



HOUSTON PUBLIC WORKS ARCGIS DASHBOARDS

ANTHONY POWELL
HPWIT – GEOSPATIAL SERVICES
INTERIM ASSISTANT DIRECTOR



GEOSPATIAL SERVICES

- Manages AGOL and Enterprise Organizations
- Manages the GIS Infrastructure
- Geodatabase Administration
- GIS System Integrations
- Spatial Analysis
- GIS Data Collection & Management
- Map Production
- Interactive Maps and Dashboards
- Numerous Solutions



SERVICE LINES



DIRECTOR'S
OFFICE



OFFICE OF
EMERGENCY
MANAGEMENT



PLANNING



HOUSTON
WATER



TRANSPORTATION
AND DRAINAGE
OPERATIONS



ENGINEERING



CONSTRUCTION



UTILITY BILLING



TECHNOLOGY



HOUSTON
PERMITTING CENTER

HOUSTON PUBLIC WORKS

16,000
LANE MILES OF
STREETS



 **3,900**
MILES OF
STORM DRAINS

 **2,450**
TRAFFIC SIGNALS

 **2,800**
MILES OF
ROADSIDE DITCHES

500+ 
TYPES OF PERMITS

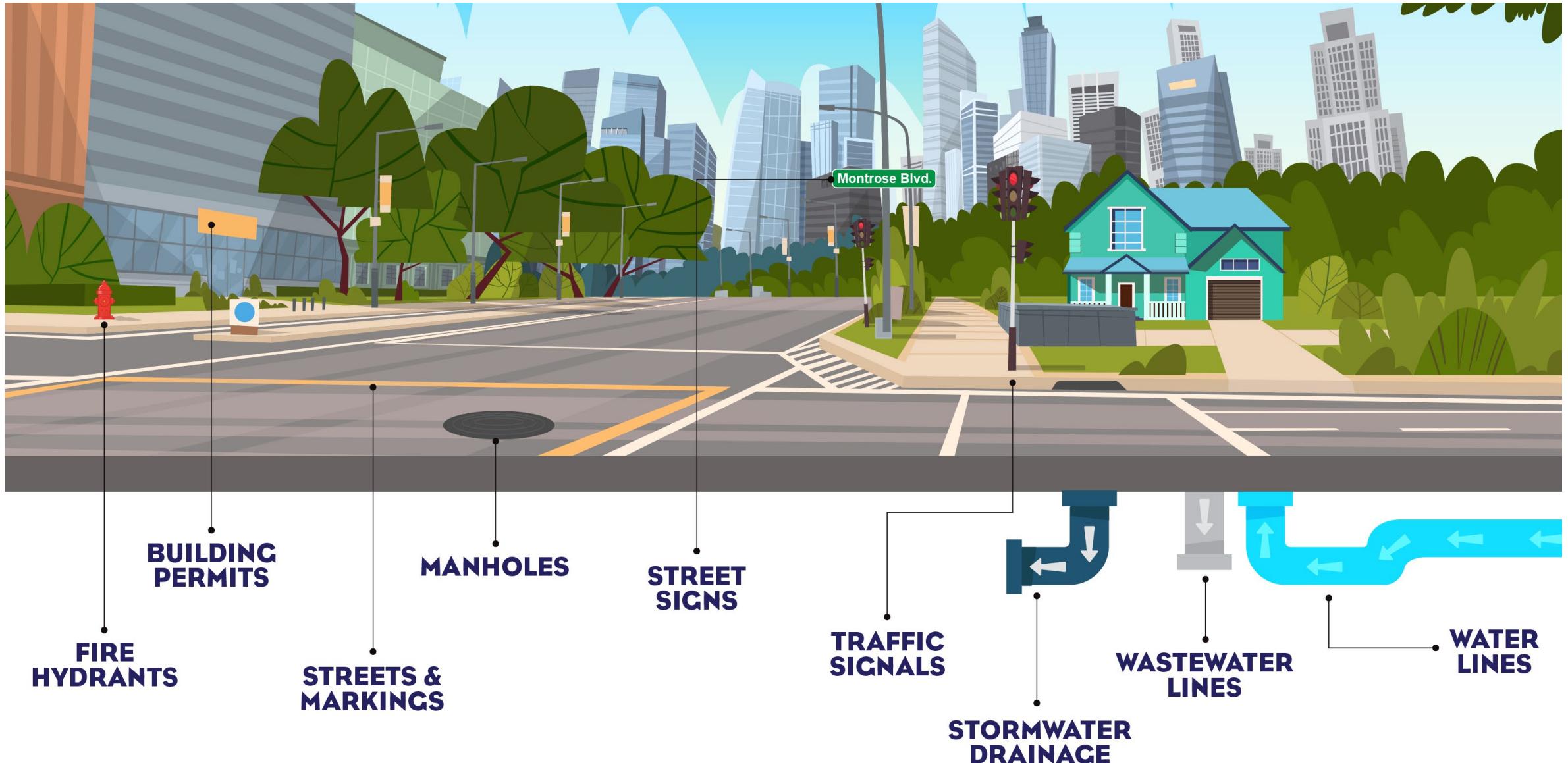
 **\$1.8B**
ANNUAL BUDGET

 **163B**
GALLONS OF WATER
TREATED PER YEAR

 **5.8M**
WATERBILLS
SENT PER YEAR

 **3,900**
EMPLOYEES

PUBLIC INFRASTRUCTURE



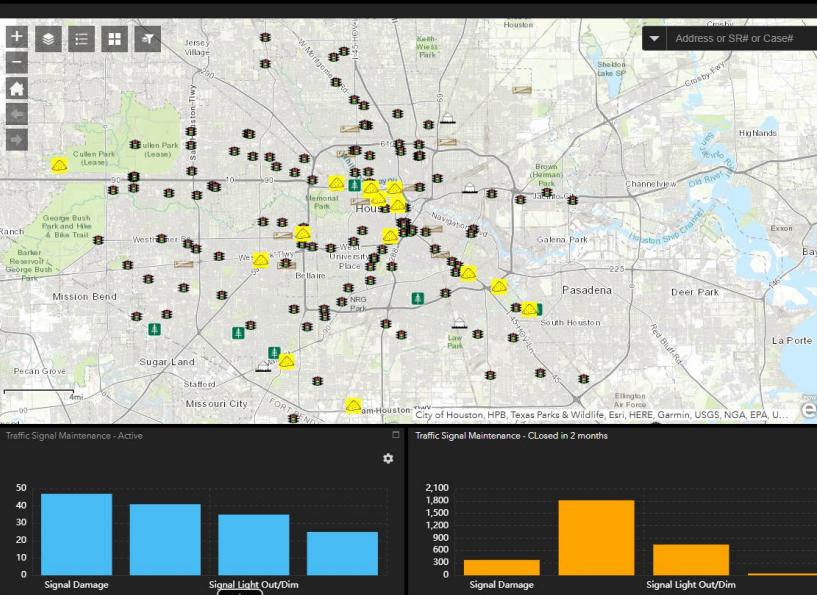
WATER LEAKS DASHBOARD

An application that Monitors and Reports the status of the 311-Customer service requests, and the INFOR workorder activities associated to water leaks.

EMERGENCY OPERATIONS DASHBOARD

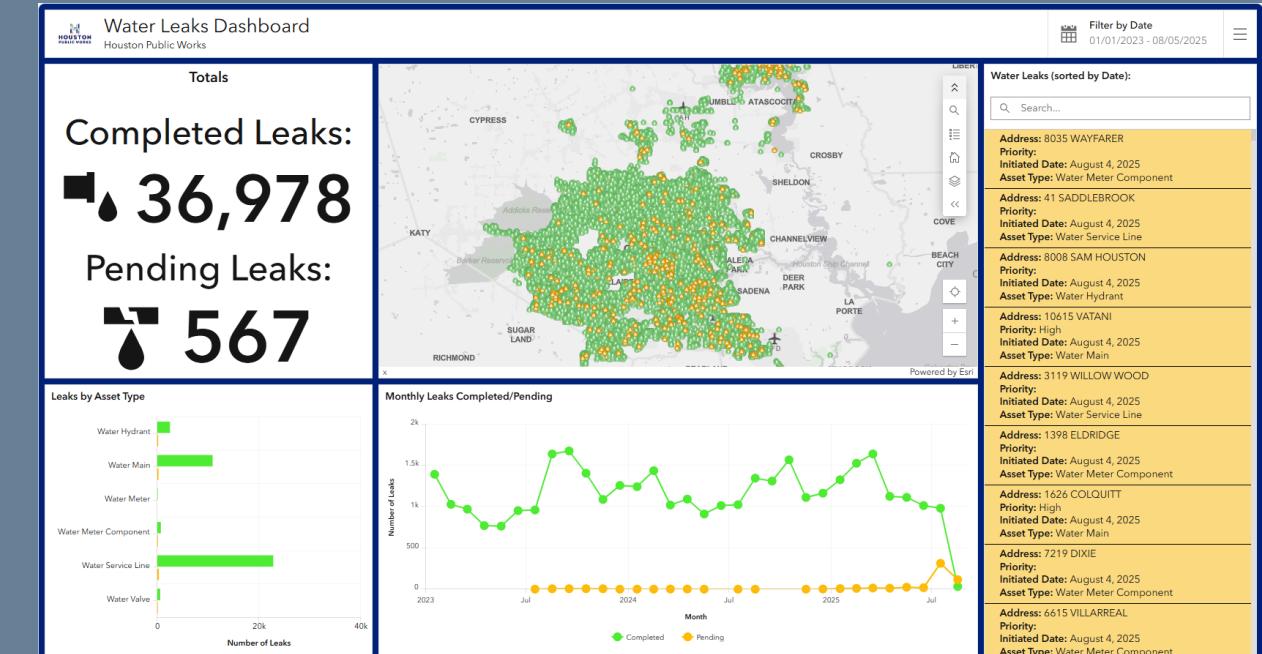
An application that helps support decision making during an emergency event and supports daily operations.

Debris/Sand Removal - Active	17	Debris/Sand Removal - Closed	353
ROW - Flooding - Active	11	ROW - Flooding - Closed	74
Tree/Limb Removal - Active	5	Tree/Limb Removal - Closed	279
Structural Flooding - Active	4	Structural Flooding - Closed	14
Icing Bridge - Active	0	Icing Bridge - Closed	0
Icing Roadway - Active	0	Icing Roadway - Closed	1
Traffic Signal - Active	148	Traffic Signal Maintenance - Active	2,975
		Traffic Signal Maintenance - Closed in 2 months	



DEMO

LIVE



QUESTIONS



THANK YOU

