Using Web GIS to Improve Data Sharing and Enhance Operations

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and GIS Workshop

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City of Baton Rouge
Open Government Initiative

➢ Mayor-President Melvin L. "Kip" Holden vision in 2014

➢ GIS staff consolidated in Information Services

➢ Launched Open Data BR in January 2015

➢ Followed with Open Budget BR

➢ Replaced eBRmap with new Map Portal in July 2015

➢ Published new GIS website at: http://gis.brla.gov

➢ Using Social Media to engage citizens

➢ Launched Expresit for public feedback

➢ Revamped 311 Citizen Request for Service in March 2016

eBRGIS

Open Data BR

- 34 Datasets
- Several include GeoLocation Data for mapping
  - Crime, Fire, and Traffic Incidents
  - Adjudicated Tax Parcels
  - Building Permits
- Platform allows public users to create and save their own maps
- Also, allows public to submit apps for review to share with all
- Currently, Baton Rouge ranks 4th nationwide in the Open Data Census

e BR GIS

eBRGIS Program Website

➢ http://gis.brla.gov

  ➢ General Info about GIS Program

  ➢ Lookup Tools

  ➢ Metadata for all Enterprise datasets

eBRGIS Map Portal

- http://ebrgis.maps.arcgis.com

- Officially launched July 2015

- Used for public data sharing and internal City-Parish operations

- A wealth of web maps and applications

- 100+ web services in REST, WMS and WFS formats

- REST services are registered with Map Portal for easy searching

- 100 usernames for City-Parish staff to access secured maps, data, and the ArcGIS Collector app

- Planning to expand to accommodate Public Safety staff

eBRGIS Map Portal

- ➢ 8 data categories
- ➢ 32 user groups
- ➢ Over 100+ hosted feature layers and 2014 orthoimagery
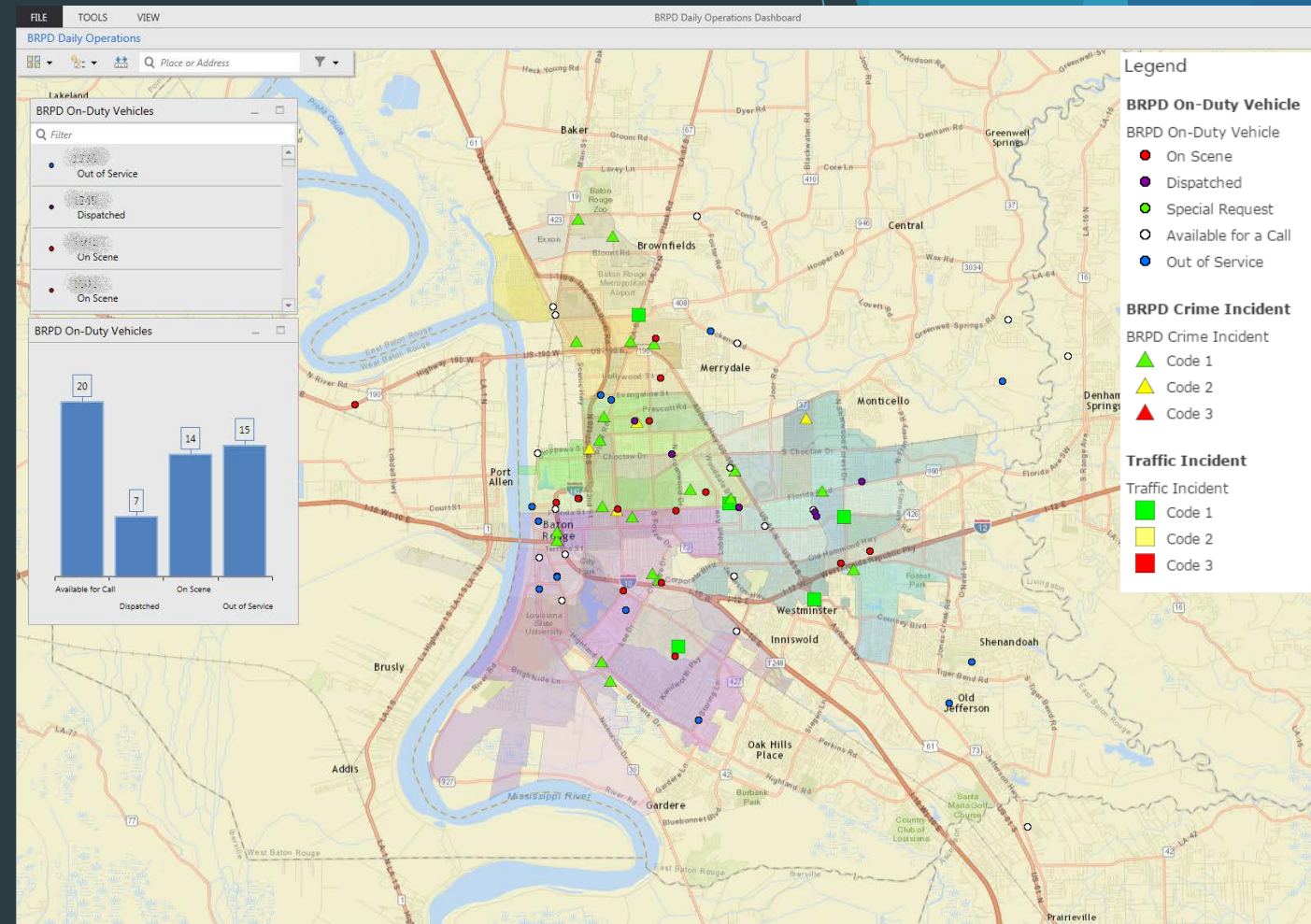- ➢ Local basemap

Featured Content

- Baton Rouge Traffic
- My Government Services
- Planning and Land Development
- Election Results and Elected Officials

eBR *GIS*

Data Sharing

➢ City of Central address and property information

➢ My Permit Now building permit system

➢ Address Locator

➢ Routing Service

➢ Web services directory
http://maps.brgov.com/gis/rest/services

Public Safety Common Operational Platform

➢ An interactive digital mapping platform that consolidates various public safety-related data inputs, streams, and analytics into one central map-based environment

➢ Currently being piloted by BRPD

➢ Integrates disparate datasets encompassing three strategic public safety areas: daily operations, investigations and analytics, and emergency management

Conclusion

➢ GIS is taking a lead role in the Open Government Initiative

➢ New Web GIS platform makes it easier to share data with all users

➢ Internal users can leverage the same platform to enhance workflows using secure data and maps

➢ Web GIS has opened up a world of new possibilities for law enforcement and other public safety departments

➢ Web GIS is rapidly helping to realize the vision of the eBRGIS Program

e**BR**GIS

More Information

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