USE CASE

Asset Inspections

Does your community need an organized process for conducting asset inspections?

✔ **Capture Asset Conditions Quickly**

✔ **Note Any Action Required**

✔ **Tag Conditions Accurately**

✔ **Review and Share Captures and Comments**
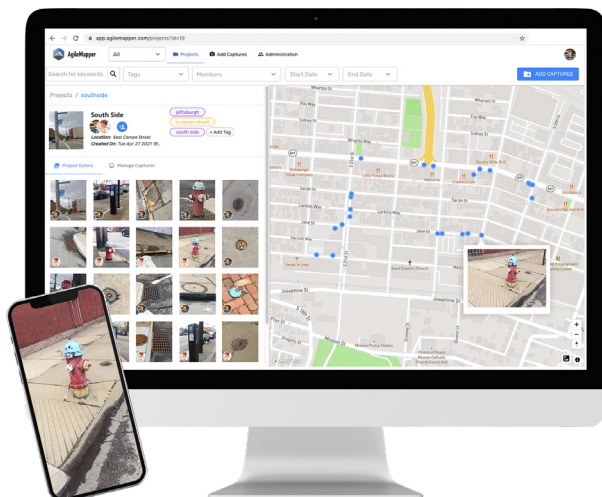
Challenge

You need to carefully assess and record the current condition of public infrastructure assets like signs, street lights, benches, trees, manholes, and fire hydrants on a regular basis, whether monthly, annually, or bi-annually.

Constraints

Asset inspection work requires careful documentation and proof of condition. Finding a comprehensive, user-friendly asset inspection platform that allows you to store details and images is difficult.

Motivation

An automatic tagging and organized categorization system reduces the time and effort required to complete an inspection. Since multiple images are needed to fully document each asset, storage of all data must be robust and secure. Most of all, the platform needs to communicate an accurate, objective view of an asset over time between field crews and the office.

Solution

AgileMapper helps you build meaningful maps and make data-driven decisions powered by artificial intelligence (AI).

Start by uploading your existing visual data to the AgileMapper desktop website or by downloading the AgileMapper mobile app on your smartphone. To begin collecting new visual data, use the camera on your smartphone to capture images of the conditions of each asset. AgileMapper's AI quickly assigns appropriate image tags, like Street Sign, Fire Hydrant, or Bench, that you can later use to sort and analyze. You can also create your own set of tags based on your current condition rating system.

Now, once the field work is complete, your valuable, high-definition images, tags, and geo-spacial data are mapped on the interactive AgileMapper platform right from your office or desktop. You can filter out and sort by any tag you'd like, so you can focus your attention only on the assets, condition levels, or even users you care about – empowering you to better prioritize your maintenance and budgets. AgileMapper can also be shared in a view-only format internally or externally to improve communication, promote accountability, and increase transparency. If you are already using a major GIS platform like QGIS or Esri, we can help with integration.