KALADHARI INFRASTRUCTURE

PRIVATE LIMITED

The Art of Infrastructure Engineering

Highway & Structural Engineering Consultants

2026	Vidisha, M.P.	Infrastructure	Consultancy
Established	Head Office	Sector	Type

Delivering quality, sustainable and innovative road infrastructure solutions across India

Highway Engineering | Structural Engineering | Topographical Survey

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Company Profile

KALADHARI INFRASTRUCTURE

About Us

Kaladhari Infrastructure Pvt. Ltd. is an engineering consultancy specializing in highway engineering, bridge & structural engineering, and precision land surveying. Although newly incorporated, the firm is built on years of shared industry experience. Driven by a core team of senior experts, we deliver complete, cost-optimized solutions—from initial planning and Detailed Project Reports (DPR) to structural design and high-accuracy surveys. We combine the agility of a modern engineering firm with the deep technical expertise required to accelerate project timelines and optimize construction costs.

Vision & Mission

OUR VISION

To be India's most trusted highway infrastructure consultancy, known for quality, integrity and innovation.

OUR MISSION

To deliver high-quality, sustainable and cost-effective road infrastructure solutions through technical excellence and client focus.

Core Values

Safety

Safety first in every project

Quality

IRC-compliant, precise deliverables

Integrity

Transparent and ethical at every step

Commitment

Delivery on time and within budget

Excellence

Best-in-class engineering standards

Innovation

Modern tools and forward-thinking design

Company type: Private Limited Company

Industry: Infrastructure consultancy: highway and structures

Office: Vidisha, Madhya Pradesh, India

Specialisation: Highway and structure design, DPR, land survey

Leadership & Team

KALADHARI INFRASTRUCTURE

A leadership team with hands-on field and design experience across demanding highway and infrastructure projects.

PV

Pavan Vaishanav, Founder & MD

M.Tech. Transportation Engineering | Highway & Project Planning

- 10+ years in highway engineering: feasibility studies, DPRs and detailed design for 8,000+ km across 10+ states.
- Worked with NHAI, NHIDCL, MoRTH, MPRDC, MSRDC, UPSHA, PMGSY and State PWDs.
- Experience in varied terrain, including hill roads in the North-East.
- IRC & MoRTH-compliant highway design, structural feasibility, DPR preparation, and cost engineering. Combining rich technical domain knowledge with advanced tools like Autocad, Civil 3D, Bentley Open Roads, QGIS and BIM to deliver reliable, timeline-driven infrastructure solutions.

KD

Kankshi Dubey, Co-Founder & MD

M.Tech., CTM | Bridge & Structural Engineering

- 9+ years in design, DPRs and rehabilitation of bridges, flyovers, ROBs, culverts and grade-separated structures.
- IRC and MoRTH-compliant structures for highway corridors of NHIDCL, NHAI and PWD.
- Specializing in structural analysis, hydrological & hydraulic modeling, GAD/RCC structural drafting, and cost estimation. Harnessing modern design tools including STAAD.Pro, AutoCAD, MS Office to deliver robust, IRC-compliant bridge and structural engineering solutions.

Core Technical Team

Supported by an 8+ dedicated core team and a trusted network of expert freelancers.

Our Expertise

KALADHARI INFRASTRUCTURE

01 DPR & Feasibility

- End-to-end DPR for NHAI, NHIDCL, PWD, PMGSY, BRO and state agencies
- Feasibility studies and pre-DPR investigations
- Cost estimate, BOQ and technical schedules
- Environmental and social screening; Road Safety Audit

02 Highway & Road Design

- Alignment studies, horizontal and vertical geometry
- Cross-sections: carriageway, shoulders, medians, drains
- Junction, roundabout and interchange design
- Civil 3D and MX Road corridor modelling

03 Bridge & Structure Design

- RCC, PSC and steel bridges
- Box, pipe culverts and causeways
- Retaining and breast walls, slope protection
- Hydraulic analysis, GAD and reinforcement drawings

04 Pavement Design

- New flexible and rigid pavement design
- Overlay and strengthening design
- Evaluation by Benkelman Beam and FWD
- Recycling and whitetopping options

05 Survey & Investigation

- Total station and GPS topographic survey
- Soil investigation: trial pits, boreholes, lab tests
- Pavement condition and roughness survey
- Cross-drainage and utility mapping

06 Traffic Engineering

- Classified volume, axle load and OD surveys
- Traffic Impact Assessment (TIA)
- Intersection and signal design, pedestrian planning
- Road Safety Audit and impact assessment

Why Choose Us

KALADHARI INFRASTRUCTURE

Expert Team

Qualified highway and structure engineers with design and site experience.

IRC Compliant

Designs follow IRC and MoRTH standards.

Modern Tools

AutoCAD, Civil 3D, MX Road, Google Earth and GIS-based survey tools.

Pan-India Reach

Project experience across 10+ states and varied terrain.

Timely Delivery

Clear work plans and review checkpoints for on-time submission.

Cost Efficient

Optimised designs aimed at lowering actual construction cost.

Who We Serve

- **Government:** NHAI, NHIDCL, MoRTH, State PWDs, NHPWD, BRO, PMGSY, Urban Development Authorities & Municipal Corporations
- **State agencies:** Urban development and rural engineering services
- **Contractors:** DPR, BOQ and design optimisation for better construction margins
- **Private developers:** Road connectivity and Traffic Impact Assessments
- **Industrial:** Roads and site infrastructure for factories, warehousing and parks
- **Smart cities:** Urban roads, traffic solutions and pedestrian planning
- **Consultancies / PMCs:** Sub-consultancy and technical design support for peer firms

Our Commitment

6	10+	IRC	On time
Core services	States of experience	and MoRTH standards	Submission focus

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We are ready to be your trusted project partner. Contact us today and let's build something lasting together.

Get in Touch

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Services: Highway Engineering, Structural Engineering, Topographical Survey