

Digital Scanning & Reality Capture for Transportation Infrastructure



Accurate existing-condition data for complex, real-world environments

Cantos Inc. provides **Scan to BIM and Point Cloud to BIM services** for transportation infrastructure projects, giving teams a fast, reliable understanding of existing conditions before design or construction begins, supporting you on rail, highway, bridge, and transit projects.

Reality Capture Capabilities

We use advanced ground and aerial scanning tools to capture complete site data:

- Mobile laser scanning (NavVis VLX)
- Interior documentation (Matterport Pro Camera)
- Aerial and large-scale capture (DJI Pro Drone)

Transportation Infrastructure We Support

- Railway stations, platforms, and bridges
- Highways, tunnels, and roadways
- Transit systems, terminals, and utility corridors

Models are delivered from **LOD 100 to 500**, based on project phase and scope.

Why It Matters

- Reduces unknowns in complex infrastructure projects
- Minimizes rework, RFIs, and change orders

At a Glance:

What it is:

High-resolution laser scanning and drone capture translated into accurate BIM and CAD deliverables.

What you get:

As-Built BIM Models and 2D CAD drawings representing real-world conditions.

What it supports:

Planning, design, coordination, construction, and as-built documentation.

Contact Us

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