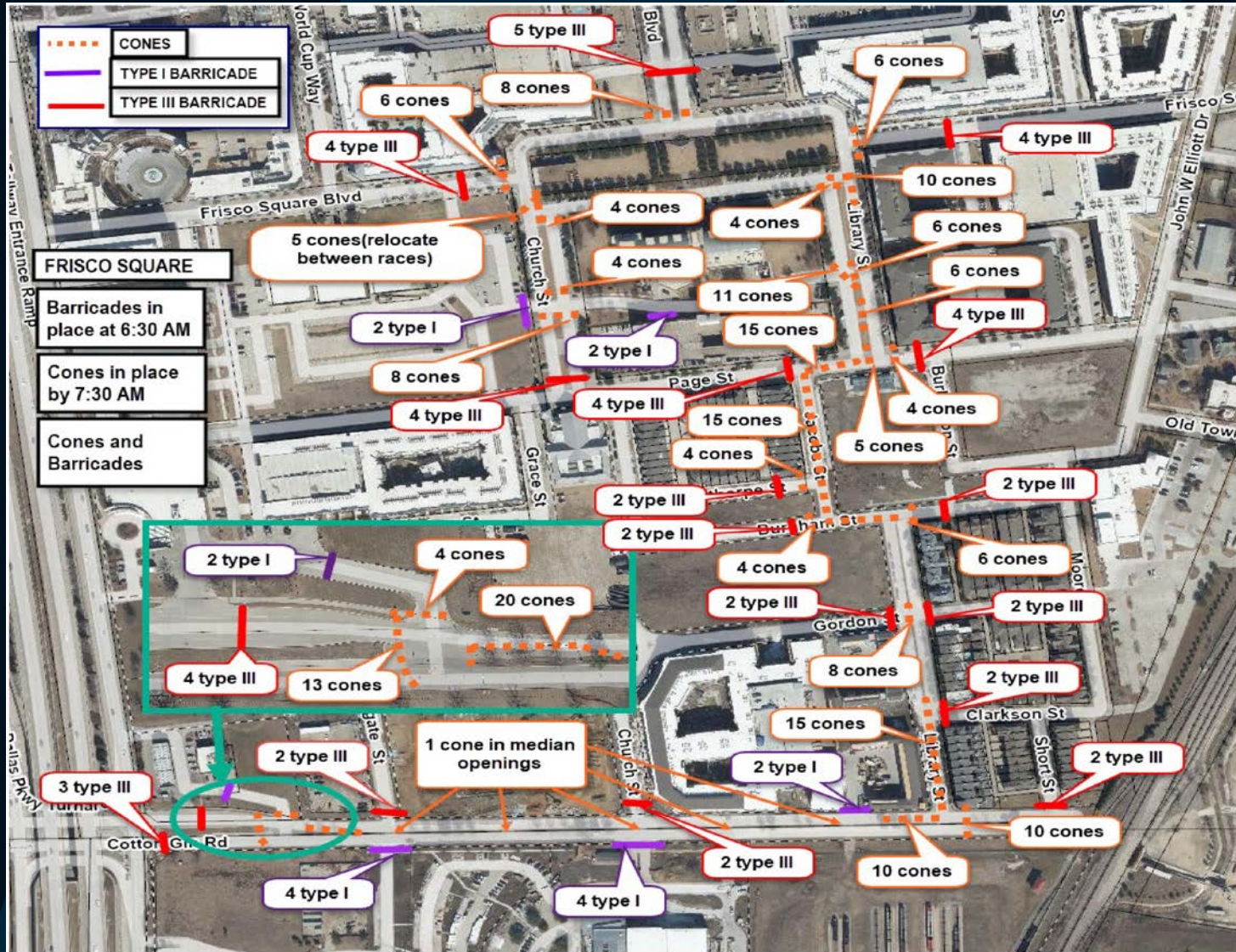


CHALLENGES

- **Sharing**
 - How best to share sensitive data to users outside of the City
- **Environment**
 - Should this continue to live in AGO or should it move to our portal environment?
- **Communicating to Public**
 - Should we use this product or integrate data with existing event apps?
- **Communicating to Crews**
 - Either train to use digital product or recreate a printed product for public works

Challenges

Printed Replacement





FUTURE

- Experience Builder replacing WAB
- Share/Integrate with our SAFER Application
 - Emergency Services real time application
 - Road Closures sent to WAZE
- Include additional data from staff
 - Supervisor Areas
 - Signal timing plans
- Build additional pieces for use during event
 - Real time markups
 - Survey123 to submit field reports



Thanks!

Questions, ideas or want to brainstorm?
Contact me!

Chris Shuma, GISP
Senior GIS Analyst

Department of Information Technology
City of Frisco, TX

CShuma@FriscoTexas.gov