

CURRICULUM VITAE

NAME OF STAFF	: Durga Prasad Osti
DATE OF BIRTH	: January 02, 1955
NATIONALITY	: Nepali
MEMBERSHIP IN PROFESSIONAL SOCIETIES	: Member, Nepal Engineering Council (Regd. No. 222 (Civil) "A" Category) Life Member, Nepal Engineer's Association (NEA) Life Member, Nepal Council of Arbitration (NEPCA) Life Member, Nepal Geological Society

KEY QUALIFICATIONS:

I have more than 29 years of road engineering work experience in design and construction supervision including more than 20 years of specific experience in design, construction supervision contract administration and quality control of road maintenance, improvement, rehabilitation, upgrading and new road construction projects together with contract management including resolution of claims. I have worked as Arbitrator, Team Leader, Senior Highway Engineer, Traffic Engineer, Division Chief, Unit Chief, Project Manager, Senior Divisional Engineer, Design/Pavement Engineer, Project Coordinator and Civil/Highway Engineer in various projects funded by national and international agencies. My experiences include detailed engineering survey, design, construction supervision, coordination, team management, field mobilization, data management and documentation, project management and preparation of reports. My experiences in major road projects are: (i) Detailed Survey, Design, Bid document preparation and IEE of Hilepani-Diktel link to Lamidanda and Chandranigahapur-Gaur Road under Road Improvement Project (Road Group-B) (ii) Melamchi Diversion Scheme, Audit Road Project Contract/AAR-002, (iii) Detail Design and Preparation of Detailed Project Report of Lebad-Ratlam-Jaora-Mandsaur-Nayagaon (NR-79), Madhya Pradesh, India, (iv) Chhinchu-Jajarkot Road Project, (v) Third Road Improvement Project (TRIP), Ilam-Phidim Road Project (vi) Various bridge projects. My expertise has been updated through technical and managerial training and workshops in road projects both in Nepal and abroad.

EDUCATION:

- **M. Sc. in Engineering (Highway Engineering)**, Birmingham University, U.K., 1986
- **B. E. (Civil Engineering)**, Assam Engineering College, (Guwahati University) Assam, India, 1978

Training:

- Training on "Legal Dimension of Road Management", Malaysian Institute of Management (MIM), July 2003 Kuala Lumpur, Malaysia.
- "Hands-on" Training on Application of GIS to Locational Planning for Rural and Urban Infrastructures, National Society for Geo Information Sciences (NSGIS), United Nations Environment Program/ Environment Assessment Program – Asia and Pacific, National Information Technology Institute (NITI), Nov. 25th to Dec. 26th 2001, Kathmandu.
- Training of Trainers (ToT) in Accident Prevention in the Construction Sector, Institute of Environment Management, Environment Sector Support (HMG/DANIDA), Construction Safety: Module-II, Nov. 19–21 2001, Kathmandu.
- Training of Trainers (ToT) in Accident Prevention in the Construction Sector, Institute of Environment Management, Environment Sector Support (HMG/DANIDA), Construction Safety: Module-I, Nov. 7– 9, 2001, Kathmandu.
- Training on "Project Appraisal" Nepal Administrative Staff College, April 1998 (5 weeks), Kathmandu.
- Joint project document preparation for Phase II, Arniko Highway Project, ITECO-CH, Aflton Switzerland, Jan. 1995 (1 month)
- Training on "Project Analysis and Management" Nepal Administrative Staff College, December 1986 (5 weeks), Kathmandu.

Arbitration:

- Roads Board Nepal vs Ashish Nirman Sewa; Collection of Toll Butwal-Narayanghat Section of East West Highway
- Nagarjun-Santoshi-Bhairab JV vs Phidim-Taplejung Road Project, Department of Roads
- Sharma and Co. vs Roads Board Nepal; Collection of Toll Naubise-Mugling Road

EMPLOYMENT RECORD:**From April 2007 to to-date**

Sr. Engineer/Manager, Full Bright Consultancy (Pvt.) Ltd., Various Roads and Infrastructure Projects under taken by Firm, Responsible for project management of road and other infrastructure projects.

March – December 2010

Research Consultant: Economic Policy Network II: Infrastructure: Road Asset Management, Ministry of Finance/ National Planning Commission/ Asian Development Bank

July 2010 to to-date: Team Leader/Highway Engineer, Full Bright Consultancy (Pvt.) Ltd., Detailed Engineering Design of Dharan Chatara Gaighat Katari Sindhuli Hetauda Road Project (about 300 Km), Department of Roads.

July 2010 to to-date: Team Leader/Highway Engineer, Detailed Engineering Design for Upgrading/Widening of Roads to Six Lane Standard (Package 3: Arniko Lokmarg, Suryabinayak-Dhulikhel section), Department of Roads.

July 2010 to to-date: Team Leader/Highway Engineer, Feasibility and EIA Study of Brahmadev-Pancheshwar Access Road Project, Pancheshwar Multipurpose Project, Department of Electricity Development.

April 2010 to August 2010: Team Leader/Highway/Transport Engineer, Full Bright Consultancy (Pvt.) Ltd., Feasibility Study of Kosh Bhanjyang-Kalika-Palabu and Narmadeshwor-Pokali-Khiji-Phalate Road in Okhaldhunga district, Department of Roads.

May 2009 to January 2010: Highway Engineer; Full Bright Consultancy (Pvt.) Ltd., Traffic, Surface Distress and Road Roughness Survey on Strategic Road Network (SRN), Department of Roads; Responsible for Collection and review of data, documents and literatures, preparation for Field work, Workplan, Forms and Format. Field visit, Identification of Defects. Record Surface Distress and land, Selection of Trial Section, Install Calibrate and Mount Bump Integrator with MERLIN and Odometer, Measurement of Roughness on SRN, Processing Surface Distress Index Values, Processing Roughness Data, Preparation of Reports, Technology transfer and training.

April 2008 to August 2008: Team Leader/Highway/Transport Engineer; Full Bright Consultancy (Pvt.) Ltd., Detailed Survey and Design for Road Projects, Roads in Kathmandu Valley, Department of Roads

As a Team Leader; responsible for Overall technical and administrative management including planning, survey, design and documentation. Review of data and reports. Quality Assurance Plan / Quality Control, coordination, monitoring staff inputs and ensure quality of staff performance. Applications of standards in designs and preparation of Bill of Quantities, Cost Estimates and other Reports.

As Highway/Transport Engineer; responsible for Reconnaissance of road alignment/intersections, finalization of alignment. Intersection planning, survey and design work and supervise survey and design support team; update highway design software. Check detailed topographic survey data and data processing works. Prepare detailed design drawings and finalization of road design Assist Design Team in preparation of Bill of Quantities, Unit Rate Analysis and Cost Estimates

From April 2007 to November 2007

Team Leader/Highway Engineer; Full Bright Consultancy (Pvt.) Ltd., Road Improvement Project (Roads Group-B), Detailed Survey, Design, Bid document preparation and IEE of Hilepani-Diktel link to Lamidanda (90 km) to otta seal surface and Chandranigahapur-Gaur (44 km) Road to otta seal surface, Department of Roads, Responsible for;

- Overall technical and administrative management related to engineering services including project plans and policies, survey, otta seal/bituminous pavement design and documentation of all project roads
- Prepare Quality Assurance Plan / Quality Control, for survey, investigation and design including bituminous pavement
- Coordinate field and office activities related to detailed design of all roads for required outputs;
- Monitor staff inputs and ensure quality of staff performance during the entire design process;
- Organize survey and monitor field activities of the entire survey, traffic study and investigation work
- Prepare design standard and apply to the project roads with approval from client.
- Carry out geometric and bituminous/otta seal pavement design
- Finalize packaging and bidding documents and evaluation of technical specifications, construction quantities and construction contracts for Competitive Bidding using technologies suitable for the work;
- Finalize Cost Estimates, Bill of Quantities and Tender Documents of the projects roads (2 ICB package);
- Liaise as appropriate with Client, and other concerned on technical admin matters; and
- Prepare reports/documents

From August 2005 to July 2007

Contractor's Representative cum Project Manager; CCECC-SHARMA-LAMA (China Civil Engineering Construction Corporation, Sharma & Co. Pvt. Ltd.-Lama Construction Co. Pvt. Ltd.) Joint Venture, Responsible for Melamchi Diversion Scheme's, Audit Road Project (26 Km, ICB-Contract/AAR-002), Contract Value NRs. 950.00 million. Works including design amendment and submission as required construction supervision, quality control/management, contract administration and overall project management including coordination and leadership.

From June 2005 to July 2005

Team Leader/Highway Engineer; EastConsult (P) Ltd., Feasibility Study and Detail Design and Preparation of Detailed Project Report of Lebad-Ratlam-Jaora-Mandsaur-Nayagaon (NR-79), Madhya Pradesh, India, Responsible for Feasibility Study and Detail Design and Preparation of Detailed Project Report of Lebad-Ratlam-Jaora-Mandsaur-Nayagaon (NR-79 bituminous surface), Madhya Pradesh, India, Responsible for Feasibility Study and Detailed Design and Preparation of Project Report including highway alignment, geometrics, traffic, bituminous pavement design aspects besides other activities of Lebad-Ratlam-Jaora-Mandsaur-Nayagaon (NR-79) section of the existing two lane road (250 Km) into four lanes, in the State of Madhya Pradesh, India.

From February 2004 to May 2005

Division Chief; Division Roads Office, Bhaktapur, Responsible for planning, survey, traffic study, material study, detail geometric and bituminous pavement design and road safety measure awareness aspects; and construction supervision, quality control, contract administration, coordination and management of new roads maintenance of strategic road network under Bhaktapur and Kabhre Palanchowk districts (approx. 150 Km Black Topped Road with DBST asphaltic concrete and pen macadam pavement).

From March 2003 to February 2004

Unit Chief/SDE; Design and Planning Branch, Department of Roads, Responsible for Roads and Traffic Engineering, and Safety Unit's works, which covered roads and junction management in terms of safety measure, inputs to road planning, survey, detailed geometric and bituminous pavement design and implementation from road safety measure and audit point and assisting for the establishment and functioning of the Roads Board Nepal.

From October 2001 to March 2003

Project Manager; Department of Roads, Intersection Improvement Project in the City of Kathmandu, Nepal, Responsible for the project consisted of ten intersections to be improved by installing traffic signals and other physical features including the pedestrian facilities. The Project was financed by the Japanese Grant Assistance through JICA. The works included land/property acquisition, planning, study, survey and detailed design, including bituminous pavement design and construction supervision, quality control, contract administration, coordination and management including bituminous pavement work and other civil works with road safety and traffic circulation measures.

From October 1999 to October 2001

Project Manager; Department of Roads, Chhinchu-Jajarkot Road Project (107 km, ICB Contract, World Bank funded) had three parts: (a) Maintenance of the existing gravel road from km 0+000 to km 24+000; (b) upgrading component, which consisted of the existing earthen track to a gravel standard pavement from km 24+000 to 86+000, and (c) new road construction comprising the construction of an earthen track from km 86+000 to km 107+000 and land/property acquisition. Overall responsibility of the Project Manager was:

- To supervise quality control and contract administration and management work of the contractors employed under IDA guidelines. Resettlement Action Plan (RAP) for the Project Affected People (PAP) and Environmental Mitigation Action Plan (EMAP) was given special attention in the Project and the Project Manager was to ensure these measures were compiled with followed by amendment of design and drawing and approval.

From January 1999 to March 1999

Design Engineer; Scott Wilson Kirkpatrick & Co. Ltd. of UK, Third Road Improvement Project (TRIP), Ilam-Phidim Road Project, Nepal, Survey and detailed design of road geometrics and Flexible/Bituminous Pavement for 42 Km sector of Ilam-Phidim Road including road safety consideration in pavement design.

From January 1998 to March 1998

Senior Highway Advisor; Soil Test (P) Ltd., Road Maintenance Project (RMP), Bhairahawa-Lumbini Road, Nepal, Responsible for survey and detailed design of highway and pavement resealing for Bhairahawa-Lumbini Road.

From June 1997 to November 1997

Project Coordinator; Road Maintenance and Rehabilitation Project (RMRP), Department of Roads, The RMRP consisted of rehabilitation of 200 km of roads in the Central, Western and Far Western Regions of Nepal and the Project Coordinator was responsible for:

- Management and coordination of International and Domestic Consultants involved in the planning, survey, design and supervision of the road rehabilitation work under IDA guidelines;
- Bid preparation and Management of the International and Local Contractors employed under FIDIC and NCB Conditions of Contract; and
- Planning, monitoring, controlling and road traffic management and reporting.

From November 1995 to June 1997

Deputy Regional Director; Central Region Directorate No.1 Hetauda, Department of Roads, Responsible for assisting the regional director for planning and monitoring of various road construction and maintenance activities and road safety management and day to day administration followed by road geometric and bituminous pavement design, bid preparation of road and bridges within the region.

From May 1996 to December 1996

Senior Highway Advisor; Soil Test (P) Ltd., Third Road Improvement Project (TRIP), Department of Roads, Responsible for;

- Design of roads and new pavements (Maikhola Ilam section of the Charali Ilam Road, 13 km; and City area of Ilam Bazaar, 3 km)
- Screening and preparation of engineering part of the feasibility report including geometrics and traffic condition analysis, evaluation and management for inclusion in rehabilitation of the following roads: (Gokarna-Sankhu, 8 km; Ring Road-Tika Bhairab, 12 km; Panchkhal-Melamchi, 22 km; Dolalghat-Chautara, 25 km; Dumre-Bandipur, 8 km; Bharatpur-Rampur-Meghauri, 23 km; Manmat-Kaliya-Materwa, 26 km and Duhabi-Inarwa, 15 km)

From December 1993 to November 1995

Chief/Coordinator Department of Roads, Rehabilitation Works (SDE), Arniko Highway Maintenance Project, First Phase (Dhulikhel-Dolalghat Road, 29 Km with DBST), Nepal, Responsible for; Rehabilitation of 29 km of roads in First Phase, and preparation of project document for Phase-II in Switzerland together with the Swiss consultant ITECO-CH. Survey, detail design of the Phase-II of the of the Arniko Highway Project (Dolalghat-Barhabise Sector); Participated in the study tour of Switzerland (Oct. '94); Management of two local consultants and two joint ventures if local contractors employed under FIDIC based contracts; Planning of works and monitoring of progress and preparation of reports (monthly quarterly and annually); checking of invoices and recommendation for payment, variation orders, examination of claims representation on various meetings and preparation of annual plan of operation (YPO); Participation on the Steering Committee (SC) meetings and preparation of minutes; Joint site inspection of the works with foreign consultant (ITECO-CH); and traffic safety measure and management aspect and Selection of Second Phase Consultants. Supervision of construction works; these are FIDIC-contracts ad penetration pavement.

From July 1993 to November 1993

Team Leader/Senior Divisional Engineer, Naubise-Simbhanjyang Sector, Tribhuvan Rajpath, Flood Damaged Emergency Works and Road Opening, Maintenance Section, Nepal, Department of Roads, Responsible for emergency road opening work along the Tribhuvan Rajpath, Naubise-Simbhanjyang Sector (km 26 to km 81 bituminous road) the Rajpath was severely damaged due to the floods of July/August. The works covered emergency works and for opening the road for traffic diversion with road safety measures and awareness and opened to traffic after emergency works.

From January 1992 to July 1993

Contract cum Highway Engineer; ITECO-AG of Switzerland and HYUNDAI Engineering Co. Korea, Second Road Improvement Project (Rapti 117 km and Sagarmatha Road 140 km), Nepal, Responsible for survey and detailed design and preparation of Pre-qualification document and contract documents consisting of conditions of contract, technical specifications with road safety measures, bills of quantities and working schedules under ADB procurement procedures based on FIDIC contracts.

From May 1990 to May 1992

Divisional Engineer; Project Directorate, ADB/DOR

Responsible for;

- Management of International Consultants and Contractors;
- Preparation of defense for Arbitration against Korea Development Corporation (KDC), the contractor for Feeder Roads Project under the Directorate;
- Project planning and progress monitoring of the Bank loan Projects; and
- Participated in the negotiation for settlement of dispute between KDC and DOR.

From December 1989 to March 1990

Engineer; Bagmati Zonal Office, Department of Roads

Involved with the Japanese team JICA/NIPPON KOEI Co. for the **survey and design of 6 motorable bridges** in the Kathmandu valley. The works included planning, traffic study, detailed survey and design including traffic safety and documentation.

From January 1986 to March 1989

Engineer cum Site Incharge; Bagmati Zonal Office, Department of Roads

Involved in detailed survey, design, preparation of tender and contract documents, and evaluation of the private properties including lands and buildings. Responsible for the construction supervision of SAARC (South Asian Association for Regional Cooperation) meet road extension programme around the Royal Nepal Academy, Kamaladi, Kathmandu. (Bituminous pavement with asphalt concrete urban road)

From May 1983 to June 1985

Engineer; Koshi Hill Area Road Project, Department of Roads, Responsible for;

Carried out engineering survey, design and construction supervision of Koshi Hill Roads Under the grant assistance of Overseas Development Administration (ODA) of the United Kingdom, Dhankuta-Hile- Basantapur (39 km) Road.

From March 1982 to May 1983

Engineer; Design Section, Department of Roads

Responsible for Detailed Engineering survey and design of Busti- Khimti Ramechhap (41 km) Road.

From August 1980 to 1981

Engineer; Dharan-Dhankuta Road (52 km) Project, Department of Roads/ODA

Responsible for detailed survey and design, preparation of tender document and construction supervision of road works leading to bituminous surface.

SHORT-TERM ASSIGNMENT**From August 1997 to October 1997**

Senior Highway Advisor; Soil Test (P) Ltd., Third Road Improvement Project (TRIP), Nepal, Department of Roads, Responsible for;

- Detailed survey and design of resealing of pavements and other highway elements (Birtamod-Bhadrapur, 13 km and Gokarna-Sankhu, 8km)
- Design of new bituminous pavements (Duhabi-Inarwa, 15km, Chuharwa-Siraha-Madar, 26 km and Ring Road-Tika Bhairab, 11km)

From January 1997 to March 1997

Senior Highway Advisor; Soil Test (P) Ltd., Second Road Improvement Project (SRIP), Nepal, Department of Roads, Responsible for survey, design and construction supervision of reinforced concrete rigid pavement on Dakshinkali Road near Chovar cement factory and management of road traffic during the construction.

From December 1987 to March 1989

Principal Highway Design Engineer; Soil Test (P) Ltd., Responsible for;

- Realignment and Engineering Survey and Design and Quantity Estimate/Bid Documents and construction supervision of the flood damaged portion of the Kathmandu –Kodari Road From Khadichour to Barhabise.
- Detailed survey and design of Bishnumati link Road between Teku and Balaju, detailed survey and design of Narayan- chour road in Naxal, Kathmandu.

From September 1981 to March 1982

Engineer/Head; Technical Unit, Rapti Rural Development Project, MLD/World Bank
Responsible for overall management of various technical works under IRD programme.

From March 1980 to September 1981

Engineer; Rasuwa Nuwakot Integrated Rural Development Project, MLD/World Bank
Carried out detailed **survey and design of 6 suspension bridges** and construction supervision of one bridge in Nuwakot district.

LANGUAGES:

	Reading	Writing	Speaking
- English	Excellent	Excellent	Excellent
- Nepali	Excellent	Excellent	Excellent
- Hindi	Good	Good	Good

CERTIFICATION:

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications, and my experience.

Durga Prasad Osti
49-Narayaneshwar Marg, Baneshwar
Kathmandu Metropolitan City, Ward No 10
Phone: 977-1-4472437 (R), 9851110482 (Mobile)