Intelligent Automation

How City of Allen Park Digitized and Automated Asset Management Plan Creation, Management & Maintenance

OVERVIEW

The City of Allen Park is in the State of Michigan with a population of around 28,000. It is most famously known as the home of Detroit Lions football team and is also the site for the team's headquarters. Like any mid-western city it has limited resources to maintain its water infrastructure.

City embarked on utilizing **Asset Management** framework to catalog, analyze and understand city's assets and risk profiles. In addition it needed an ability to easily build various planning scenarios for CapEx budget approvals.

The Challenge it had was to not only automate the resource, cost and time intensive effort involved in asset management but also digitize, so the incoming workforce does not take three years to learn like they did. Finally, it needed an automated approach to updating asset risk profiles while meeting state regulatory requirements on asset management plans submissions.

To meet these requirements, City of Allen Park implemented **Aquasight's AMP**. AMP is a cloud based GIS enabled software, with anytime and anywhere access. AMP automated the asset management workflow and provided analytics and insights. It had the ability to build capital scenarios within minutes. Aquasight implemented AMP including data migration and required very minimal effort from the utility.

BENEFITS REALIZED

- Reduction in time & cost to manage and maintain asset plans
- Configurable KPIs, Service levels and standardized risk calculations
- Auto BRE update as time elapsed, and COF, BRE formulae integration
- Interactive GIS system with filters to view various scenarios
- Analytics and insights including replacement cost analysis
- Asset editor and history tracker enabling easy knowledge transition and auditing
- Export asset plans and generate capital planning scenarios for up to 25 years
- Tablet enabled easy access requiring minimal training
- AMP scales to any utility size and asset volume
- AMP can be integrated with any source system such as GIS, CMMS

"With the integrated asset plan in AMP we can adjust the useful life and BRE with a simple update in a very user friendly software, taking off hours and possibly days of time to update our asset management plan"

TOM MURRAY, Public Services Director, City of Allen Park

AMP

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