

Andrew Lawson

From: Josh White <jwhite@arkansascityks.gov>
Sent: Thursday, July 29, 2021 3:11 PM
To: Andrew Lawson
Subject: Sidewalk Survey

Andrew,

I am starting to look into a web application for Sidewalk data collection. The important question I need to ask is what do we want the people to collect data on? Are we wanting people to just collect problems such as a crack or a trip hazard or do we want to do something more in depth where we are actually surveying the existing sidewalks?

Here is an example of a form that collects basic concerns from Bentonville, AR

<https://survey123.arcgis.com/share/d5f0fda909914cd7b4c4641380b7bdf7> It's live so don't try to submit anything.

Here's another one from Detroit

<https://survey123.arcgis.com/share/2df08564130241298d92f9663c318c2a?field:address=>

Here is another example of a form, just not for sidewalks

<https://survey123.arcgis.com/surveys/templates/b4c06f59254646e783551b74a68ab605>

What I like about this method of data collection is that it is simple, easy for anyone to understand and all of the concerns are added to GIS. But again, the question is, what are we collecting? Problems or detailed sidewalk data?

My thoughts go along the lines of this:

Who am I? At least their name

Where am I? They could just use the map to click their current location

What problem do I see? Crack, trip hazard, missing sidewalk section, too steep, obstruction etc

What other details do I need to report?

Here is a photo: photo.jpg

This would generate points on a map. I could then create a special web map for sidewalks for more advanced users. If we want to collect detailed information about the sidewalks, we'll need to use another method.

I went ahead and created a survey just to get us started. I plan to walk home for lunch and collect some data. If you want to look it over, let me know, I can still change things. It can be found by visiting <https://arcg.is/OCWzav> It can be updated either via the Survey123 app that can be downloaded from the appropriate app store or in a browser. I'm working on a webmap as well. <https://experience.arcgis.com/experience/e6c16f0ff0844b079df5db77c56263a2> but I am having some issues with it. It is supposed to show the sidewalks, curb ramps and the reports from the form. I ran into some corruption so I had to start over and lost the data. Hopefully that is a one-time issue.

Josh White, AICP

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Andrew Lawson

From: Josh White <jwhite@arkansascityks.gov>
Sent: Tuesday, February 15, 2022 3:47 PM
To: Andrew Lawson
Subject: Sidewalk Explorer Dashboard

Follow Up Flag: Follow up
Flag Status: Flagged

Andrew,

I created a new dashboard for the sidewalk project. I also collected a few new features. I walked along the 1st Street sidewalk along City Hall and added 4 entries in that short distance. Honestly, there were a couple more that I didn't actually document. This may be a very large project. The Survey123 app worked great. The new dashboard can be found at <https://arkcity.maps.arcgis.com/apps/dashboards/c4e7e59d7f334cbc96c1ae309e5c3161> What's cool about this is at the left there is a listing of all responses sorted by date that can be clicked on which will zoom to the feature and open the popup. There is also a pie chart that shows the amount of each issue and by clicking on a slice, the map will be filtered to only show that issue. You can also click the legend next to the chart to exclude an issue which is also cool. I also have changed the curb ramps to diamonds to help show the difference. The color codes for the curb ramps are the ADA compliance level as I observed when I was walking the city a few years back. Blue is full compliance, yellow is partial, red is non-compliance, and white was not assessed but was added from aerial imagery. The colors for the issues on sidewalks are random for each type but help us to see a pattern. The pie chart doesn't match them unfortunately. As more data gets put in, I'll see if I can fix that.

Josh White, AICP

Principal Planner

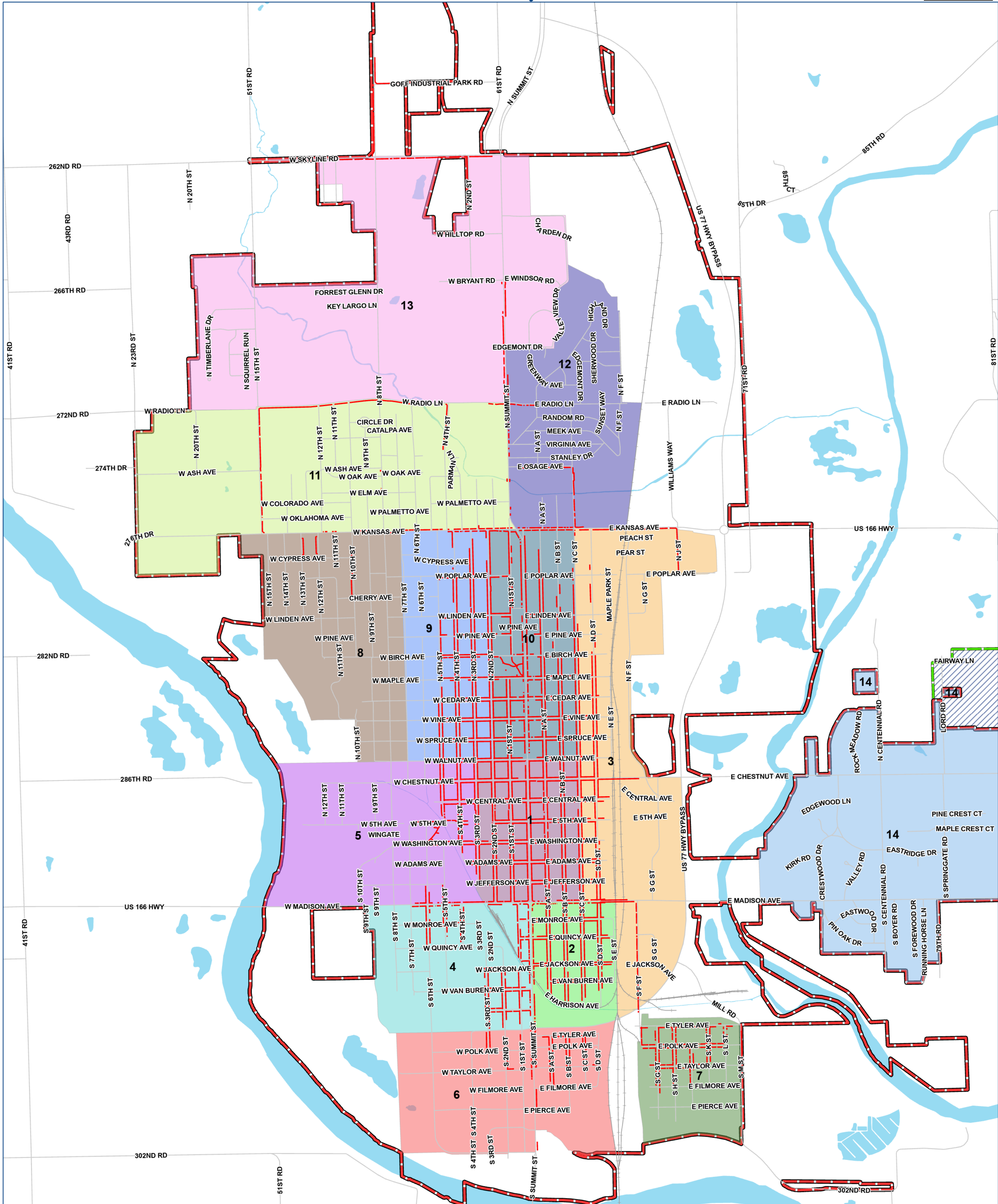
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Sidewalk Survey



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— Sidewalks



<https://arcg.is/0CWzav>

1. Anita Judd-Jenkins / Josh White
2. New member / group effort
3. Anita Judd-Jenkins
4. Rags Smith
5. James Fry
6. Rags Smith
7. New member / group effort
8. James Fry / Tammy Lanman-Henderson
9. Bob Baker
10. Andrew Lawson
11. Tammy Lanman-Henderson
12. JoAnn Bierle
13. JoAnn Bierle
14. No sidewalks