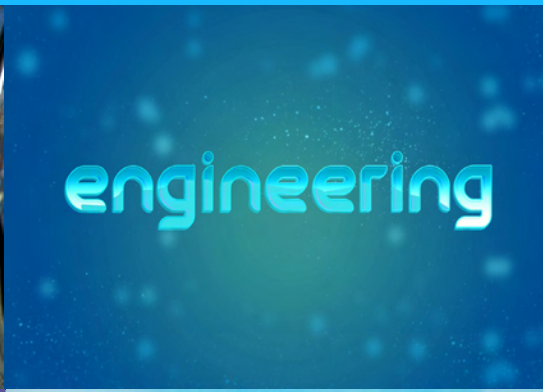


Traffic & Transportation



COMPANY PROFILE



About Sincrono Solutions

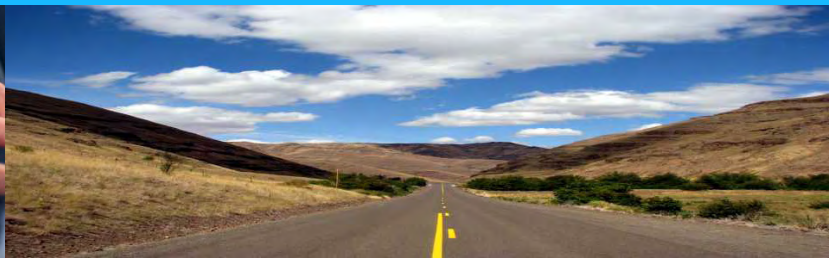
Sincrono Solutions-T&T is a professional infrastructure services firm with proven expertise in Civil, Traffic and Transportation Engineering. We are a member of Sincrono Group which also encompasses Constructions and providing services for Information Technology & Pharmaceutical Solutions. All divisions of Sincrono Solutions are geared with the experience and expertise and serves as a base for one stop organization to provide all types of professional technical solutions.

Traffic & Transportation department founded by two alumni of The University of Alabama (USA) has an organized and efficient team involving highly qualified & skilled professionals with backgrounds in Traffic & Transportation Engineering, Highway Design & Structural Engineering. A diverse experience (local & international) brings a different dimension to providing Civil Engineering solutions. A dedication to technically challenging and practical solutions is central to our client service approach. Clients value our ability to understand and satisfy the needs of all project participants including government authorities, project proponent & the community.

Our smart approach to delivering projects accomplished through a hardworking, punctual, detail oriented, results driven & friendly-cum-professional team. Our team is committed to delivering tangible outcomes which add value to infrastructure and urban/rural development projects throughout India and abroad. We believe in building professional relations by providing excellent client services which would eventually help our goal to expand in private & government sectors of domestic and international market.

In everything we do, we work with Creativity-Efficiency-Professionalism all in sync to ensure our clients obtain the optimal outcome possible.





[Why Sincrono Solutions ?](#)

We are a firm with a specialized focus on Traffic Engineering, Transportation Planning, Operations and Design. Our smart approach to delivering projects accomplished through a hardworking, punctual, detail oriented, results driven & friendly-cum-professional team.

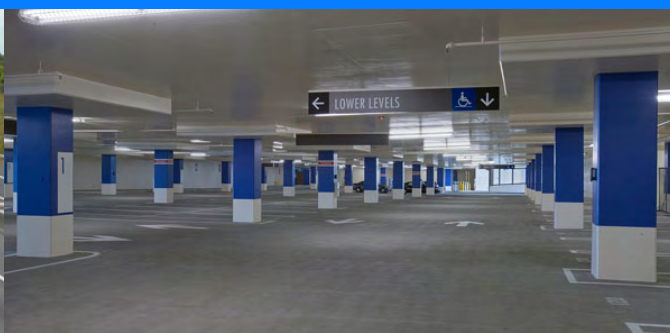
Our personal approach to every client benefits the interests of both project proponent and our staff. We are easily accessible and prompt to reply to emails, phone calls and general enquiries during life of project. Our clients work directly with senior personals thus ensuring reliable technical assistance throughout the project execution. Our staff recognizes importance of continuous, strategic leadership during all stages of development.

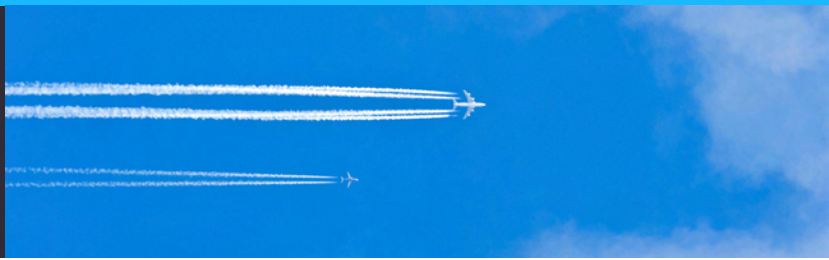
Our commitment to quality deliverables provides the right platform for successful completion of the project. Our techniques and solutions are always innovative and adoptive to the ever changing future demand.

As a specialist Traffic & Transportation consultant, we possess the depth of experience unrivalled by other consultancies. As a smart firm, we ensure our knowledge and experience along with competitive rates, cost effective solutions and timely completions always benefits to project profit. Currently we are providing services for following Traffic & Transportation sectors:

- § Traffic & Transportation Planning
- § Traffic Studies & Analysis
- § Traffic Operations & Design
- § Transportation Master Plans
- § Roadway Design
- § Parking

Unlike some of the consultancy firms – all of our clients are a priority – irrespective of size. Your project is just as important to us, as it is to you.





Our Capabilities

Traffic Impact Study

Our team balances a sound knowledge of traditional Traffic Impact Study techniques with the ability to create innovative and safe build-able traffic solutions keeping in mind the client and architectural vision.

New development sites can impact the surrounding roadway system by adding to existing traffic volumes or altering traffic patterns. In addition to designing appropriate access for proposed developments, developers should strive to maintain a satisfactory level of transportation service & safety for all roadway users. Traffic Impact Studies gather and analyze information that will help determine the need for any improvements to interior, adjacent & nearby road systems.

We offer a range of TIA services including fulfilling the requirements for **MoEF** and **HRC** building proposal clearances in India. In brief it encompasses the essential activities required in environmental clearance of a project: Existing Traffic Survey, 4-Stage Transportation Model, Swept Path Analysis & Retrieval Analysis for Parking Structure. We also provide services for detailed planning and design of internal roadway network and driveways to improve traffic circulation within the project. Our projects range from a standalone high rise tower to a large township, commercial, IT complex and industrial projects. Our involvement as a transportation planner in any project ultimately benefits the end user in terms of improving the livability.

Key Projects:

116 Acre Special Township in Sindhudurga, MS

Appeal Group



- Video Traffic Survey
- Traffic Impact Study for EC
- Internal Road Network Planning
- Preliminary Road Design
- Swept Path Analysis
- Internal Circulation Improvement
- Traffic Management Plan

4.6 Acre Slum Rehabilitation Project in Chembur, Mumbai

HexCorp



- Traffic Survey
- Traffic Impact Study for EC
- Swept Path Analysis for Parking
- Retrieval Analysis for Parking
- Traffic Management Plan

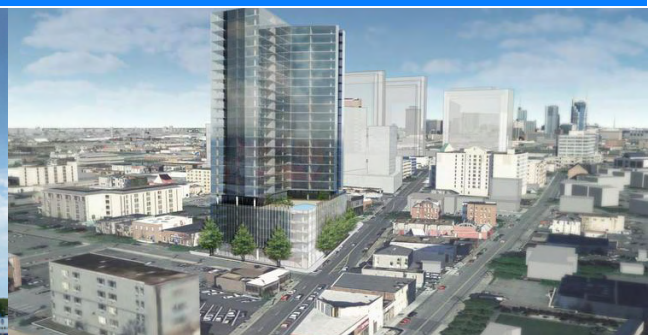
TIA for Crude Oil Terminal Facility Expansion, Texas, USA

GDL Engineering



- Provided overseas traffic services for a client in Texas, USA from India for preparing a complete TIA report.
- Traffic Impact Study
- Turn Lane Warrant Analysis

TIA is our specialty with proven track record of projects across USA and India





Parking Study

Parking planning is an integral part of any residential or commercial project. The average construction cost of on-ground & underground parking spaces are directly related to design efficiency, construction methods, labor costs and geographical area. Participation of a traffic or parking consultant on the project team will significantly reduce construction/ongoing maintenance costs, improve user comfort, safety, and insure that individual design components and features are in keeping with the overall design intent. Given today's average construction cost of one parking space, developers and architects can realize significant cost savings by seeking the guidance of our skilled parking design experts. This cost saving is realized even more when Sincrono's team is involved early in the conceptual design plans to develop efficient site utilization and master planning.

An acre of parking layout can accommodate anywhere from 135-160 vehicles, depending on layout, parking codes, access gates and landscaping. Our parking experts can maximize land-use with parking optimization along with enhancing vehicular and pedestrian site circulation and way-finding.

We have successful track record of teaming up with architects for project design with challenging parking components.

We are specialized in providing **Swept Path Analysis** and **Retrieval Analysis** of parking which are required for MoEF and HRC building proposal clearance in India.

Key Projects:

Palace Orchids - A Residential Complex, Kolhapur, MS *Siddhant Infrastructure*



- Traffic Survey for existing roads
- Parking Demand Analysis
- Swept Path Analysis
- Conflict Analysis
- Circulation Improvement
- Parking Optimization with car park increase from 56 to 74

K-Prime Commercial Project, Thane, MS *Kalpataru Ltd.*



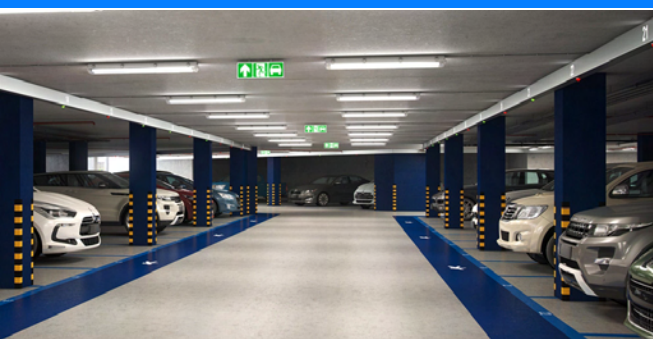
- Site Survey for traffic activities
- Traffic Expert Advisory
- Queuing Analysis for Peak Hour Traffic projection
- Retrieval Analysis for Parking
- Traffic Management Recommendations for Entry & Exit gates

Viraj City - Residential & Commercial Project, Kagal, MS *BPG*



- Traffic Expert Advisory
- Circulation Improvement
- Way-finding Suggestions
- Parking Optimization with car park increase from 227 to 253
- Alternate Parking Arrangement for Master Plan

Our expert team can maximize land-use through site-specific application of parking design principles



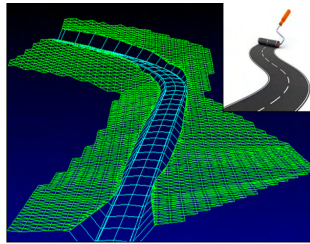


Traffic Management & Planning:



Traffic management consultancy services for large/small projects. Traffic management planning & design emphasize on safe & efficient vehicular & pedestrian movements within your development. Our expert team will assist to design your master plan with focus on traffic calming, safety, road alignments, maneuvering, etc.

Road and Highway Design:



Our comprehensive road & highway design services ranging from initial concept development through detailed design covers all types of roads & highways from local access roads to major urban and rural strategic routes. We assist our clients by finding cost effective methods to improve safety & extend roadway life.

Traffic Surveys (Manual / Video):



We provide services for traffic data collection on local streets to National Highways across Maharashtra State. Provides existing traffic data analysis in form of traffic pattern throughout a day, peak hours traffic, Average Daily Traffic (ADT), etc. Accurate and reliable data to use in traffic/feasibility studies.

Pre-bid Engineering Services



We provide complete pre-bid engineering services for highway & bridge projects. Our services include but not limited to Data collection, Conceptual design, Review Basic Drawings, BOQ, Provide suggestions and evaluate alternative methods, if any. We also assist in preparing feasibility reports for infrastructure projects.

Signing & Pavement Marking Plan:



We provide complete guidance for installation of signs & road markings for smooth & efficient traffic movement within your community. Our expert team also provides SPM plans for all types of streets, roads, highways, freeways in accordance with provincial govt standards or IRC (for India) or MUTCD guidelines (for USA/AUS).

Signal Warrant Analysis & Design:

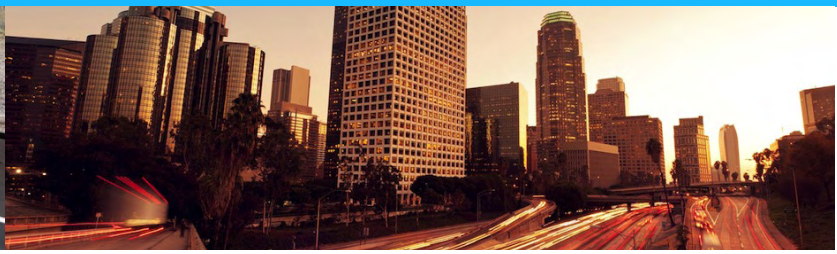
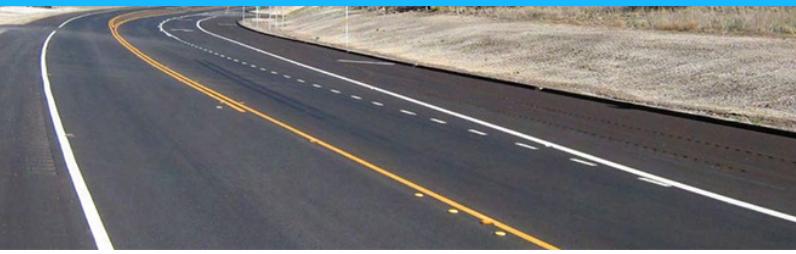


Our expert team provides a range of traffic signal warrant analysis, planning & design services to govt. Agencies & private developers. Our design services are in accordance with provincial govt/DOT/county/city standards & MUTCD guidelines. We provide complete signal design & drafting services for our overseas clients.

Other services included but not limited to providing Traffic Safety Analysis/Audits, Road Network Optimization, Parking Demand Analysis, Operation Modeling, Pedestrian Mobility and Safety Planning, Intersection Design, Temporary Traffic Control Plans for Work Zones, etc.

We provide design & drafting services for TTC Plans, Signal Design, SPM Plans and Traffic Studies for clients in USA & AUS.





Key Personnel



Apurva R. Andurlekar

DCE, BE Civil (India)
ME Const. Mgmt. (India)
MSc Transportation Engg (USA), Advanced/ Traffic Control Design Specialist (VA, USA)

Apurva has 13+ years of experience in Transportation Planning, Traffic Design-Operations & Construction field for both private and public sector projects in INDIA & USA. He heads the Traffic & Transportation division of Sincrono Solutions. His Key Expertise are Traffic Studies for land developments in India & USA, Feasibility Studies, Transportation Master Plans, Simulation Modeling, Traffic Operations & Design, Parking Analysis. Apurva has a strong track record of successfully managing and completing major traffic studies for many residential and commercial projects in Virginia & Maryland states of USA.



Malhar Mane

BE Civil (India)
MSc Transportation Engg (USA)

Malhar has 10+ years of experience in covering Transportation Engineering, Civil Engineering & Information Technology for both private and public sector projects. He is one of the Managing Partner of the Sincrono Solutions. His Key Expertise are Traffic Impact Studies for land developments in India & USA, Feasibility Studies, Traffic Management Plans, Simulation Modeling, Parking Studies, Technical Reports, Transportation Business Development. He has a strong track record of successfully managing and completing major traffic and parking studies for many residential and commercial projects in major cities across USA & India



Aniruddha Shidhore

BE Civil (India),
MSc Transportation Engg, (USA),
MBA (Univ. of Mass, USA)

Aniruddha is a Licensed Professional Engineer (Connecticut, USA) with more than 10+ years' of experience in detailed design of roads and highways projects in USA & INDIA. He is affiliated with Sincrono Solutions' Traffic & Transportation Engineering division as an Associate - Highway Design. His key expertise are Highway Design, Roadway Planning & Design, Survey, Soil Testing, Geo-technical Investigation.



M. N. Sawant

BTech Civil (IIT Bombay, India)
Fellow – Institute of Engineers Chartered Engineer

Mr. Sawant is a Structural Engineer with more than 35+ years' of experience in detailed structural design of buildings, industrial sheds, ROB, flyovers, and bridges. He is affiliated with Sincrono Solutions' Traffic & Transportation Engineering division as an Associate – Structural Design. He masters in design, checking and ensuring safety and stability of enabling works such as formwork & scaffolding arrangements. His experience extends into Feasibility studies, Planning, Preparation of Detailed Project Report, Detailed designs, BOQ & Tender documents and Overall Coordination of various assignments of Highway & Bridge projects

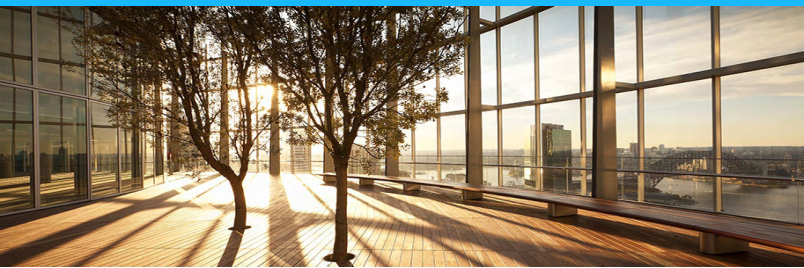


Rajesh Kolte

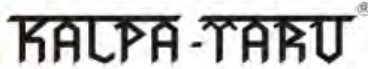
BE Civil (India)
ME Structural Engg. (India)

Rajesh is a Structural Engineer with more than 14+ years' of experience in detailed structural design of buildings, industrial sheds, flyovers, bridges, feasibility studies. He is affiliated with Sincrono Solutions' Traffic & Transportation Engineering division as an Associate – Structural Design. His expertise are Detailed Design of Flyovers, Detailed Design of Bridges, Detailed Design of RCC for residential and commercial buildings, Feasibility Studies, Technical Report Writing. He has a proven track record of successfully managing and completing the major structural design related studies.





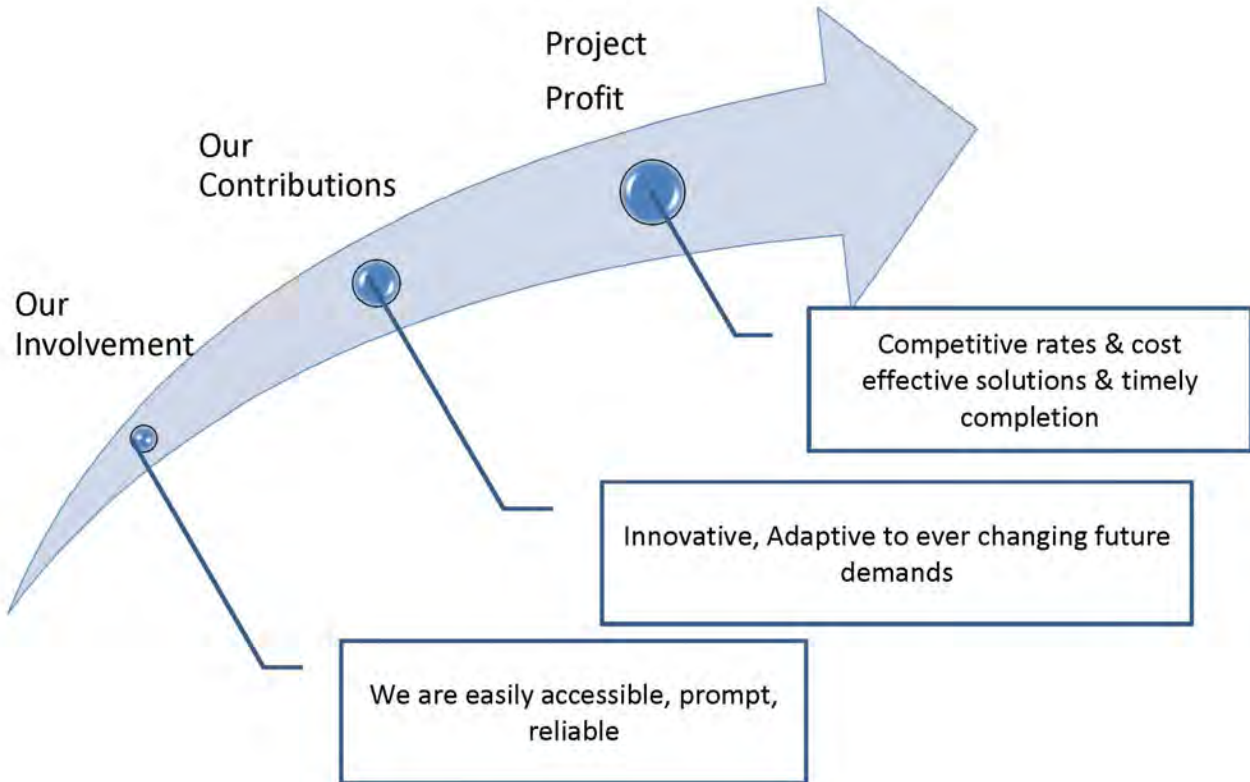
Project Footprints & Clients



“Vision That Drives Our Community”



We are committed to.....



Contact Us

WEBSITE: www.sincrono.co.in

