AssetWORKS

6 TECHNOLOGIES TO ELEVATE PUBLIC WORKS OPERATIONS

To continue delivering essential services, public works agencies to look out for these six developing technologies:

1 Drones
Incorporating drones into general infrastructure projects (e.g., sewer and drain explorations, bridge and road inspections, and monitoring roadways) helps reveal issues that may not have been discoverable without the technology.

2 Cybersecurity
Technology is heavily involved with construction, operations, and infrastructure maintenance, so cybersecurity is a critical issue in public works. It is impossible to ensure systems are secure without the **appropriate software** to protect critical infrastructure.

3 Alternative to Funding Roads with Fossil Fuel Taxes
Federal spending on highways is funded primarily by gasoline and diesel fuel taxes, but those taxes paid by highway users do not yield enough revenue to maintain roadways. An alternative is to focus on fuel taxes-determined by the number of miles traveled by vehicles.

4 Geographic Information Systems (GIS)
GIS is a powerful way to collect, consume and analyze data while linking all divisions in a public works department. Its mapping provides insights to improve decision-making, increase efficiency and productivity of workflows, reduce asset management costs, and aid in emergency responses.

5 Asset Management Technologies
Asset management helps ensure you are meeting community needs while reducing costs. The right asset management technology ensures public works perform the right maintenance at the right time while monitoring the condition of assets: street signs, EV chargers, signals, sewers, and more.

6 Technology for Field Crews
Providing field crews with constant access to technology increases efficiency. A **mobile app** that integrates with asset management software streamlines tasks so field crews can focus on their job.

For more information on what technology AssetWorks offers, please visit www.assetworks.com/eam.

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