



ESRI SOLUTIONS IN MUNICIPAL EMERGENCY MANAGEMENT

TOWN OF CHAPEL HILL

AGENDA

- The Problem
- The Solutions
- The Impacts
- Key Take-Aways

© MARK ANDERSON, WWW.ANDERSTOONS.COM



"OK, I'm now going to read out loud every single slide to you, word for word, until you all wish you'd just die."

THE PROBLEM(S)



THE PROBLEM(S)



THE PROBLEM(S)



THE SOLUTIONS

- Survey123
- Dashboards
- Out-of-the-box Solutions



THE SOLUTIONS

- Survey123

- Dashboards
- Out-of-the-box Solutions



UNDERSTAND
IMPACT



AFTER ACTION
FEEDBACK



TRAINING
ASSESSMENTS



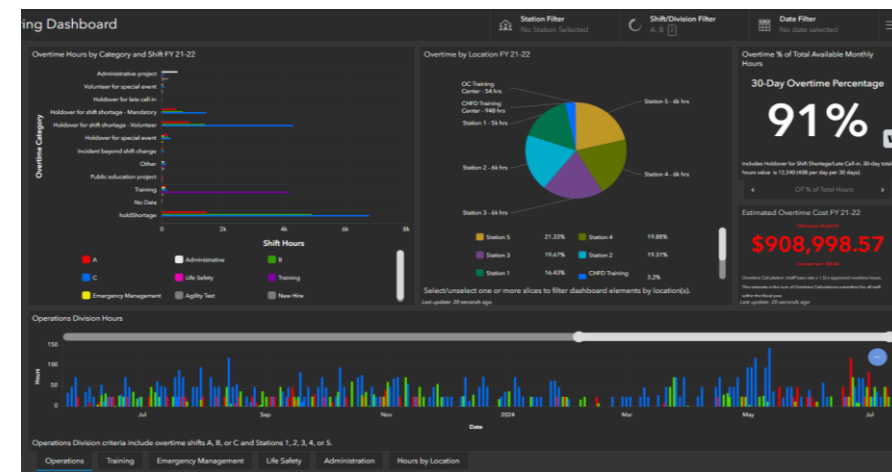
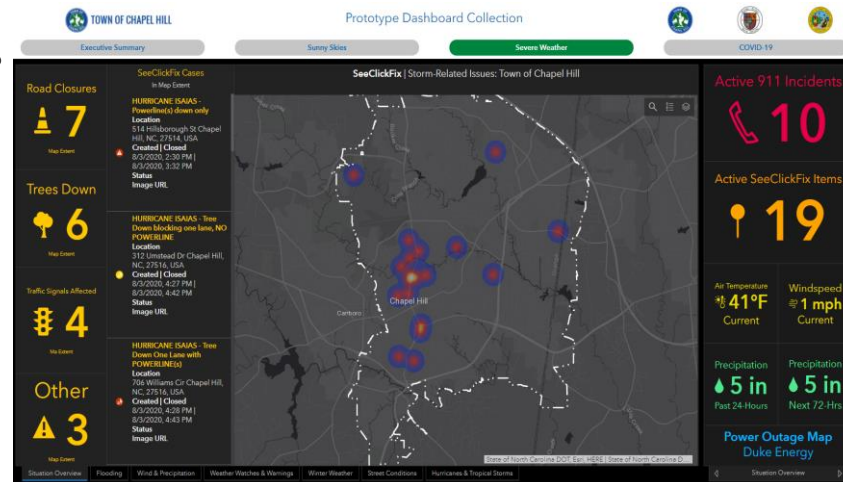
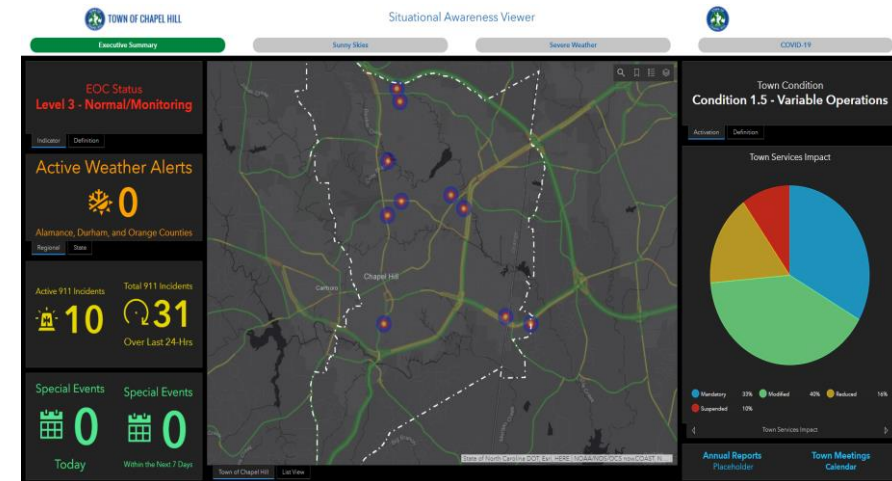
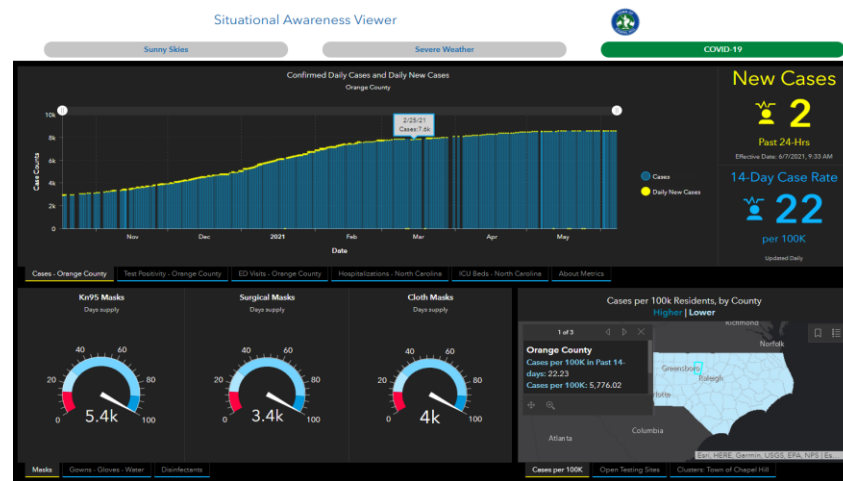
CREATING
DATA

THE SOLUTIONS

■ Survey 123

■ Dashboards

■ Out-of-the-box Solutions



THE SOLUTIONS

- Survey123
- Dashboards
- Out-of-the-box Solutions

Special Event Permit Manager

Permit ID	Event Name	Event Type	Event Start	Permit Status	Site Map Complete
SEP-2407031455	Michael Scott's Dunder Mifflin Scranton M	Race, Run/Walk, or Parade	07/14/2024 10:00 am	Permitted	Yes
SEP-2406251433	ESRI Safety and Security Summit	Private Property Event	07/13/2024 9:00 am	Under Review	Yes
SEP-2404180809	Test 8	Race, Run/Walk, or Parade	04/26/2024 8:07 am	Approved	No
SEP-2404180721	Test 7	March/Free Speech Demonstration	04/26/2024 7:04 am	Under Review	No
SEP-2404111121	Test 6	Saleofundraiseronly	04/12/2024 11:19 am	Approved	No
SEP-2404111107	Test 5	Racerunwalkparade	04/26/2024 11:05 am	Under Review	No
SEP-2404111056	Test 4	Marchfreespeechdemonstration	04/20/2024 10:54 am	Under Review	No
SEP-2404111029	Test 3	Polygonpermutant	04/28/2024 10:26 am	Under Review	No

Test 8 Details:

- Event Type: Race, Run/Walk, or Parade
- Setup: 4/25/2024 8:07 AM
- Open to Public: No
- Start Date: 4/26/2024 8:07 AM
- Estimated Attendance: 500
- End Date: 4/28/2024 8:07 AM
- Takedown: 4/29/2024 8:07 AM

Status: Under Review, Approved, Permitted, Cancelled

Department Status:

Emergency Response Solutions:

- Police Car:** A white State Trooper car with blue and red lights.
- Impact Analysis Map:** A map showing the impact of flooding in Baltimore, dated 2 Jun 2017 10:15.
- Declaration Map:** A map showing the declaration of a disaster in Baltimore, dated 2 Jun 2017 10:32.
- Dashboard:** A large dashboard displaying various metrics and maps, including a map of North Carolina and a table of statistics.

THE IMPACTS



Increased
Efficiency



Improved
Effectiveness



Greater
Accountability



Increased
Situational
Awareness



Enhanced Information Management

KEY TAKE-AWAYS



BUILD A PROJECT
PLAN



GOOD DATA IN,
GOOD DATA OUT



PHASED APPROACH
TO CONFIGURATION



PLAN FOR
ONGOING
MAINTENANCE



SHOW OFF YOUR
PROJECTS



DEVELOP A
GEOSPATIAL
STRATEGY



- Kelly Drayton
- Director of Emergency Preparedness and Risk Management
- Town of Chapel Hill
- Kdrayton@townofchapelhill.org

Only a fool learns from his own mistakes. The wise man learns from the mistakes of others ~ Otto von Bismarck

QUESTIONS?