

Esri ArcGIS Enterprise License Agreement TTI Presentation

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Bottom Line Up Front: ESRI GIS

Vendor	ESRI
Purpose:	ESRI GIS products are mapping and spacial analytics tools that allow city departments to overlay data onto maps of geographic areas. GIS is used to improve decision making, service delivery, transparency with citizens, and citizen engagement by applying and sharing location-based analysis of city services, transactions, and processes.
Contract Amount:	\$3,480,000 over the contract term
Cost Breakout	\$960,000 annual Maintenance, plus \$200,000 per year for project contingency
Term:	3 Years
Primary Department Users:	Houston Police Department; Planning and Development; Public Works and Engineering; Houston Airports; Admin & Regulatory Affairs; Houston Information Technology

Key Esri Agreement Components

ELA

User Agreement

3 Years from April 20, 2017 to April 19, 2020

Enterprise Advantage Program

- 100 Technical Advisory Hours per Year
- 100 Learning and Services Credits per Year

ESRI Developer and User Training

- Technical skill development for GIS staff
- User adoption and innovation via webinars and user conferences

Products and Tools

- Supporting Online and mobile development
- Tools to facilitate integration with 3rd party products (i.e. Lagan, Infor)

Technical Support

- Helpdesk support for issue triage and escalation

Current Uses for GIS

Welcome to Houston 311 Help & Information

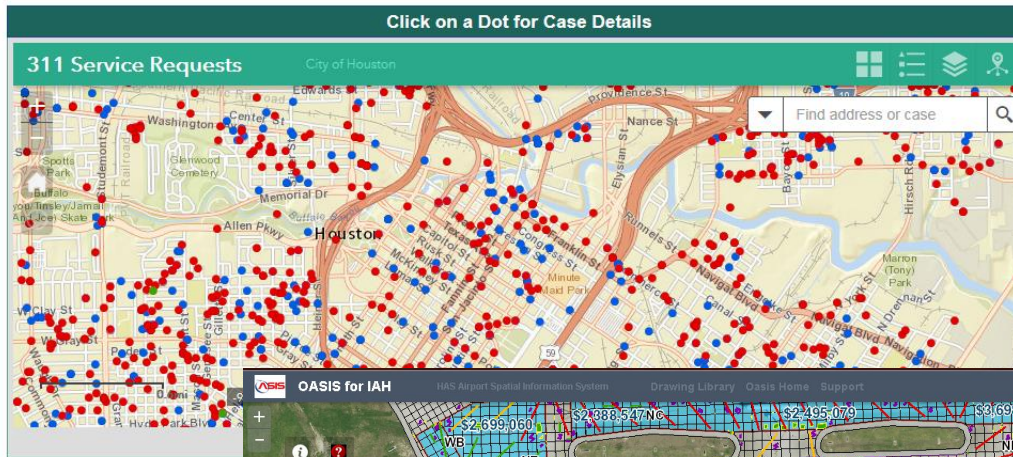
311 Su Tiempo de Espera - Espanol Cortes (713-837-0311) 0 minutes @ Mar 12 2017 8:30PM

Report Traffic Signal Problem • Report Potholes • 311 Heatmaps • **Current Key Issues** • Pothole Tracker

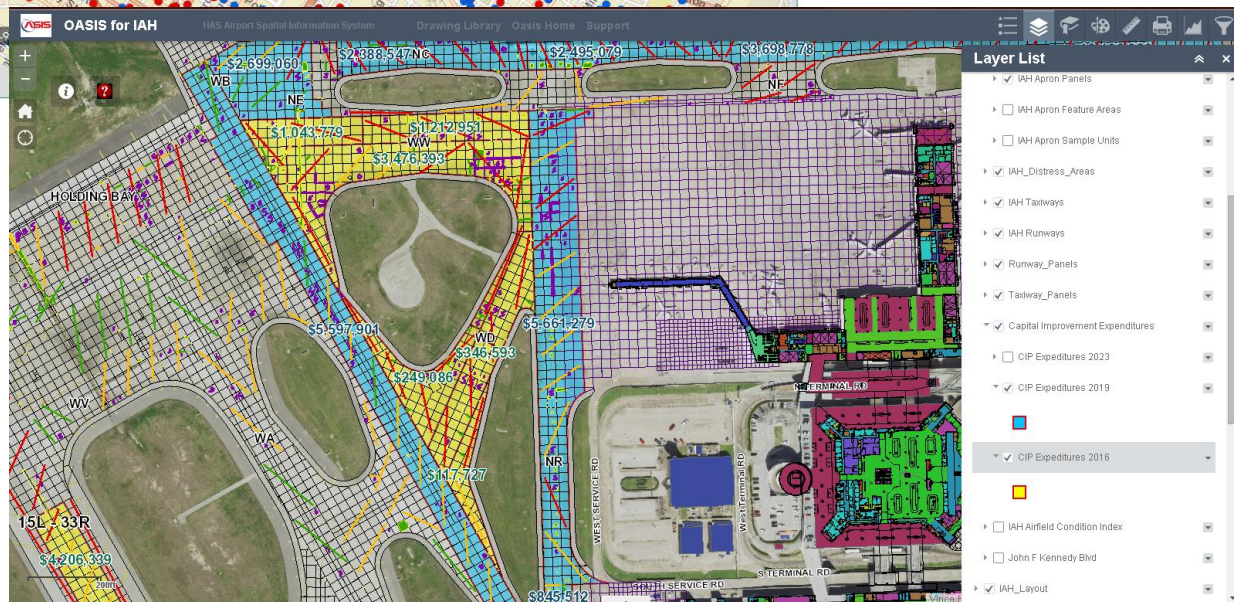
311 Links

- 311 Home Page
- 311 Heatmaps
- 311 Performance Dashboard
- 311 Website Survey
- A - Z City Functions Index
- About Houston's 311 Dept.
- Feedback
- [Hire Houston Youth](#)
- How to Use This Site
- Pothole Tracker
- Report Street Potholes
- Report Traffic Signal Problem
- Submit a Service Request
- Track Your Service Request
- Why was my Service Request Closed?
- email to: 311@houston.tx.gov

<http://www.houston.tx.gov/hirehoustonyouth>



Houston 311 Service Requests



Aviation Pavement Condition planning

City of Houston Enterprise GIS

Current uses for GIS – cont.

City of Houston - Recent Crime

Welcome
Find Crime

- Select time frame:
Within last two weeks
- Select an offense:
All
- Search by area:
HPD District
10

Or, search by distance (miles) then click the map.
3c. Select a distance.

Offense: Auto Theft
 Incident No: 31385717
 Time Begun No: 3/11/2017 3:45:00 AM
 Premise Type: Commercial Parking Lot or Address Range: 1300-1399 BINZ Zip Code: 77004
 HPD Division: South Central Division
 HPD District: 10
 HPD Beat: 10470
 Council District: D
 Super Neighborhood: MUSEUM PARK
 Super Neighborhood No: 66

Nearest Incidents & HPD Offices

Recent Crimes

HFD Structural Fires with Damage Grade

Find address or place

Legend

Structural Fires
 THIRD QUARTER 2016

- 1 or 2 Family
- Multifamily
- Other Residential
- Non-Residential / Other

Fire Incidents

City of Houston

Houston Historical Walk

St. John Church

Located at the Sam Houston Park (Park Designation Date: 2007-02-07)
 Houston, TX 77002
www.heritagesociety.org ; 713.655.1912

Established 1891, Gothic Revival style. The 1891 St. John Church was built by German farmers in northwest Harris County for their Evangelical Lutheran congregation. The church is a vernacular interpretation of the Gothic Revival style of architecture from the 19th century. Elements of the Gothic Revival style are evident in the church's arched windows and shutters. The structure was moved from its original site on Mangum Road to Sam Houston Park in 1968. The handmade cypress plank pews in the interior attest to the "can do" spirit that built this elegantly simple place of worship.

Locate church - (click the "BACK" button to clear "map marker").
 Info: 713-568-9190; Enter "5".

Virtual Historical Walk Tour

penStreetMap contributors, and the

Operational Layers

- Ethnicity by Census Block
- Ethnicity (Metro Area)
- Educational Attainment
- Family Income
- Language Spoken at Home
- Marital Status
- Median Housing Value
- Median Household Income
- Census Block Group Boundaries

Houston Census

Upcoming GIS Projects

Project	Description	Estimated License Cost
HPD Situational Awareness GIS Environment	HPD plans to deploy an internal ArcGIS based platform for situational training, using crime patterns, service calls, event information, etc.	\$275,000
PWE GIS Expansion & Road Network Solution	PWE is looking to expand their usage of GIS to support a broad range of operations from situational awareness, mobile apps, real-time SCADA data feeds, and more.	\$137,000
HAS FAA Compliance	HAS will be using ArcGIS for Aviation to help them meet their FAA regulatory compliance requirements	\$10,000
ArcGIS Online Expansion	Increase number of named users of ArcGIS platform estimated at 500	\$200,000
	Total software cost <u>without</u> contract	\$622,000

New Esri Products included

Insights for ArcGIS

Insights for ArcGIS is a new toolset that allows users to see, understand, and tell stories using maps, charts, and tables. Advanced algorithmic spatial analysis is as simple as drag-and-drop. Insights supports the blends of spatial and non-spatial data, so we can bring in spreadsheets, enterprise databases, and ArcGIS data. Insights intelligently records your analysis workflow so you and others can run it again to solve other problems.

GeoAnalytics Server

ArcGIS GeoAnalytics Server introduces distributed computing to vector-based feature data and can be used to analyze big data or accelerate traditional ArcGIS Desktop analysis workflows.

Navigator for ArcGIS

Navigator for ArcGIS is a mobile app that allows field staff to search and navigate directly to your organization's assets, even if those assets are off the commercial street network.

Additional costs if purchased without ELA

ELA	Cost
Software for Planned Projects	\$622,000
New Esri Products,	\$133,000
Total	\$755,000
Approximate Percentage savings	20.77%

Esri Enterprise Contract

Questions?