Cartegraph Assets

The asset's geometry type, point, linear, or polygon, is listed after each description.

Transportation Assets

Bridge

Our Bridge tool is the data-driven, field-ready bridge management solution. Effectively capture and track powerful inspection data, perform and schedule maintenance, and safeguard your bridges and their underlying structures. Asset shape: LINEAR.

Guardrail

Use our powerful Guardrail asset to build a detailed inventory, create effective inspection and maintenance schedules, and predict the service life of your guardrails. Asset shape: LINEAR.

Light Fixture

Keep your citizens safe and control energy costs. Use the high-performing Light Fixture solution to capture and inspect inventory, track maintenance history, and forecast the service life of light fixtures and their components. Asset shape: POINT.

Marking

Use our effective Marking solution to build a powerful inventory, create high-performing inspection and maintenance schedules, and predict the service life of every longitudinal and transverse marking in your community. Asset shape: LINEAR.

Pavement

The Pavement tool is a simple, powerful solution for extending the service life of your pavement segments. It has everything you need to efficiently manage inspections, maintenance, repairs, and more. Use it in combination with our other Transportation solutions and get full visibility of your entire network. Asset shape: LINEAR.

https://campus.cartegraph.com/learn/Product_Resources/Feature_Documents/Cartegraph_Assets
Pavement Area

Pavement Area is an effective solution for extending the service life of your pavement segments as polygon—rather than linear—assets. This asset has everything you need to efficiently manage inspections, maintenance, repairs, and more. Pair it with our other Transportation solutions and get full visibility of your entire network. Asset shape: POLYGON.

Sign

The Sign feature is a high-performing solution for keeping your sign inventory up-to-date and functional. It has everything you need to effectively manage inspections, maintenance, retroreflectivity levels, and more. Use it in combination with our other Transportation solutions and get full visibility of your entire network. Asset shape: POINT.

Support

Manage your entire inventory of light and sign supports—from location and installation to maintenance activity and inspection history. Support even shares data with our Light and Sign solutions, giving users easy access to resources and accurate information in the field increasing your productivity for the benefit of your citizens. Asset shape: POINT.

Parks and Rec Assets

Park

Whether your park is a boat ramp, dog park, memorial, median, or recreational facility, use our Park solution to effectively care for and sustain all assets related to your park. Asset shape: POLYGON.

Athletic Space

Use our Athletic Space asset to build a detailed inventory and to create efficient inspection and maintenance schedules for your community's courts, courses, rinks, fields, and beaches. Asset shape: POLYGON.

Bench

Use Bench to efficiently manage your entire bench inventory. Location, installation, maintenance, inspection, and more. Use it in combination with our other Park assets to get full visibility of every associated Park asset. Asset shape: POINT.

https://campus.cartegraph.com/learn/Product_Resources/Feature_Documents/Cartegraph_Assets
Fence

The Fence tool is a comprehensive, field-ready fence management solution. Use it to efficiently capture and track inspection data, perform and schedule maintenance, and safeguard your fences and their underlying structures. Asset shape: LINEAR.

Landscape Area

Landscape areas are any defined planting areas. Create efficient inspection and maintenance schedules for the surface types and border types, and predict their service life. Schedule tasks for mowing, weed control, and beyond. Asset shape: POLYGON.

Park Amenity

The Park Amenity solution builds a powerful inventory, creates effective inspection and maintenance schedules, and predicts the service life of 14 different amenities like trash cans, planters, picnic tables, fountains, and a broad spectrum of materials. Asset shape: POINT.

Park Structure

Park Structures are any structure with a roof, or a roof and walls. Efficiently Manage the inventory, location, condition, and work history for pavilions, sheds, shelters, restrooms, and more. Asset shape: POLYGON.

Playground

Use our Playground solution to build a data-driven inventory, create efficient inspection and maintenance schedules, and predict the service life of every playground in your community. Because a Playground asset is the container to the Playground Equipment asset, you can see all the tasks, requests, and costs for the playground and all its equipment in one place. Asset shape: POLYGON.

Playground Equipment

Manage 21 types of playground equipment like swings, sandboxes, and seesaws. With this asset you can build a powerful inventory, create effective inspection and maintenance schedules, and predict the service life of pieces of playground equipment in your community. Asset shape: POINT.

Tree

Our high-performing Tree solution ensures that accurate information is captured during appraisals, inventory, maintenance, removal, and other activities. Conduct efficient tree appraisals based on the Council of Tree and Landscape Appraisers’ Guide for Plant Appraisal, 9th edition. Asset shape: POINT.

https://campus.cartegraph.com/learn/Product_Resources/Feature_Documents/Cartegraph_Assets
Walkability Assets

ADA Ramp

A simple, powerful solution for extending the service life of your ADA Ramp. It has everything you need to effectively manage inspections, maintenance, repairs, and more. Asset shape: POINT.

Light Fixture

Improve safety for your citizens and manage energy costs. Use the field-ready Light Fixture solution to capture and inspect inventory, track maintenance history, and forecast the service life of light fixtures and their components. Asset shape: POINT.

Pavement Area

Pavement Area is a high-performing solution for extending the service life of your pavement segments as polygon—rather than linear—assets. It has everything you need to effectively manage inspections, maintenance, repairs, and more. Use it in combination with our other Transportation solutions and get full visibility of your entire network. Asset shape: POLYGON.

Sidewalk

Use the Sidewalk solution to capture data-driven information about your sidewalk inventory—from location and installation to maintenance activity and inspection history. Use it in combination with our other Pavement asset solutions and get full visibility of every network component. Asset shape: LINEAR.

Sign

Sign is a simple, powerful solution for keeping your sign inventory up-to-date and efficient. It has everything you need to effectively manage inspections, maintenance, retroreflectivity levels, and more. Use it in combination with our other Transportation solutions and get full visibility of your entire network. Asset shape: POINT.

Support

Manage your entire inventory of light and sign supports—from location and installation to maintenance activity and inspection history. Support even shares data with our Light and Sign solutions, giving users easy access to resources and accurate information in the field increasing your productivity for the benefit of your citizens. Asset shape: POINT.
Tree

Our high-performing Tree solution ensures that accurate information is captured during appraisals, inventory, maintenance, removal, and other activities. Conduct tree appraisals based on the Council of Tree and Landscape Appraisers' Guide for Plant Appraisal, 9th edition. Asset shape: POINT.

Sanitary Sewer

Sewer Cleanout

Sewer Cleanout is a data-driven solution for tracking inventory, inspections, maintenance, and event history of sewer cleanouts. Combine it with our other efficient Sewer solutions and get full visibility of every network component. Asset shape: POINT.

Sewer Facility

Sewer Facility is a simple tool for keeping wastewater facilities up-to-date and functional. It has everything you need to effectively manage facility inspections, maintenance, repairs, and more. Use it in combination with our other sewer utility solutions and get full visibility of your entire network. Asset shape: POINT.

Sewer Force Main

This feature is a best practice approach to force main inspection and maintenance. The Sewer Force Main feature has everything you need to capture powerful data during inspections, inventories, maintenance, and replacements. Combine it with our other Sewer solutions and get full visibility of every network component. Asset shape: LINEAR.

Sewer Lateral

The Sewer Lateral tool is a high-performing solution for utility maintenance crews. It has everything you need to inventory, inspect, and track history for every inch of pipe in your sanitary sewer network. Combine it with our other Sewer solutions and get full visibility of every network component. Asset shape: LINEAR.

Sewer Main

Sewer Main is an effective solution for public works and utility crews. Accurately inventory, inspect, and track the history of every inch of the main line in your sanitary sewer network. Combine it with our other powerful Sewer solutions and get full visibility of every network component. Asset shape: LINEAR.
Sewer Manhole

Effectively track the details of your entire manhole inventory, from location and installation to maintenance activity and inspection history with the Sewer Manhole solution. Pair it with our other Sewer solutions and get full visibility of every associated network component. Asset shape: POINT.

Sewer Pump

Develop a data-driven pump inventory using our field-ready Sewer Pump solution, which ensures that the right information is captured during inspections, maintenance, and replacements. Combine it with our other efficient Sewer solutions and get full visibility of every network component. Asset shape: POINT.

Storm Water

Storm Basin

An effective approach to storm basin management. The field-ready Storm Basin solution can be used to capture accurate data during installations, inspections, inventory, and maintenance. Pair it with our other Storm solutions and get full visibility of every part of your network. Asset shape: POLYGON.

Storm Channel

Storm Channel is an essential solution for post-flooding inspections, maintenance, and reporting. It has everything you need to accurately inventory, inspect, and track history for every channel in your drainage network. Combine it with our other high-performing Storm solutions and get full visibility of every network component. Asset shape: LINEAR.

Storm Culvert

Storm Culvert is another essential and effective tool for emergency maintenance situations. It has everything you need to accurately inventory, inspect, and track history for every culvert in your drainage network. Combine it with our other Storm solutions and get full visibility of every network component. Asset shape: LINEAR.

Storm Facility

Storm Facility is a simple, effective tool for keeping stormwater facilities up-to-date and functional. It has everything you need to efficiently manage facility inspections, maintenance, repairs, and more. Use it in combination with our other storm utility solutions for full visibility of your entire network. Asset shape: POINT.
Storm Inlet

Effectively track your entire inlet inventory, from location and installation to maintenance activity and inspection history. Use it in combination with our other Storm solutions and get full visibility of every associated network component. Asset shape: POINT.

Storm Manhole

Storm Manhole is an effective and essential tool for tracking inventory, maintenance, and inspections for your drainage system manholes and their components. Combine it with our other Storm solutions and get full visibility of every network component. Asset shape: POINT.

Storm Outlet

The Storm Outlet solution has everything you need to effectively inventory, inspect, and track history for every outlet in your stormwater drainage network. Combine it with our other high-performing Storm solutions and get full visibility of every network component. Asset shape: POINT.

Storm Pipe

Storm Pipe is a data-driven solution for utility maintenance crews. It has everything you need to efficiently inventory, inspect, and track history for every inch of pipe in your drainage network. Pair it with our other Storm solutions and get full visibility of every network component. Asset shape: LINEAR.

Storm Pump

Build an incredibly accurate pump inventory with Storm Pipe, a solution that ensures that the right data is captured during inspections, maintenance, and replacements. Combine it with our other highly effective Storm solutions and get full visibility of every network component. Asset shape: POINT.

Water Distribution Assets

Water Backflow

The Water Backflow solution has everything you need to effectively inventory, inspect, and track history for backflow prevention devices in your water network. Combine it with our other powerful Water solutions to get full visibility of every network component. Asset shape: POINT.
Water Facility

Water Facility is a simple tool for keeping water facilities up-to-date and functional. Our powerful Water Facility solution has everything you need to efficiently manage facility inspections, maintenance, repairs, and more. Use it in combination with our other high-performing water utility apps and get full visibility of your entire network. Asset shape: POINT.

Water Hydrant

The high-performing Hydrant solution ensures that accurate data is captured during inspections, maintenance, testing, and replacements. Combine it with our other Water solutions and get full visibility of every network component. Asset shape: POINT.

Water Lateral

Everything you need to efficiently inventory, inspect, and track history for every inch of lateral pipe in your water network can be found in the Water Lateral tool. Combine it with our other Water solutions and get full visibility of every network component. Asset shape: LINEAR.

Water Main

Use the data-driven Water Main solution to track every detail of your water main inventory—from location and installation to maintenance activity and inspection history. Use it in combination with our other high-performing Water solutions and get full visibility of every network component. Asset shape: LINEAR.

Water Meter

Use Water Meter to manage your entire water meter inventory more effectively, including location, installation, maintenance, and inspection. Use it in combination with our other Water solutions and get full visibility of every associated network component. Asset shape: POINT.

Water Pump

Our field-ready Water Pump solution ensures that accurate information is captured during inspections, inventory, maintenance, and replacements. Combine it with our other Water solutions to get full visibility of every network component and increase the productivity of your crew. Asset shape: POINT.

Water Storage Tank

Water Storage Tank is another powerful tool for maintaining water quality and safety. It has everything you need to effectively inventory, inspect, and track history for every storage tank in your water network. Combine it with our other Water solutions and get full visibility of every network component. Asset shape: POINT.
**Water Valve**

Use the data-driven Water Valve solution to manage your entire water valve inventory, including location, installation, maintenance, inspection. Pair it with our other high-performing Water solutions and get full visibility of every associated network component. Asset shape: POINT.

**Facility Assets**

**Electrical Generator**

Electrical Generator is one effective solution to keep your facility operational at all times, even during a power outage. Inspect inventory, track maintenance history, and forecast the service life of your electrical generators. Use this tool along with all other Facility solutions to get an accurate picture of Facility performance and increase productivity for the benefit of your citizens. Asset shape: POINT.

**Facility**

A Facility serves as a container, combining component tools to provide full visibility of your facility. Use our high-performing Facility solution to effectively manage inspections, maintenance, and repairs. See requests, costs, and overall performance. Keep facilities up-to-date and fully functional. Asset shape: POLYGON.

**Facility Lighting**

Manage every lighting fixture within your facility. with our Facility Lighting tool. Specify lighting fixtures by location, type, and bulb. Efficiently manage energy costs and illustrate facility performance. Use this tool along with all other high-performing Facility assets to get an accurate picture of Facility performance. Asset shape: POINT.

**Fire Protection**

Manage fire protection assets to keep your Facility safe. Inventory, inspect, track histories, and perform preventative maintenance of your fire protection assets to minimize facility damage in the event of a fire. Use this high-performing tool along with all other Facility assets to get an accurate picture of facility performance. Asset shape: POINT.

**HVAC Equipment**

One of the most important assets in a facility is the HVAC system. Make sure your HVAC system doesn’t fail at an inopportune time by tracking inventory, performing routine inspections and preventative maintenance, and extending its service life. Use this effective tool along with all other high-performing Facility solutions to get an accurate picture of facility performance. Asset shape: POINT.

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Plumbing Fixture

Manage all your plumbing fixtures in a facility with one all-encompassing solution. Inventory, inspect, maintain, and perform preventative maintenance of all your plumbing fixtures, thus saving costs by extending their service lives. Use this high-performing tool along with all other highly effective Facility solutions to get an accurate picture of facility performance. Asset shape: POINT.

Roofing System

Roofing System is an effective tool that helps predict service life, build inventories, create inspections, and scheduled maintenance of all your roofing systems. Use this efficient tool along with all other Facility assets to get an accurate picture of facility performance. Asset shape: POLYGON.

Flood Control Assets

Flood Protection Gate

Flood Protection Gate is another data-driven tool for flood protection. It has everything you need to accurately inventory, inspect, and track history for every gate in your flood protection system. Combine it with our other highly effective Flood Protection solutions and have full visibility of every flood protection system asset. Asset shape: POINT.

Flood Protection Generator

Flood Protection Generator is a powerful solution for ensuring flood protection generators work when you need them. It has everything you need to effectively manage inspections, maintenance, repairs, and replacements. Use it in combination with our other Flood Protection solutions for full visibility of your entire flood protection system. Asset shape: POINT.

Flood Protection Pump

Bolster safety by capturing accurate data during protection pump inspections, maintenance, and replacements. Combine it with our other high-performing Flood Protection solutions and get full visibility of every asset in your flood protection system. Asset shape: POINT.

Floodwall

The Floodwall tool is essential for ensuring the structural integrity of floodwalls. It has everything you need to efficiently inventory, inspect, and track history for every mile of the floodwall in your flood protection system. Combine it with our other data-driven Flood Protection solutions and get full visibility of every system component. Asset shape: LINEAR.
Levee Embankment

The Levee Embankment tool is the only dedicated solution for managing and maintaining levee embankments. This tool has everything you need to effectively inventory, inspect, and track history for every levee embankment in your flood protection system. Combine it with our other high-performing Flood Protection solutions and get full visibility of every flood protection system asset. Asset shape: LINEAR.

Pump Station

Pump Station is a data-driven solution for keeping pump stations up-to-date and a functional. Manage inspections, maintenance, repairs, and more. Use Pump Station in combination with our other highly effective Flood Protection solutions to gain full visibility on your entire flood protection system. Asset shape: POINT.

Signal Assets

Preemption

The Preemption tool is the first technology tailored for managing preemption equipment inventory, maintenance, inspections, and replacements. Use Preemption in tandem with our other data-driven Signal Management solutions for full visibility of signal-related assets. Asset shape: POINT.

Signal Cabinet

For managing your signal cabinet inventory, maintenance, inspections, and replacements, use the high-performing Signal Cabinet system in tandem with our other efficient Signal Management solutions for full visibility of signal-related assets. Asset shape: POINT.

Signal Controller

Smooth traffic flow begins with an effective signal controller. Manage your entire controller inventory, along with the maintenance, replacement, and repair of each one, all within a single, powerful solution. Use it in tandem with our other Signal Management solutions for full visibility of every signal-related asset and component. Asset shape: POINT.

Signal Head

The Signal Head Solution is for managing the most visible parts of your signalized intersections. Manage your entire signal head inventory, along with the maintenance, replacement, and repair of each one, all within one high-performing solution. Use it in tandem with our other efficient Signal Management solutions for full visibility of every signal-related asset and component. Asset shape: POINT.
Signal Monitor

When a failure at a signalized intersection happens, an effective **Signal Monitor** helps maintain safety by preventing every direction from having the green light at once. Manage your inventory, maintenance, and repair all within this data-driven solution. This is one of the many key components inside Signal Cabinet. Use this along with other signal-related assets for full visibility on all your signal components. Asset shape: POINT.

Signalized Intersection

The Signalized Intersection solution promotes efficiency and accuracy in the field. Create a container record for any **signalized intersection** and group all its connected assets within it. Effectively manage inspections, routine maintenance, emergency requests, and repairs. See a roll-up of the costs associated with maintaining the intersection in real time. Use it in tandem with our other Signal Management solutions for full visibility of every signal-related asset and component. Asset shape: POLYGON.

Traffic Camera

Traffic Camera is a data-driven solution dedicated to managing and tracking **traffic cameras**. Manage your entire camera inventory, along with the maintenance, replacement, and repair of each one, all within a single, high-performing solution. Use it in tandem with our other Signal Management solutions for full visibility of every signal-related asset and component. Asset shape: POINT.

Traffic Detector

Traffic detection helps you effectively optimize traffic flow through intersections. Track your inventory, maintenance, and repairs with the high-performing **Traffic Detectors** solution. Review historical data and determine which types of traffic detectors are the most reliable for the cost. Traffic Detectors are just one of the many powerful components used with Signalized Intersections. Use the Traffic Detectors solution along with all the other signal-related assets for full visibility of everything at an intersection. Asset shape: POINT.

Fleet Management

Vehicles and equipment are resources. But they’re assets, too. And they need the same regular maintenance and management as your other municipal assets. So we designed a smarter, easier way for you to manage them. Use Cartegraph’s Fleet management features to create efficient maintenance schedules, implement recurring maintenance tasks, gauge vehicle and equipment performance, and effectively plan for replacements and repairs.

*Not available for Cartegraph AMS*