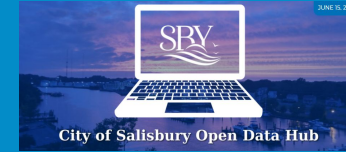




Welcome to the City of Salisbury!



A very brief (possibly incomplete)
history of just a very few of the
very the biggest GIS events at the
City of Salisbury...



The Department of Information Technology is founded.

2011

The GIS department grows as an Enterprise System.

2019

Salisbury launches the first Open Data Hub on the Lower Eastern Shore.

2021

GIS is moved from Public Works and into the Department of Information Service

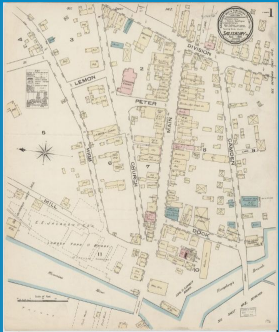
2017

Salisbury's Citizen Problem Reporter is deployed.

2020

Kyla Cupp joins the team.

2022



The team

The City of Salisbury's Best and Brightest



John O'Brien

Assistant Director of
Information Services:
GIS



Kyla Cupp

GIS Analyst II
UAS Coordinator



Matt Blades

GIS Technician

The image features a blue background with a repeating pattern of white triangles pointing inwards, creating a border around the central text. The triangles are arranged in a grid-like fashion, with some pointing left and some pointing right, creating a dynamic, geometric frame.

**What have we been up
to the past few years?**

Viewer Analytics

Year Range
within the last 6 years

Month Range
within the last 2 months

Day Range
within the last 7 days

Status includes
*



B&C MS4 Baseline Review	Deprecated
Link	
Bike Friendly Business Viewer (Public)	Deprecated
Link	
Bike HUB	Maintain/Active
Link	
Bike HUB [Bird page]	Maintain/Active
Link	
Bike HUB [MoveSBY Page]	Maintain/Active
Link	
Bike Network Viewer	Maintain/Active
Link	
Business Development Tracking	Maintain/Active
Link	
Census Data Viewer	Maintain/Active
Link	
Citizen Report Dashboard	Maintain/Active
Link	
Citizen Report Manager	Maintain/Active
Link	
Citizen Reporter	Maintain/Active
Link	
City Owned Lands	Maintain/Active
Link	
Code Enforcement Viewer	Maintain/Active
Link	
Development Projects Viewer (Admin)	Deprecated
Link	

List Map

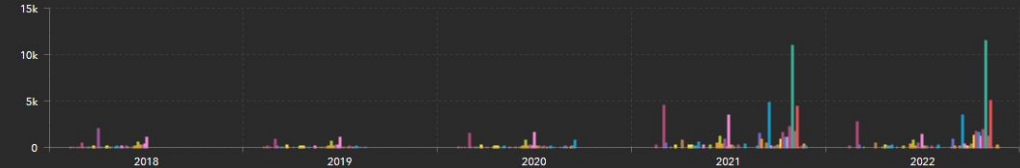
Count of Days

59,634

Cumulative for selected viewers from list

Last update: 29 minutes ago

Year To Year

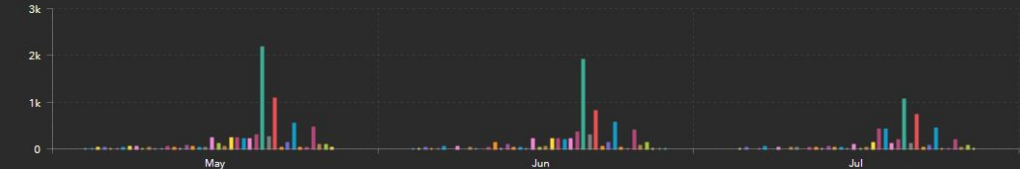


Last update: 4 minutes ago

Bar Chart

Line Chart

Month To Month



Last update: 5 minutes ago

Bar Chart

Line Chart

Stacked Daily Activity

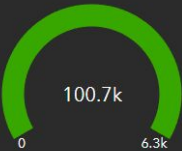


Last update: 5 minutes ago

By Day

By Viewer

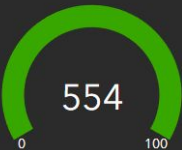
Total Use for Selected



Filtered by Year Range

Last update: 4 minutes ago

Max Daily Use for Selected Viewer



Filtered by Year Range

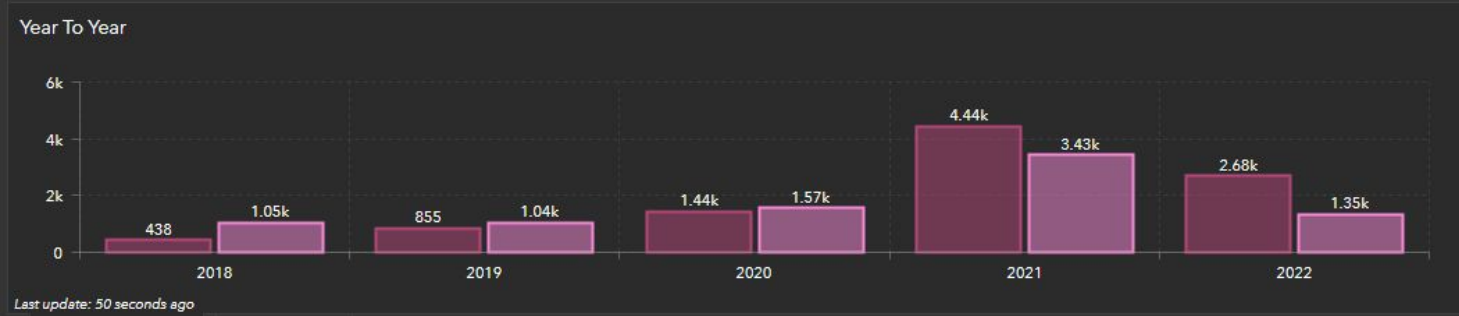
Last update: 4 minutes ago

Average Daily Use for Selected Viewer

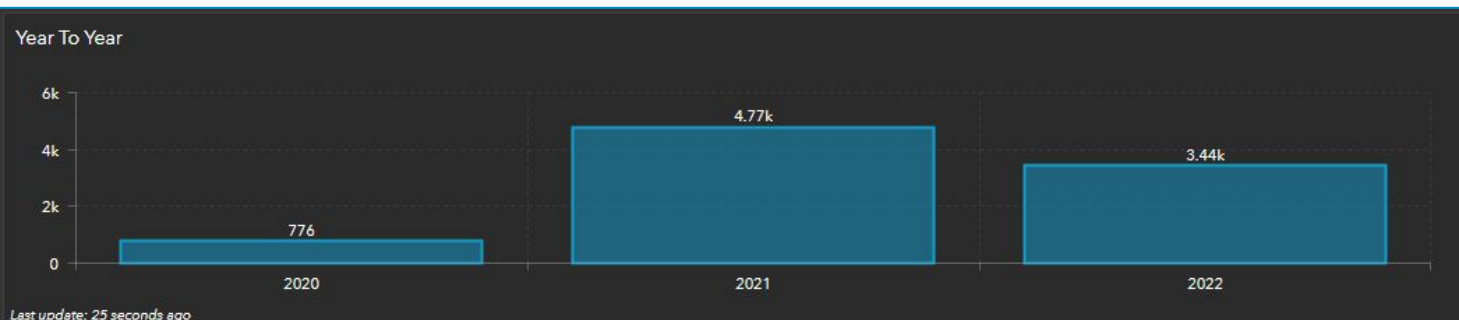


Filtered by Year Range

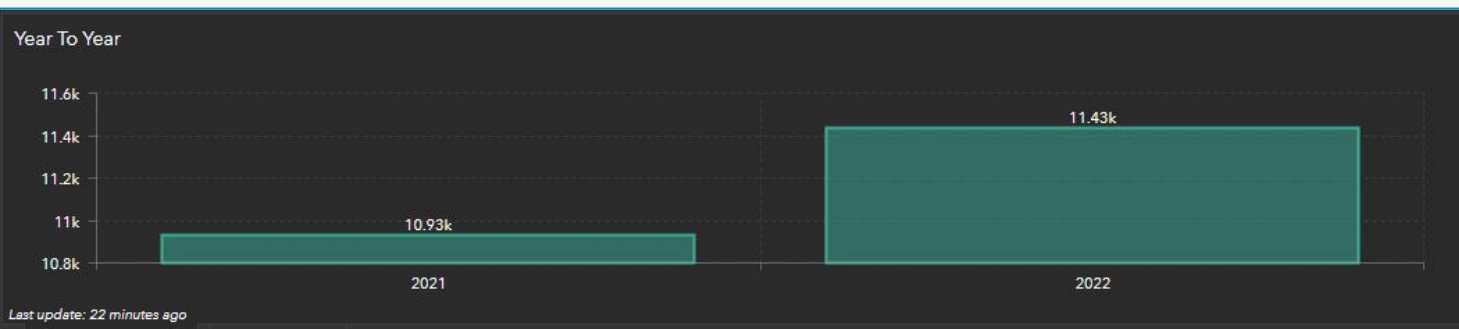
Last update: 4 minutes ago



**Public and Internal
Utility Viewer**
(Over 18.3k views)



**Citizen Problem
Reporter**
(About 9k views)



Open Data Hub
(Over 22.36k views)

You are here: [Home](#) / [Departments](#) / [Information Services](#) / [GIS Portal](#) / [Public GIS Services](#)

BIKE NETWORK

CITY OWNED
LANDS

DOWNTOWN
PARKING

ELECTION
INFORMATION

EMERGENCY
EVENT VIEWER

HISTORIC SITES

HOUSING
CONDITION
STUDY

HOUSING,
PROPERTY &
ZONING VIEWER

IMPERVIOUS
SURFACE VIEWER

NEIGHBORHOODS
VIEWER

OPEN DATA HUB

PLANNING &
ENVIRONMENT

PUBLIC WIFI

SIDEWALK
CONDITION

STREET
CONDITION

UTILITY VIEWER

Utility Viewer



Citizen Problem Reporter



Animal Problems



Housing & Community Problems



Land Use & Permit Problems



Park & Tree Problems



Road Problems



Non-Emergency Police



Snow & Ice Problems



Streetlight Problems



Trash Problems

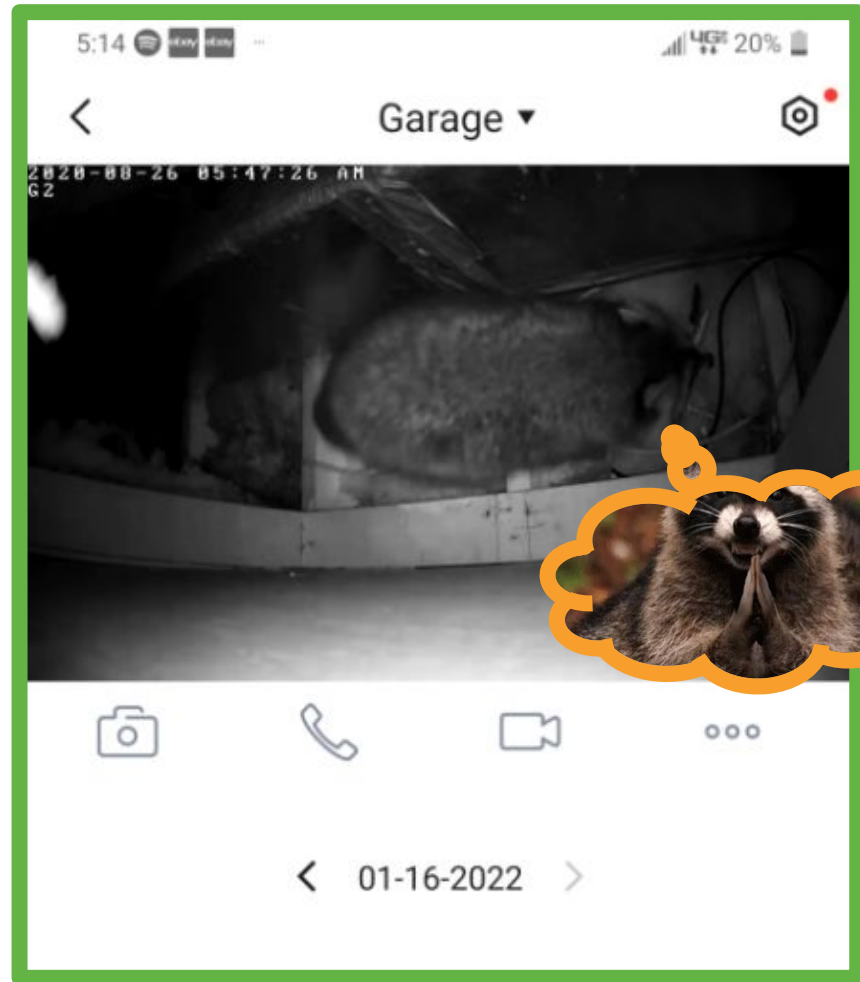


Water & Sewer Problems



**“We have a raccoon
in our garage.”**

-Reported January 16th 2022





Problems

1 selected / 71 records



Category	Type of Problem	Visible to the public	Status	Submitted On	Full Name	Email
Blight	Tall Grass or Weeds	Yes	In Progress	July 17, 2022		
Blight	Illegal Home Occupation	Yes	In Progress	July 17, 2022		
Blight	Drug Related Activity	No	Received	July 17, 2022		
Utility	Flooding or Standing Water	Yes	In Progress	July 16, 2022	Alberto Garcia	csigarcia2636
Park/Tree	No poop bags at dog park on north park c	Yes	In Progress	July 16, 2022	Lorie Bratten	Labratten@cc
Park/Tree	Wasp nest	Yes	In Progress	July 16, 2022	Scott	pizzascott197
Road	Other	Yes	In Progress	July 16, 2022	Michele Gregory	Mgregory@sa
Utility	Storm Drain Blocked	Yes	In Progress	July 15, 2022	Brittney	bparsons@pa

Details

Comments (1)

Wasp nest

Park/Tree problem reported on July 16, 2022.

Details: Ben's Red Swings bathroom right side on ceiling

Scott
4433664634
pizzascott1979@gmail.com

Location: 504 S PARK DR, SALISBURY, MD, 21804

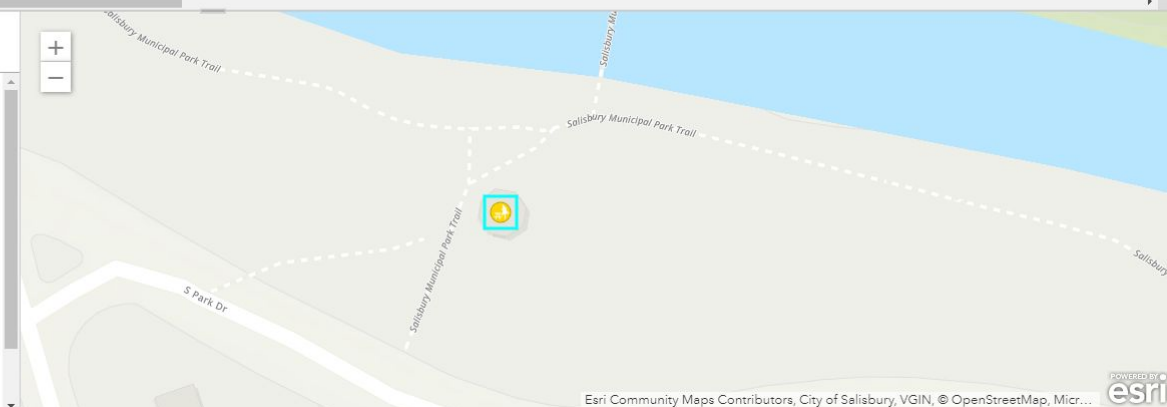
Status:

Submitted

Received

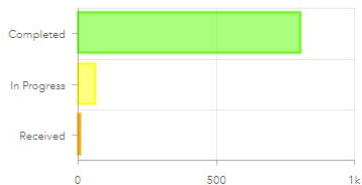
In Progress

Completed

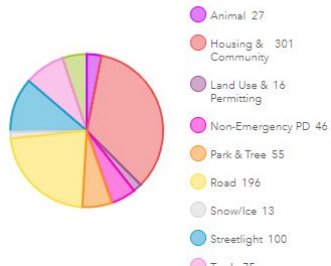


Citizen Problem Dashboard

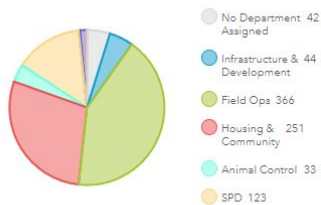
Problem Status



Problem Category



Problem Assigned To

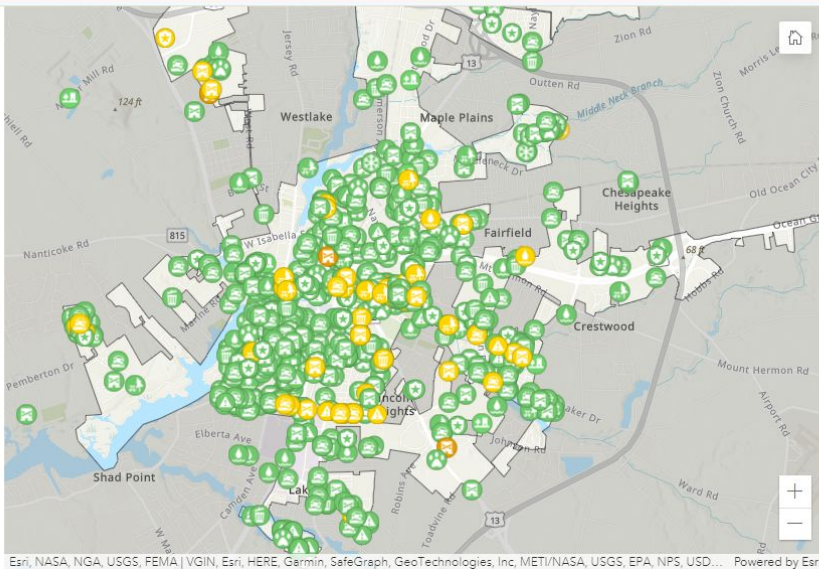


Last update: 17 seconds ago

Metrics

Problem Reports

Survey Results






New Reports by Month

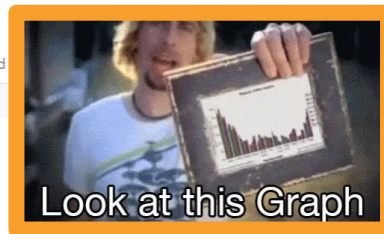


Problems Reports

⚠ 874

	Tall Grass or Weeds July 17, 2022	0 Days HCDD
	Illegal Home Occupation July 17, 2022	0 Days HCDD
	Drug Related Activity July 17, 2022	0 Days SPD Drug Task Force
	Flooding or Standing Water July 16, 2022	2 Days Water Works
	No poop bags at dog park on north park dr July 16, 2022	2 Days Field Ops
	Wasp nest July 16, 2022	2 Days Field Ops
	Other July 16, 2022	2 Days Field Ops
	Storm Drain Blocked July 15, 2022	3 Days Water Works
	Tree in the road July 15, 2022	NaN Days Field Ops
	Bees July 14, 2022	4 Days Field Ops
	Illegal Parking July 13, 2022	1 Days SPD
	Bicycle Theft July 13, 2022	1 Days SPD
	Other July 13, 2022	5 Days Field Ops

Most recent 50 reported



Look at this Graph



[Report an Issue](#) [Resident Services](#) [Guides](#) [News](#) [Pay a Bill](#) [MENU](#)

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BIKE NETWORK

CITY OWNED
LANDS

DOWNTOWN
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HOUSING
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PROPERTY &
ZONING VIEWER

IMPERVIOUS
SURFACE VIEWER

NEIGHBORHOODS
VIEWER

OPEN DATA HUB

PLANNING &
ENVIRONMENT

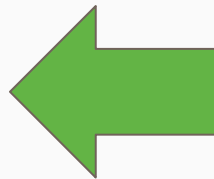
PUBLIC WIFI

SIDEWALK
CONDITION

STREET
CONDITION

UTILITY VIEWER

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Access data, viewers
and other apps directly
from the City's website.

Or directly from our
Open Data Hub Page!



Browse Data by Category

There's a lot to see here, so feel free to peruse our data library by the following categories:

Search for Open Data, Apps and more...



Apps



Arts, Culture, Tourism



Boundaries



Business & Economy



Community



Environment



Infrastructure



Land Use Planning



Local Government



Parks & Recreation



Public Safety



Transportation




City of Salisbury: Open Data Hub

Browse Data by Category

There's a lot to see here, so feel free to peruse our data library by the following categories:



The image features a blue background with a repeating geometric pattern of white triangles. The triangles are arranged in a way that they point towards the center, creating a sense of depth and movement. The pattern is consistent across the entire image, framing the central text.

**What have we been up
to this quarter?**

An aerial photograph of a city street intersection and a bridge over a river. The bridge is a concrete structure with multiple lanes, crossing a dark river. Lush green trees line the streets and the riverbank. A small dock or pier is visible on the right side of the river. The overall scene is bright and clear, suggesting a sunny day.

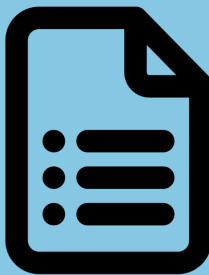
The Problem

HCDD was recording all homeless intake and interactions on paper. Staff is busy performing crucial services with no time to compile and organize data.

	A	B	C	D
type		name	label	
		client_intake_page	<p style="text-align:center;">Client Initial Intake Form	
		generated_note_surveyDescription	<p style="text-align: center;">Initial Intake for Housing & Community Development Client	
		generated_note_form_submit_text	Submit	
		generated_note_form_footer	Pov	
		generated_note_prompt_submitted	<p style="text-align:center;"> </p><p style="text-align:center;"><img alt="undefined" src="IzMliivPjxwYXRoiGZpbGw9IiNGRkYiIGQ9Ik0yMi42NjEgMzAuMjQ2bDUuMTgyIDQuOTg="	
		first_name	First Name	
		last_name	Last Name	
		full_name	Full Name	concat(\${first_name}, ' ', \${last_name})
		client_id	Client ID	concat(\${last_name},',', format-date(now(), '%y-%m-%d-%H%M'))
		basic_information	Basic Information	
		housing_status	Housing Status	
		housing_status_other	Other	
		date_of_birth	Date of Birth	
		age_at_intake	Age	int((today() - \${date_of_birth}) div (1000*24*60*60* 365.25))
		race	Race	
		race_other	Other	
		gender_at_birth	Gender at Birth	
		gender_identity	Gender Identity	
		head_of_household	Are you the head of household?	
		contact_information	Contact Information	
		client_phone_number	Client Phone Number	
		client_emergency_contact	Client Emergency Contact	
		emergency_contact_relation	Emergency Contact Relationship	
		emergency_contact_phone	Emergency Contact Phone Number	
		client_picture	Client Photo	
		health	Health	
		physical_disabilities	Do you suffer from any physical disabilities?	
		physical_disabilities_desc	Physical Disabilities	
		mental_disabilities	Do you suffer from any mental disabilities?	
		mental_disabilities_desc	Mental Disabilities	
		additional_information	Additional Information	
		domestic_violence	Are you experiencing or fleeing domestic violence?	
		under_25_homeless	Are you under 25, not living with a parent/guardian and without adequate nighttime residence?	
		children	Do you have children?	
		children_count	How many children under 18 do you have?	
		household_count	How many people are in your household?	

The Solution...

GIS



Survey123

- Initial Intake form with basic personal questions
- A repeatable Interaction form to track applications completed, services provided and client well being
- Interaction Summary using weighted fields from each form calculates the duration of each interaction

Homeless Services Activity Tracker

Client Initial Intake Form
Initial Intake for Housing & Community Development Clients

First Name *

Last Name *

Client ID
-22-0715-1324

- Basic Information
- Contact Information
- Health
- Additional Information
- Intake Information

Intake Comments:

1 of 3

COORDINATED ASSESSMENT SCREENING TOOL

Homeless Alliance for the Lower Shore (HALS) CoC

Agency Name _____ Date _____

Person Completing Form _____

Name _____ County _____

Street _____ City, State, Zip _____

SSN _____ Phone Number _____ DOB _____ Age _____

Number of household members _____ Number of Minor Children _____

Do you have income? ☐ Yes ☐ No | Source _____ Amount _____ weekly/monthly

Where did you stay last night? _____

How long have you stayed there? _____ When must you leave? _____

Why do you want/need to leave? _____

Are you receiving assistance from any agencies/organization(s)? ☐ Yes ☐ No

⇒ If **yes**, please list _____

Do you have health issues (physical, mental*, substance abuse) which require assistance? ☐ Yes ☐ No

⇒ If **yes**, please list _____

**if mental health services are needed, refer to PATH for assistance and continue with assessment*

Are you or a member of your family a veteran? ☐ Yes ☐ No

Are you experiencing or fleeing domestic violence? ☐ Yes ☐ No

Are you under 25, not living with a parent/guardian and without adequate nighttime residence? ☐ Yes ☐ No

Are you willing to stay in a shelter? ☐ Yes ☐ No

Do you need assistance to stay in your current housing or with finding alternate housing? ☐ Yes ☐ No

Do you need housing assistance as a result of COVID-19? ☐ Yes ☐ No

Additional Notes or Comments _____

Referrals Made

Date _____ Agency _____ Referral Reason _____

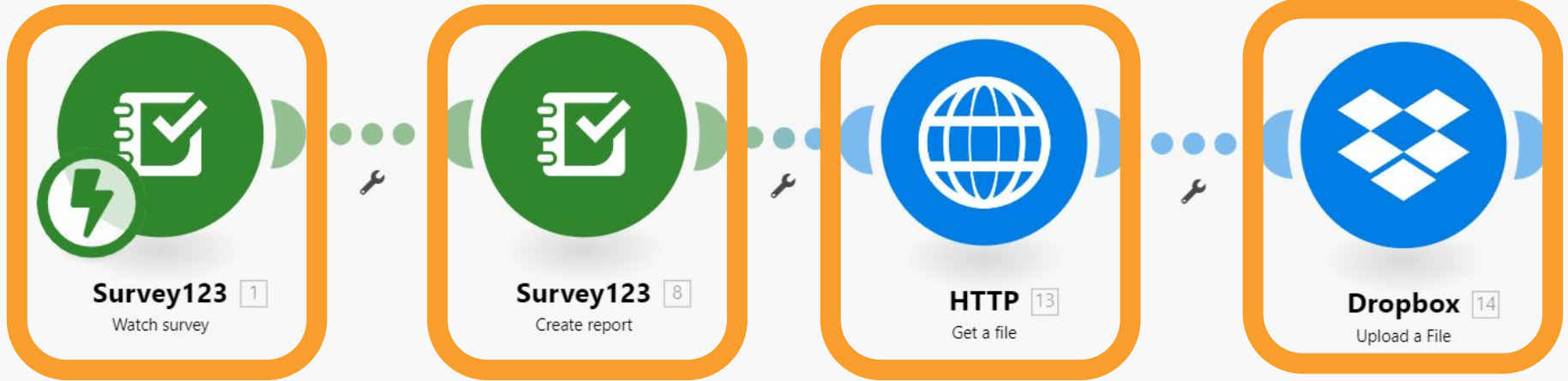
Date _____ Agency _____ Referral Reason _____

Date _____ Agency _____ Referral Reason _____

Outcome of Services Offered _____

Final Date of Contact _____

Make (formerly Integromat)





HOMELESS SERVICES ACTIVITY TRACKER



Demographics



Select a date

No date selected

37

Client Interactions

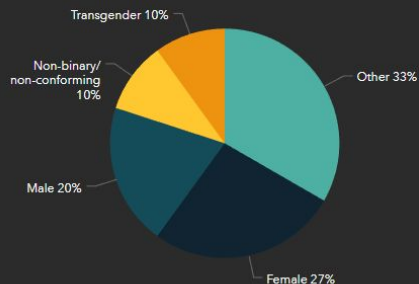
30

Clients Served

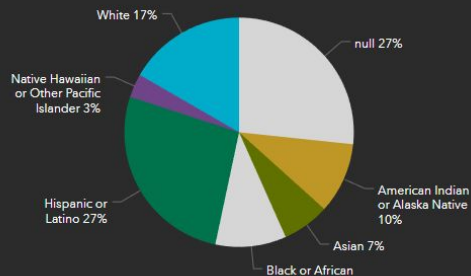
63.2

Time Spent with Clients (hrs)

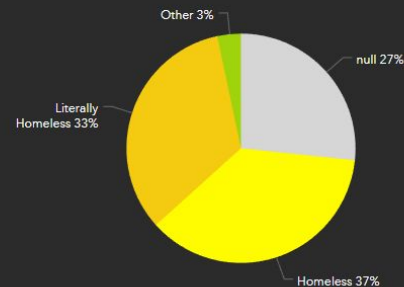
Client Gender Identity



Client Race



Client Housing Status



New Client Intake per Month





HOMELESS SERVICES ACTIVITY TRACKER

Client Interaction Dashboard

Select by Client
None

Select a date
No date selected

Total Interactions

20

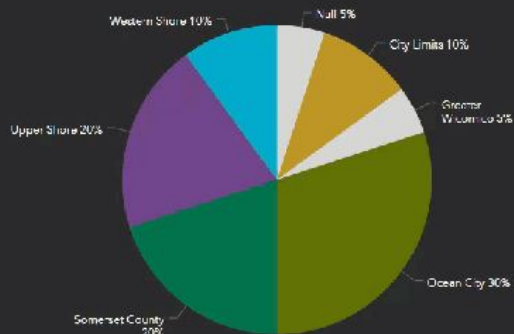
After Initial Intake

Total Interaction Time (hrs)

56.6

After Initial Intake

Transportation



Transportation

Shelter Referrals

Outreach Agency

Resources Provided

12

Food

13

Hygiene

12

Clothing

7

Bus Pass

1

Other Resources

Client Interactions per Month





HOMELESS SERVICES ACTIVITY TRACKER



Client Profile

Select a Client
None



Client Intake Information

Selection required on one or more elements

Client Information

Pain Level Over Time

Mood Over Time

Selection required on one or more elements

Selection required on one or more elements

Selection required on one or more elements



HOMELESS SERVICES ACTIVITY TRACKER



Homeless Services Activity Tracker Map



Select a Date
No date selected



Legend

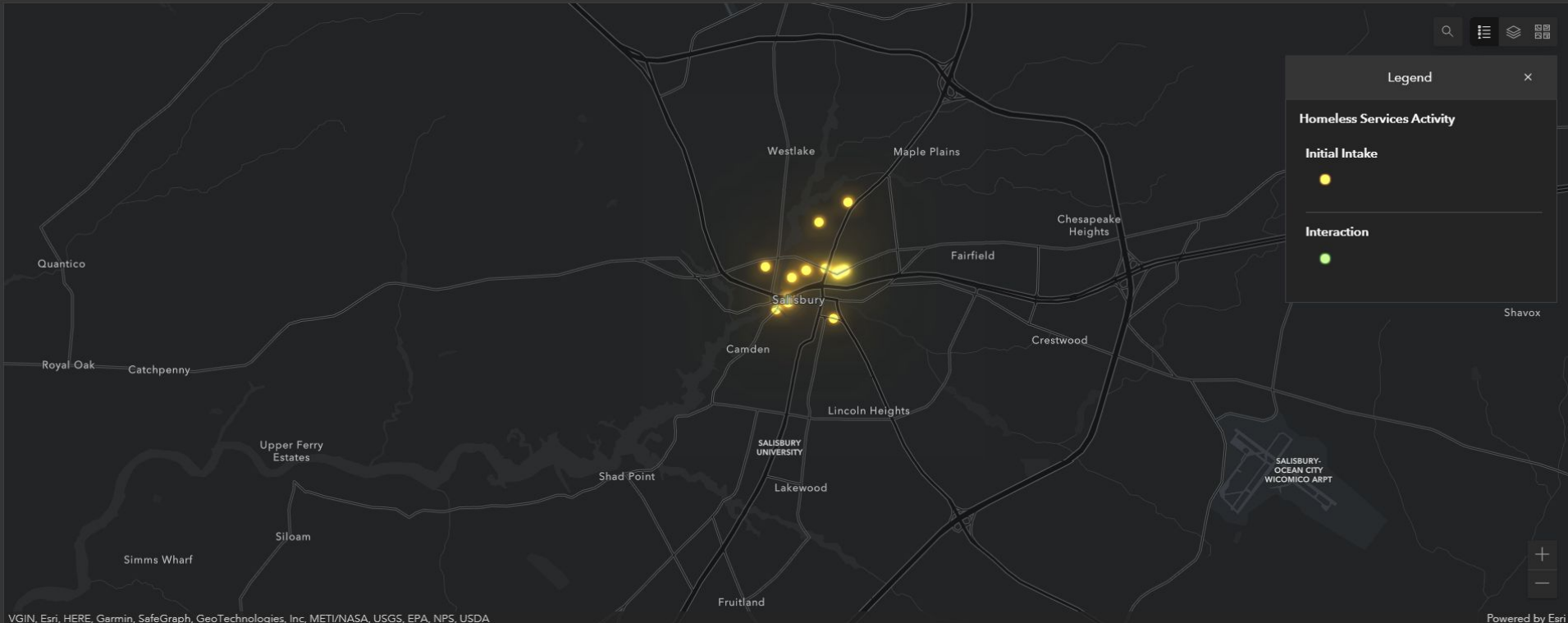


Homeless Services Activity

Initial Intake



Interaction



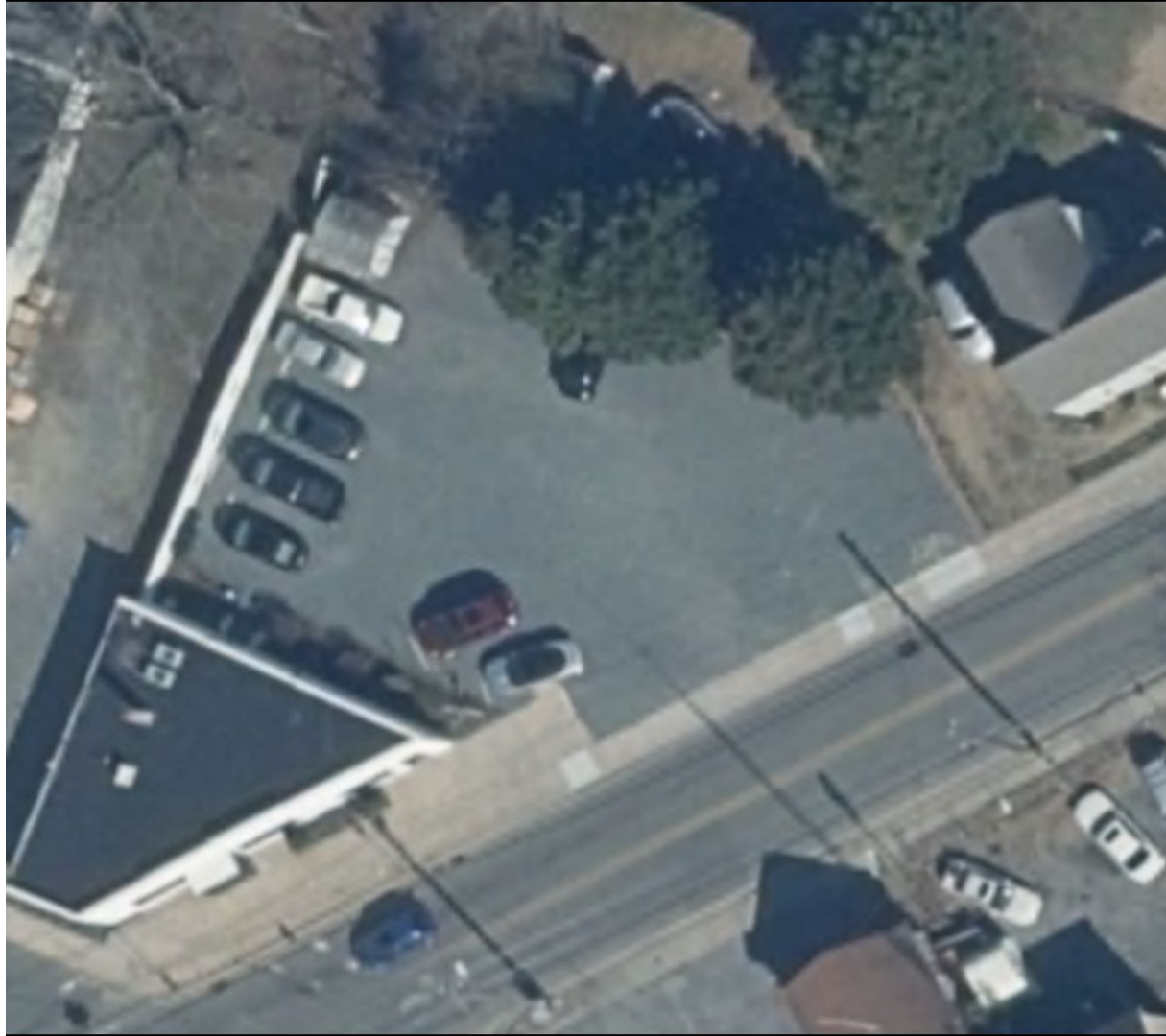


And now for something completely different.

DJI Matrice 210 RTK



Maryland Six Inch Imagery



Nearmap Three Inch Imagery



City of Salisbury 2cm



itsCreek

**Is it really
that much
better?**

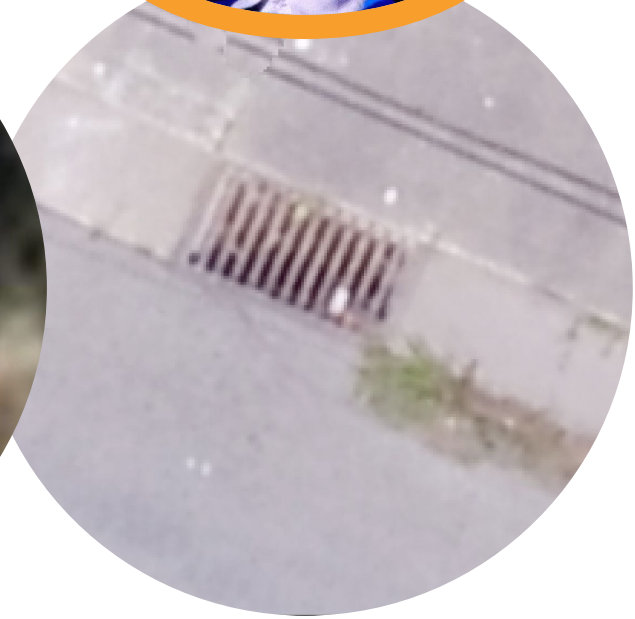
1:25



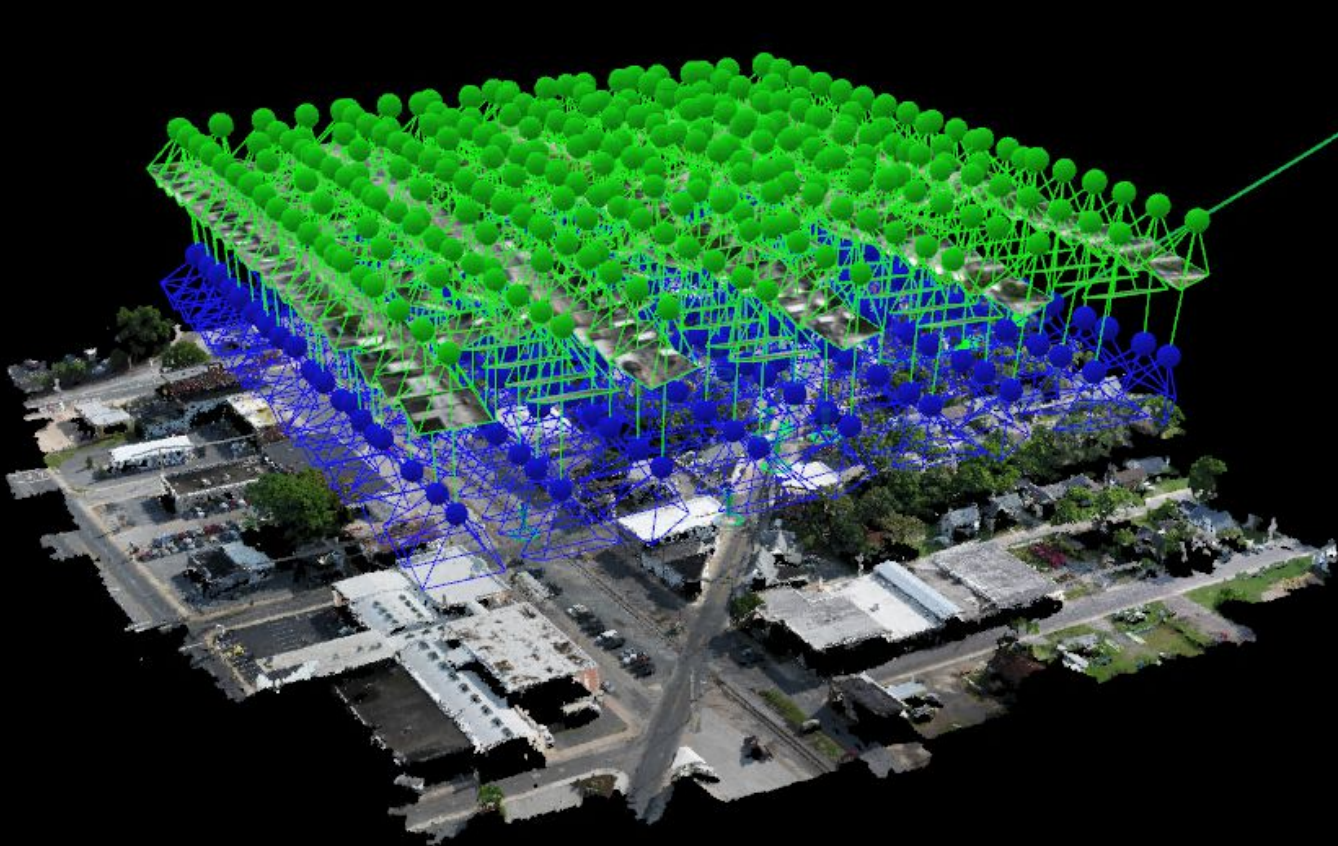
MD Six Inch



Near Map
Three Inch

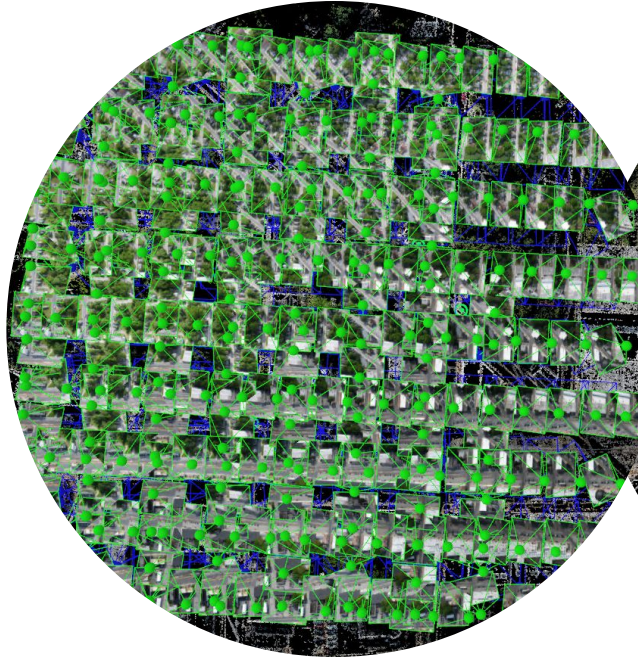


Salisbury Two
Centimeter

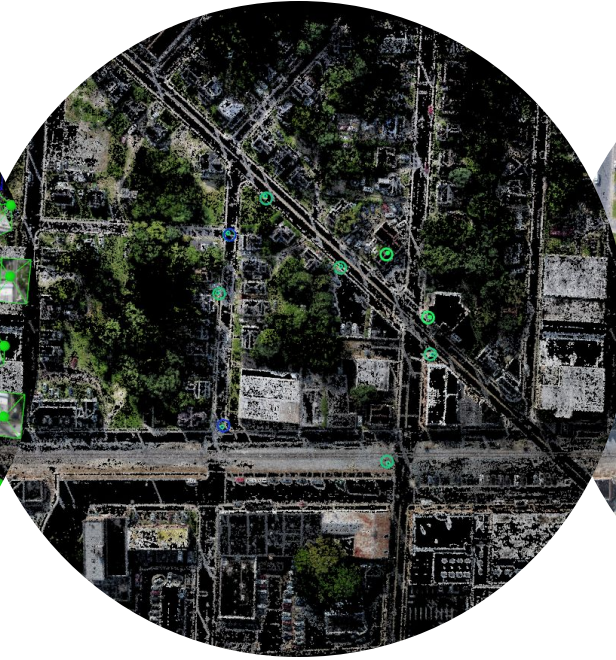


Pix4D Mapper and DJI Matrice 210 RTK

3D Outputs



Cameras and Rays



**Tie Points
and GCPs**



**Densified Point
Cloud**

3D Outputs



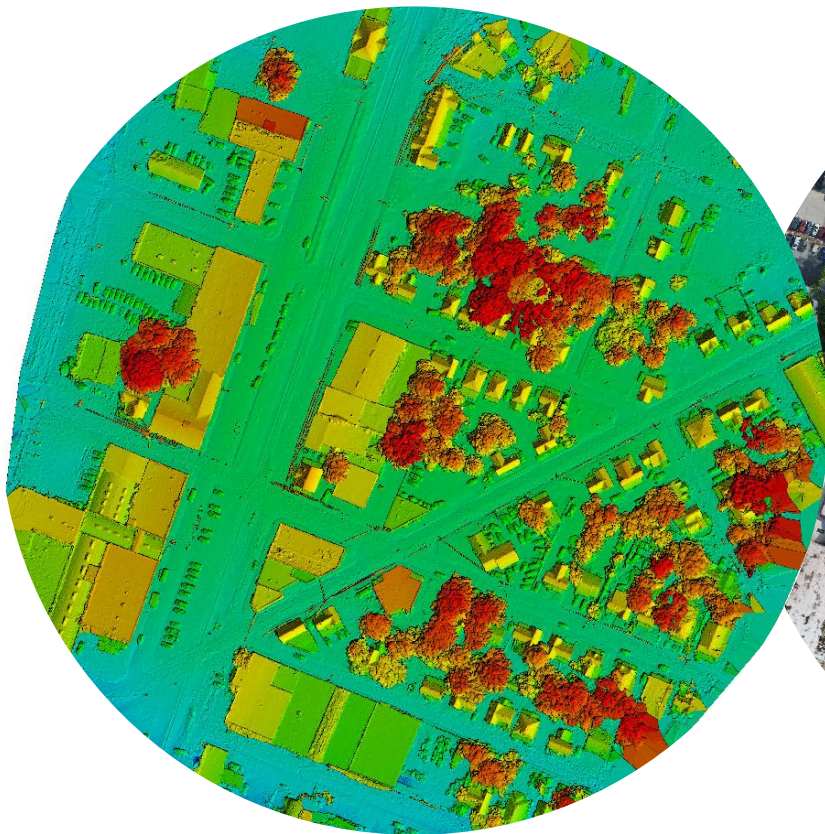
Densified Point Cloud



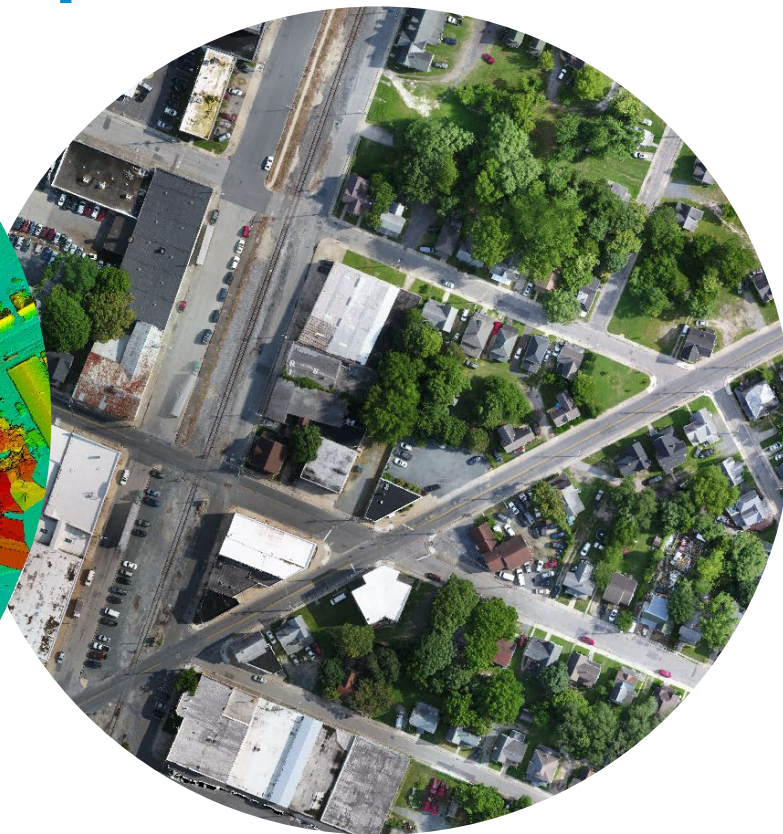
Triangle Mesh



2D Outputs



DSM



Orthorectified Aerial



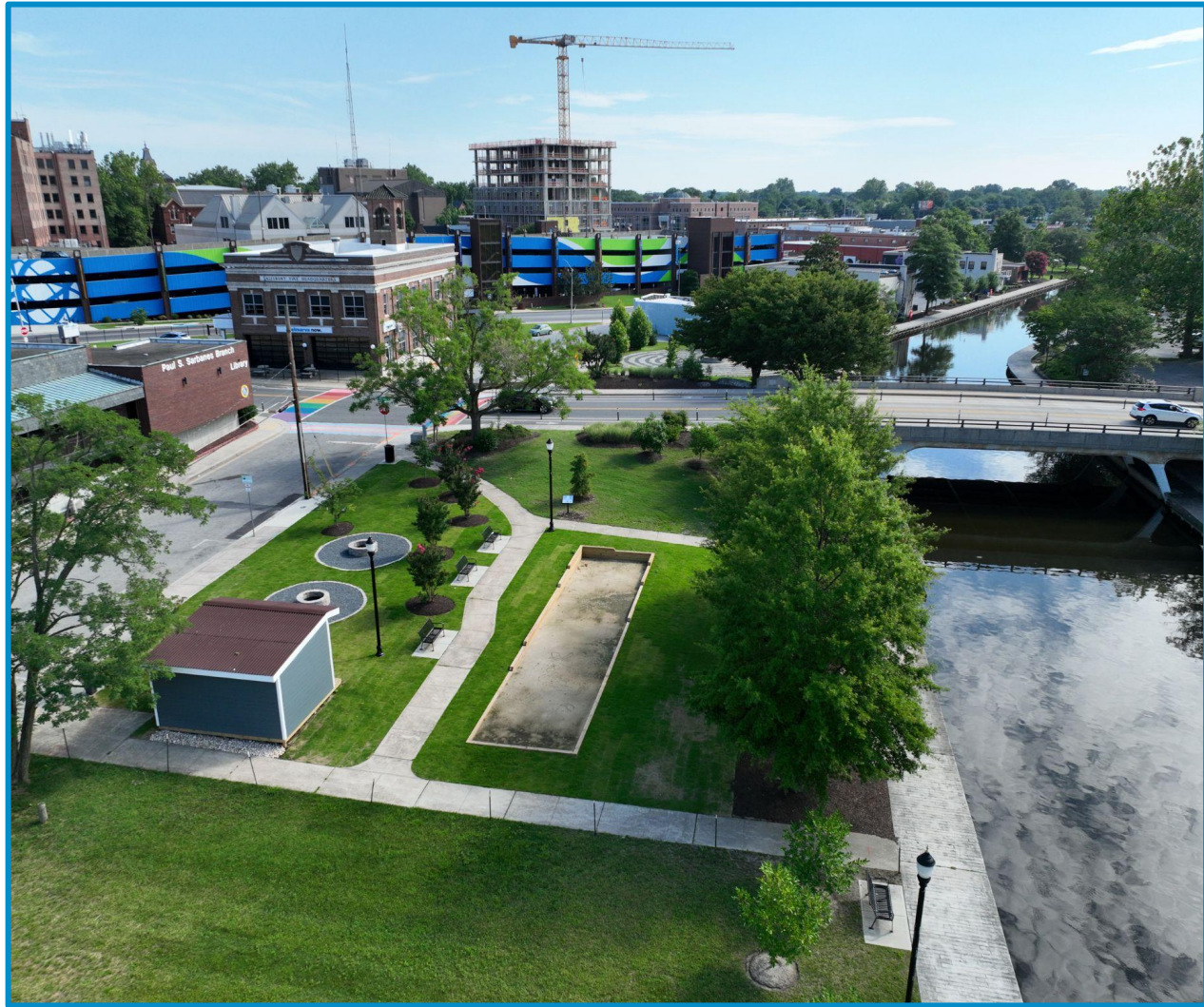
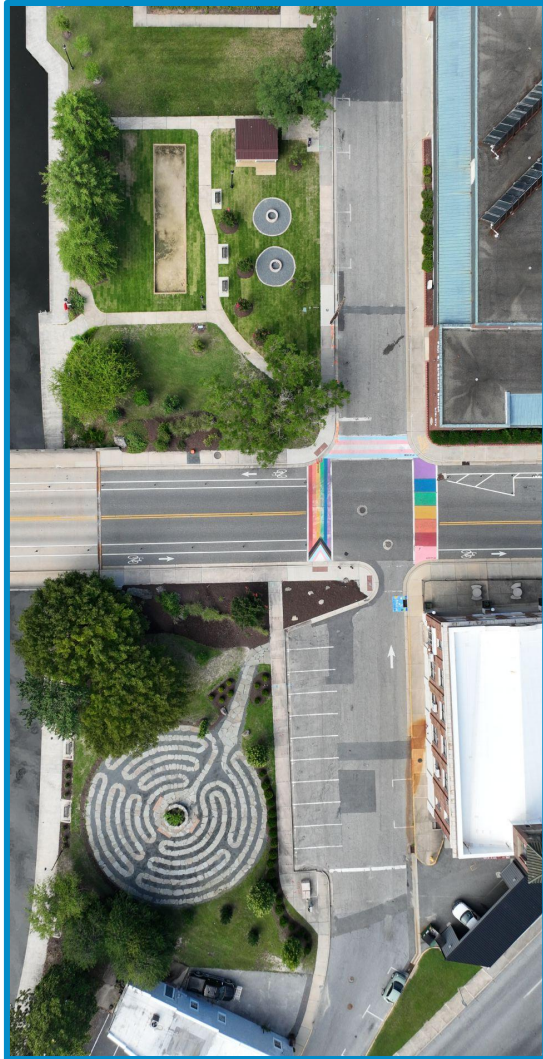
Select an object to view its properties or modify it.

Drones are
also great for
glamour
shots of our
beautiful city!



Meet Bob





The image features a central white rectangular area surrounded by a blue border. The border is composed of a repeating pattern of white triangles pointing inwards, creating a geometric frame around the central text.

What's next?



**Continue work to update
and maintain our existing
data.**

Sign Inventory and Road Condition Study



Mapping the Zoo



Welcome to the Salisbury Zoological Park





Keep doing
drone stuff



Thank
you!

Don't be a stranger!



Add me on
Linkedin



Explore our
Open Data
Hub



Contact us
at the City