

1. **Name:** **Ami Chand Srivastava**
2. **Date of Birth:** 30/06/1965
3. **Gender** Male
4. **Nationality** India
5. **Education:**
  1. M.Sc. (Transport Engineering & Operations, Univ. of Newcastle Upon Tyne, UK) 1990-91
  2. M.Sc. (Math-Operations Research, Univ of Avdah, India) 1987-89
  3. Diploma in Environmental Science C(Univ. of Avadh, India) 19886-87
6. **Mailing Address** B-1101, Neel Padam Kunj  
Opp. Dabur, Vaishali, Ghaziabad-201010  
India
7. **Contact No** +91-9891786100 (Mobile)  
+91-120-4118647 (Res)  
ami.srivastava2(Skype Profile)
8. **E-mail** ami.srivastavaa@gmail.com
9. **Marital Status** Married with One Child
10. **Membership in Professional Associations:** Member Institute of Urban Transport (India)
11. **Other Training:**
  - (i) Training on Transport Demand Modelling From Caliper Corpn, Boston, USA
  - (ii) Training on Contract Management conducted by Asian Development Bank, New Delhi
  - (iii) Training on 'HDM-4 Ver 2.4' from Transport Research Laboratory (TRL), UK
  - (iv) Training on 'Techno-Economic Evaluation of Highway Projects' from Central Road Research Institute (CRRRI), New Delhi
12. **Countries of Work Experience:** India, Kuwait
13. **Language:**

Language	Speaking	Reading	Writing
English	Good	Good	Good
Hindi	Good	Good	Good

#### 14. Key Qualifications:

Has over 22 years of experience in execution and management of projects in traffic engineering and transport planning, development of traffic management schemes, traffic safety, geometric designs for intersection and interchanges, development of traffic and transportation strategies and policies in urban areas including economic evaluation of projects, travel demand modeling,

development of traffic and transportation strategies and policies and Intelligent Transport System (ITS).

Preparation of tender documents, selection of Contractor/Consultants and monitoring & evaluation of projects.

## **15. Employment Record**

**From:** Sept. 2013 to Till Date, UNDP, Kuwait

**Positions:** Technical Consultant

Technical Evaluation of Bids, Provide Technical Assistance to UNDP in project roll out and Address various future need and negotiate with successful vendor and provide technical assistance to UNDP

### **Oct. 2007-Sept 2013 Delhi Integrated Multi-Modal Transit System Ltd (DIMTS) Ltd**

**Position: Deputy General Manager/Principal (Transport Planning)**

October 2007-Sept. 2013 Delhi Integrated Multi-Modal Transit System Ltd (DIMTS Ltd)- a joint venture firm of Govt. of National Capital Territory of Delhi (NCTD) and Infrastructure Development Finance Company (IDFC).

**May 2013-Sept. 2103**

**Position: Traffic Expert**

**Preparation of Traffic & Transportation Study (CMP) for Thoothukudi Planning Area (Sponsored by /The World Bank)**

To provide a long term goals for desirable urban development in the study area and illustrate a basic plan for urban development and include a list of proposed urban land-use and transport measures to implemented within a time span of 20 years. Also, identify feasible short term, medium term and long term traffic management measures and transport infrastructure needs to facilitate safe and efficient movement of people for the present and future years.

**March 2013-June 2013**

**Position: Traffic Expert**

**Preparation of feasibility study-cum-Master Plan for Anand Vihar Railway Station (Sponsored by Ministry of Railways, Govt. of India)**

Traffic Study and development of integrated traffic plans and with within 1km periphery of the station. Segregation of arrival/departure passenger movement and circulation at the station and preparation of integrated development plan for the railway station

**May 2012-Sept 2013**

**Position: Team Leader**

**Project Monitoring and Evaluation of Naya Raipur BRT Corridors and Operations (Sponsored by The World Bank)**

Under the GEF India Sustainable Urban Transport Program being implemented by the Ministry of Urban Development, Government of India, Naya Raipur Development Authority (NRDA), has availed funds to provide urban transport infrastructure and services between Raipur and Naya Raipur and within Naya Raipur. These investments are expected to promote environmentally sustainable transport and reduce greenhouse gas emissions in the city. The project consists of

implementing multiple components focused on sustainability. The core components of the NRDA implementation are:

- (i) Development of BRT corridors within Naya Raipur,
- (ii) Development of cycle track and pedestrian walkways,
- (iii) Development of Bus Depot, Bus Shelters, including Transfer stations and pick up Bus shelters for integration between Raipur and Naya Raipur public transportation

**Feb 2008-Sept 2013**

**Position: Project Manager**

**Installation of Intelligent Signaling System of 15.4 km BRT Corridor in Delhi  
(Sponsored by Govt. of National Capital Territory of Delhi)**

This project involves the preparation of Tender document, selection of contractor and supervision of execution of Intelligent Signaling System (ISS) on the BRT corridor with 22 junctions and installation of ANPR cameras, VMS systems and installation of COMET system and overall responsibility for the project management and monitoring. As Project Manager, overall responsible for project implementation and

- Improvement of existing BRT Corridor in Delhi.
- Provision of ITS on BRT corridor-preparation of Tender document, monitoring and supervising the implementation work
- Assessment and Planning of ongoing Bus and rail Projects
- Evaluation of New corridors/projects
- Updating of planning parameters for ongoing projects for future implementation
- Review and monitoring of progress of various Consultancy work
- Preparation of Tender Documents
- Selection of Contractor and Vendors
- Liaison with inter-governmental departments on progress of projects
- Pre-Tendering assistance to private concessionaires in Highways Sector
- Monitoring and evaluation of the project

**November 2008-Feb 2009**

**Position: Principal Transport Planner**

**Remodeling of 4 Ring Railway Stations in Delhi  
(Sponsored by Govt. of National Capital Territory of Delhi)**

Efforts are being to decongest New Delhi railway station by shifting the long distance and suburban trains to 4 identified railway stations. The task includes the assessment of passenger load from shifting of trains and prepares a plan for efficient and smooth dispersal of passengers, integrated multi-modal facilities and city wide connectivity at all four railway stations

**February 2008-Dec. 2008**

**Position: Principal Traffic & Transport Planner**

**Remodeling and Installation of Intelligent Signaling System of 15.4 km BRT Corridor in Delhi  
(Sponsored by Govt. of National Capital Territory of Delhi)**

The objective of the exercise is to develop an integrated appraisal interface to investigate the for smooth operation of the existing BRT corridor in Delhi. The tasks include signal optimization and

remodeling of junctions, providing the safe provision for pedestrian and cyclist while providing Bus priority. The work includes. The study focuses on provision of ITS intelligent traffic Signals. In addition, preparation of Tender document for inviting contractors for installation, operation and maintenance of Intelligent Signaling System on the corridor.

march 2008-Dec. 2008

Position: Principal Traffic & Transport Planner

**Preparation of Bid Document and Selection of Consultants for Detailed Design of 2 BRTS Corridor in Delhi  
(Sponsored by Govt. of National Capital Territory of Delhi)**

Responsible for evaluating the feasibility study report for two BRTS corridors in Delhi and preparation of tender documents and selection of Consultant for the BRTS corridors.

October 2007- January 2008

Position: Principal Transport Planner

**Route Rationalization and Clustering for Public Transport Buses in Delhi**

Prepared the route rationalization for 657 bus routes and covering over 10,000 number of buses in Delhi. The 657 number of routes were clubbed into 17 clusters for bidding out nearly 4500 buses to private operators.

**July 2005- 12 October 2007: SMEC India Pvt. Ltd**

**Position : Senior Transport Planner**

As Senior Transportation Planner, responsibilities include the preparation of technical proposals/reports, overall responsibility of supervision, monitoring and financial evolution of projects. Responsibilities also include business development in sector of Highways and Transportation of the organization.

**July. 07- October 2007**

**Re-Modeling of New Delhi Railway Station**

**Position: Team Leader**

**(Sponsored by Ministry of Railways, Govt. of India)**

The project was in association with Terry Farrell & Partners, Aup of Hong Kong and Knight Frank India. Responsibilities includes as coordinator and team leader of Transportation team from SMEC, to prepare the traffic management schemes for the next 50 years for New Delhi Railway Station and proposed commercial development of 1.3 million sq.ft in Railway Station.

**Dec. 06- July 2007**

**Preparation Detailed Design for Bus Rapid Transit System (BRTS) in Delhi-2 Packages  
(Sponsored by Deptt. of Transport, National Capital Territory of Delhi)**

Team Leader cum Transport Planner over all responsibility for the successful completion of project includes, preparation and review of reports and technical supervision and carry out, economic evaluation and financial viability of the both corridors..

**Nov. 2006- Jan 2007**

**Road Maintenance & Management System Study for State roads of Himanchal Pradesh  
(Sponsored by PWD Himanchal Pradesh/The World Bank)**

As transport economist, prepared the investment plan for fund procurement for routine and periodic maintenance plan for 4,500 km of state roads.

**Sept. 2006- May 2007**

**Preparation of Detailed Project Report for State Highways (900 km Length) (Sponsored by Asian Development Bank):**

Key member as Transport Economist to carry out the detailed economic analysis of 11 numbers of prioritized roads covering around 900km length and prioritize the construction/improvement strategies of road s.

**June 2006- April 2007**

**Preparation of Detailed Project Report for State Highways /MDRs (400 km Length) (Sponsored Asian Development Bank):**

Key member as Traffic Engineer for over all traffic related studies including identification of alternative schemes, development of traffic management schemes, development of traffic & transportation strategies etc

**March 2006- Aug 2005**

**Prioritization of 10,000km of State Highways in Andhra Pradesh (Sponsored by The World Bank)**

As Team Leader and transport planner/economist, major responsibility includes prepared methodology for prioritization of 10,000 km of SH & MDRs of the State of Andhra Pradesh along with the investment plan for the next 20 years to sustain the road network in good condition. The task also included the development of prioritization model, which is adopted as the prioritisation by the World Bank for prioritising the road networks in the various states of the country.

**July 2006- Nov 2006**

**Pre-Tendering Assistance for Hyderabad Metro System (Sponsored by GVK Industries)**

As Team Leader assisted the client in bidding process by estimating the travel demand and ridership estimation of proposed metro system on three corridors of Hyderabad-Secunderabad twin city.

**July 2005-Aug. 2005**

**4-Laning of 5 numbers National Highways in five states of India for BOT, Client: Leighton Contractors India (for NHAI)**

Projects consist of five National Highways on BOT basis in Chattisgarh, Maharastra, Punjab, Uttranchal and Meghalaya states.

As Traffic Engineer, responsibilities include the preparation of responsibility of supervision and monitoring of projects involving components of traffic/transportation engineering/planning.

**Sept. 2005-Jan. 2007**

**Implementation of Institutional Strengthening Strategy for the Highway Departments State of Tamil Nadu (Sponsored by The World Bank)**

As transport planner, major responsibility includes prepared methodology for classification of rural & Urban Highways such as NH/SH/MDR, preparation of Planning Procedure, Highway Master Plan and Congestion Management Plan for Highway Department. The task also includes the preparation reports on data requirements and coordination with Highway Department on field trial.

**Aug. 2005-July 2007**

**Preparation of Detailed Project Report Construction of Mussoorie-New Tehri-Meletha Section of Himalayan Highways of 145 km (Sponsored by PWD, Govt. of Uttaranchal)**

As traffic engineer for over all traffic related studies including identification of alternative schemes, development of traffic management schemes, development of traffic & transportation strategies, future traffic projection and report writing.

**July 2005-Aug. 2005**

**4-Laning of NH-7 from Km 22 to Km 78 from Hyderabad to Mahboob Nagar for BOT, Hyderabad**

*Client: GMR Infrastructure Ltd. (for NHAI)*

**Transport Planner/Economist**

Projects consist of 11 flyovers, 20 underpasses, 2 ROB's, 8 cattle crossings, 1 vehicle underpass, 10 major bridge, 36 minor bridges and 70 culverts

Responsibilities included:

As Transport Planner / Economist, responsibilities include the preparation of technical proposals/reports, overall responsibility of supervision and monitoring of projects involving components of traffic/transportation engineering/planning and economic analysis of projects.

**January 2005- June 2005: LEA Associates South Asia Pvt. Ltd**

**Position: Dy. General Manager (Traffic & Transportation)**

**Comprehensive Transportation Study for Mumbai Metropolitan Region (Sponsored by The World Bank)**

Working as Traffic & Transportation Engineer and presently responsibilities involve as coordinator traffic surveys/road inventory/Household surveys for entire study area of 4500 SqKm preparations of working/technical papers on various surveys. Assigned the job to work on TransCad & EMME/2 models, which is to be used for transportation modeling for the study.

**Traffic Impact Assessment of Bandra-Kurla Complex (Sponsored by MMRDA)**

Carried of the traffic impact assessment of Bandra-Kurla Complex- keeping in view of over 200,000 employments and over one million trips estimated to be generated in the complex by the year 2010, when the complex is fully operational. A separate study was carried out to assess the impact on road network of Bandra-Kurla complex due generation of 50,000 employment by Bharat Diamond Bourse (BDB) in the complex.

**February 2000-January 2005 : Sheladia Associates & Consultants (I) Pvt. Ltd**

**Position : Senior Engineer**

As Senior Transportation engineer, responsibilities include the preparation of technical proposals/reports, overall responsibility of supervision and monitoring of projects involving components of traffic/transportation engineering/planning and economic analysis of projects.

**1. Preparation of Detailed Project Report for NH-44 (100 km stretch near Agratala in Tripura State) (Sponsored by National Highway Authority of India):**

As traffic engineer for over all traffic related studies including identification of alternative schemes, development of traffic management schemes, development of traffic & transportation strategies etc.

**2. Detailed Design and Project Management Consultancy for four Arterial Roads in Pune Municipal Corpn. Area (Sponsored by Pune Municipal Corporation): in progress**

As Key Transport Planner Assessment of existing capacity of all roads and prepare phase-wise widening of roads based on traffic growth pattern, socio-economic condition of the study area.

**3. Preparation of Detailed Project Report for NH-7 under NHDP (60km stretch near Bangalore in Karnataka State) (Sponsored by National Highway Authority of India):**

As traffic engineer for over all traffic related studies including identification of alternative schemes, development of traffic management schemes, development of traffic & transportation strategies, future traffic projection and report writing.

**4. Detailed Feasibility Study of 12 Rural Roads in Three States of India (Sponsored under Prime Minister Rural Roads Scheme)**

As Transport economist carried out the economic analysis of 12 rural roads using the REDM simulation model for economic analysis of low traffic volume roads.

**5. Traffic Circulation Study for New Bangalore International Airport (Sponsored by Bangalore International Airport Limited)**

As Team Leader, responsible for over all design of traffic circulation and parking arrangements for New Bangalore International Airport-Completed

**6. Preparation of Detailed Project Report for Development of Road Projects in Bellary District (Bypass Roads for Sandur & Sandur - Hospet Road), 50 kms**

Responsible for identification of Traffic Homogeneous Links; Study of Transportation Network and Up-gradation Potential and Plans; Review of data and reports on road linkages and project influence area. Also responsible for preparation of Socio-Economic Profiles; Traffic Surveys; Traffic Data Analysis and Network Simulation; Preparation of BOQ and Cost Estimates; Preliminary Design of intersection layouts and grade separators; Proposal for service roads / junction improvement / and bypass; Rest areas, Wayside Facilities, Weighing Station and Toll Plaza; Road Furniture, Appurtenances and Land-Scaping etc.

**7. Detailed Engineering & Design of Pedestrian Grade Separation Study Under MUTP-II at 6 locations**

And

**Detailed Engineering & Design of Station Area Traffic Improvement Schemes Borivali Station Area**

**(Sponsored by The World Bank),**

As key transport planner responsibilities included over all traffic related studies. Identification of alternative schemes, development of traffic management schemes, development of traffic & transportation strategies and policies in influences areas and overall coordination with MMRDA/MCGM for both projects

**8. Feasibility Study & PPR for Ring Road in AUDA Limit (85km) (Sponsored by Ahmedabad Urban Development Authority)**

Responsible for supervision of traffic surveys, analysis of all survey data and interpretation of results; future traffic projections based on socio-economic parameters, design of road intersection with NH, SH & major roads, pick up bus stops, truck lay byes, preparations of detailed cost estimates for junctions and traffic appurtenances.

**9. Consultancy Services for the preparation of pre-feasibility report & bidding document for Four laning of Magdalla-Palsana Road and**

**10. Consultancy Services for pre-feasibility report & bidding document for four lanning & strengthening of Jamnagar-Vadinar road (including Vadinar & Sikka approaches) (Sponsored by Gujarat State Road Development Corporation)**

Responsibilities included supervision of traffic surveys and interpretation of survey results, traffic projection and analysis and preparation of reports.

**11. Traffic Action Plan for Parrys corner and Pandy Bazar areas in Chennai city for (Chennai Metropolitan Development Authority, Chennai)**

Responsible for Careful study of the whole street net work of the project area and identifying the traffic problems with respect to existing traffic movement pattern, on street parking, heavy pedestrian flow across roads and congestion; preparation of layout plans; conducting continuous traffic volume count, turning movement count at intersections, parking survey and pedestrian flow survey; analysis and interpretation of survey results and presenting suitable Traffic Management Scheme alternatives, which include diversion of traffic, suggesting one way movements, on street parking regulations, proposals for off street pay & park facilities, junction improvement proposals along with signalisation etc; comparison of various alternative Traffic Management Schemes, analysing merits and demerits of each alternative and finally suggest a suitable one along with the detailed cost estimate for the finally selected scheme.

**Jan.1994 to Dec 1999: Research Executive, Operations Research Group (I) Ltd.**

Worked on projects related to Urban Planning, Transport Planning & Traffic Engineering

**1. Zonal Development Plan for Heritage Zone of Bhubaneswar Development Area (Sponsored by Bhubaneswar Development Authority)**

and

**2. Revision of Master Plan for Vijayawada, Guntur & Tenali Towns (Sponsored by VGT Urban Development Authority)**

Worked as a core member of the team. Responsible for handling the entire project. Major responsible includes the supervision, guidance of land-use and physical and socio-economic surveys. Identification of gaps, deficiencies, shortcomings and inadequacies in infrastructural facilities. Study on existing development and infrastructure planning of the study area keeping the importance of architectural monuments into consideration. Preparation of Draft Zonal Development plan including the proposed land-use map, specify the standards of population density and building density. Demarcate areas required for conservation and re-development. Preparation and study feasibility of infrastructure development plans, innovative techniques for resource mobilisation schemes. Also envisage possibility of above plans on and medium term (2005-10) and long term (2010-15) basis.

**3. Project formulation for Urban Local bodies to access IDSMT Funds (Sponsored by Directorate of Town Planning, Tamilnadu)**

And

**4. Evaluation Study on Completed IDSMT & IUDP Projects in Urban Centers (Sponsored by Directorate of Town Planning, Tamilnadu)**

Worked as core member of team for formulating the remunerative & service projects for urban local bodies including the viability individual projects in terms of relative importance and need, organizational capacity of local bodies to implement and maintain such projects.

Find out the reasons delay and poor returns of already funded projects and find the ways to eliminate the delays and ensure optimum revenue generation through evaluation study.

**Nov.1992 to Dec.1993 : Transport Planner, WS Atkins International Limited**

**Comprehensive Transportation Study for Bombay (Sponsored by The World Bank/BMRDA)**

Worked as member of transport modeling team-worked on development and calibration of road and public transport network for Bombay Metropolitan Region. Responsibilities included preparation of network, calibration and subsequent assignment of private vehicles and public



transport trip matrices in SATURN and SatCHMO simulation models. Development and validation of base year goods vehicle matrices from 1998 survey data. Assisted in preparation and management of various traffic surveys, data analysis

**Dec.1991 to Oct.1992 : Research Associate, Indian Institute of Technology (IIT), Bombay**

**1. Development of Land-use/transport model for Madras Metropolitan Area**

**(Sponsored by RITES/The World Bank)**

Responsibilities included preparation of zoning system and network data for Lowery type land use/transport interaction model for MMDA. The analysis of traffic data, identification of high-density population & employment zones and their relative interaction behavior. Assisted in preparation of simulation model and calibration, assignment and travel demand on existing and proposed road network.

**2. Vasia-Virar Sub-region Transportation Study (Sponsored by CIDCO)**  
**and**

**3. Delhi Mass Rapid Transit Study (Sponsored by RITES)**

Responsible for supervision and planning of road inventory and traffic surveys, processing and analysis of data. Development of zoning system for study and preparation of rail network.

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**University of Newcastle Upon Tyne**

**Master of Science on Transport Engineering & Operation**

Special study and thesis on 'Vehicles & Pedestrian Delay at Pelican Crossing- a case study on Gosforth High Street, Newcastle Upon Tyne' using TraffiQ model.

**Certification**

I, the undersigned, certify that to the best of my knowledge and belief, this bio-data correctly described me, my qualifications and my experience.

**(AC Srivastava)**

**References:**

**1. Dr. Kim Jraiw**

Project Director (Technical)  
UNDP, Kuwait  
Phone:+965-50700217  
e-mail:kim.jraiw@undp.org

**2. Mr. V.K.Mehrotra**

Se. Consultant  
DIMTS,  
1<sup>st</sup> Floor, ISBT Kashmere Gate  
Delhi-110006, India  
Phone:+91-11-43090147/+91-9810431314  
e-mail:mehrotra.vk@dimts.in

**3.Mr. Subhajit Lahiri**

Ex. Director (Highway & Transportation)  
Charmwood Village  
Faridabad,-121009, Haryana  
India  
Phone:+91- 8800111525

e-mail:lahiri55@yahoo.com