

May AIMS Coordinators Meeting

5/12/22

Attendees

Aaron Baumgarden
Amy Beck
Jill Clifton
Blaike Davidson
Amanda Edmondson
Ben Ehrlich
Kirk Eidson
Tim Fitzgibbons
Tom Freeman
April Friedl
Ryan Geiter
M Hartung
Doug Hemsath

Matt Hoehn
Jason Hrabe
Ken Ivey
Kate Kennedy
Karie Kneller
Cheryl Muller
Mike Nelson
Terrol Palmer
Betsy Pike
Shannon Porter
Rodney Riffle
Keith Shaw
Meg Shoffner

Chris Sims
Jeff Simons
Kevin Skridulis
Travis Smith
Dan Steen
Mark Steger
Matt Steging
Jerry Swingle
Lauren Voelker
Travis Wagner
Steve Yoder

Announcements

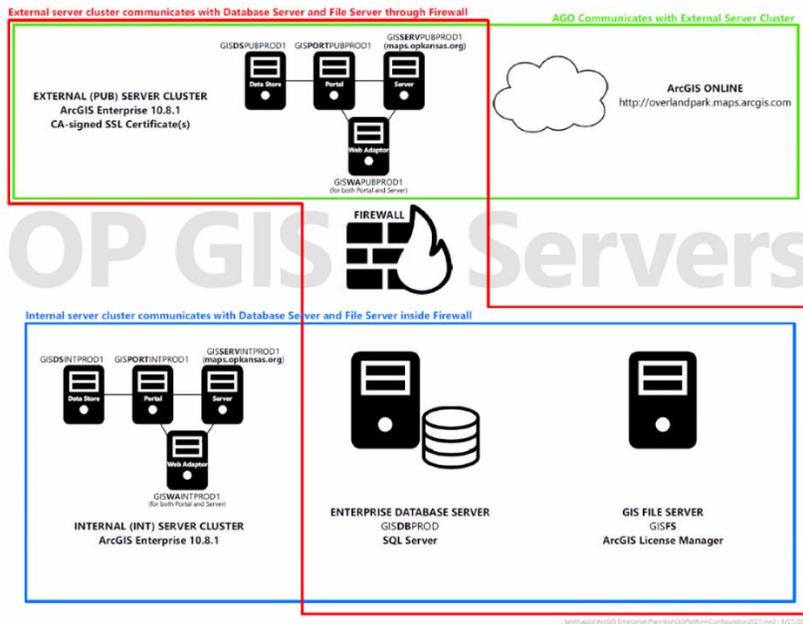
- AIMS is hiring GIS intern, posting closes 5/13/22 but email resumes to mapper@jocogov.org
- OP hiring for Asset Management Coordinator (apply [here](#))
- Summer break (no meetings in June/July). However, we are looking for participants for the stormwater assessment fee meeting, send info to Aaron.Baumgarden@jocogov.org (OP prefers summer meeting)
- Imagery has been completed, should have the final product soon but waiting on final delivery
- OP asked about Cyclomedia imagery viewer is available for the cities. Kevin said as long as the city is an AIMS Data Partner they can be given an account. Please send any requests to mapper@jocogov.org.
 - Product will be available for 2 years and then would have to decide if we want to continue.
- ArcGIS Indoors demo. Looking for county staff that are interested.
- Pro 3.0 coming out soon: <https://www.esri.com/arcgis-blog/products/arcgis-pro/announcements/get-ready-for-arcgis-pro-3-0/>

Notes

ArcGIS enterprise

ArcGIS Enterprise

- Planned Configuration



ArcGIS Enterprise

- ESRI Jumpstart Program

ArcGIS Enterprise Jumpstart

Best Practices for Implementing ArcGIS Enterprise

Esri's ArcGIS Enterprise Jumpstart provides the support you need to learn how to implement and leverage ArcGIS Enterprise on your infrastructure and get you up and running quickly with the ArcGIS platform. During this on-site engagement, an Esri consultant will work with you to install and configure the ArcGIS Enterprise software and help you learn best practices on how to operate and administer your deployment to meet your needs.

With Esri's support, you'll

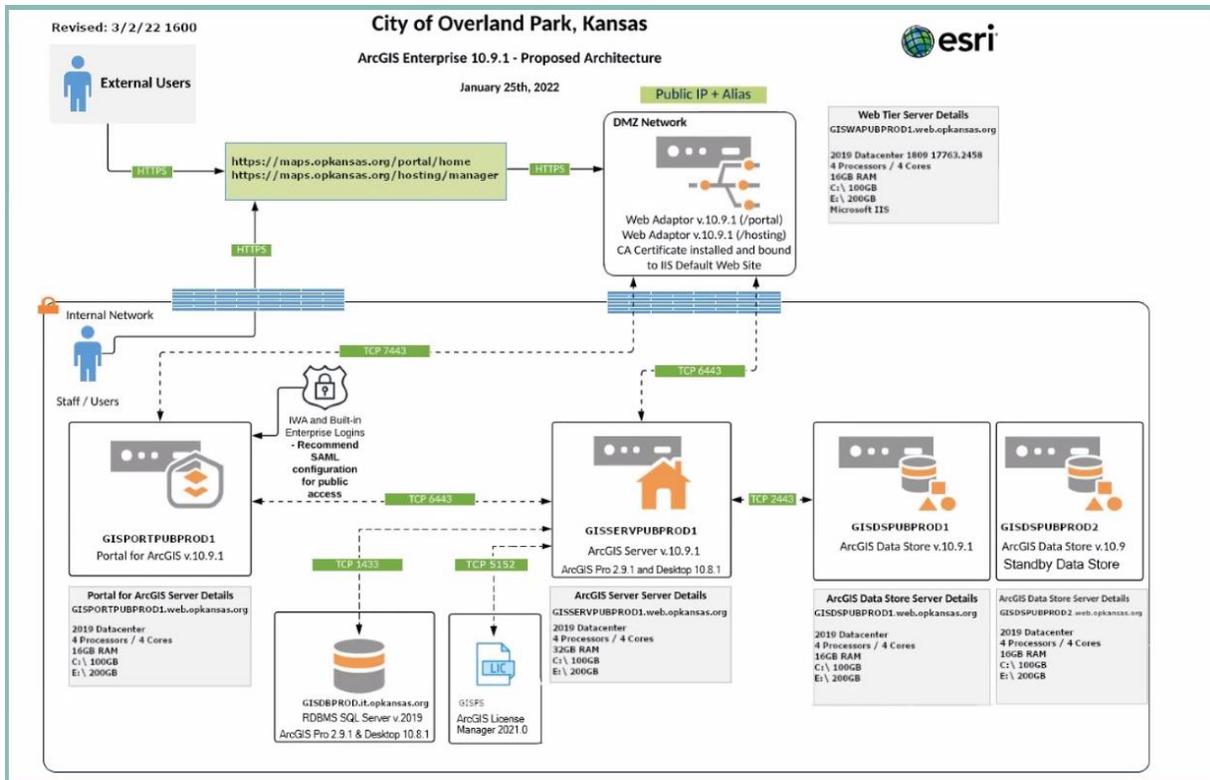
- Reduce the amount of time it takes to install, configure, and become proficient.
- Increase the productivity and effectiveness of your implementation of the ArcGIS Platform.

Work side-by-side with an Esri consultant to:

- Plan and diagram your ArcGIS Enterprise Implementation based on proven deployment patterns.
- Setup and configure ArcGIS Enterprise Components including ArcGIS Server, Portal for ArcGIS, and the ArcGIS Data Store.
- Connect to data sources and publish services.
- Learn to administer your environment and perform diagnostics.
- Review other enterprise GIS functions based on your needs.

Email ProfServices@esri.com or
Visit esri.com/servicepackages.





Plan to go live this summer

All virtual servers. Hardware was recently upgraded so it was capable of meeting the requirements.

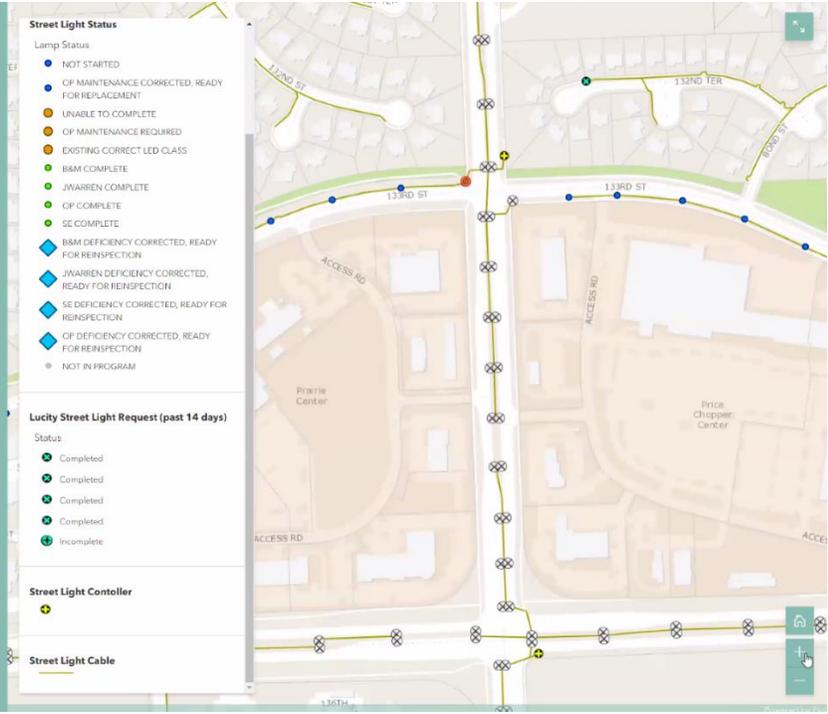
LED Streetlight replacement

LED Streetlight Replacement

- CARES money
- Contractors and sub-contractors
- Lucity asset data is the original source
- Didn't want to provide contractors direct access to Lucity data
- Additional editable fields were necessary
- Data subset for editing
- Collector and Field Maps

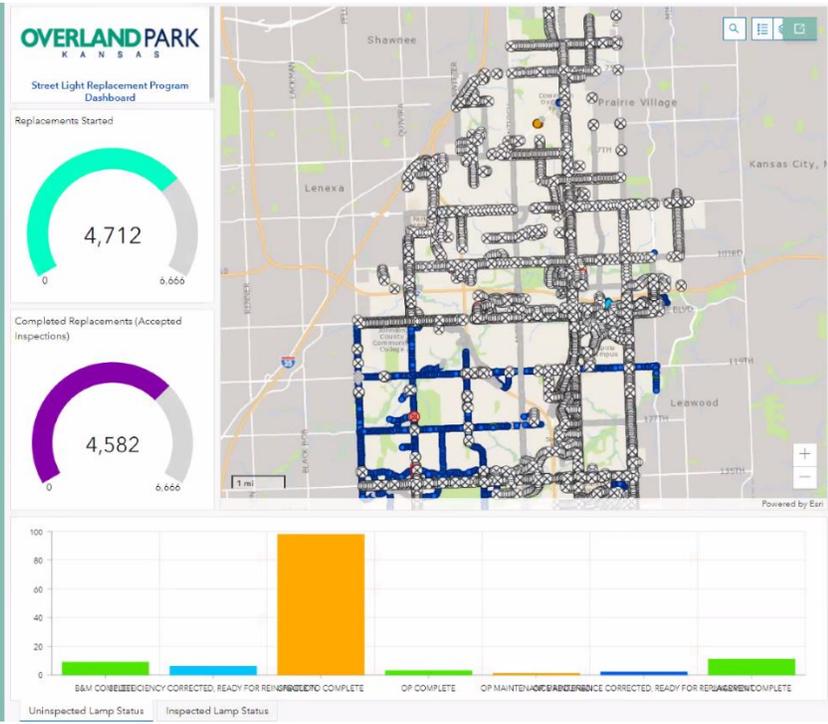
LED Streetlight Replacement

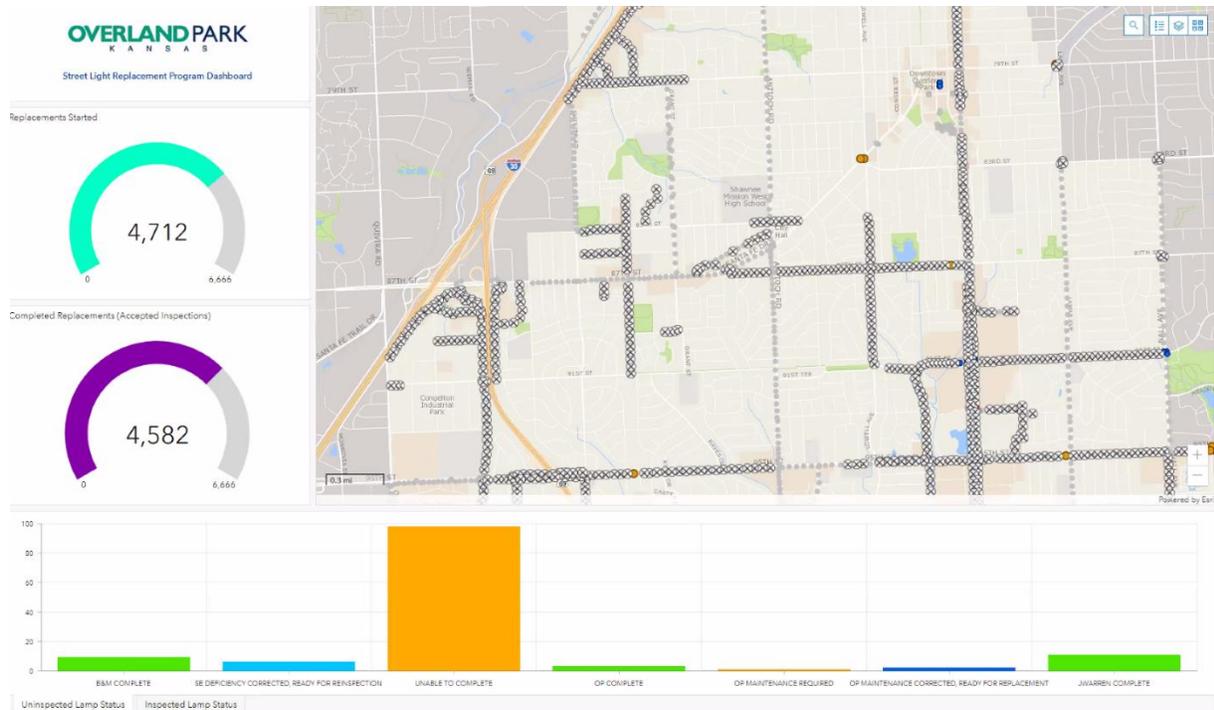
- CARES money
- Contractors and sub-contractors
- Lucity asset data is the original source
- Didn't want to provide contractors direct access to Lucity data
- Additional editable fields were necessary
- Data subset for editing
- Collector and Field Maps



LED Streetlight Replacement

- Dashboard to track progress





Inspection data will be imported into Lucity once complete.

Short-term rentals

Short-term Rentals

- Crime/nuisance issue
- KCMO and Lawrence
- AirBNB is starting to ban activities
- Vendor complete cloud-based solutions

Corporate Ownerships

Public version: https://www2.opkansas.org/maps-and-stats/rental-licensing-and-inspection-map/?_ga=2.223658331.1102018284.1652370407-627861656.1652370407

Some neighborhoods have rezoned to ban them

AirBNB does recognize some of the issues and has taken efforts to limit some of the issues

Have looked at cloud-based solutions such as GovOS and Granticus/Grantus? for permitting and registration and complaints. Rental activity monitoring. Wants help with verifying the exact location since this isn't always shown in sites like AirBNB until after you book. Other cities pay people to book and then cancel just so they can get the addresses. They estimated only 250 rentals in all of OP.

April mentioned planning dept at UG/KCK has a license with one of the companies to help them find the locations. Some of it was just maintained in Excel spreadsheet. They do plan to work with them in the future to help with mapping.

Meg mentioned she owns an AirBNB in OP and is happy to provide address info since they track longer-term rentals. They background check everyone they rent to.

They want to be able to contact the owner after hours if there are issues.

A citizen had mentioned 30% of housing stock is owned by a corporation. OP decided to research property ownership to see if that was true in OP. In total, they came up with about 10%.

Residential Unit Type	Total Parcels	Non-Owner-Occupied		Registered Rentals		Corporate Owned	
		Number of Parcels	Percentage of Total Parcels	Number of Parcels	Percentage of Total Parcels	Number of Parcels	Percentage of Total Parcels
Single-family	48,878	3,756	7.68%	2,464	5.04%	1,193	2.44%
Duplex	4,028	1,515	37.61%	1,149	28.53%	598	14.85%
Triplex	589	88	14.94%	53	9.00%	31	5.26%
Quadruplex	1,533	259	16.89%	103	6.72%	70	4.57%
Townhouse	2,206	435	19.72%	197	8.93%	100	4.53%
Farm/Ranch	84	37	44.05%	6	7.14%	19	22.62%
TOTAL	57,318	6,090	10.62%	3,972	6.93%	2,011	3.51%

Source Notes

- Information generated on 4/18/2022
- Total Parcels - number of properties in OP from JOCO property records
- Non-Owner-Occupied - JOCO property records where site address of property is not the same as the owner address - this is the primary information used to identify potential rental properties for the registration process
- Registered Rentals - EnerGov rental permits (individual address records) issued through our rental licensing program with the status of 'Issued', 'In Review', 'On Hold', or 'Renewal In Progress'
- Corporate Owned - JOCO property records with specific words as part of owner name (ex. 'LLC', 'INCORP', 'COMPANY', etc.)

Some cities mandate that the short-term rental owner must be local. Lawrence also requires that. Betsy mentioned that her sister owns an AirBNB as well and thinks requiring locals to own would probably make them more likely to maintain the property and screen renters.

OP is updating their zoning code to allow for accessory dwelling units. Seattle has been doing some really interesting things since they have a housing crisis.

They still mail out letters to properties when a change of address/owner to see if it is a rental.

Story map successes – 5 years of usage

Story Map Successes

- City Place Fire - 5 year Anniversary

OVERLAND PARK
KANSAS
ABOVE AND BEYOND. BY DESIGN.
[Fix issues in your story.](#)

CityPlace Fire March 20, 2017

On Monday afternoon, at 3:00, what began as a simple welding task, within minutes sparked into a fire up the side of a post on the second floor of the southernmost residential building under construction. Eventually it erupted into the biggest fire in Overland Park's history.

Two unoccupied residential buildings and four garages of CityPlace complex in the construction phase would ultimately be either completely destroyed or damaged beyond repair. Fires would soon also spread south into the neighboring residential area from radiant heat and embers carried by the wind landing on the roofs of many houses.



City Place Fire map:

<https://www.arcgis.com/apps/MapJournal/index.html?appid=b3a12708cceb482b906f801515ead3fc>

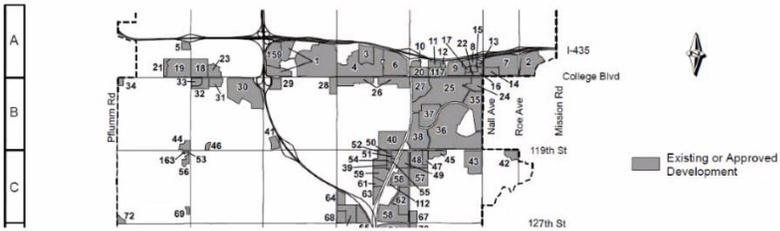
Story Map Successes

- Annual Development Report (BEFORE)
- Tables and Maps in PDF format
- Briefly transitioned to charts and graphs (instead of tables), but remained in PDF format

Commercial Square Footage South of I-435 Through December 31, 2011

DEVELOPMENT	MAP LOCATION	DEV. NO.	APPROVED NOT BUILT	EXISTING/ UNDER CONSTRUCT.	TOTAL*
ANTIOCH 127 SHOPPING CENTER	C6	58	16,955	81,212	98,167
ANTIOCH 127	C6	66	9,816	0	9,816
BANK MIDWEST	D6	135	0	6,574	6,574
BLUE VALLEY BUSINESS CENTER***	H5	128	7,496	38,448	45,944
BLUE VALLEY BUSINESS PARK***	H5	130	UNKNOWN	41,659	41,659
BLUE VALLEY COMMONS	C6	63	8,000	19,152	27,152
BLUE VALLEY HILLS	O6	116	0	47,326	47,326
BLUE VALLEY PARK***	H5	129	UNKNOWN	153,058	153,058
BLUE VALLEY TRACTOR & SUPPLY***	L6	155	UNKNOWN	20,415	20,415
RYAN CENTER PARK	A7	7	UNKNOWN	56,187	56,187

NONRESIDENTIAL DEVELOPMENT SOUTH OF I-435 December 31, 2011



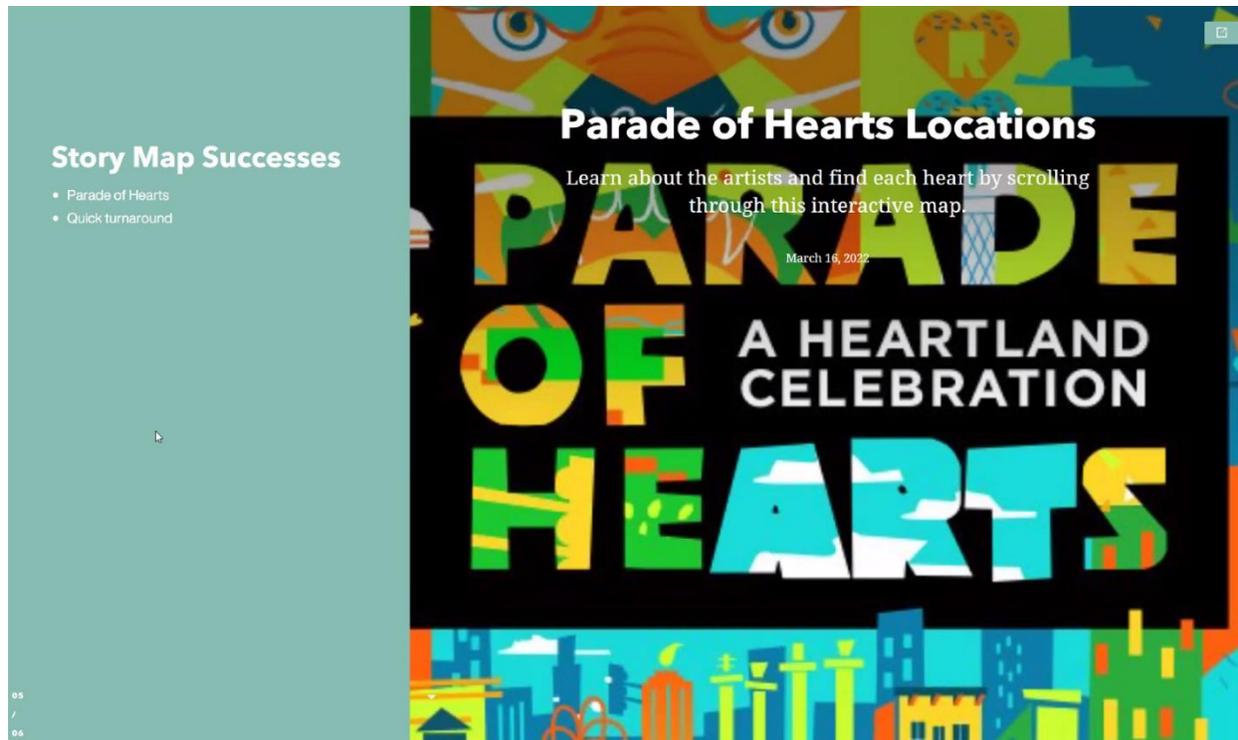


Annual report: <https://storymaps.arcgis.com/stories/9ada1811d97b4644b2a54bb10b794dc5>

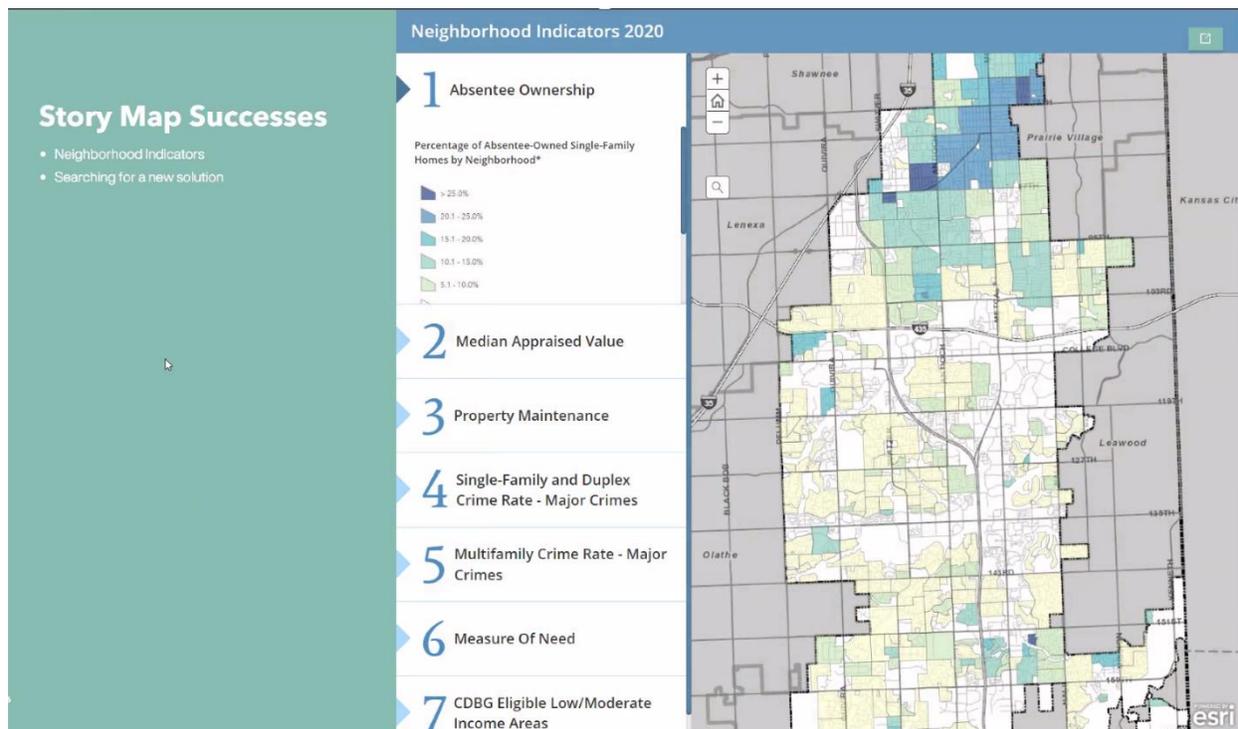
Future development map: <https://www.opkansas.org/about-overland-park/maps/future-development-plan-map/>



Planning 101: <https://storymaps.arcgis.com/stories/8efab8395c104b21b41c77b9e5709c5c>



Parade of hearts: <https://storymaps.arcgis.com/stories/61349baad4204fed9f729afb5809f0a>



Neighborhood indicators: <https://overlandpark.maps.arcgis.com/apps/MapSeries/index.html?appid=8acd2a9b1c2a4b349dda66fb3f4f7cb>

As long as someone shows initiative it's pretty easy to get them to pick it up. It's easier for staff to learn than it is for GIS folks to become knowledge experts in their field. They would like to see a more seamless transition from a web based to phone based story map.

Do Story Maps offer a lot of customization?

<https://www.esri.com/training/catalog/5e14de4036e7e15d09b53af9/arcgis-storymaps-fundamentals/>

Winter Storm Operations

Winter Storm Operations

- Prior solution
- Scrambling for new solution
- Paper map solution was the priority

OVERLAND PARK
K A N S A S

Calendar + Events Newsroom Careers Permits + Licenses Pay a Fee or Fine Contact

City Services Recreation + Fun City Government About OP OPCares

Snow + Ice Removal

Home > City Services > Traffic, Roads + Transportation > Snow + Ice Removal

Traffic, Roads + Transportation

Overview

Snow + Ice Removal

Traffic + Roads

Public Transportation

Bicycling

Scooters

U.S. 69 Improvements

Snow + Ice Removal

The City's Public Works Department follows a priority system for clearing snow and ice from more than 2,000 lane miles of streets and bridges. This includes:

- 2,021 cul-de-sacs
- 2,015 lane miles
- 59 bridge decks

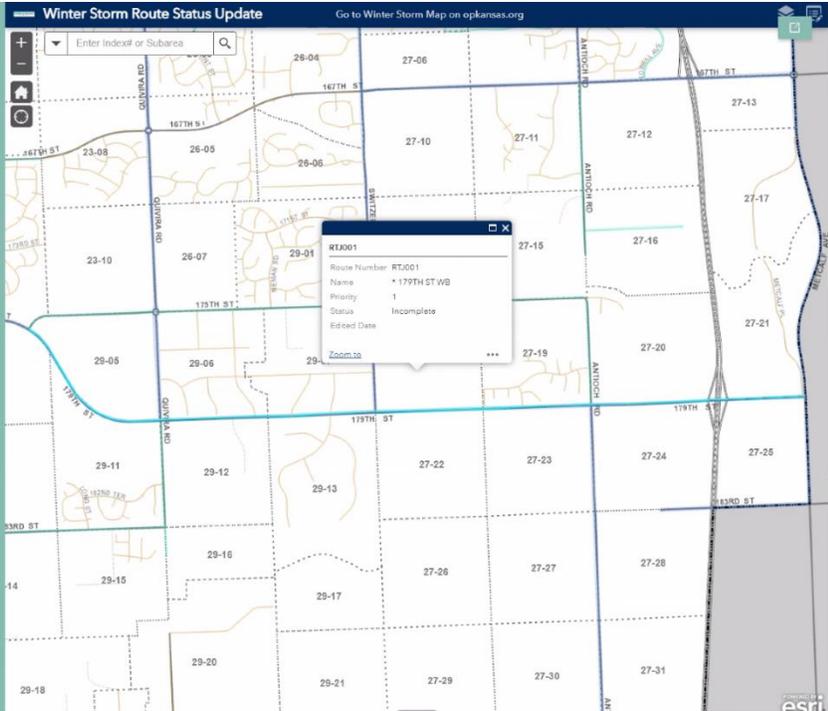
More than 170 City employees from Public Works, Parks Services, Recreation Services, Planning, Police and Fire departments come together to respond in a weather event. Large dump truck and pickup-style plows, along with contracted large and pickup-style plows clear the streets.

Public version: https://www2.opkansas.org/maps-and-stats/winter-storm/?_ga=2.198651247.1102018284.1652370407-627861656.1652370407

OP's prior vendor went out of business at end of 2021.

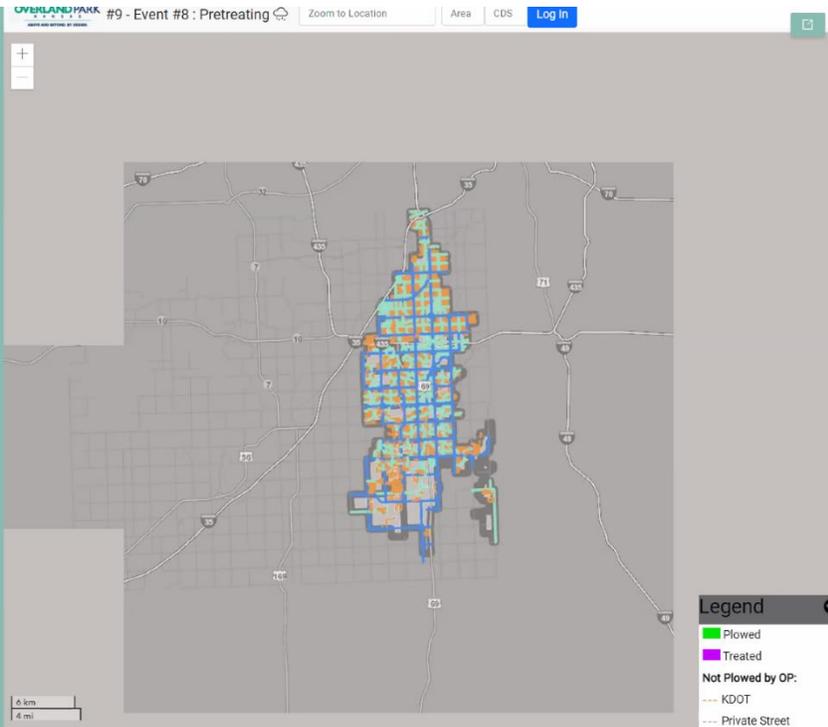
Winter Storm Operations

- Quick map editor solution
- Application was created in less than an hour



Winter Storm Operations

- Much better solution - custom map application



Winter Storm Operations

- Much better solution - editing progress

A01 *

Start * End *

26
27
28
29
30
31
32
33
34
35

Winter Storm Operations

- Next Year - RasTrac
- Data Imported - NOT service based

We have updated our Terms of Service

[CLICK HERE TO VIEW](#)

RasTrac

Username

Password

[Forgot your password?](#)

Copyright © 2001-2022. RASTRAC All Rights Reserved.
RASTRAC® and the RASTRAC® logo are registered trademarks of Manning NavComp, Inc.



RasTrac Fleet Health

Updates (49)

Vehicle	Time	Address	Speed	Course	Battery	Event	Aux Battery	Nearest Location	Coolant Temperature	Engine
8216	May 12, 2022 10:38:53 AM	I-435, Overland Park, KS, 66210	63 mph	E	14.2 Volts	Distance Travelled	4.25		166.8 °F	2.0
8243	May 12, 2022 10:38:17 AM	14363 Westgate St, Overland Park, KS, 66221	5 mph	N	13.8 Volts	Turn detect Update	4.19		194.0 °F	7
8245	May 12, 2022 10:38:50 AM	8808 W 88th St, Overland Park, KS, 66212	3 mph	NW	14.1 Volts	Turn detect Update	4.24		188.6 °F	7
8118	Apr 28, 2022 9:22:33 AM	Overland Park, KS, 66214	2 mph	E	12.7 Volts	Ignition Off	3.75			
8242	May 12, 2022 10:38:25 AM	9643 Walther St, Overland Park, KS, 66212	2 mph	S	13.8 Volts	Motion Start	4.20			7
8163	May 11, 2022 4:32:09 PM	12417 Antloch Rd, Overland Park, KS, 66213	2 mph	NW	13.4 Volts	Ignition Off	3.72			

Map Layers: Traffic, Transit, Bicycle Routes, Boundaries, Priority Streets, Snow Removal Progress.

Dashboards

OVERLAND PARK KANSAS

Building Permits

Select a date range: This Year so Date

Filtered Number of Permits: **1,928**

Filtered Square Footage: **1,374,259**

Filtered Valuation: **\$209,577,442**

Filtered Number of Units: **189**

Filtered Valuation Chart (2022):

Category	Valuation
Other Residential	29.2M
Other Commercial	67.7M
New Single Family	61.9M
New Multi-Family < 5 Units	538.5k
New Multi-Family 5+ Units	14.5M
New Institutional, Churches, and Schools	450.7k
New Commercial	32.6M
New Multi-Family 5+ Units	734.9k

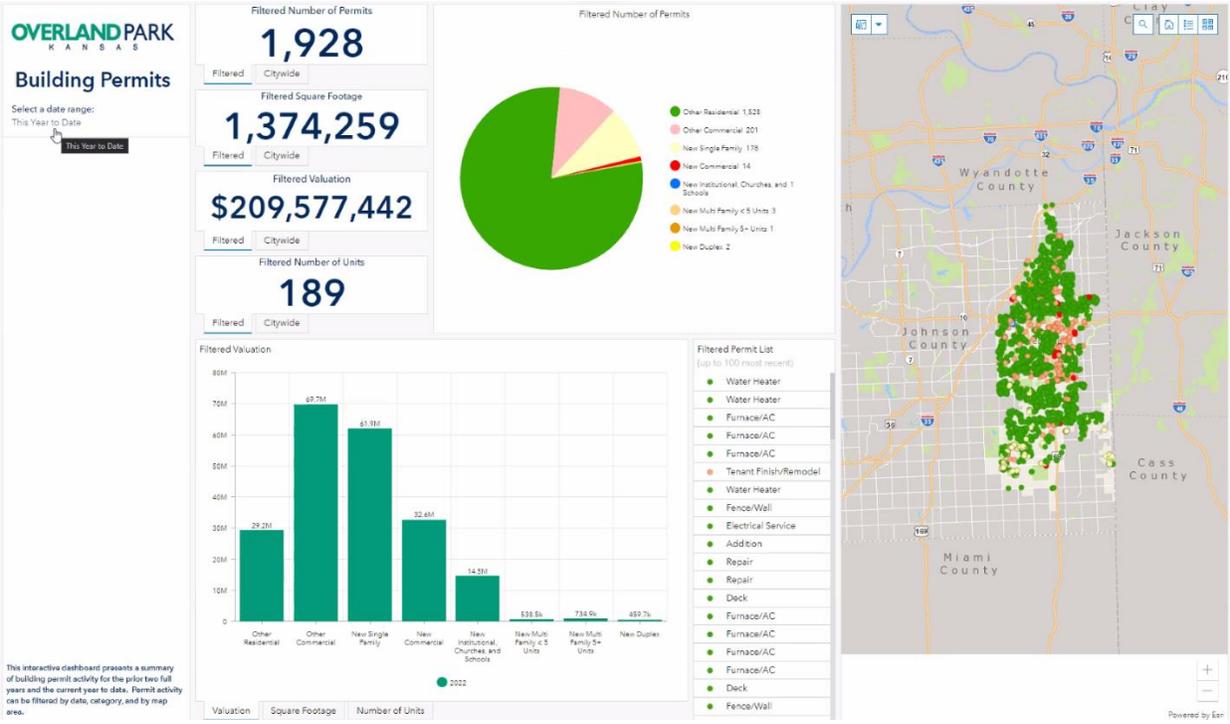
Filtered Permit List (up to 100 most recent):

- Water Heater
- Water Heater
- Furnace/A/C
- Furnace/A/C
- Furnace/A/C
- Tenant Finish/Remodel
- Water Heater
- Fence/Wall
- Electrical

This interactive dashboard presents a summary of building permit activity for the prior two full years and the current year to date. Permit activity can be filtered by date, category, and by map.

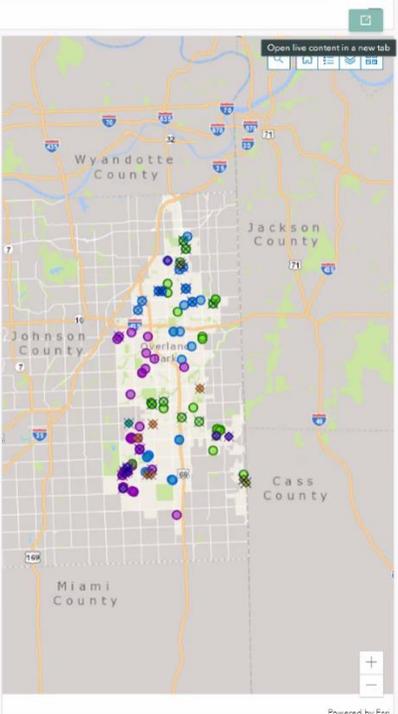
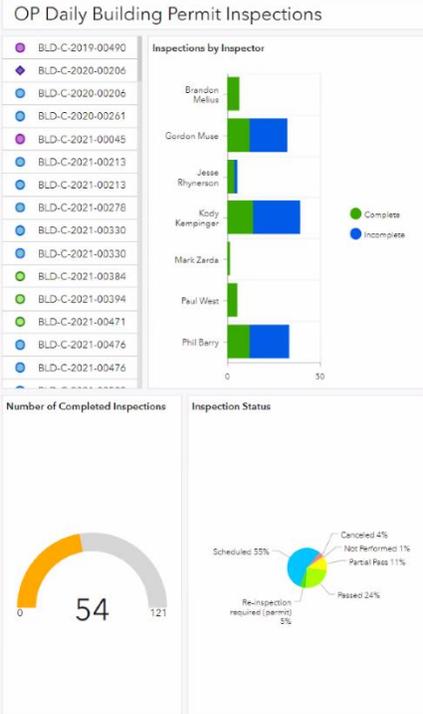
Building Permits:

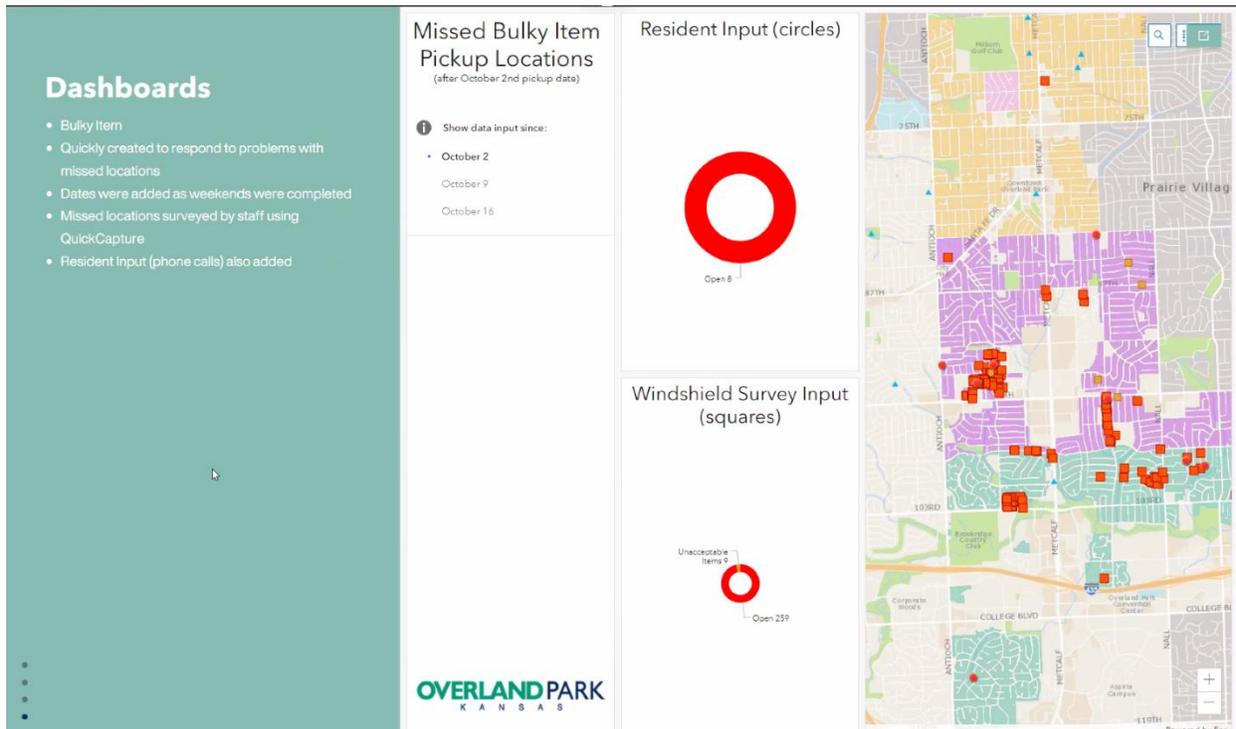
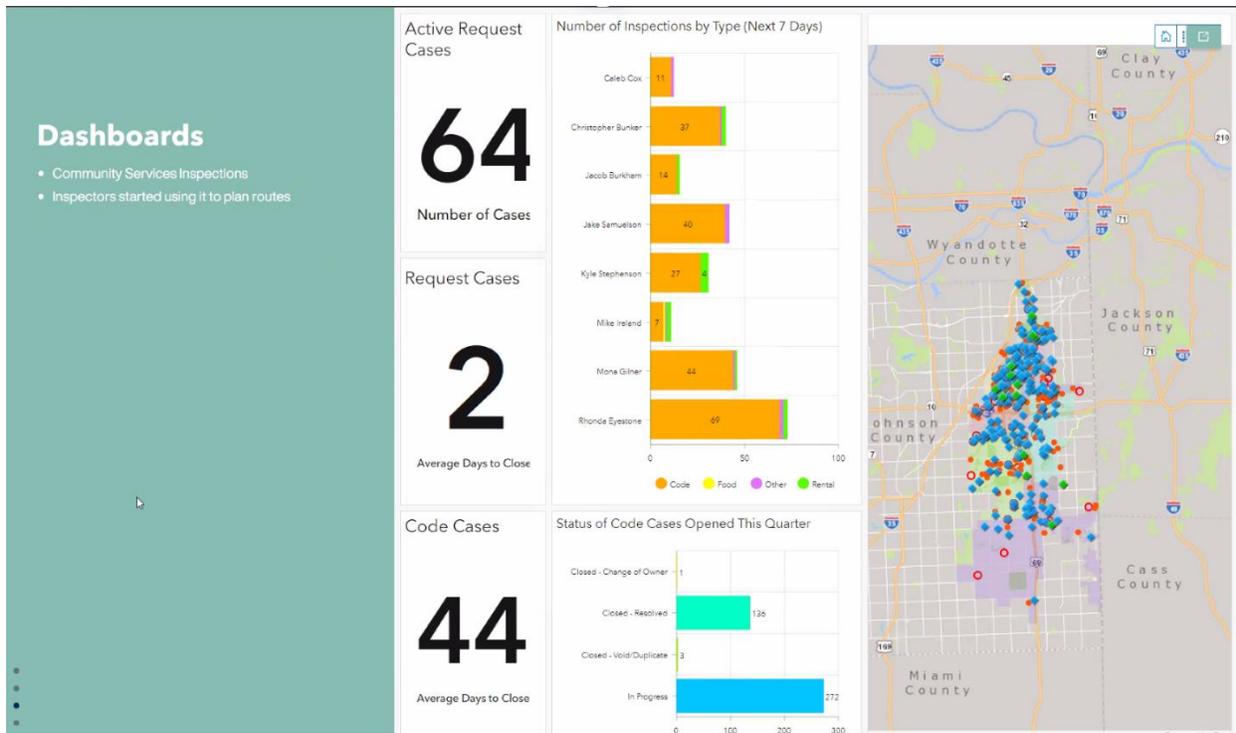
<https://overlandpark.maps.arcgis.com/apps/dashboards/91af26fc6fd84b8b8640fa77899c6bd8>



Dashboards

- Building Permit Inspections
- Showcases ability to monitor workforce
- Internal application
- Also used by inspectors - they will reassign inspections to themselves if others need additional help





They are just starting to look at PowerBI as well for non-spatial datasets. One project will be to look at e-ticketing for police department.