Shellharbour Council's AI Road-Defect Cameras — Automated Pothole and Hazard Detection Across a 500km Road Network

AI in the Public Sector · Good practice · Australia

Quality score: 53/100

Evidence strength: Descriptive / self-reported

Summary

Shellharbour City Council in New South Wales fitted council vehicles with AI-powered cameras that automatically detect and GPS-map potholes, cracks, faded line-marking, damaged signage and other defects across its 500km road and 300km pathway network, rating each defect by severi

Key dimensions

Dimension	Score
Evidence of impact / measured public value	1/3
Transparency, fairness & accountability	2/3
Transferability / demonstrated replication	2/3
Scalability beyond pilot	2/3
Governance, capability & sustainability	1/3

Evaluated by C-NAPSE

Data sources

C-NAPSE web research — accessed 2026-08-16

Shellharbour City Council — accessed 2026-08-16

Shellharbour Council media release — accessed 2026-08-16

Illawarra Mercury coverage — accessed 2026-08-16

Region Illawarra coverage — accessed 2026-08-16

Cite this — Evidoria. *Shellharbour Council's AI Road-Defect Cameras — Automated Pothole and Hazard Detection Across a 500km Road Network*. Persistent ID: a5cbc0f0-f586-4476-a7b9-08db99fee1c3.