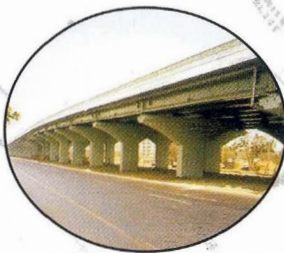


COMPANY PROFILE

CRAPHTS CONSULTANTS (INDIA) PVT. LTD.

Engineers Planners Architects



Consultancy Services Offered :

**Traffic Engineering
Transportation Planning
Highway Engineering
Construction Supervision
Quality Control
Road Safety
Environmental Engineering
Urban & Regional Planning
Structural Engineering
Architecture & Landscaping**

**An ISO 9001:2015
Organization**

JAS-ANZ



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Email : info@craphts.com, Website : www.craphts.com

Regd office : E 5, Defence Colony, New Delhi -110024



Company Profile

1.0 ORGANIZATION, FIELD OF ACTIVITIES AND RELEVANT EXPERIENCE

1.1 Narrative Description of the firm

The **CRAPHTS Consultants (I) Pvt. Ltd.** is recognized as a leading consulting agency in the fields of highway engineering, construction supervision, road maintenance, contract monitoring/evaluation, traffic engineering, and transportation planning in the country.

CRAPHTS Consultants (I) Pvt. Ltd., incorporated in 1998 (earlier known as CRAPHTS since its inception in 1987), consists of a group of totally committed professionals with varied experience and specialized knowledge handling major highway engineering projects in several parts of the country. The organisation has carried out projects for several institutions such as World Bank, Asian Development Bank, National Highways Authority of India (NHAI), Delhi Metro Rail Corporation (DMRC), Chandigarh Administration and various other state PWDs and development authorities.

CRAPHTS Consultants (I) Pvt. Ltd. has offered consultancy services in several related areas with specific reference to **Traffic Engineer, Transportation Planning, Mobility Planning including Master Plan for NMV facility at zonal area wise and Metropolitan levels. In addition Feasibility Studies, Preparation of Detailed Project Report, Construction Supervision, Supervision of Improvement and Routine Maintenance, Road Safety Audit & Action Plan, Environmental & Social Safeguards, Detailed Engineering, Traffic Studies, Economic and Financial Analyses, Environmental Impact Assessment (EIA) and Rehabilitation & Resettlement policy frameworks** for the national and state highways in various parts of the country. The firm has provided consultancy services for rehabilitation and upgradation of number of road corridors in Delhi including Project Management, Construction Supervision, Quality Control and Contract Management.

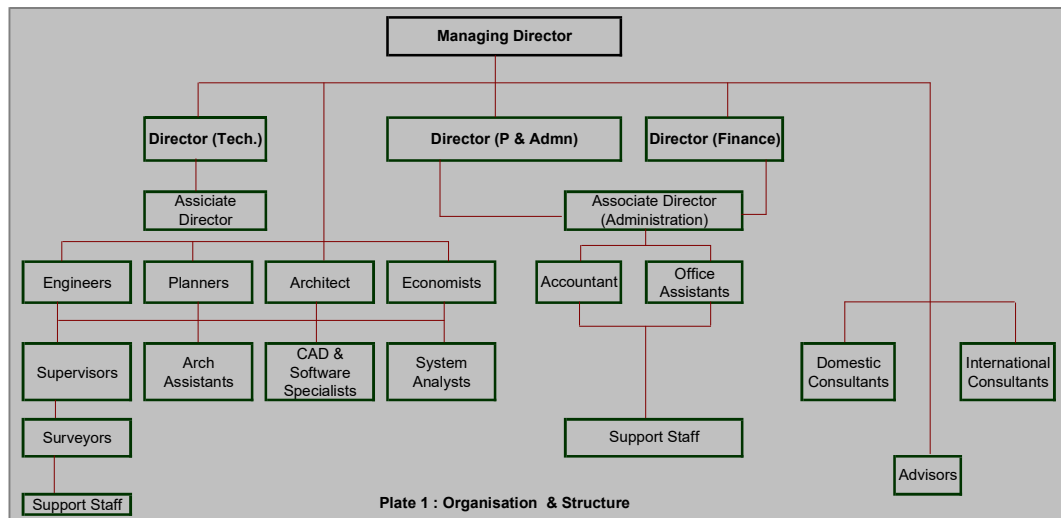
The organisational structure of the firm helps the firm in providing the experienced staff with full range of disciplines required for any project and to support them when required with extensive resources as and when necessary. Each key personnel of the **CRAPHTS Consultants (I) Pvt. Ltd.** has extensive regional experience and has carried out projects of similar nature in the past. The involvement of the key personnel in various infrastructure development projects provides them with a unique background and insight towards achieving the most appropriate solutions. Technical support is assured by state-of-the-art in-house computer facilities and advanced mathematical modeling capabilities. In addition, the firm has access to external expert consultants, most of whom have worked in different developed as well as developing countries on several occasions.

The **CRAPHTS Consultants (I) Pvt. Ltd.** has had the privilege of assisting various state and central government agencies in successful completion of over 125 prestigious projects. The credibility of the firm could be gauged from the fact that many of the large scale projects, particularly in the fields of transportation planning and traffic engineering have been awarded to this agency directly by different client agencies. The agency has successfully completed studies/projects in highly important areas that could be considered as "sensitive" from public opinion point of view and the media reports on these have always been favorable. It goes to the credit of this agency that most of its projects stand implemented on ground. The fact that nearly all the transportation planning and traffic engineering projects initiated in Delhi over the past decade have been handled by this firm is a matter of satisfaction to all concerned.





Company Profile





Company Profile

1.3 Field of activities

1.3.1 Traffic Engineering

Planning and design of traffic facilities such as at-grade intersections, multi level interchanges, ROB/RUBs, pedestrian subways, etc. is an important area of specialization with the CRAPHTS Consultants (I) Pvt. Ltd. It excels in planning and design of urban flyovers and has successfully carried out such tasks for no less than 70 locations in different cities like Delhi, Chennai, Chandigarh & Kanpur etc. The list of bridges and other road structures including pedestrian subways designed by this organization is also quite impressive.



Projects Undertaken (Partial list) :

- Preparation of Conceptual Transportation Plans for six Interchanges around Dronagiri & Kalamboli nodes of NMSEZ – **NMSEZ Pvt. Ltd (A company of Reliance Group)**.
- Planning and design of grade separator at NH-24 bypass – Commonwealth Games Entry/Exit intersection – **Delhi Development Authority**
- Planning and design of cloverleaf interchange at Mukarba Chowk in Delhi – **PWD, Govt. of Delhi**
- Planning and design of 3 cloverleaves at NOIDA Morh – **Delhi Development Authority**
- Planning and design of elevated corridor along Ring Road between Ashram ROB and Lajpat Nagar – **Delhi Tourism Transportation Development Corporation Ltd.**
- Planning and detailed design of 3-tier grade separator at G.T. Road – Road 56 intersection near Apsara Border in Delhi – **PWD, Govt. of Delhi**
- Detailed Planning of a package of Six Urban Flyovers in Delhi – **PWD, Govt. of Delhi**
- Planning of Twelve flyovers for the 8th Plan Period – **Municipal Corporation of Delhi**
- Feasibility study for improvement of intersection and planning / designing of grade separator for NH-24 Bypass – Ghazipur Freight Complex – **Delhi Development Authority**
- Feasibility study for improvement of intersection and planning / designing of grade separator for Vikas Marg – Mother Dairy Road intersection - **Delhi Development Authority**



- Feasibility study for improvement of intersection and planning / designing of grade separator at G.T. Road – Road 66 intersection – **Delhi Development Authority**
- Planning of underpass at Madhuban Chowk in Delhi – **Delhi Tourism Transport Development Corpn. Ltd.**
- Planning of flyover along Rani Jhansi Road at Azad market intersection – **Municipal Corporation of Delhi**



Company Profile

- Planning and design of flyover at Transport Chowk (Madhya Marg) – **Chandigarh Administration**
- Economic viability of proposed R.O.B across S.S. Railway lines along Road-63 – **YBP, PWD, Govt. of Delhi**
- Planning and design of 6 Nos. pedestrian grade separators in connection with Ahmedabad BRTS – **CEPT/AMC.**

1.3.2 Transportation Planning, Transportation Modeling, Mobility Planning etc. (at local, Zonal and Township levels)

Transportation planning must involve stage development of transportation infrastructure with the planning task being directed from whole to part. The CRAPHTS Consultants (I) Pvt. Ltd. have enough in-house capacities to undertake all activities ranging from development of data base to modeling and preparation of long term comprehensive transportation plans including planning of Mass Rapid Transit Systems. Special care is of course, taken to maintain the heritage and character of the city or town under study. One of the land mark studies on comprehensive transportation planning successfully completed by the CRAPHTS was preparation of comprehensive traffic and transportation plan (including MRTS options) for Chandigarh complex (Chandigarh, Panchkula and Mohali). It has also successfully carried out comprehensive traffic studies for Raipur urban area – the new capital of the state of Chhattisgarh.



Projects Undertaken :

- Preparation of Transportation Model and Mobility Planning for areas under Land Pooling Policy in Zone N, Delhi (Area-13975 hectare)- Delhi Development Authority- (October, 2020 to ongoing)
- Preparation of Transportation Model and Mobility Planning for areas under Land Pooling Policy in Zone P I & P II ,Delhi (Area-18400 hectare) - Delhi Development Authority- (October, 2020 to ongoing)
- Consultancy assistance for the Rapid Assessment studies and scheme formulation for priority projects in Bangalore Metropolitan Region - (Package 1 : Better to access to Majestic Area) – **DULT, Bangalore**
- Comprehensive Transportation Planning including MRTS for Chandigarh and its surrounding areas (Panchkula & Mohali) – **Chandigarh Administration**
- Short term traffic and transportation plan for Raipur urban area - **Directorate of Urban Admn. & Development, Govt. of Chhattisgarh**
- Comprehensive Traffic & Transportation Planning studies for Metropolitan City Centre of New Delhi – **New Delhi Municipal Council**
- Comprehensive Traffic & Transportation Planning study for Guntur Town – **Andhra Pradesh Urban Services for the Poor (DFID funded)**
- Comprehensive Traffic & Transportation Planning study for Rajahmundry Town – **Andhra Pradesh Urban Services for the Poor (DFID funded)**
- Comprehensive Traffic & Transportation Planning study for Warangal Town – **Andhra Pradesh Urban Services for the Poor (DFID funded)**
- Design & Implementation & Quality Control Of Bus Rapid Transit System (4 lane) In Visakhapatnam City (PTC & STC Corridors) – Total length – 38.60 kms.) – **Greater Visakhapatnam Municipal Corporation**



Company Profile



- Development of database for transportation modeling for Jaipur and Jammu Urban Areas – **Jaipur Urban Development Authority & Jammu Urban Development Authority**
- Comprehensive transportation planning studies for Zone G-9 in Delhi – **Delhi Development Authority**

1.3.3 Terminal Area Planning, Intermodal Integration and Parking Studies

Major planning activities involving development of new transport terminals and redevelopment of existing ones in different metropolitan cities have been accomplished by the CRAPHTS Consultants (I) Pvt. Ltd. Such terminal areas include interstate bus termini, major railway stations, interchange points for MRTS (with intermodal integration) etc. Study areas include ISBTs at Kashmeri Gate and Sarai Kale Khan and Sanjay Gandhi Transport Nagar in Delhi, Transport Nagar in Chandigarh etc.



Projects Undertaken :

- Preparation of Parking Policy for TIER II Cities in Karnataka, i.e. Mangalore, Mysore, Hubli-Dharwar, Bellary, Belgaum, Gulbarga, Bijapur, Tumkur and Davangere - **DULT Bangalore**
- Station area traffic improvement schemes for Borivili and Kurla Railway Stations in Mumbai – **MMRDA**
- Traffic Management Plan for Dwaraka – Ganesh Nagar section of Delhi Metro Rail Corridor (Lot – III) – **GAMMON (I) Ltd.**
- Feasibility study for Delhi High Speed Tram System in Delhi (DHSTS) – **Essar Projects Ltd.**
- Improvement of Off-site and On-site traffic circulation, parking and aesthetics of New Delhi Railway Station area – **Municipal Corporation of Delhi**
- Traffic circulation, parking and urban design study for Nine market places in Delhi. – **New Delhi Municipal Corporation**
- Planning of second ISBT at Sarai Kale Khan - **Commissioner ate of Transport, Govt. of Delhi**
- Station area plans for integrated MRTS (including Ring Railway) for Delhi – **RITES Ltd.**
- Preparation of Comprehensive Plan for Regulation & Management of Traffic, Parking and Hawking and non-hawking zones in the city of Nagpur – **Nagpur Municipal Corporation**
- Preparation of Traffic Circulation and Parking Management Plan for the area around Mayur Vihar (Phase-1) Station - **DMRC**
- Planning of Traffic Circulation Facilities around AMEL Terminal at New Delhi Railway Station - **DMRC**



Company Profile

- Traffic Improvement Schemes Around City Airport Terminal At Bangalore – **DMRC**
- Long term improvement plan for Rohtak Road – proposed 100m ROW near Mundka Village – **DMRC**



1.3.4 Traffic Management and Control

Urban traffic management and control has been one of the areas of special interest with the CRAPHTS Consultants (I) Pvt. Ltd. It has carried out area wide traffic management studies in different metropolitan cities and urban centers. Major studies on pedestrianisation of areas comprising large commercial-cum office complexes, places of tourist interest and open spaces have been undertaken by CRAPHTS Consultants (I) Pvt. Ltd. and recommendations therefrom implemented by various agencies. Many important studies on traffic management for CBD areas have been successfully carried out. The study areas extend from the Connaught Place and its extensions in Delhi to the entire Metropolitan area of Bangalore. Covered under this are also important studies like traffic management for India Gate area in Delhi and around Charminar in Hyderabad.

Projects Undertaken :

- **Consultancy assistance for the Rapid Assessment studies and scheme formulation for priority projects in Bangalore Metropolitan Region - (Package 1 : Better to access to Majestic Area) – DULT, Bangalore**
- Project Preparation, Tendering Assistance and Detailed Engineering of Junction Improvements for 106 junctions in Bangalore city – **Karnataka Road Development Corporation Ltd.**
- Short term traffic management plan for Vijayawada City – **Vijayawada Municipal Corporation**
- Short term traffic improvement schemes for Guntur – **Municipal Corporation of Guntur**
- Traffic management on roads leading to and around proposed civic centre, Minto road, new Delhi – **Municipal Corporation of Delhi**
- Traffic Management Plan for roads leading to and around Pragati Maidan, New Delhi – **India Trade Promotion Organization (ITPO)**
- Traffic Management scheme for 'W' point intersection area in New Delhi – **New Delhi Municipal Corporation**
- Comprehensive traffic management scheme for India Gate area - **New Delhi Municipal Corporation**
- Comprehensive traffic management scheme for the area around Charminar in Hyderabad – **Police Department & A.P. Tourism Development Corporation.**



Company Profile



1.3.5 Transport Corridor Development

CRAPHTS Consultants (I) Pvt. Ltd. specializes in studies concerning capacity augmentation and/or up gradation of existing transport corridors as also in planning new corridors in urban/ sub urban areas and in the country side.. It has planned several urban expressways. New high speed road corridors have been planned and designed for urban and rural areas. Land mark studies include long term improvement plan for Ring Road and Outer Ring Road in Delhi, planning and design of access corridors for Dwarka township in Delhi etc.



Projects Undertaken :

- Preparation of Road Development Plan for Vasant Kunj – Mahipalpur Road between Andheria Morh and Mahipalpur.- **PWD, Govt. of Delhi**
- Feasibility Study For New Link Road Connecting NH91 To NH24 In Ghaziabad – **Bansal Group of Companies**
- Long term improvement plan for Ring Road in Delhi to make it an urban Expressway - **PWD, Govt. of Delhi**
- Feasibility study for improvement for intersection and planning/designing of following three corridor across railway tracks – **Delhi Development Authority**
 - Pankha Road R.O.B corridor
 - Palam Road Road ROB corridor
 - Bharthal corridor
- Feasibility study for providing a new eight lane bridge across River Yamuna connecting Noida to South Delhi – **YBP, PWD, Govt. of Delhi**





Company Profile

- Feasibility study for widening of East-West corridor across Nizamuddin Bridge in Delhi – **PWD, Govt. of Delhi**
- Feasibility study for provision of missing link of Outer Ring Road in Delhi – **PWD, Govt. of Delhi**
- Feasibility study for New Link Road connecting NH 24 bypass to Lodi Road in Delhi– **PWD, Govt. of Delhi**
- Geometric design and development plan of M.B. Road – **PWD, Govt. of Delhi**
- Construction of Western Bund Road from Shantivan to Nizamuddin - **PWD, Govt. of Delhi**
- Feasibility study for East-West Corridor Connecting Central Delhi to East Delhi Areas - **PWD, Govt. of Delhi**
- Feasibility Study for the East – West Corridor between Rajghat and Punjabi Bagh and, of the North – South Corridor between Majnu – ka – Tilla on Ring Road and Dhaula Kuan – **PWD, Govt. of Delhi**
- Feasibility study for North-South Corridor connecting Gandhi Nagar to Shastri Park along Marginal Bund Road – **PWD, Govt. Delhi.**

1.3.6 Road Safety Policy, Road Safety Audits and Safety Engineering

This is an emerging area of specialization requiring multidisciplinary inputs. The CRAPHTS Consultants (I) Pvt. Ltd. is a forerunner in this and has carried out prestigious studies in evolving road safety policy and action plan, carrying out RSA and in application of safety engineering techniques for roads / highways at state, city and local levels



Projects Undertaken:

- Construction Stage Road Safety Audit for "Widening and Strengthening of existing road corridor connecting Mogra on SH-13 in Hooghly District with Baraiaguli on NH-34 in Nadia District via Triveni, Boropara, Kalyani and Kapa to 4/6 lane divided carriageway etc – **(Length – 21.00 Kms) - L & T/WBHDCL – (December, 2018 to Ongoing)**
- Safety Consultants for Construction of Thane Creek Bridge (TCB III) on Sion Panvel road (Vashi) in the State of Maharashtra – **L & T/MSRDCL- (November, 2020 to Ongoing)**
- Consultancy Services for carrying out road safety audit of NH-22 (New 5) chainage from 195/0 to 238/0 in the state of Himachal Pradesh –**(Length - 43.00 kms)- HP PWD/MORT&H - (Jan, 2018 to July, 2018)**
- Consultancy services for carrying out Road Safety Audit from km. 0.00 to km. 5.00 & km. 8.00 to km.45.880 (Jagadhri to Ponta Sahib road) on NH-907 (old NH-73A) in the state of Haryana under Road Safety Annual Plan 2016-17 – **(Length – 42.880) - PWD, Haryana /MORT&H- (May, 2017 to August, 2017)**
- Safety Consultants for Construction of Cable Stayed Bridge across Durgam Cheruvu Lake at MADHAPUR in Hyderabad under Engineering Procurement and Construction (EPC) Turnkey -**(Length – 0.960Kms) - L & T /GHMC- (April, 2017 to December, 2017)**
- Safety Consultants for Two laning of Shillong Bypass connecting NH-40 and NH-44 from Km. 61.800 to Km. 34.850 in the State of Meghalaya on DBFOT pattern under SARDP-NE on BOT (Annuity) Basis – **(length 48.766 kms) – NHAI- (April, 2014 to March, 2017)**
- Design Stage Road Safety Audit for "Development of Agra-Firozabad (Village Gurha) (Km. -2.634 to 0.000 to 53+500) Access controlled Expressway (Green Field) project in the State of Uttar Pradesh on EPC Mode – Contractor – **(Length – 56.134 km) - PNC Infratech Ltd /UPEIDA - (May, 2015 to June, 2017)**



Company Profile

- Safety Consultants for Construction of Green Field Six lane Extradosed Cable Bridge Over river Ganga near Kacchi Dargah on NH-30 to near Bidupur in District- Vaishali on NH-103 at Patna in the State of Bihar. **-(Length – 19.69 kms)- L & T /BSRDCL-(November, 2016 to April, 2017)**
- Eastern Peripheral Expressway Package-I from Ch. 1+000 to Ch. 22+000 (Green Field) & Package – II from Ch. 22+000 to Ch. 46+500 in the State of Haryana and Uttar Pradesh on EPC Mode **(Length – 46.500 kms) – Sadbhav Engg.Ltd /NHAI - (February, 2016 to October, 2016)**
- Safety Consultant for Package No. 8 Tender-V/MP (Development and Construction) period of the 6-laning of Indore –Dewas Section of NH-3 from Km 577.550 to Km 610.000 and 0.000 to Km 12.60 **(Approx. length 45.05Km)** in the State of Madhya Pradesh under NHDP-V to be executed as BOT (Toll) project on DBFOT pattern. – **NHAI -(December, 2011 to May, 2016)**
- Safety Consultant for Package No. 26 Tender-V/Rajasthan (Development and Construction) period of the 4-laning of Deoli (km 165/0 of NH-12, project chainage 0/0) to Junction of NH-76 on Kota Bypass (Project chainage 83.042) of NH-12 under NHDP Phase –III in Rajasthan. **(Length – 83.042 kms.) – NHAI (December, 2011 to Feb. 2016)**
- Safety Consultant for (Development Stage Audit) Six laning of Km. 192.000 to Km.198.000 Vadodra-Surat section of NH-8 including construction of a new four lane extra dosed bridge across river Narmada in the state of Gujarat on EPC contract mode. **-(Length – 6.00 Kms) -L & T/NHAI- (April, 2014 to April, 2016)**
- Safety Consultants for four laning of Jorabat – Shillong (Barapani) Section of NH-40 from Km 0.000 to Km 61.800 in the State of Assam & Meghalaya on DBFOT pattern under SARDP-NE on BOT (Annuity) Basis – **(length - 61.800 kms) – NHAI- (April, 2014 to July, 2015)**
- Safety Consultants for 2-laning with Paved Shoulders of Agra – Aligarh Section, NH-93 from Km. 0.00 to Km. 79.00 in the State of Uttar Pradesh on Design, Build, Finance, Operate and Transfer (DBFOT) on Toll Basis under NHDP – IVA (Package No. NHAI/RO/LKO/RSC/04) **(length 81.40 kms.) – NHAI- (March, 2013 to June, 2015)**
- Safety Consultants for four laning of Lucknow – Raebareilly section from Km. 12.700 to Km. 82.700 of NH-24B on DBFOT on Annuity Basis (Package No. NHAI/RO/LKO/RSC/05) **(length – 70.0 kms.) – NHAI- (April, 2014 to September, 2015)**
- Road Safety Audit for the stretch of Ring Road (Deemed to be NH) – 8 to 10 lane between Sarai Kale Khan and Rajghat in Delhi. – **PWD, Govt of Delhi- (From Nov, 2013 to Oct, 2015)**
- Safety Consultant for Package No. 7 Tender-V/Punjab (Development and Construction) period of the 4-laning of Ludhiyana –Talwand section NH-95 (now NH-5) from Km 92.000 to Km 170.00 in the State of Punjab on BOT basis. **(Length – 78.0 kms.)– NHAI-(Dec, 2011 to Dec, 2014)**
- Safety Consultant for Package No. 22 Tender-V/Maharashtra (Development and Construction) period of the widening of 2-lane to 4/6 lane divided carriageway configuration of Panvel – Indapur (Km 0.00 to Km 84.00) Section of NH-17 in the State of Maharashtra. **(Length – 84.00 kms.) – NHAI- (Dec, 2011 to Dec, 2014)**
- Safety Consultant for Package No. 25 Tender-V/Orissa (Development and Construction) period of the 6-laning of Bhubneswar –Chandikhole Section of NH-5 in the State of Orissa Chainage from Km 414 to Km 419.2 of (Vizag- Bhubneswar Section) and from Km 0.00 to Km 62 (bhubneswar –Kolkata section) Old Chainage. **(Length – 67.00 kms.) – NHAI - (Dec, 2011 to Dec ,2014)**



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- Safety Consultant for Package No. 23 Tender-V/Orissa (Development and Construction) period of the 4-laning of Bhubaneswar – Puri Section of NH-203 in the State of Orissa. (**Length – 67.00 kms**)– **NHAI (Dec, 2011 to Dec 2014)**
- Safety Consultant for Package No. 24 Tender-V/Orissa (Development and Construction) period of the 4-laning of Rimuli –Roxy – Rajamuda Section of NH-215 Km 163 to 296 in the State of Orissa. (**Length – 106.00 kms.**)– **NHAI-(Dec, 2011 to Dec ,2014)**
- Road Safety Audit of Select NH/NE on Western Transport Corridor and East - West Corridors under NHDP in India - (**Length of Road segments constructed/completed - 215 kms.**), (**Length of Road segments under construction - 375 kms.**). (**Total length - 590 kms.**) - **NHAI (ADB funded) - (July, 2005 to March, 2006)**
- Safety Audit for Development & Construction period for Package No. 1 –6-laning of Gurgaon – Kotputli – Jaipur section of NH-8 (NHDP – V). under PPP on DBFO basis (**Total length – 231.0kms**). – **NHAI (July 2010 to March 2013)**
- Consultancy services to strengthen Road Safety Policy and Action Plan in Tamil Nadu (**Length of Road segments - 2000 kms of urban arterial roads approx.**)- **TNRSP (World Bank funded) - (May, 2004 to December 2005)**
- Safety audit, Safety Engineering including development of comprehensive traffic signage and pavement marking schemes for ISBT interchange and its approaches – **Transport Department, Govt. of Delhi**
- Safety audit, Safety Engineering including development of traffic signage and road marking schemes for Kotupuli – Amer section of NH-8 – **NHAI**
- Safety Audit for Development period of the “6-laning of Chilakaluripet – Vijayawada section of NH-5 from km. 355.00 to km. 434.150 (**length 82.5 kms**) in the state of Andhra Pradesh to be executed as BOT (Toll) on DBFO Pattern under NHDP. – **NHAI (June, 2010 to September, 2012)**

1.3.7 Highway Engineering, Construction Supervision & Corridor Management

Strengthening and widening of national and state highway stretches has become a major activity in the agenda of nation building and the CRAPHTS Consultants (I) Pvt. Ltd. has been making significant contributions in this area (both under NHDP and non NHDP).



At present the Consultants are engaged for preparation of DPR for more than 300 kms. of National Highways at the instances of NHAI. Besides the CRAPHTS is presently working on drawing up the Master Plan for over 15,000 kms of National Expressway Network for India at the instance of the MORT&H.

Projects Undertaken :

A) Feasibility Study & DPR



Company Profile

- Integrated Transit Corridor Development and street Network / Connectivity Plan for the corridor / influence zone along with detailed design of all intersections and mid-sections based on traffic and feasibility studies for the corridor/ network – Approach roads from Chattarpur Road to facilitate the plot allotted to SAARC University, CAPFIMS and HUPA, NIC & Executive Club Road, etc. in villages Maidangarhi, Sayurpur, Satbari - DDA – (November, 2020 to till date)
- **Consultancy Services for preparation of road map and comprehensive plan for Cycling Zone/Cycling path in the city of Kolkata-KMDA – (Length-121 Km)- (May, 2020 to August, 2021)**
- **Integrated Transit Corridor Development & street Network/Connectivity Plan for the corridor /influence zone along with detailed design of all intersections & mid sections based on traffic and feasibility studies for the corridor/network: Name of the Corridor: Sarai Kale Khan to IGI Airport including areas covering “Redevelopment of General Pool Residential Accommodation (GPRA) colonies at Kidwai Nagar, Nauroji Nagar, Netaji Nagar Sarojini Nagar, Mohammadpur, Thyarajnagar, Kastruba Nagar & Srinivaspuri and AIIMS trauma centre in Delhi” (Length – 78.00 Kms)– PWD, Govt of Delhi-(July, 2018 to March,2021)**
- Consultancy Services for Feasibility Study for Four Lane Peripheral Ring Road for Haldwani City (Length – 50.43 Km) - UK PWD – (August, 2017 to August, 2020)
- Development of Accepted Alternative for signal free movement of traffic on NH-1 between Wazirabad Chowk and Mukarba Chowk (length – 7.700Km) – PWD, Govt. of Delhi – (September, 2007 to August, 2018)
- Integrated Transit Corridor Development & street Network/Connectivity Plan for the corridor /influence zone alongwith detailed design of all intersections & mid sections based on traffic and feasibility studies for the corridor/network. Name of the Corridor ; Detailed Feasibility Study and geometric design for construction of 4-lane road along bank of drain no. 8 (Najafgarh Drain) adjacent to existing single lane inspection road of Irrigation & Flood Control Department from Dhansa Regulator to Dwarka Mor for providing additional connectivity between Jhajjar (Haryana) and IGI Airport, New Delhi. (Length – 30.00 Kms)- PWD, Govt of Delhi - (June, 2014 to till date)
- Integrated Transit Corridor Development & street Network/Connectivity Plan for the corridor /influence zone alongwith detailed design of all intersections & mid sections based on traffic and feasibility studies for the corridor/network. Name of the Corridor: (i)Kakrola Regulator to intersecting point of Chhawala Drain at Gurgaon Road (ii) From intersecting point of Chhawala drain at Gurgaon Road to Rawata Mor (iii) From Rawata Mor to Daurala Border (Padewala Mor) (iv) From Daurala Border to Jharoda Kalan Village to Gazipur drain (v) from Jharoda Kalan to Neelwal Crossing (vi) From Neelwal Crossing to intersecting point of UER-II and Nangloi Road. (Length – 25.500 Kms) - PWD, Govt of Delhi. - (April, 2015 to July 2017)
- Integrated Transit corridor Development & street Network/Connectivity Plan for the corridor/ influence zone along with detailed design of all intersections & mid sections based on traffic and feasibility studies for the corridor/network – UG Tunnel to connect NH-24 bypass to Lodi Road and beyond. (Length – 4.500 kms)- PWD, Govt of Delhi – (September, 2015 to till date)
- Integrated Transit Corridor Development and Street Network/Connectivity Plan for the corridor /influence zone along with detailed design of all intersections and mid – sections based on traffic and feasibility



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studies for the corridor/network: (1) East-West Corridor –starting from ISBT Anand Vihar (Road No. 56) connecting East Delhi areas along the Railway line to the intersection of Outer Ring Road and Rohtak Road (Peeragrhi Chowk) via New Delhi Railway Station & (2) North-South Corridor –starting from Signature Bridge to Intersections of Dhaula Kuan (**Length – 68.000 Kms**) - **PWD, Govt of Delhi.- (September 2015 to till date)**

- Integrated Transit Corridor Development & street Network/Connectivity Plan for the corridor /influence zone alongwith detailed design of all intersections & mid sections based on traffic and feasibility studies for the corridor/network. Name of the Corridor: Detailed Feasibility Study and geometric design for construction of new road along the supplementary drain from its junction with Najafgarh Drain near Meera Bagh to its junction with Outer Ring Road near Mukarba Chowk via its junction with Rohak Road near Nangloi (**Length – 16.00 kms**) – **PWD, Govt of Delhi – (October 2015 to till date)**
- Integrated Transit Corridor Development & street Network/Connectivity Plan for the corridor /influence zone alongwith detailed design of all intersections & mid sections based on traffic and feasibility studies for the corridor/network: Name of the Corridor: Extension of Mehrauli – Badarpur Road upto NOIDA/Greater NOIDA areas across the river (**Length – 10.00 Kms**)– **PWD, Govt of Delhi-(February, 2015 to till date)**
- Integrated Transit Corridor Development & street Network/Connectivity Plan for the corridor /influence zone alongwith detailed design of all intersections & mid sections based on traffic and feasibility studies for the corridor/network. Name of the Corridor: (i) Ring Road from DND Intersection to Bhairon Marg Junction (ii) Outer Ring Road from Modi Mill Flyover to IIT Gate (**Length – 18.00 Kms**)– **PWD, Govt of Delhi-(April, 2016 to July, 2017)**
- Development of Short-Term Improvement Scheme to decongest the traffic at the stretch of Rani Jhansi Road between southern toe of Rani Jhansi flyover and Panchkuian Road Intersection including development of intersections at Idgha gole Chakkar, Gole Chakkar at DB Gupta Road and Gole Chakkar at Panchkuian Road (**Length – 7.800 Kms**)– **PWD, Govt of Delhi-(May, 2018 to till datd)**
- Consultancy services for Phase – I Preparation of Detailed Engineering Project Report including Planning, Designing and Engineering and Phase- II Construction Supervision and Quality Assurance including Human Resources for two BRTS corridors (**length 43.36 kms**) – **GVMC – (Oct, 2007 to June, 2016)**
- Preparation of DPR of National Highways (NHs) for widening and Strengthening into two lanes for following highways: 1) NH – 28B (25.00 kms), 2) NH – 104 (41.00 kms), 3) NH – 81 (46.63 kms.), 4)NH – 105 (54.00 kms) – (**Total length – 163.30 kms**)- **BSRDCL- (November, 2009 to October, 2013)**
- Consultancy services for feasibility study and preparation of Detailed Project Report for 4/6 laning of selected stretches of National Highways under 10,000 kms (NHDP Phase II) Programme, Contract Package No. NN/DL3/2: Khagaria – Begusarai – Bakhtiarpur section of NH-31 in the state of Bihar – (**length 120 kms.**) - **NHAI - (Oct, 2004 to July, 2012)**
- Feasibility study and DPR for the project of improvements in radial roads connecting ORR and Ring Road in Hyderabad City (**Length - 440 kms**) – **HUDA / HGCL – (January, 2006 to December 2013)**
- Consultancy services for preparation of Master Plan for National Expressway Network for India – **Ministry of Shipping, Road Transport & Highways – (June, 2008 to Dec, 2009)**



Company Profile

- Consultancy services for detailed Feasibility Study and preparation of Detailed Project Report for construction of new 6 lane link road (100m ROW) connecting NH8 & NH10 through Dwarka (**Length - 30 kms.**) – **Delhi Development Authority** – (**April, 2002 to September, 2004**)
- Consultancy Services for preparation of Feasibility and detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriage way configuration from km 24.00 to km. 41.00 of Agra- Dholpur Section of NH-3 in the state of UP/Rajasthan under phase II programme of N-S & E-W corridor project.-(**Length – 17 Kms**) - **NHAI** – (**October, 2001 to January, 2006**)
- Consultancy services for Feasibility Study and Detailed Project Report for Kanpur Bypass connecting NH-25 to Bhognipur on NH-2 under Phase - III programme of North – South and East –West corridors project (Contract Package No. C-III/31) – (**Length - 34 kms**) – **NHAI** – (**April, 2003 to March, 2004**)
- Consultancy Services for Feasibility study and preparation of detailed project report for construction of new link road (Approach Road) from Dwarka Dwar to NH-8 through cantonment area in Delhi (**Length - 6.11 k.m**) including **elevated corridor of 2147.5 m** – **Delhi Development Authority** – (**January, 1999 to February, 2003**)
- Consultancy services for feasibility and DPR for Nagpur – Mansar section of NH-7 (from km. 689.00 to km. 723.00) including Kamptee – Kanhan bypass (**Length - 36.4 km**) – **NHAI** – (**March, 2003 to March, 2005**)
- Preparation of project report for Road no. 50 in Delhi (**Length - 15 kms**) – **PWD, Govt. of Delhi**
- Feasibility Study for Chandigarh Bypass linking Ambala and Bharat Gargh (**Length - 80 kms**) – **Punjab Urban Planning & Development Authority.**
- Collection and computerization of Road Inventory data for 204 kms of PWD Roads in Delhi – **PWD, Govt. of Delhi**
- Feasibility Study and Project Preparation for 8-laning and corridor improvements of Ring Road between ITO and Azadpur (via Moolchand, Dhaula Kuan & Punjabi Bagh) including Road No.51, Road No. 50 (NH-1 Bypass), Road 26, GT Karnal Road and NH-1 spur in Delhi (**Length - 64 kms.**) – **PWD, Govt. of Delhi**
- Feasibility and project preparation for 6 laning and corridor improvement for the stretch of Outer Ring Road between Modi Mill and NH8 – **PWD, Govt. of Delhi**
- Consultancy services for feasibility and preparation of Detailed Project Report for 4/6 laning of selected stretches of National Highways under 10,000 kms (PMBJP) Programme, Contract Package No. NN/DL2/2 : Teipur – Helam section of NH-52 in the state of Assam (**length – 123 kms**) - **NHAI**
- Uttarakhand Urban Development for Dehradun, Haridwar and Nainital cities under **JNNURM** scheme – **PWD, Govt. of Uttarakhand.**
- Implementation Of Various Schemes / Infrastructure Development Work Under **JNNURM** Scheme In The State Of Haryana - Road & Urban Development Schemes For Faridabad – **NBCC/FMC**
- Implementation Of Various Schemes / Infrastructure Development Work Under **JNNURM** Scheme In The State Of Haryana – Storm Water Drainage Schemes For Faridabad - **NBCC/FMC**



Company Profile

- Improvement and upgradation for 8-laning of Ring Road via Safdarjung, Dhaula Kuan, Punjabi Bagh, Azadpur, Road 51, Wazirabad, ITO, Ashram and Moolchand and G.T.K. Road between Azadpur, Mukarba Chowk and Road 51 (length- 57.25 kms) – PWD – (November, 2003 to July, 2009)

B) Construction Supervision Services & Quality Control

- Project Implementation Consultant (PIC) for ADB financed rural Roads Sector II Investment Program & Rural Roads Sector III Investment Program (Total length – 2600 kms.) – WBSRDA (ADB funded) – (December, 2015 to June, 2021)
- Consultancy services for supervision of surfacing & Overlay of NH-34 by BM & SDBM from (i) Km. 14.400 to Km. 31.000, (ii) Km. 31.000 to Km. 115.000, (iii) Km. 115.000 to Km. 165.000 and (iv) Km. 165.000 to Km. 193.000 in the State of West Bengal (Length – 179.00 Km)- NHAI – (June 2012 to March 2013)
- Consultancy Services for Phase – I preparation of Detailed Engineering Project Report including Planning, Design and Engineering and Phase II Construction Supervision and Quality Assurance including Human Resources for 2 BRT corridors (length 43.36 kms) – GVMC – (Oct, 2007 to June, 2016)
- Project Implementation Consultant (PIC) for ADB financed rural Roads Sector II Investment Program & Rural Roads Sector III Investment Program (Total length – 2600 kms.) – WBSRDA (ADB funded) – (December, 2011 to November, 2014)
- Construction supervision for 4-laning from km 24.00 to km 41.00 to Agra – Dholpur section of NH-3 in the state of Uttar Pradesh / Rajasthan under phase – II program of North – South and East – West corridors projects – (Length – 17 Kms) - NHAI – (October, 2001 to January, 2006)
- Improvement and upgradation for 8-laning of Ring Road via Safdarjung, Dhaula Kuan, Punjabi Bagh, Azadpur, Road 51, Wazirabad, ITO, Ashram and Moolchand and G.T.K. Road between Azadpur, Mukarba Chowk and Road 51 (length- 57.25 kms) – PWD – (November, 2003 to July, 2009)



C) Corridor Management & Routine Maintenance / Maintenance Audit



- Supervision of Improvement and Routine Maintenance Contract of sections on National Highways : (Package No.2-08: Kharagpur-Laxmannath-Balasore (Km 0.00 to Km 53.410 and Km 53.410 to Km 119.275) Section of NH-60 in West Bengal/Orissa) – (Length – 119.275 Km) – NHAI – (April, 2008 to July, 2009)
- Consultancy Services for Supervision of Short Term Improvement and Routine Maintenance Contract of sections of National Highways for (Package No. 1- 08 : Dankuni – Kolaghat – Kharagpur section (km. 17.00 to km. 136.00) and Dankuni – Palsit section (km. 647.368 to km. 645.546) of NH2 in West Bengal. – (Length – 122.00 Km) – NHAI – (April, 2008 to June, 2010)
- Short Term Improvement and Routine Maintenance contract of following Package No. 7 : Silliguri Islampur – Dalkola – Gayakota – Purnia Section of NH-31 in Km. 410.700 to Km. 551.00 (Excluding Km. 420.300 to Km. 446.760, Km. 472.840 to Km. 474.515 and Km. 498.780 to Km. 526.00) in the State of West Bengal. – (Length – 84.95 Km) – NHAI – (June, 2012 to June 2013)



Company Profile

- Maintenance Audit of Pradhan Mantri Gram Sadak Yojana (PMGSY) works grouped under separate packages for Assam, Mizoram, Meghalaya and Orissa States – **NRRDA- (July 2008 to July 2010)**





BSCIC

Certificate

QUALITY MANAGEMENT SYSTEM

This is to certify that:

CRAPHTS CONSULTANTS (INDIA) PVT. LTD.

**14/3, MATHURA ROAD, HAVELL'S CROSSING
FARIDABAD - 121 003, HARYANA, INDIA**

Hereby granted the Certificate Number:

BN20275/19268

Subsequent to the Assessment of the organization, it has been found to be operating a Quality Management System which complies with the requirements of

ISO 9001:2015

For the following scope:

To Provide Expert Professional Services in the Areas of Traffic Engineering and Management, Transportation Planning, Highway Engineering, Road Safety, Structural Engineering, Construction Supervision and Third-Party Quality Control (TPQC), Routine Maintenance and Corridor Management, Environmental Impact Assessment and Other Related Areas of Planning and Design
IAF Scope: 35

For
BSCIC CERTIFICATIONS PVT.LTD.

Originally Registered: **09-Apr-2021** 1st Surveillance Due on: **05-Apr-2022**
Issue Date: **09-Apr-2021** 2nd Surveillance Due on: **05-Apr-2023**
Expiry Date: **08-Apr-2024**


Sanjay Seth
Managing Director

(In case if Surveillance Audit is not allowed to be conducted; this Certificate shall be Suspended/Withdrawn).

Please Re-validate this certificate's status at www.bsc-icc.com at REGISTRATION STATUS.
This Certificate of Registration is granted subject to relevant provisions of the BSCIC Certifications PVT. LTD. Contract Terms & Scheme for Registration Form B018 (Latest Version). Please see B018 at our website www.bsc-icc.com.
The certificate of Registration remains the property of BSCIC Certifications Pvt. Ltd. and shall be returned immediately upon request.
BSCIC Headquarters: &work, 1st Floor, 5B/15A, Crown Plaza Mall, Faridabad - 121 007, Haryana, India.

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