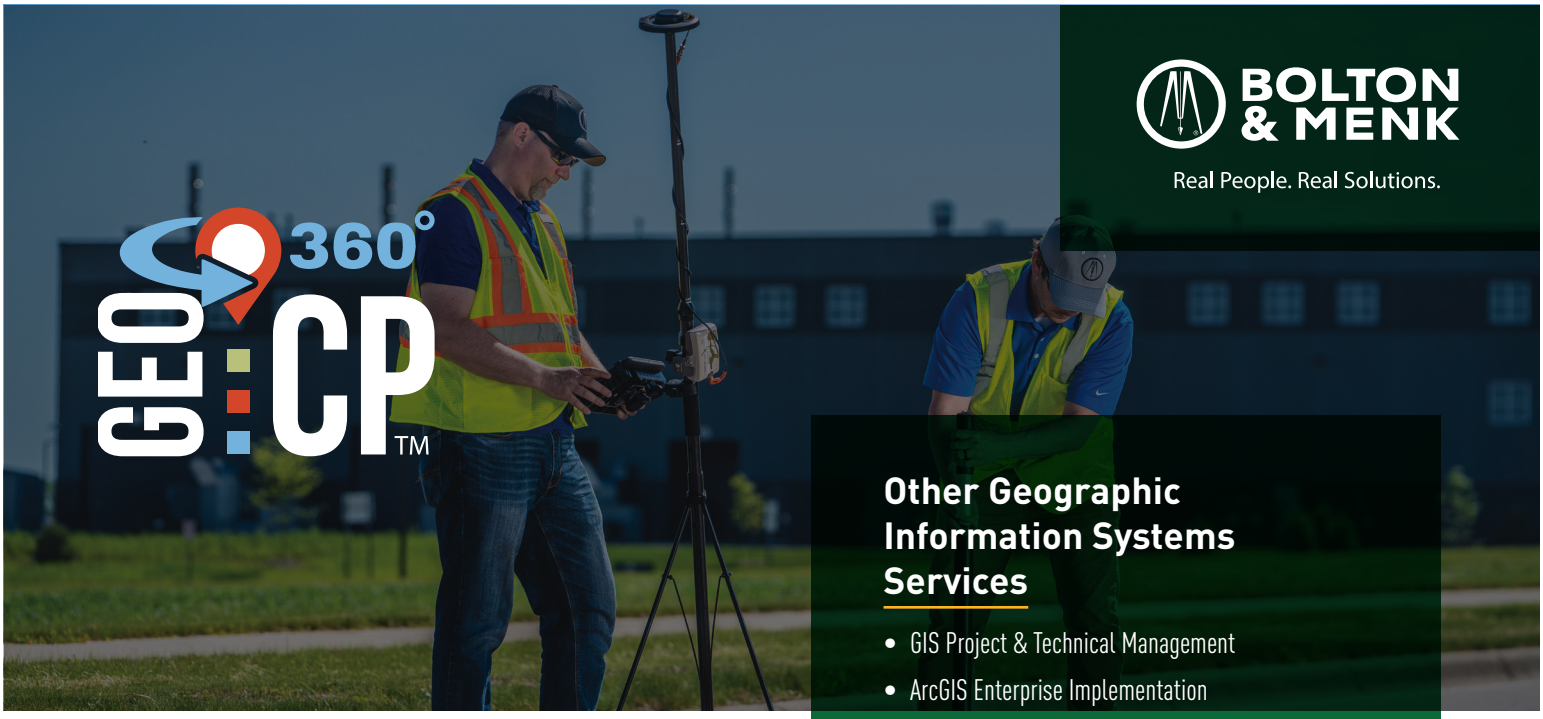

BOLTON & MENK

Real People. Real Solutions.

GeoCP™ 360 (Catalogued Photos) records an interactive photo of aboveground or belowground structures to help communities manage assets. This tool, developed by Bolton & Menk, allows the viewer to observe a snapshot in time and react to asset conditions. In addition to everyday GIS data collection, the 360-degree view provides visuals to support the data gathered. This technology also improves efficiency in terms of winter design work as staff can digitally observe summer conditions of infrastructure projects to reference once the snow falls.

Other Geographic Information Systems Services

- GIS Project & Technical Management
- ArcGIS Enterprise Implementation
- GIS Web Application Development
- Desktop GIS Customization
- Data Automation & Analysis
- Geospatial Data Collection
- UAV Services & Remote Sensing

Benefits

GeoCP™ 360 is a web application designed to

- Provide a cost-effective, easy solution to record visual data
- Mitigate and prevent potential structural issues
- Allow staff to prepare for the upcoming construction season by referencing 360-degree summer snapshots throughout winter design process
- Provide visual representations of previously recorded GIS data

How It Works

GeoCP™ 360 uses specialized cameras with 360-degree technology to produce an interactive photo of an infrastructure area. This tool is commonly used on roads, in underground structures, and in other structures to identify improvement areas. To provide visual data, this tool creates a street view of roads and captures underground structure components. Once the photos are taken, communities can access the images on an intuitive interactive application, which includes an inset map to spatially reference the interactive photos. Staff and clients can view infrastructure and receive immediate feedback on the spaces using any device.

GeoCP™ 360 in Action

The GeoCP™ 360 technology was used to prevent further structural issues in an underground structure. A 360-camera was lowered into the underground structure and captured a visual record of the area. The engineering team zoomed in on the interactive photo and discovered a blockage in the structure. From these photos, they were able to understand what the problem was and how to fix it.

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