



Infra Design Studio Pvt. Ltd.

Designing the Future of Mobility and Infrastructure



HIGHWAYS



BRIDGES & BUILDINGS



URBAN MOBILITY



TRAFFIC & TRANSPORTATION



IDS is a reputable and reliable consultancy service provider specialising in key infrastructure sectors including roadways, bridges, buildings, traffic and transportation systems and urban mobility solutions. With nearly a decade of industry experience, IDS is committed to delivering excellence in every project by offering value-added services and fostering long-term relationships with its clients.

Established in 2016, IDS has experienced significant growth across multiple dimensions - technical expertise, financial strength, and human capital. Over the past nine years, the company has expanded its presence throughout the state of Maharashtra and neighbouring regions, with the aspiration of attaining nationwide recognition in the near future.



VISION

To be the best consultancy firm in the industry



MISSION

To provide most efficient and cost-effective solutions



VALUES

Our people are most important to us



Roads & HIGHWAYS

Planning

- Pre Feasibility Studies
- Feasibility Studies
- Detailed Project Reports
- Economic & Financial Analysis
- Pre Bid Association

Implementation

- Detailed Design & Value Engineering
- Building Architecture & MEP
- Peer Review & Tech Scrutiny
- Activity Planning & Scheduling
- Enabling Works & Launching Schemes

Supervision & Asset Management

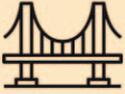
- Project Management Consultancy (PMC)
- Authority's & Independent Engineer
- Bid Process Management
- Transaction Advisory & Nodal Consultancy
- Safety & Maintenance Auditing



NH 965 (Palkhi Marg)

Khudus To Dharmapuri (39.6 KM) • NHA1





BRIDGES & BUILDINGS

Planning

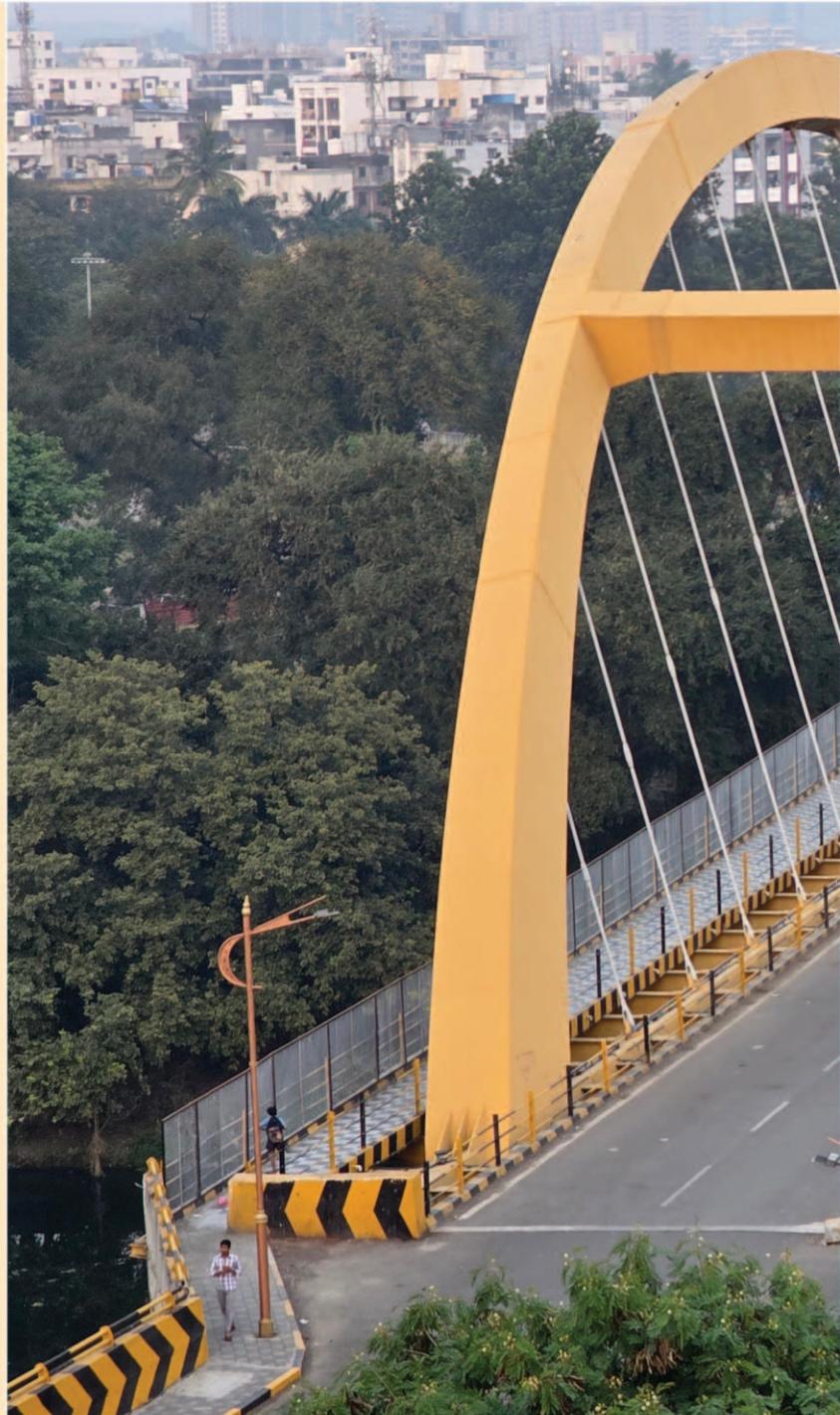
- Feasibility Studies
- Field Investigation & Analysis
- Hydraulic Analysis & Flood Control
- Modelling & Alternative Analysis
- Detailed Project Reports

Implementation

- Detailed Design
- Value Engineering
- Peer Review & Technical Scrutiny
- BoQs & Quality Estimation
- Activity Planning & Scheduling

Supervision & Asset Management

- Project Management Consultancy (PMC)
- Bid Process Management
- Structural Inspection & Audits
- Building Information Modelling (BIM)



Butterfly Arch Bridge

Single Span (100 M) • PCMC





URBAN MOBILITY

Planning

- Pre Feasibility Studies
- Feasibility Studies
- Transaction Advisory
- Economic & Financial Analysis
- Detailed Project Reports

Implementation

- Detailed Design
- Value Engineering
- Stakeholder Interaction & Integration
- System Design & Integration
- Multimodal Integration

Supervision & Asset Management

- Project Management Consultancy (PMC)
- Independent Engineering (IE)
- Bid Process Management
- Independent Safety Audit



INDIA's 1'st POD Taxi @ BKC

Bandra To Kurla (8.80 KM) • MMRDA





TRAFFIC & TRANSPORTATION

Transportation Planning

- Four Stage Transportation Modelling
- Planning of Networks
- Transit Oriented Development (TOD)
- Logistics Parks Development
- Multimodal Integration

Traffic Analysis

- Traffic Survey and Analysis
- Microscopic & Macroscopic Traffic Simulation
- Traffic Impact Assessment
- Short & Long Term Solutions For City Network
- Advanced Traffic Management (ATMs)
- Intelligent Traffic Management Systems (ITMs)



Simulation - Mumbai Coastal Road

Versova to Bhayandar (26.9 KM, with 9 Interchanges) • MCGM



LIST OF PROJECTS

Eight Lane Access Controlled Expressway from Km. 69.800 To Km 79.783 (Bhoj to Morbe Section - SPUR of Vadodara Mumbai Expressway)

Detailed Design • NHA1

Four Laning of NH 965 (Palkhi Marg) from Khudus at KM 77+800 to Dharmapuri at KM 117+000

Prebid & Detailed Design • NHA1

Four Laning of NH 166 from Ambaghat at KM 67+140 to Pajjarwadi at KM 112+340

Detailed Design • NHA1

Four Laning of Fagne to MH-Gujrat Border Section of NH 6 from KM 510+000 to KM 650+794.

Prebid & Detailed Design • NHA1

Improvement of Connectivity from Ulwe Sector-23 to Aamra Marg (NH 348A) with direct creek bridge (Length -330m).

Detailed Project Report • CIDCO

Construction & upgradation of Khellani-Kishtewar-Chatroo Section of NH 244 from KM 67+805 to KM 111+060 in Jammu & Kashmir

Detailed Design • MMRDA

Eight Lane Access Controlled Expressway from Km. 20.200 To Km 43.000 (Akloli to Amne Section - SPUR of Vadodara Mumbai Expressway)

Detailed Design • NHA1

Rehabilitation & Upgradation of Jalna-Sindkhed Raja-Pulgaon Section of NH 753C from KM 186+000 to KM 287+350 (Total 101.35km)

Detailed Project Report • MoRTH

Western Peripheral Road Connecting Navi Mumbai International Airport (NMA) to Aerocity Pocket A & B.

Detailed Project Report • CIDCO

Upgradation of roads and drainage systems outside custom bound area in Jawaharlal Nehru Port

Project Management Consultancy • JNPT

Reconstruction of old Kopri Railway Over Bridge at KM 31/13-14 for New Thane Railway Station

Detailed Project Report • TMC

Development of Kalamboli Junction including connecting links from Sion Panvel Highway and Mumbai Pune Expressway

Peer Review • NHA1/MSIDC

Development of NH 346 from Vidisha at KM 27+000 to Talbehat at KM 75+700 in the state of Madhya Pradesh

Detailed Design • NHA1

Nodal Consultancy for Thane Municipal Corporation

Coordination and Handholding • TMC

Capacity analysis for mid-block as well as interchanges using traffic simulation for proposed Versova-Dahisar Coastal Road (VDCR) and Dahisar Bhayandar Link Road (DBLR) from Package A to Package F (Total length 22.0km)

Traffic Projection and Simulation using VISSIM • MCGM

Improvement proposals for major intersections of Teen Hath Naka and SMC Square in Thane under services as Nodal Agency

Traffic Projection and Simulation using VISSIM • TMC

Development of ropeway for tourists from NH-48 to Matheran

Pre-feasibility • WPK, Ropes

Rapid Assessment/pre-feasibility studies for development of Automated Rapid Transit (ART) network in coordination with Jaipur Metro to improve last mile connectivity in the city.

Pre-feasibility • Jaipur Metro Rail Corp.

Traffic Impact Assessment (TIA) due to Transit Oriented Development (TOD) zone at Kharghar Node Sector 5A

Traffic Survey, Projection and Impact Assessment • CIDCO

Design, Engineering, Development, Commissioning, Operation & Maintenance of a Commercially Viable Automated Rapid Transit System/ Personalized Transit System in BKC, Mumbai on Design, Finance, Build, Operate, And Transfer (DFBOT) Basis

Detailed Design/DDC • MMRDA

Improvement to Indapur-Visapur-Dapoli Road (SH 97) from KM 28+000 to KM 113+000 in Maharashtra

Detailed Project Report • TMC

Construction of major bridge across Pavna River from Thergaon to Chinchwad on 18m DP Road (100m Butterfly Arch Bridge)

Detailed Design • PCMC

Traffic Survey and Signal Design at major intersections (Jio Institute & Delta Tower) in Ulwe with short- and long-term traffic solutions in light of recent developments of Navi Mumbai Airport and Atal Setu

Traffic Projection and Simulation using VISSIM • CIDCO

Development of ropeway for commuter transportation from CSMT-Church Gate-Mantralaya in Mumbai

Pre-feasibility • WPK, Ropes

Rehabilitation and Upgradation of Dahegaon-Kuhi Section of NH 247 on EPC Mode in Maharashtra

Detailed Project Report • CIDCO

Pilot Study for development of underground subway/vestibule network for Mumbai city (from Mumbai Central Metro Station and Dadar Metro Station)

Pre-feasibility • MMRCL

Development of ropeway for commuter transportation from Parel-BDD Chawl-Worli in Mumbai

Pre-feasibility • WPK, Ropes

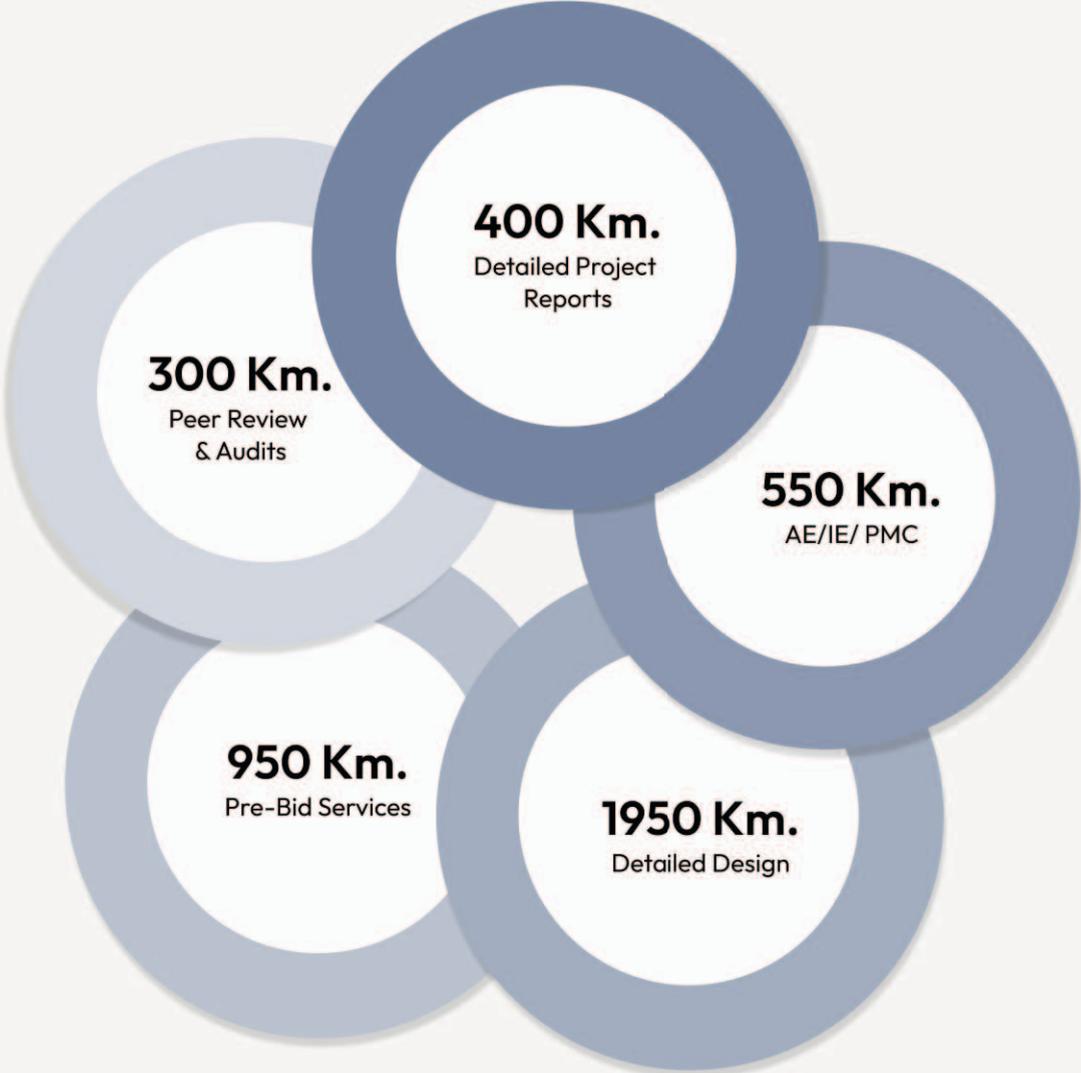
Construction of flyovers Panchaganga river along with Construction of entry exit ramps connecting Kolhapur City, Construction of flyover at Kagal Town, Umbraj Town and Kuwarbav, Ratnagiri

Detailed Project Report • NHAI

Development of federated model for roads, utilities and allied works for city network in Baniyas, UAE (LOD 500)

BIM • Duncan & Ross

WORK EXPERIENCE



CLIENTELE



Thane Municipal Corporation (TMC)



Panvel Municipal Corporation (PMC)



Mumbai Metropolitan Region
Development Authority (MMRDA)



National Highways Authority of India
(NHA)



City and Industrial Development Corporation
(CIDCO)



Ministry of Road Transport & Highways (MoRTH)



Maharashtra State Infrastructure Development
Corporation (MSIDC)



Maharashtra State Road Development
Corporation (MSRDC)



Public Works Department (PWD), Maharashtra



National Highway Logistics Management Limited
(NHLML)



Municipal Corporation of Greater Mumbai
(MCGM)



Navi Mumbai Municipal Corporation
(NMMC)



Mira Bhayandar Municipal Corporation (MBMC)



Rail Land Development Authority (RLDA)



National Highways & Infrastructure
Development Corporation Ltd. (NHIDCL)



Jaipur Metro Rail Corporation Ltd.
(JMRC)



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