For: Right-of-Way Director · Head of Road Maintenance & Permits

Typical IT / Analyst Prep: ~30 mins of historical permit & inspection CSVs

Road Scan: 4-Week Zero-Hardware NOC Inspection Sprint (AED 0 Upfront)

Forwardable technical scope for your operational or IT lead. No live logins, VPNs or production changes are used at any point in this study.

01 · EXACT READ-ONLY HISTORICAL EXTRACTS (CSV / XLSX / PDF)

EXTRACT / REGISTER	TYPICAL SOURCE	FIELDS / COLUMNS USED
1. Street-Works NOC Permit Register	ROW Permit Portal CSV	`permit_id, corridor_segment_id, contractor_id, excavation_type, valid_from, valid_to, barrier_class_res_54_2021`
2. Historical Field Inspection Outcomes	Inspector Dispatch CSV	`inspection_id, permit_id, visit_ts, shift_id, result_code (compliant / unpermitted / barrier_breach / trench_settlement)`
3. Optional Anonymised Patrol GPS Logs	Fleet Telematics CSV (if kept)	`shift_id, timestamp_5m, road_link_id (vehicle IDs hashed)`

02 · TWO SAFE EXECUTION PATHS (CLIENT CHOOSES)

Option A · Read-Only Slice Under Mutual NDA

Your team shares the agreed read-only historical export above after bilateral NDA signature. Nodal processes it in an isolated UAE-compliant workspace, returns the report, and purges files on study close.

Option B · Self-Run Inside Your Own UAE Network

Your IT team runs Nodal's auditable, dependency-pinned offline script locally on an isolated workstation inside your network and shares only the summary table if you choose.

Strict Security & Scope Boundary (What Is Never Requested):

Zero vehicle pod hardware, zero camera feeds, and zero live permit-portal logins in weeks 1–4.

03 · WRITTEN DELIVERABLE, STAGE HONESTY & COMMERCIAL TERMS

WRITTEN OUTPUT

Back-tested daily shift-routing comparison against your existing inspector schedule, quantifying confirmed breach yield with zero hardware before evaluating whether survey vans or fleet sensors are justified.

PUBLISHED STAGE & LIMITS

Stage: Simulated, internal review (32 runs on 45 synthetic days across 2,688 lane-km; never run on a real road). Re-ordering 12 inspectors' shifts from the permit register alone confirmed 31% of permit breaches for a register-steered planner built in review (Nodal's own zero-taxi planner reached 26%, and 33% with 80 taxi pods) vs 22% baseline. For settling permit-register trenches within 45 days: 26% with 80 taxi pods + 1 van vs 12% for 1 pooling van, while 2 pooling vans without taxis reached 29% at ~2.4× mileage and 3× patrols (8 mm sensor noise drops 26% to 20%).

MUTUAL NDA & FEE RULE

AED 0 upfront for this 4-Week Zero-Hardware NOC Inspection Sprint. Zero obligation to continue; any subsequent shadow pilot or rollout runs strictly on terms agreed in writing after your team verifies the findings.

Ready to run this check in writing — zero introductory call required

Request bilateral NDA or local runner: santiago@nodal.systems · Full register: nodal.systems/road-scan.html

AED 0 UPFRONT