

CoAct Solutions established in the year 2018. CoAct provides professional services for infrastructure development including Road condition surveys for Highways, Expressways, Roads (Urban / Regional / Rural), Tunnels, Bridges & Other Structures, Traffic, Transportation & Road Safety, Airports & Aviation System, Railways & Metro Rails, Urban Regional Planning & Smart City Solutions and others for Quality Assurance using the state-of-the-art technology equipment.

Services We Offer

Functional and Structural evaluation of pavement, Soil and Geotechnical Investigation, Traffic and Transportation Studies, Geometric design of Highway, Design of pavement and Structures, Pavement overlay designs, Non-destructive testing, Road Safety Audits and Other Third-Party Inspection.

Pavement evaluation

- Network Survey Vehicle (NSV)
- Falling Weight deflectometer (FWD)/Heavy Weight deflectometer (HWD)
- Airport PCN evaluation
- Roughness Survey (5th wheel Bump Integrator)
- Benkelman Beam Deflection Survey (BBD Test)
- Roughness by Laser Profilometer
- Retroreflectometers testing for Sign boards and lane marking
- Skid Resistance Test

Transportation Engineering

- Automatic Traffic Counter & Classifier (ATCC)
- Classified Volume Count Survey (CVC)
- Video based Traffic Counter & Classifier
- Videos processed using Artificial Intelligence (AI) algorithms
- Axle Load Surveys
- Origin – Destination Survey (O-D)
- Turning Movement Count Survey (TMC)
- Mobile Bridge Inspection Unit (MBIU)
- Retro Reflective - Road markings
- Retro Reflectivity sheets - Sign boards

Soil & Geotechnical Investigation

- Trial pit survey
- Material Investigation (Aggregate & Borrow area)
- Field CBR by Dynamic Cone penetration test
- Field Dry Density by Core Cutter method
- Field Dry Density by Sand Replacement method
- Field Moisture Content by Rapid moisture meter
- Soil Testing Services
- Coarse Aggregate
- Fine Aggregate

Data analysis and interpretation

We are having a team of professionals, using data analytics and data management platforms delivering the quality and timely report to clients.

