



Ceinsys Transportation Solutions

Transportation Engineering: Emerging Technology & Solution's

Transportation plays a major role in the development of the human civilization. For instance, one could easily observe the strong correlation between the evolution of human settlement and the proximity of transport facilities. Also, there is a strong correlation between the quality of transport facilities and standard of living, because of which society places a great expectation from transportation facilities. In other words, the solution to transportation problems must be analytically based, economically sound, socially credible, environmentally sensitive, practically acceptable and sustainable.

Offerings

- Feasibility study and DPR
- Data Acquisitions & Preliminary Survey
- Detailed Design Engineering
- Proof consultancy services
- Project Management
- Highway Safety Audits and Safety Solutions
- Road Asset Management (RAMS)
- RIS & Software Solutions like
 - Autodesk
 - ESRI
 - Intergraph
 - Ansys
 - Bentley

Data Acquisition Solutions

Data helps to generate ideas that drive action. Acquiring data and compiling data is a complex task. We offer some of the best Data Acquisition services that include conventional surveys, BIM-GIS Integration and urban/rural mapping.

- Conventional Survey using ETS and DGPS, LiDAR/ UAV/ GPR, Photogrammetry, Satellite Imagery

Preliminary Surveys

Traffic Survey's using advanced technology, Axle load Survey, geotechnical investigation, Construction Material & investigation.

These Are Some Of Our Key Capabilities In Transportation Sectors

- Transportation Studies & Design Engineering
- Route Alignment & Geometric Design & Solutions
- Pavement Engineering
- Traffic Engineering and Structures Design

Detailed Engineering

- Project Identification
- Prioritization Studies
- Pre-Bid Assistance
- Pre-Feasibility Studies
- Feasibility Studies
- Survey & Site development
- Land Acquisition
- Preliminary Engineering
- Proof Checking & Value Egg.
- Construction Supervision
- Project Management
- Condition Surveys during O&M



Competent Commitment

Ceinsys has immense experience in collection of data from field, Digitization of field data with the high accuracy and up to the client satisfaction. For Pre-Design surveys and investigation, Ceinsys has competent persons on-board and with healthy relationship with the Associates we always ensure – Quality Delivery.

Breakdown Of Personnel And Experts

Ceinsys has established a firm understanding and working Relationship with senior planner and engineers in various disciplines who will be pleased to work for Ceinsys as the Opportunity arises. Ceinsys has resources to provide following personnel either from permanent resources or through long term associates available for the company In India:

- Highway Design Engineers
- Structural Design Engineers
- Tunnel Design Engineer
- Tunnel Engineer
- Road Safety Expert
- Tunnel Safety Expert
- Pavement Design Engineers
- Traffic and Transportation Engineers
- Project Management Experts
- Construction Supervision Staff
- Financial and Legal Analysts
- Geotechnical Engineers
- Hydrologist
- Economist
- Quantity Surveyors
- Water Supply Drainage Engineers
- Environment Public Health Engineers
- Resettlement and Rehabilitation Specialist



Technology

Teams at Ceinsys employ state-of-the-art technology every day. What makes this a success though is our ability to combine technology with our skills and knowledge to give clients effective solutions. We employ a suit of state of the art software for analysis, Designs, Collaboration, knowledge management, project management and document management. knowledge management, project management and document management.



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