

WEBINAR 03 — ATTENDEE RESOURCE GUIDE

Faster, Safer Infrastructure Inspection

Capturing the City — 3D Reality Data for Local Government

Inspecting roads, bridges, tunnels, drainage systems and public facilities can be time-consuming, disruptive and dangerous. This session explores how 3D laser scanning and mobile mapping can help local governments document infrastructure more quickly — while reducing the time personnel spend in traffic, confined spaces and difficult-to-access locations.

60 minutes · 2026 dates to be announced · Live audience Q&A

Use this guide before, during and after the session: read the summary, follow the agenda, take notes in the space provided and bring your questions to the live Q&A.

SESSION SUMMARY

Faster, Safer Infrastructure Inspection

Inspecting roads, bridges, tunnels, drainage systems and public facilities can be time-consuming, disruptive and dangerous. This session explores how 3D laser scanning and mobile mapping can help local governments document infrastructure more quickly — while reducing the time personnel spend in traffic, confined spaces and difficult-to-access locations.

Attendees will learn how detailed digital records can support condition assessments, maintenance planning, change detection, contractor coordination and capital-investment decisions.

Key topics covered

- Improving the speed and safety of inspections
- Documenting bridges, roads and public facilities
- Supporting condition assessment and change detection
- Reducing disruption to the public
- Creating defensible records for planning and engineering

What you should leave with

- Where scanning removes staff from traffic, heights and confined spaces
- How change detection between captures supports condition monitoring
- How to build a defensible, measurable record for engineering and legal review
- How to shorten lane closures and public disruption during inspection

Who this session is for

Public works directors, city and county engineers, GIS directors and managers, survey and mapping teams, transportation departments, facilities and asset managers, capital projects teams, police and fire departments, emergency management, and water and wastewater utilities.

AGENDA

How the hour is structured

Timings are approximate. The session runs 60 minutes with live Q&A in the final segment.

TIME	SEGMENT	LED BY
0:00 – 0:05	Welcome & series introduction	ConnectMii Events
0:05 – 0:15	Framing the problem: the local-government context	Moderator
0:15 – 0:35	Technology session: reality capture in practice	FARO
0:35 – 0:50	Practitioner case study from a public agency	Guest speaker
0:50 – 0:58	Live audience Q&A	All speakers
0:58 – 1:00	Wrap-up, resources & next session	Moderator

Pre-session checklist

Review these before the session so the discussion lands on your own situation. Tick what your agency can already defend with evidence.

- ☐ We can quantify hours staff spend in hazardous inspection settings
- ☐ Inspection records today are measurable, not just photographic
- ☐ We capture the same asset the same way each cycle so changes are comparable
- ☐ Inspection data is accessible to engineering and capital planning
- ☐ We have a target asset for a first scanning-based inspection

SPEAKERS

Who you will hear from

The full speaker line-up for this session is confirmed ahead of the event date. Registered attendees receive bios and affiliations by email.

FARO TECHNOLOGY SPECIALIST

Speaker to be announced

A FARO reality-capture specialist will walk through the hardware, software and field workflows behind the session topic, with real project examples drawn from public-sector deployments across North America.

PUBLIC AGENCY PRACTITIONER

Speaker to be announced

A practitioner from a city, county or public agency shares how their team put 3D reality data to work — what they captured, what it cost, what changed, and what they would do differently.

SESSION MODERATOR

ConnectMii Events

ConnectMii Events produces the Capturing the City series and moderates each session, keeping the discussion practical and focused on the needs of local-government teams.

NOTES

Your notes

Capture what applies to your agency: assets, workflows, costs, blockers and next steps.

Key points from the session

Ideas that apply to my agency

NOTES

Actions and follow-ups

ACTION	OWNER	BY WHEN

Resources or contacts to request

LIVE Q&A

Prepare your questions

The session closes with live audience Q&A. The most useful questions name a specific asset, department, budget constraint or workflow you are dealing with. Draft yours below and submit them in the Q&A panel during the session.

Prompts to get you started

- Which inspection puts our people at the most risk today?
- Where do we lose the most time to lane closures or access permits?
- What evidence would strengthen our next capital request?

My questions for the panel

Question 1

Question 2

Question 3

Question 4

Didn't get your question answered live? Email it to info@connectmiievents.com and the team will follow up after the session.