



## List of Completed and Ongoing Projects

Sl. No	Project Title, Client & Location	Duration of the Project	Description of the Project
<b>HIGHWAYS AND STRUCTURES</b>			
1	<p><b>Detailed Design Service for Widening to 2 lane with paved shoulders from km. 87/000 to 133/720 (Nattukal to Thanau Jn. In Palakkad) of NH-966 (Old NH-213) in the State of Kerala on Engineering, Procurement and Construction (EPC) mode in the State of Kerala</b></p> <p><b>Client : The Uralungal Labour Contract Co-operative Society Limited</b></p> <p><b>Location : Kerala India</b></p>	Feb-2018 to May-2020	<p>Detailed Design of Road and Structure Components, Design Director Services.</p> <ul style="list-style-type: none"> <li>• Length: 48 Kms on <b>EPC Mode</b>.</li> <li>• Width of carriageway: 2 Lane with paved shoulders</li> <li>• Type of Terrain: Hilly /Plain/Rolling</li> <li>• Type of Pavement: Flexible/Regid pavement</li> <li>• Culverts: 120 Nos, Bridges : 9 Nos</li> <li>• Other facilities: Bus Buys, Truck Buys, Toll Plaza, Drainage</li> </ul>
2	<p><b>Design Services for re-alignment of existing Khasab Tibat Coastal Road in Musandam Governorate, Oman</b></p> <p><b>Client : Al Manarah Engineering Consultancy</b></p> <p><b>Location : Sultanate of Oman</b></p>	Feb-2018 to Sep-2018	<p>Options Studies and Evaluation, Detailed Geometrics Design. Grading Plans, Detailed Cross Sections, and Good For Con. Drawings</p> <ul style="list-style-type: none"> <li>• Length : 22 Km</li> <li>• Width of carriageway: 2 Lane with paved shoulders/4 Lane Configuration.</li> <li>• Type of Terrain: Hilly Traversing Through Sea Coast</li> <li>• Type of Pavement: Flexible pavement</li> <li>• Culverts: 20 Nos.</li> <li>• Other facilities: Parking buys &amp; View Points</li> </ul>
3	<p><b>Detailed Design Consultancy Services for Four laning of Puducherry (Km: 29.000) to Poondiyankuppam (Km: 67.000) Section of NH-45A (New NH-332) in the State of Tamil Nadu under NHDP Phase-IV.</b></p> <p><b>Client : IRB Infrastructure Developers Ltd</b></p> <p><b>Location : Tamil Nadu, India</b></p>	Jun-2018 to Oct-2019	<p>Detailed Design and Drawings for Road and Structure Components</p> <p>Length – 38 Kms, Bypasses – 33.58 Km. Service Roads – 1.9 Km, Slip road – 24.82 km, Junctions – 19 Nos, Grade Separated Junctions – 15 Nos, Culverts – 129 Nos, Major bridge – 3 Nos, Minor Bridges – 12 Nos, ROBs – 3 Nos.</p>
4	<p><b>Detailed Design Consultancy Services for Four-Laning of Poondiankoopam – Sattanathapuram (Design Ch Km. 67.000 to Design Ch Km. 123+000) section of NH-45A in the State of Tamil Nadu under NHDP Phase IV on “Hybrid Annuity”</b></p> <p><b>Client : IRB Infrastructure Developers Ltd</b></p> <p><b>Location : Tamil Nadu, India</b></p>	Jun-2018 to Oct-2019	<p>Detailed Design and Drawings for Road and Structure Components</p> <p>Length – 56.8 Km, Bypasses – 18.78 Km., Service Roads – 22.02 Km, Slip road – 26.17Km, At-grade Junctions – 37 Nos, Grade Separated Junctions – 38 Nos, Culverts – 177 Nos, Major bridge – 7 Nos, Minor Bridges – 25 Nos, ROBs – 2 Nos.</p>



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5	<p><b>Detailed Design Service for Smart Roads in Dehradun for Dehradun Smart City</b>  <b>Client : Almondz Global Infra Consultants Ltd</b>  <b>Location : Uttarakhand, India</b></p>	<p>Oct - Nov-2019            &amp;            Jan – Feb -2020</p>	<p>Detailed Design and Drawings of City Road with Smart Features and Landscaping on EPC Mode</p> <ul style="list-style-type: none"> <li>• Length: 12 Km</li> <li>• Clock Tower –DharshanLal Chowk - Saharanpur Chowk &amp; Pant Road – Convent Road – New Survey Road</li> <li>• Prince Chowk - Araghar Chowk - Haridwar Road, Araghar Chowk – Behel Chowk – EC Road, Dilaram Chowk -Clock Tower - Rajpur Road, &amp; Clock Tower to Kishan Nagar Road – Chakrata Road</li> </ul>
6	<p><b>Preparation of Detailed Project Report and Engineering Design for Kannur International Airport Connectivity Package Roads (3 Roads)</b>  <b>Client : Kerala Road Fund Board</b>  <b>Location : Kerala, India</b></p>	<p>May -2019 to Till Date</p>	<p>Detailed Project Report            Length: 117.86 Kms, Width of carriageway: 4 Lane, Type of Terrain: Hilly /Plain, Type of Pavement: Flexible, Bridges : 3 Major &amp; 14 Minor, 9 Nos, Engineering Analysis</p>
7	<p><b>Design of Dualization of Wadi Sa'a-Hafit Road (Al Burani Governorate) and IBRI Southern Bypass Dual Carriageway (AL Dhahirah Governorate) - Prapration of Road Signs &amp; Traffic Markings</b>  <b>Client : National Engineering Office</b>  <b>Location : Sultanate of Oman</b></p>	<p>Feb-2019 to Jun-2019</p>	<ul style="list-style-type: none"> <li>• Length: 60</li> <li>• The various design services for IBRI bypass, Wadi Saa arterial road and Sohar IWTF layout including Design of Highway/Interchange Layout, signage marking, drains and landscaping.</li> <li>• Detailed Design and Drawings for signage plan, marking layout and landscape design according to GCC sign manual and OHDM specifications. Carryout hydraulic studies and propose appropriate drainage measures for Sohar IWT layout of 5 hectares.</li> </ul>
8	<p><b>Detailed Design and Drawings for Road and Structure Components, including concept design services for developing model urban corridor From Karamana to Kalikkavila under KIFB</b>  <b>Client: The Uralungal Labour Contract Co-operative Society Limited</b>  <b>Location: Kerala, India</b></p>	<p>Feb-2019 to Till Date</p>	<p>Detailed Design of Road and Structure Components</p> <ul style="list-style-type: none"> <li>• Length: 8</li> <li>• Width of carriageway: 4 lanes with paved shoulders</li> <li>• Type of Terrain: Plain/Rolling</li> <li>• Type of Pavement: Flexible pavement</li> <li>• Culverts: 16 Nos.</li> <li>• Bridges: 2 Nos</li> <li>• Other facilities: Bus Buys, Drainage, street lighting</li> </ul>



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9	<p><b>Design Consultancy Services for Six Lanning of Existing 4 Lane road from Gundugulanu (Design km 1023.280) to Kalaparu (Design km 1050.58) of NH5</b></p> <p>Client : <b>Varaha Infra Limited, Jodhpur</b> Location : <b>Andhra Pradesh, India</b></p>	Dec-2019 to June-2023	<p>Detailed Design of Road and Structure Components</p> <ul style="list-style-type: none"> <li>Length: 28 Kms on <b>EPC Mode</b>.</li> <li>Width of carriageway: 6 Lane with paved shoulders</li> <li>Type of Terrain: Plain</li> <li>Type of Pavement: Flexible Pavement</li> <li>Culverts: 95 Nos.</li> <li>Bridges: 2 Major, 9 Minor, 2 RoBs</li> <li>Other facilities: 4 Flyovers</li> </ul>
10	<p><b>Detailed Design for rehabilitation from km 520/400 to km 544/000 on NH- 66 (Old NH 47) Near Attingal in the State of Kerala on EPC Mode</b></p> <p>Client : <b>Shree Dhanya Constructions Pvt. Ltd</b> Location : <b>Kerala India</b></p>	Dec-2019 to Sep-2020	<p>Detailed Design of Road and Structure Components on <b>EPC Mode</b></p> <ul style="list-style-type: none"> <li>Length: 24 Kms</li> <li>Width of carriageway: <b>2 Lane with Paved Shoulder</b></li> </ul>
11	<p><b>Detailed Design Service for Four Lane Expressway from the start of DSIR Zone of Ahmedabad District to Adhelai Village B - 1 of Bhavnagar district (Ch. 71+060 to Ch. 109+019 ) section of Ahmedabad-Dholera Greenfield Alignment (NH-751) - Package-IV</b></p> <p>Client : <b>MKC Infrastructure Limited</b> Location : <b>Gujarat, India</b></p>	Sep-2020 to June-2024	<p>Detailed Geometrics Design. Grading Plans, Detailed Cross Sections, and Good for Con. Drawings</p> <ul style="list-style-type: none"> <li>Total of 37.959 km</li> <li>Type of Carriageway: 4 lane divided carriageway with depressed median</li> <li>Type of Terrain: Plain</li> <li>Type of Pavement: Flexible and Rigid pavement</li> <li>4 service Interchanges and 4 left in left-out type interchanges</li> </ul> <p>Other facilities: Bus Buys, Truck Buys, Toll Plaza, Drainage</p>
12	<p><b>Detailed Design Service for upgrading Punalur (KM 0+000) to Ponkunnam (KM 29+840) (Konni) Road (SH-8) on EPC Mode – Package 8A</b></p> <p>Client: <b>Cherian Varkey Construction Company Private Limited</b> Location: <b>Kerala, India</b></p>	Oct-2020 to Till Date	<p>Detailed Design of State Highway Project in Kerala on EPC Mode</p> <ul style="list-style-type: none"> <li>Length – 29.840 Kms</li> <li>Connecting Roads – 3.35 Kms</li> <li>Cycle Track – 0.0 Km Interchange – 0 Nos, Flyover– 0 Nos, VUP- 0 Nos, CUP- 0 Nos, Culverts – 99 Nos, Major Bridge – 0 Nos, Minor Bridges – 7 Nos</li> </ul>



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13	<p><b>Detailed Design Service for Rehabilitation and Upgrading the roads (i) to Edavanna Section of SH Section of SH - 34 (Km 51/200 to 69/380 - Length of 18.18 Km), (ii) South Puthalam to Nelliparambu Section of Major District Road (Km 0/000 to 13/350 - Length of 13.35 Km), Total length of 31.50 KM in Malappuram District Under Rebuild Kerala Initiative (RKI)</b>  <b>Client: Shree Dhanya Constructions Pvt. Ltd</b>  <b>Location: Kerala, India</b></p>	Oct-2020 to Mar-2022	<p>Detailed Design Services            Length – 31.51 Km, Connecting Roads – 7.5 km, Culverts – 115 Nos, Major Bridge – 1 Nos, Minor Bridges – 1 Nos</p>
14	<p><b>Detailed Design Services for Rehabilitation &amp; Upgradation of Alappuzha – Changanassery Road into Semi Elevated Highway under Rebuild Kerala Initiative</b>  <b>Client : The Uralungal Labour Contract Co-operative Society Limited</b>  <b>Location : Kerala, India</b></p>	Oct-2020 to Mar-2022	<p>Detailed Design Services            Length – 24.20Kms <b>EPC Mode</b>, Flyover– 5Nos, Culverts – 64 Nos, Major Bridge – 3Nos, Minor Bridges – 13Nos, Cause way- 9Nos. Bus bays 10Nos, At Grade Junctions- 16Nos.</p>
15	<p><b>Detailed Design Service for Upgradation of Chemmannar – Gap Road (Km 0+000 to 29+935) under ‘Rebuild Kerala Initiative’</b>  <b>Client: Greenworth Infrastructures Pvt Ltd.</b>  <b>Location: Kerala, India</b></p>	Oct-2020 to Till Date	<p>Detailed Design Services            Length – 29.935 Kms on <b>EPC Mode</b>, Connecting Roads – 3.31kms, Culverts – 76 Nos, Minor Bridges – 4 Nos.</p>
16	<p><b>Detailed Design Service for Rehabilitation and Upgrading the road Mananthavady to Periya Road of Major District Road (Length of 27.30 Km) in Waynad District under Rebuild Kerala Initiative (RKI)</b>  <b>Client: The Uralungal Labour Contract Co-operative Society Limited</b>  <b>Location: Kerala, India</b></p>	Nov-2020 to Till Date	<p>Detailed Design Services            Length – 27.30 Kms <b>EPC Mode</b>,</p>
17	<p><b>Detailed Design Services for Rehabilitation and Upgrading the road, Thavalam to Mulli of Major District Road (Length 28.50 Km) in Palakkad District</b>  <b>Client: Akshaya Builders in JV with EKK</b>  <b>Location: Kerala, India</b></p>	Nov-2020 to Mar-2022	<p>Detailed Design Services            Length – 28.50 Kms–Major Junction – 7Nos, Minor Bridge – 7 Nos – Culverts – 61 Nos – Pavement Design – Drainage Design <b>EPC Mode</b>,</p>
18	<p><b>Detailed Design Service for Upgrading Punalur to Ponkunnam road (SH 8) in Kerala, Package 8C: Km 60+000 (Placherry) to Km 82+173 (Ponkunnam) - Length 22 KM</b>  <b>Client: Shree Dhanya Constructions Pvt. Ltd</b>  <b>Location: Kerala India</b></p>	Oct-2019 to Till Date	<p>Detailed Design of Road and Structure Components</p> <ul style="list-style-type: none"> <li>• Length 22 Kms</li> <li>• Width of carriageway: 2 Lane with Paved Shoulder</li> <li>• Type of Terrain: Hilly /Rolling</li> </ul>



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			<ul style="list-style-type: none"> <li>Type of Pavement: Flexible</li> <li>Bridges: 1 Major &amp; 3 Minor, 4 Nos</li> <li>Engineering Analysis</li> </ul>
19	<p><b>Detailed Design Services for upgrading SH-34 Koyilandy-Thamoraserry-Mukkam-Areekode Erhanimavu Road: i)km 4+100 to 25+000 Koyilandy to Poonoor ii) km:25+000 to 37+500-Poonoor to Omassery iii) km 37+500 to 44+000 and 44+600 to 51+020 Omassery to Erhanimavu for a length of 46.32 km two-lane paved shoulder in the State of Kerala</b>  <b>Client : Sigmar Consultancy Private Limited</b>  <b>Location : Kerala India</b></p>	Sept-2020 to January 2023	<p>Detailed Geometrics Design, Pavement Design, Drainage Design, Major and Minor Junction Designs, and Good for Construction Drawings, Safety</p> <ul style="list-style-type: none"> <li>Total of 46.32km</li> <li>Type of carriageway: 2 lane/ 2 lane with paved shoulder</li> <li>Type of Terrain: Plain &amp; Rolling</li> <li>Type of Pavement: Flexible pavement</li> <li>Major Junction- 7 nos</li> <li>Minor Junctions-39 nos</li> </ul>
20	<p><b>Design Services for KIIFB - KIIDC - Extension of Moolathara Right Bank Canal from Korayar to Varattayar</b>  <b>Client : KIIFB-KIIDC</b>  <b>Location:Kerala</b></p>	Mar-2022. Design completed in 1 year. Construction Ongoing.	<p>Project Features :</p> <p>Total Length 6430m  RCC Closed Rectangular Section-1722m (3.0x2.5 &amp; 2.8x2.4 m)  RCC Open Rectangular Section-839m (3.0x2.5, 2.8x2.4 &amp; 2.2x2.4 m)  Aqueduct - 3197m (2.2x2.4 cross section with spans of 17.0m, 20.0m &amp; 25.0m having minimum radius of 60.0m)  Syphon – 190m ( 2.0 x 2.5m)  Tunnel-400m (3x2.8m)  Weir Drop – 1 No.  Offtake Structure- 1 No.  Head Regulator -1 No.  Cross Regulator-1 No.  Sump, lift irrigation and Overhead tank -1 No.  Delivery pipe- 1500m  Manhole and control valves – at every 300 m interval  Pond Restoration -14 numbers  Restoration of existing canal – 7000m  Surplus Escape- 2 numbers</p>



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21	<p><b>Consultancy Services for Provn of Bridge/Culvert and Provn of Road at AFTC Jalahalli Bangalore.</b>  <b>Client : Military Engineering Service</b>  <b>Location: Bangalore, Karnataka</b></p>	Feb-2022 to Jun-22	Design of solid slab bridge of 72 m span with abutment, pier and return wall which connecting the inner roads at AFTC Jalahalli. The project also includes the design of approach roads of the bridge and stream cross section, architectural and structural drawing of bridge and its components, cost estimation.
22	<p><b>Detailed Design and Investigation of Main Carriageway, Service Road, Roads for Interchange &amp; Loops, Toll Plaza, Way-side amenities &amp; Rest area, Roadside Drain, Road Furniture and Road facilities and other miscellaneous works as per Schedule B and Schedule C of Tender Documents for Packages 8,9 and 10</b>   <b>Client: MKC Infrastructure Ltd.</b>  <b>Location: Gujarat</b></p>	Aug-2021 to Till Date	<p>Detailed Geometrics Design. Grading Plans, Detailed Cross Sections, and Good for Con. Drawings</p> <ul style="list-style-type: none"> <li>Total of 27.1 km</li> <li>Type of Carriageway: 6 lane divided carriageway</li> <li>Type of Terrain: Plain</li> <li>Type of Pavement: Flexible and Rigid pavement</li> <li>2 Dumbbell Interchanges</li> </ul> <p>Other facilities: Bus Buys, Truck Buys, Toll Plaza, Drainage</p>
23	<p><b>Design Consultancy services for COS works for the following: 1. Construction of VUP of size 20 x 5.5 at Km 455+558 near Digwal Village in the state of Telangana 2. Construction of LVUP of size 12x 4.5 at KM 473 + 873 near Arror Village in the state of Telangana 3. Construction of VOP/SVUP at Km 463+180, Lingampally village in the state of Telangana.</b>   <b>Client: L &amp; T IDPL</b>  <b>Location: Telengana</b></p>	Under Progress	<p>VUP @ 455+558</p> <ul style="list-style-type: none"> <li>VUP Approach – 1.140 KM</li> <li>Both side service road (Length -.620 KM)</li> <li>Width of carriageway – 4 Lane with Paved shoulder and Service Road</li> <li>Type of Pavement – Flexible</li> <li>Type of terrain – Plain/ Rolling.</li> <li>Single span vehicular underpass of span length 22.06m, having total width of 2x10.75m. Precast RCC girder and RCC hammer headed pier type abutments resting on open foundation.</li> </ul> <p>VOP at 463+180</p> <ul style="list-style-type: none"> <li>Main Carriageway Widening – 1.140 KM</li> <li>Both side service road (Length -0.510 KM)</li> <li>Width of carriageway – 4 Lane with Paved shoulder and Service Road</li> <li>Type of Pavement – Flexible</li> <li>Type of terrain – Plain/ Rolling.</li> </ul>



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			<ul style="list-style-type: none"> <li>• 14.0m wide vehicular overpass with span arrangement of 2x17.03m. RCC precast girders with wall type abutment and hammer headed rectangular pier resting on open foundation <u>LVUP @ 473+873</u></li> <li>• LVUP Approach – 0.800 KM</li> <li>• Both side service road (Length -2.500 KM)</li> <li>• Width of carriageway – 4 Lane with Paved shoulder and Service Road</li> <li>• Type of Pavement – Flexible</li> <li>• Type of terrain – Plain/ Rolling.</li> <li>• RCC Box type structure having opening size of 12.0x5.5m with a cross sectional width of 33.0m.</li> <li>• Box Culvert – 1 No Widening &amp; 1 No Reconstruction</li> <li>• Pipe Culverts – 4 Nos Widening 2 Nos Reconstruction Drain, Retaining Wall</li> </ul>
24	<p><b>Design Consultancy services for COS works for the following,</b></p> <p><b>1. Construction of Service Road from Km 414+500 to Km 415+320 on LHS and from Km 414+200 to Km 415+350 on RHS along with FOB at 414+500 Near Manne Kheli Area, Gandhi Dargah in the state of Karnataka</b></p> <p><b>Client : L &amp; T IDPL</b> <b>Location: Karnataka</b></p>	Under Progress	<ul style="list-style-type: none"> <li>• Both side service road (Length -2.3 KM)</li> <li>• Width of carriageway – 4 Lane with Paved shoulder and Service Road</li> <li>• Type of Pavement – Flexible</li> <li>• Type of terrain – Plain/ Rolling.</li> <li>• FOB @ 414+460 – 2 span steel foot over bridge having individual spans of length 28.5m each.</li> </ul>
25	<p><b>Detailed designing of Project "Widening to Six Lane of Existing Four lane Jetpur Gondal Rajkot Section from KM.117.600to Km185.00 on NH No.27 in the State of Gujarat on EPC Mode under Bharatmala Pariyojana"</b></p> <p><b>Client: Varaha Infra Limited</b> <b>Location: Gujarat</b></p>	July 2022 to Till Date	<p>Detailed Geometrics Design, Pavement Design, Drainage Design, Major and Minor Junction Designs, and Good for Construction Drawings, Safety</p> <ul style="list-style-type: none"> <li>• Total of 67.4km</li> <li>• Type of carriageway: 6 lane divided carriageway</li> <li>• Type of Terrain: Plain</li> <li>• Type of Pavement: Flexible and Rigid pavement</li> </ul>



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			<ul style="list-style-type: none"> <li>Grade Separated Intersections- 45 nos</li> <li>Minor Junctions-80 nos</li> </ul> <p>Other facilities: Bus Buys, Truck Buys, Toll Plaza, Noise Barrier etc</p>
26	<p><b>Upgradation of Yagyi-Kalewa Section (Milepost 40/0 to Milepost 115/5) in Myanmar to two lane with Earthen Shoulders through on EPC Basis</b></p> <p><b>Client : Government of Republic of the Myanmar</b> <b>Location: Myanmar</b></p>	July 2018- Nov 2021	<p>Design Services - Road Length: 112 km Culverts- 35 Nos Retaining Wall -25km High Level Via Duct cum Bridge-200m Minor Bridge-8 Nos Design for Reinstating Water Supply Main 400 mm Dia From Km68+000 to Km 74+200</p>
27	<p><b>Four laning of Thirumangalam to Vadugapatti section from km 0.000 to km 36.000 of NH-744 under Bharatmala Pariyojana scheme in the state of Tamilnadu on EPC mode: Highway Design.</b></p> <p><b>Client : ALR Constructions</b> <b>Location: Tamil Nadu</b></p>	Aug-22 to Till Date	<p>The proposed project alignment is starts at old NH-44 crossing near Thirumangalam, continues to NH-744 and ends at Ch. 36+000 near Vadugapatti (total project length = 36.00 Kms). The project includes to prepare the detailed Geometric design of highways and its cross section, horizontal alignment and vertical alignment of profile, Pavement design, Drainage design, junction design, safety audits, preparation of design basis reports, value engineering and quantity work out of the items.</p>
28	<p><b>Technical Review and Support Services to SPVs for the Development of Project Execution Documents in Road Projects in the State of Kerala- WO1</b></p> <p><b>Client : RIT Planning and Research Centre (KSCSTE-NATPAC)</b> <b>Location: Kerala</b></p>	Under Progress	<p>Road geometric Design, Storm water design, Project Execution Documents, Structural design for bridges, retaining wall and culverts, BoQ for 95 km roads</p>
29	<p><b>Technical Review and Support Services to SPVs for the Development of Project Execution Documents in Road Projects in the State of Kerala- WO2</b></p>	Sep-2022 Under Progress	<p>Road geometric Design, Storm water design, Project Execution Documents, Structural design for bridges, retaining wall and culverts, BoQ for 45 km roads</p>



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	Client : <b>KSCSTE-National Transportation Planning and Research Centre (KSCSTE-NATPAC)</b> Location: Kerala		
30	<b>Technical Review and Support Services to SPVs for the Development of Project Execution Documents in Road Projects in the State of Kerala- WO3</b> Client: <b>KSCSTE-National Transportation Planning and Research Centre (KSCSTE-NATPAC)</b> Location:	Aug-2022 Under Progress	Road geometric Design, Storm water design, Project Execution Documents, Structural design for bridges, retaining wall and culverts, BoQ for 4 km road
31	<b>Services for Technical review and Support services to SPVs for the Development of Project Execution Documents in Transport Projects - 9 Roads (FDR)</b> Client : <b>KSCSTE-National Transportation Planning and Research Centre (KSCSTE-NATPAC)</b> Location	June 2023 Under Progress	Road geometric Design, Storm water design, Project Execution Documents, Structural design for bridges, retaining wall and culverts, BoQ for 78 km roads
32	<b>Design Consultancy for North West Road</b> Client : <b>Bangalore International Airport Ltd</b> Location:Bangalore, Karnataka	Sep-2022 to Jan-2023	The proposed project road of 1.4 km (6 lane /4 Lane / 2 lane) is the widening of existing northwest road (water booster road) in the Bangalore airport. The scope of work is to carry out Detail Design of entire stretch including geometric design of highway, pavement design, Box drainage, Utility cross duct, street lights and Traffic Signs
33	<b>Development of New Greenfield Airport at Dholera, Ahmedabad (Gujarat) Phase I SH: Detailed Designing, Engineering, Procurement and Construction of Airport Infrastructure of Operational area of 4E category operation of Airport - ie runway, Taxiway, apron, Perimeter Road including associated electrical works.</b> Client : <b>Varaha Infra Ltd.</b> Location: Gujarat	July-2022 to Till Date	<ul style="list-style-type: none"> <li>➤ Detailed design (geometric design and Pavement design) of <ul style="list-style-type: none"> <li>• Runway(3400m X 45m) and RESA(240m X 90m)</li> <li>• Taxiway</li> <li>• Apron</li> <li>• Isolation Bay</li> <li>• Perimeter Road etc.</li> </ul> </li> <li>➤ Land Development / Area grading works</li> </ul>



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			<p>➤ Detailed design for ground improvement of sub soil</p> <p>Design of Storm water drainage system</p>
34	<p><b>Preparation of DPR and component-wise cost Estimate on Price Software for the Project "Construction of Roads and Bridges at Nilakkal"</b></p> <p><b>Client: High Power Committee for the Implementation of Sabarimala Masterplan</b></p> <p><b>Location: Kerala</b></p>	Sep-2022 to till date	<p>The scope of the consultant includes</p> <ul style="list-style-type: none"><li>*preparation of Cross Section drawings for Roads in line with the approved Master Plan for Nilakkal Base camp</li><li>*GAD and other preliminary drawings for Structures (flyover/bridge and culverts) in line with the approved Master Plan for Nilakkal Base camp</li><li>*3D drawings of the project at Nilakkal Base Camp</li><li>*Preparation of detailed drawings for roads and structures after approval</li><li>*Drawings for provision of lighting and signage</li><li>*Detailed cost estimate with PRICE software</li><li>*Technical Schedules for Tender Documents</li><li>*Assist the client in technical matters related to procurement of the contractor</li><li>*Provide technical assistance during construction</li></ul>



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35	<p><b>Consultancy Services for review of existing DPR submitted by Kerala Water Authority and alternative proposal of "Thiruvananthapuram - Neyyar alternative source laying 1422mm MS pipe of 12.5mm thick, transmission main</b></p> <p><b>Client : RITES LTD</b> <b>Location: Karnataka</b></p>	Sep-2023 to Oct-2023	Reviewed the DPR and prepared the alternative alignment with a comparison of options and pipe laying routes with a detailed hydraulic report.
36	<p><b>Design Review and Documentation for Design and Construction of Khasab Daba Asphalt Road- Link to Lima.</b></p> <p><b>Client : Al Manarah Engineering Consultancy</b> <b>Location : Sultanate of Oman</b></p>	Apr-2024 to Till date	Review of geometric highway design and hydraulic design.
37	<p><b>Consultancy Services for Hydraulic Design, considering gravity flow, selection of conveyance mode, preliminary design of pressure gauges, junctions, inlets, and outlets.</b></p> <p><b>Client : RITES LTD</b> <b>Location: Karnataka</b></p>	June 2024 to Till Date	
39	<p><b>Construction of 6-lane access-controlled Greenfield highway from km 180+000 to km 207+100 of Deogarh (near Dhandhaniya)-Rajasthan/ Gujarat Border section of NH-754K as a part of Amritsar-Jamnagar Economic Corridor in the State of Rajasthan on EPC mode under Bharatmala Pariyojana (Phase-1) (AJ/DRGB-Package-8)</b></p> <p><b>Client : MKC INFRASTRUCTURE</b> <b>Location: Rajasthan</b></p>	Completed (Dec 2021- June 2024)	Detailed design of 27.1 km road includes the construction of 33 culverts, 1 major bridge, 06 minor bridges with underpass design of 4 VUP, 15 SVUP and 8 LVUP and 2 Interchange design
44	<p><b>Design Consultancy for Water Pond and Water Supply for The Northwest Road at Bangalore Airport</b></p> <p><b>Client : Bangalore International Airport Ltd</b> <b>Location:Bangalore, Karnataka</b></p>	Nov 2023- Jan 2024	The detailed engineering design covers a 4000 cum of Pond including protection and Infiltration wells, comprising 1.5 km Pipe Line Design with Pump Station.



## List of Completed and Ongoing Projects

45	<p><b>Design Consultant for Upgrading of Internal Roads at Saham, North Al Batna Governorate</b></p> <p>Client: <b>Al Manarah Engineering Consultancy</b> Location: Oman</p>	Aug 2024- May 2025	<p>Dual Road: Upgrade 3 km dual carriageway; improve connectivity, junctions, drainage, lighting, and utilities.</p> <p>Service Roads: Design along 13 km of Batinah Highway; enhance cross-sections, drainage, pedestrian facilities, and lighting.</p> <p>Internal Roads: Assess, design, and upgrade roads; include drainage, pedestrian facilities, lighting, and parking.</p>
46	<p><b>Road Rectification Consultancy at Gate 03, Masterplan Works, International Tech Park</b></p> <p>Client: <b>Capita Land</b> Location: ITPL, Bengaluru</p>	Nov-2024 to till date	<p>Rectification of existing road works from Gate 3 to the main road of 0.5km - Including Quality audit and Site Inspection.</p>
47	<p><b>Providing Transport Planning &amp; Traffic engineering, Structural design of platform shelter for the Tumakuru railway station redevelopment works.</b></p> <p>Client: <b>KIIFCON</b> Location: Tumakuru, Karnataka</p>	Sep-2025 to till date	<p>Structural design of the platform shelter of 1850 sqm – design of road works and access roads for the railway station – Development of Circulation plan for the MLCP, drop-off/pick-up vehicles</p>
48	<p><b>Design Review of Construction of Shis Madha Al Nahwa Road in Sharjah-Oman Border.</b></p> <p>Client: <b>Al Manarah Engineering Consultancy</b> Location: Oman</p>	Sep-2025 to till date	<p>Review of Preliminary and detailed design stages along with documentation services for 4.25 km road stretch - Detailed geometric design of 2.5 km road connectivity stretch</p>



## List of Completed and Ongoing Projects

PRE-TENDER SERVICES	
Sl. No	Project Title, Description, Client & Location
1	<p><b>Pre-Bid Service for Development of six-lane access-controlled highway from design chainage 0+000 (Ganespur) to design chainage 8+130 (near Mohand) of Ganeshpur – Dehradun section of NH-72A in the state of Uttar Pradesh under Bharatmala Pariyojana (Package-1) on EPC mode.</b> Client : <b>RDS Projects Limited</b> Location : Uttar Pradesh, India</p>
2	<p><b>Construction of 6-lane access-controlled Greenfield highway from km 67+00 to km 99+00 of Rajasthan/Gujarat Border to Santalpur section of NH-754K as a part of Amritsar-Jamnagar Economic Corridor in the State of Gujarat on EPC mode under Bharatmala Pariyojana (Phase-1) (AJ/RGBS/Package-3)</b> Client : <b>Varaha Infra Limited, Jodhpur</b> Location : Gujarat, India</p>
3	<p><b>Technical Advisory Services and Profile optimisation for Rehabilitation and upgradation of NH 165 from Pamaru to Akiveedu section with 2 Lane and paved shoulder</b> Client : <b>Jodhpur</b> Location : Andhra Pradesh, India</p>
4	<p><b>Four Laning of Jaipur Deoli Section of NH 12, design of LVUP at Km 14+250</b> Client : <b>Modern Road Makers Pvt. Ltd.</b> Location : Rajasthan, India</p>
5	<p><b>Six Laning of Chengala to Neleshwaram town (Pallikara Railway Gate) section of NH-17 (New NH 66) in the State of Kerala under NHDP Phase-III from Ex.km 57+200 to km 95+650 on Hybrid Annuity mode</b> Client : <b>Cherian Varkey Construction Company Pvt. Ltd</b> Location : Kerala, India</p>
6	<p><b>Four-Laning of Puducherry - Sathanathapuram section of NH-45A in the State of Tamil Nadu and Union territory of Puducherry on Hybrid Annuity mode</b> Client : <b>Monte Carlo Construction Pvt. Ltd</b> Location : Tamil Nadu, India</p>
7	<p><b>Four laning of Mamallapuram to Mugaiyur Section of NH-332A from Km.0.000 to Km 31.000 (Design Chainage) under Bharatmala Pariyojana Phase-I (Feeder Routes) on Hybrid Annuity Mode in the State of Tamil Nadu.</b> Client : <b>Adani Infrastructure Private Limited</b> Location : Tamil Nadu, India</p>
8	<p><b>Four laning of Mugaiyur to Marakkanam Section of NH-332A from Km.31.000 to Km 62.000 (Design Chainage) under Bharatmala Pariyojana Phase-I (Feeder Routes) on Hybrid Annuity Mode in the State of Tamil Nadu.</b> Client : <b>Adani Infrastructure Private Limited</b> Location : Tamil Nadu, India</p>
9	<p><b>Delhi – Vadodara Expressway Package 26 &amp; 27</b> Client : <b>Adani Infrastructure Private Limited</b> Location : Tamil Nadu, India</p>
10	<p><b>Mumbai – Vadodara Expressway Package 6 &amp; 7</b> Client : <b>Adani Infrastructure Private Limited</b> Location : Tamil Nadu, India</p>



## List of Completed and Ongoing Projects

SAFETY CONSULTANTS			
Sl. No	Project Title, Client & Location	Duration of the Project	Description of the Project
1	<b>Appointment of Road Safety Auditors / Consultant for conducting Road safety audit, detailed survey, investigation, preparation of DPR, RFP documents/cost estimate/BOQ for long term measures including submission of short-term measures at identified Black spots on National Highways under the jurisdiction of Regional Office-Kerala (Package-IV)</b> <b>Client: National Highways Authority of India</b> Location: Kerala, India	Dec-2020 to till Date	Road Safety Blackspot Study for 14 spots in Kerala on NH 744 & NH 47
2	<b>Strengthening of carriage way from KM 274/000 to 286/618 of NH 85 (Old NH 49) in the State of Kerala EPC Mode</b> <b>Client: Kerala State Transport Project</b> Location: Kerala, India	Oct-2019 to till Date (Ongoing)	Safety Consultant for 12 Kms State Highway Project in Kerala
3	<b>Strengthening and Geometric Improvements from Km. 194/200 to 202/000 of NH 85 (Old NH 49) in the State of Kerala on EPC Mode</b> <b>Client : Kerala State Transport Project</b> Location: Kerala, India	Sep-2019 to till Date (Ongoing)	Safety Consultant for 8 Kms State Highway Project in Kerala
4	<b>Independent Road Safety Audits and Rectification Measures of Black Spots at NEC College Jn (TN-(02)-292), Pottal to Keelanatham Vilaku (TN-(02)-300), Sanampatti (TN-(02)- 340), under PIU, Madurai in the State of Tamil Nadu.</b> <b>Client: Kerala State Transport Project</b> Location: Tamil Nadu, India	Jun-2021 to Till Date	Preparation of Road safety Audit report for the blackspots and provide the long-term improvement measures, such as Vehicular Underpasses, Foot over bridge with drawings and cost estimate.
5	<b>Appointment of Safety Consultants for Package-I: Four Laning of 1) Dobaspet to Doddaballapur Bypass section from Km0.00 to Km. 42.00 (Pkg-1) 2) Doddaballapur Bypass to Hoskote section</b>	May 2022-Till Date	Conducting road safety audits for- the Design Stage, Construction Stage, Pre-opening Stage and Operation and Maintenance Stage.



## List of Completed and Ongoing Projects

	<p>from Km.42.00 to Km.80.00 (Pkg-II) of NH-648 (old NH-207) on Hybrid Annuity Mode under Bharatmala Pariyojna, in the state of Karnataka</p> <p><b>Client : Jaiman Construction &amp; Consultants LLP</b></p> <p>Location: Bangalore, Karnataka</p>		
6	<p><b>Appointment of Safety Consultants for Package-I: Four Laning Expressway from Km 0.00 to Km 26.400 (along with 0.7 km approach towards NH-207 with interchange on NH-4 at start point) of Bangalore to Malur section of Bangalore-Chennai Expressway (Phase-1, Package-I) Package-II: Four Laning Expressway from Km 26.400 to Km 53.500 of Malur to Bangarpet section of Bangalore-Chennai Expressway (Phase-1, Package-11) Package-III: Four Laning Expressway from Km 53.500 to Km 71.00 of Bangarpet to Bethamangala Section of Bangalore-Chennai Expressway (Phase -1, Package-III) on Hybrid Annuity Mode under Bharatmala Pariyojana in the state of Karnataka.</b></p> <p><b>Client : Jaiman Construction &amp; Consultants LLP</b></p> <p>Location: Bangalore, Karnataka</p>	May 2022- Till Date	Conducting road safety audits for- Design Stage, Construction Stage , Pre-opening Stage and Operation and Maintenance Stage.



## List of Completed and Ongoing Projects

Sl. No	Project Title, Client & Location	Project Duration	Description of the Project
<b>TRAFFIC AND TRANSPORTATION STUDIES</b>			
1	<b>Traffic Consultancy for Mixed Development at Embassy Tech Village</b> <b>Client: Vikas Telecom Private Limited (An Embassy Group Company, Bangalore)</b> <b>Location: Karnataka, India</b>	Jul-18 to till date	Traffic Circulation and Detailed Traffic Management Plan for Mixed Use Development in Embassy Tech Village, Ring Road, Bangalore. The project comprises of Five Star Hotel, Three Star Hotels, a Convention Centre, and Four Multistoried Office buildings within Embassy Tech Village.
2	<b>Traffic Impact Assessment Study for Office Building Project at Kakkanad, Kochi</b> <b>Client: Vastushilpalaya Consultancy Pvt. Ltd</b> <b>Location: Kerala, India</b>	Aug-18 to Aug-18	The South Indian Bank Limited is planning for their Zonal Office in Kakkanad, Ernakulam, to establish traffic on the present road network and likely traffic generation on the establishment of their Zonal Office.
3	<b>Traffic Circulation Advisory services and Simulation using VISSIM for Mixed Development at Taurus Zentrum, Techno Park Phase III, Trivandrum</b> <b>Client: Dragonstone Realty Private Limited, Subsidiary of Ti Holdings, USA</b> <b>Location: Kerala, India</b>	Oct-18 to till date	Traffic Circulation and Detailed Traffic Management Plan for Mixed Use Development on Non-SEZ Parcel @ Taurus Downtown Techno Park in Trivandrum. The Project Comprises of Five-Star Hotel, Three Star Hotels, a Multistoried Office, a Retail Mall, a Residential Tower, a Banquet Hall, and a Multiplex.
4	<b>Preparation of Development Plan of New Towns Proposed Along Nagpur - Mumbai Super Communication</b> <b>Client: Almondz Global Infra Consultants Limited</b> <b>Location: Maharashtra, India</b>	Jan-2019 to till date	Area 1048.50 ha Proposal for Industrial Township as part of nod Samruddi Mahamarg Connecting Mumbai & Nagpur Traffic Survey, Identifying existing access roads to project, Proposing new Access roads, Existing road network analysis, Trip generation from the proposed development, Assessing the impact of added traffic on the road network, Mitigations/suggestions proposed to improve the level of service of the road network
5	<b>Traffic Impact Assessment Studies Barka Residential Development, Oman</b> <b>Client: Al Manarah Engineering Consultancy</b> <b>Location: Sultanate of Oman</b>	Nov-18 to Mar-19	Traffic Circulation and Detail Traffic Management Plan 355,000 Sq.m of Land to Adrak Developers LLC for 1050 houses. This also include preparation of suggestive road layouts and improvement layouts for the interchanges and intersections near to the proposed layout



## List of Completed and Ongoing Projects

6	<p><b>Development of Child-Friendly Infrastructure in Dehradun under AFD (France) Funding</b>  <b>Client: Athena Infonomics India Pvt. Ltd</b>  <b>Location: Uttarakand, India</b></p>	Feb-2020 to till date	Development of Measures to improve Safety and engagement of Children on their way to school
7	<p><b>Traffic Study for the development of a high-end residential complex at Karakulam near Peroorkada, Trivandrum</b>  <b>Client: Aroma International Building Contracting India Private Limited</b>  <b>Location: Kerala, India</b></p>	Jan-2020 to till date	Traffic consultant for Residential Township in Kerala
8	<p><b>Consultancy Services for Construction of Elevators/Escalators in Shimla on EPC mode</b>  <b>Client: Almondz Global Securities Limited</b>  <b>Location: Himachal Pradesh, India</b></p>	Feb-2020 to Till Date	Traffic Study of requirement of Escalators and elevators based on population input for provision of Escalators and Elevation
9	<p><b>Traffic Risk Assessment &amp; Management plan for ALBA Calciner &amp; Marine</b>  <b>Client: Envirotech Consultancy W.L.L.</b>  <b>Location: Kingdom of Bahrain</b></p>	Oct-2021 to Mar-2022	Analysis of traffic volume data. And Analysis of traffic growth trends to Develop of simulation model using VISSIM and understand the impact of increased ALBA truck movement in the base year. Traffic projections were carried out for horizon year (2040) to Estimate increased trips due to future developments in the vicinity of the ALBA Calciner & Smelter Plants. simulation model was developed using VISSIM to understand the impact of future developments on the movement of ALBA trucks in the horizon year (2040).
10	<p><b>Consultancy Services for Preparation of Feasibility Study Report for introducing a Mass Rapid Transit System in Madurai City</b>  <b>Client: Chennai Metro Rail Limited</b>  <b>Location: Tamil Nadu</b></p>	Feb-2022 to Feb-2023	Study is to establish the feasibility of the Mass Transit Corridor as defined by the comprehensive Mobility Plan, by updating the planning information and traffic information and conducting an alternatives analysis to establish the most suitable and feasible option.
11	<p><b>Traffic Review for Ozone Chambers</b>  <b>Client:</b>  <b>Location: Bangalore, Karnataka</b></p>	Sep-2021 to Oct-2021	Traffic Consultancy Services for Ozone Chambers which is an upcoming Workspace consisting of 2 Chambers.



## List of Completed and Ongoing Projects

12	<b>Traffic Study at Prestige Techpark in Bangalore</b> <b>Client: Prestige Estates Projects Limited</b> <b>Location: Bangalore, Karnataka</b>	Mar-22 To Till Date	Analysis of existing traffic Circulation for Mixed mixed-use development in Prestige Tech Park, Ring Road, Bangalore, to identify the sufficiency of the existing roadway facility to accommodate the new traffic demand generated from the new developments within the park. A revised, detailed Traffic Management Plan was developed based on the analysis to cater to the new traffic demands, incorporating the projected increase in pedestrian movement with the introduction of the new metro line on the outer ring road.
13	<b>Traffic Analysis study for Existing &amp; Proposed Morgan Stanley premises in Bangalore</b> <b>Client: Morgan Stanley Advantage Services Pvt Ltd</b> <b>Location: Bangalore, Karnataka</b>	Mar-22 To Apr 2023	Study on 3 micro markets, Primary & secondary survey, Network inventory study, Pedestrian analysis, external traffic circulation within the campus, microscopic simulation model, Proposed recommendation and mitigations
14	<b>Preparation of Detailed Project Report (DPR) for Metro Rail Corridor of Length 37 km connecting Sarjapura to Hebbala through Agara, Koramangala and Dairy Circle for Bangalore Metro Rail Project -Phase 3</b> <b>Client: Rina Consulting SpA'</b> <b>Location: Bangalore, Karnataka</b>	Sep-2022 to Till Date	Travel demand model (from CMP) using base year data, with available future year networks and land use data, and model documentation. Preparation and finalization of the Traffic Analysis and Ridership report for Phase 3A Metro DPR.
15	<b>Construction Traffic Management Plan for Manyata Embassy Business Park during ORR Metro Phase 2B Line</b> <b>Client: EMBASSY Group</b> <b>Location: Bangalore, Karnataka</b>	Oct-2023 to Till Date	Construction traffic management plan (CTMP) assessed & proposed to enable hassle-free traffic to and from the Manyata Embassy business park during the metro construction phase.  A simulation model showing the traffic flows & issues during barricading, traffic diversions, etc., was prepared  for analysis & stakeholders' decision-making.
16	<b>Traffic Impact Study &amp; Masterplan Development for 360° Labzone Business Park at Electronics City, Phase-1.</b> <b>Client: CPDS Group</b> <b>Location: Bangalore, Karnataka</b>	Feb-2024 to Till Date	Simulation model development & assessment to arrive at the most appropriate external access plan, taking cognisance of bottlenecks leading to the master plan. Proposals to mitigate the same & improve accessibility were assessed & proposed. Inputs leading to the development of the masterplan road network, intersections based on the forecasted traffic, were undertaken.



## List of Completed and Ongoing Projects

			Other deliverables include parking design, a comprehensive signage plan for the master plan & Submission of the traffic impact study report.
17	<p><b>Traffic Management Consultant for BPO2 Commercial Development at Bengaluru Airport City-BACL.</b></p> <p><b>Client: COLLIERS</b> <b>Location: Bangalore, Karnataka</b></p>	Jan-2024 to Till Date	<p>Traffic forecasts to arrive at the estimated traffic demand at the commercial development. Inputs to masterplan development of 4 Buildings at BPO2 land parcel.</p> <p>Conceptual traffic circulation plan for various user groups. Integration of the masterplan with the upcoming Airport City Metro Terminal.</p> <p>Other tasks include basement parking design, signage plan, etc.</p>
18	<p><b>Traffic and Parking Design Services for proposed BAHL - Combo Hotel at Airport City, Bengaluru International Airport Limited.</b></p> <p><b>Client: Thomas Associates.</b> <b>Location: Bangalore, Karnataka</b></p>	Jan-2024 to Till Date	<p>Primary tasks include traffic forecasts commiserating with the nature of development (Hospitality Industry/Hotels), level of service analysis due to the anticipated traffic on external &amp; internal roads.</p> <p>Based on the same, masterplan elements like access gates, driveways, lobby zones, rotaries, etc. were designed. geometric review of ramps, parking spaces, vehicular movement using swept path analysis etc., was undertaken.</p> <p>Submittals include the traffic study report, traffic signage plan &amp; BoQ for the same.</p>
19	<p><b>Traffic &amp; Parking Consultancy Services for Brigade Cosmopolis.</b></p> <p><b>Client: Brigade Cosmopolis Apartment Owners Association</b> <b>Location: Whitefield, Bangalore</b></p>	July 2024 to Marc	A study undertaken to improve the traffic access to the Brigade Cosmopolis precincts, address issues with internal circulation, basement circulation plan, parking layout design, comprehensive traffic signage & traffic calming measures for the campus.
20	<p><b>Transport Planning including Traffic Engineering outside &amp; inside the project for upcoming commercial development (Shell &amp; Core) in Kannur, Bengaluru.</b></p> <p><b>Client: DYUTI Infrastructure Pvt Ltd/Colliers.</b> <b>Location: Kannuru, Bangalore.</b></p>	Sep 2024 to till date	Transport planning for the project site, infrastructure required for external access with techno-commercial analysis, Traffic engineering design for the masterplan development, parking



## List of Completed and Ongoing Projects

21	<b>Traffic Consultancy Services for Project Rainbow Uno, Residential apartments at Vasanthapura, Bengaluru.</b> <b>Client: RAINVAS INFRAA</b> <b>Location: Kanakapura Road, Bangalore</b>	Oct 2024 to till date	Traffic forecasts, external impact, accessibility planning to the site, review of internal traffic circulation, geometric design review of surface & basement parking, signage plan etc.
22	<b>Independent Review Report for proposed campus sites for Morgan-Stanley in Bengaluru.</b> <b>Client: Morgan Stanley India</b> <b>Location: Bangalore</b>	Dec 2024 - till date.	Independent review of the traffic analysis conducted by the developer, identify key shortcomings wrt traffic intent, recommendations of mitigation measures, etc.
23	<b>Planning &amp; Design of Multi Modal Integration of 23 Stations for Mumbai Metro Line 3</b> <b>Client: MMRC Mumbai</b> <b>Location: Mumbai</b>	April 2024– March 2025	Identification of Multimodal Integration options for 23 stations of Mumbai Metro line 3
24	<b>TRANSPORTATION STUDY &amp; TRAFFIC CONCEPT DESIGN</b> <b>BAGMANE AEROWEST, DWARKA, NEW DELHI</b> <b>Client: Bagmane, Bangalore</b> <b>Location: Dwaraka, New Delhi</b>	July 2024 - till date	The traffic study will assess prevailing traffic loads on major roads near the project site. Traffic forecasts will be conducted in phases, covering both interim and fully developed scenarios. Circulation plans will be designed for new buildings, accommodating private vehicles, taxis, and pedestrians. A review of existing transport facilities, including UER-II Highway, Dwarka Sector-21 Metro Terminal, Dwarka ISBT, and proposed infrastructure like the Bijwasan World-Class Railway Terminal, will be undertaken. Intermodal integration with upcoming metro lines, suburban railways, and government transport projects like the Peripheral Ring Road will be evaluated. Additionally, concept designs for flyovers, bridges, foot over bridges (FOBs), underpasses, and public roads will be developed to enhance access to the proposed campus.
25	<b>Transportation Planning &amp; Traffic Design consultancy services for Aratt One World Masterplan Development at Electronics City.</b> <b>Client: ARATT One World Pvt Ltd</b> <b>Location: Hosur Road, Bangalore</b>	Jan 2025 - till date.	Traffic analysis for the prevailing & forecasted traffic, micro-simulation model development for traffic circulation review, access planning for the new buildings across various modes, parking design review, interface of the proposed masterplan with the Yellow Line Metro, proposed PRR, etc.



## List of Completed and Ongoing Projects

26	<p><b>Traffic Consultancy Services for ETV MoEF study- Bangalore.</b></p> <p><b>Client: Vikas Telecom</b> <b>Location: ETV, ORR Bangalore</b></p>	Feb 2025 - till date.	<p>Traffic generation study from existing &amp; proposed buildings at ETV campus, traffic surveys &amp; analysis on ORR &amp; other access roads leading to the ETV campus, analysis of level of services for the horizon year, review of traffic circulation, preparation of drawings/reports as required for the MoEF clearance.</p>
27	<p><b>Traffic Consultancy Services for RITZ CARLTON 5-Star Hotel in Chennai</b></p> <p><b>Client: SUN NETWORK,</b> <b>Location: Chennai</b></p>	May 2025 - till date.	<p>Review of traffic generated by the proposed development, prepared by the architects. Traffic circulation plans from &amp; to the development, internal traffic movements for various classes of vehicles. Review of geometrics &amp; circulation for the property. Parking (including basements) layout design modifications, including vehicle driveways, Ramp locations/ geometric adequacy, and basement circulation. Geometric checks through swept path analysis.</p>
28	<p><b>Engagement of Architectural/Traffic Consultancy Services for the preparation of a Detailed Feasibility Report (DFR) for the development of old Bus Stands at:</b></p> <p>(1) Tiruvannamalai City Municipal Corporation (2) Hosur City Municipal Corporation.</p> <p><b>Client: CUSHMAN &amp; WAKEFIELD</b> <b>Location: Chennai</b></p>	June 2025 - till date.	<p>Collect secondary data from the Bus company. Establish the present &amp; future (forecasted) traffic demand for the bus terminal in consultation with the bus company. Conduct traffic surveys to establish the prevailing traffic demand at the present Bus Stations &amp; adjoining approach roads. Assist in the preparation of concept plans to accommodate the future traffic demand. Evaluate &amp; select the most appropriate concept plan. Detail the selected concept plan to include all necessary traffic elements in the BoQ.</p>
29	<p><b>Traffic Consultancy Services for the Formist Mandala Residential Development at Hebbal, Bengaluru.</b></p> <p><b>Client: Formist Realty Pvt Ltd</b> <b>Location: Bengaluru</b></p>	June 2025 - till date	<p>Estimation of the forecasted traffic demand for the residential Development. Assess the impact of generated traffic on internal roads. Assist in the preparation of concept plans to accommodate the future traffic demand. Circulation planning for various user groups. Parking Review for demand, adequacy, etc. Geometric review of parking design. Preparation of the traffic signage plan. Preparation of BoQ</p>
30	<p><b>Transport Consultancy Services to prepare a Detailed Feasibility Report (DFR) for the Chennai-Chengalpattu-Tindivanam-Villupuram Regional Rapid Transit System (RRTS) Corridor.</b></p> <p><b>Client: BARSYL</b> <b>Location: Tamil Nadu</b></p>	July 2025 - till date	<p>The study aims to identify and recommend a suitable Rapid Regional Transit System (RRTS) corridor between Chennai and Villupuram by evaluating ridership potential, alternative system options, and corridor feasibility. The study is designed to provide a holistic framework for planning and decision-making, ensuring</p>



## List of Completed and Ongoing Projects

			that the selected transit solution is both sustainable and beneficial to the region.
31	<p><b>Transport Consultancy Services to prepare a Detailed Feasibility Report (DFR) for the Coimbatore-Tiruppur-Erode-Salem Regional Rapid Transit System (RRTS) Corridor”</b></p> <p><b>Client:</b> BARSYL <b>Location:</b> Tamil Nadu</p>	July 2025 - till date	<p>The study aims to identify and recommend a suitable Rapid Regional Transit System (RRTS) corridor between Coimbatore and Salem by evaluating ridership potential, alternative system options, and corridor feasibility. The study is designed to provide a holistic framework for planning and decision-making, ensuring that the selected transit solution is both sustainable and beneficial to the region.</p>
32	<p><b>Transport Consultancy Services to prepare a Detailed Feasibility Report (DFR) for the Chennai-Kanchipuram-Vellore Regional Rapid Transit System (RRTS) Corridor</b></p> <p><b>Client:</b> BARSYL <b>Location:</b> Tamil Nadu</p>	July 2025 - till date	<p>The study aims to identify and recommend a suitable Rapid Regional Transit System (RRTS) corridor between Chennai and Vellore by evaluating ridership potential, alternative system options, and corridor feasibility. The study is designed to provide a holistic framework for planning and decision-making, ensuring that the selected transit solution is both sustainable and beneficial to the region.</p>