City of Laguna Hills Enterprise-Wide GIS Application

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City Background

- Laguna Hills is a city in south Orange County, and its name refers to its proximity to Laguna Canyon and the much older Laguna Beach
- Population is 30,972
- Contract city with small staff
- Reliance on technology to multiply work effectiveness
Project Background

- GIS Feasibility & Implementation Study – 2007

- Phase I – Development of Server Based GIS Applications – 2008-2009
  - (ArcGIS 9.3 and then 10.0)

- Update to 10.1 – 2010

- Development of Web Based GIS Applications in 10.3.1 – 2017
Data Layers

- Southern California Area Government (SCAG) Data
- Property Ownership Data
- Street Improvements Plan Data
- Stormwater Data
- Pavement Management System Data
- Tree Inventory Data
- Corner Records Data
- Transportation Layer Data
- Traffic Control Device Inventory Data
- Traffic Signal Data
- Parks Data
- Miscellaneous Functionality Issues
Functionality/Tools

❖ Property Search
❖ Radius Map & Notifications
❖ Measurement Tools
❖ Redlining
Benefits

❖ “Field Verification” of existing conditions
❖ Quick access to data for search and notifications
❖ Traffic flow/detours
❖ Property attribute inquiries

**GIS automation saves time and money**
Q&A