



# Engineering and Delivery Solution for Smart Cities

## COMPREHENSIVE CITY INFRASTRUCTURE

Urban infrastructure professionals are experiencing huge changes with unprecedented infrastructure demands due to rapid population growth and ongoing urbanization in cities.

Bentley's City Engineering and Delivery Solution equips city officials and architecture, engineering, and construction firms to design city infrastructure more efficiently and streamline collaboration between stakeholders by:

- ◆ Designing and analyzing infrastructure faster and more effectively.
- ◆ Accessing accurate and relevant documentation easier in a collaborative interface.
- ◆ Making the handover process from design to construction faster with fewer issues.
- ◆ Sharing ideas easily with all stakeholders in an efficient, accessible, safe, and secure interface.

## CONNECT AND MANAGE DATA

Increase design project transparency for all disciplines and streamline the design to construction workflow by enabling designers, reviewers, and project owners to collaborate in a centralized environment.

## MULTIDISCIPLINE DESIGN

Produce accurate designs with a digital twin of the built environment with software specific to each discipline, including road, highway, bridge, rail, transit, electric utilities, water, wastewater, stormwater network engineering, campuses, industrial sites, public spaces, and buildings.

## IMPROVE COLLABORATION, EFFICIENCY AND SAFETY

- ◆ Design collaboratively over a precise digital version of the urban environment, minimizing errors and expediting construction.
- ◆ A connected data environment for designing urban infrastructure projects in a single source of truth.
- ◆ Configurable workflows for engineering, project administrators, and beyond.
- ◆ Fit-for-purpose capabilities for detailed engineering of streets, utilities, buildings, and any other urban asset.
- ◆ Immersive visualization for effective public participation.

## KEY BENEFITS

- ◆ Maximize land and asset utilization with planning and visualization tools
- ◆ Optimize infrastructure design, delivery, and operations to help cities with urban growth
- ◆ Implement new objectives for infrastructure design, delivery, planning, construction and operation
- ◆ Streamline design, saving time and resources
- ◆ Easy access to up-to-date information

