CURRICULUM VITAE (CV)

1.	**OBJECTIVE**	**:**	To participate in Highway/Structural Engineering Project
2.	**NAME**	**:**	Dewan Masud Karim
3.	**DATE OF BIRTH**	**:**	March 24, 1973
4.	**NATIONALITY**	**:**	Bangladeshi by Birth (Canadian Permanent Residence)
5.	**PERSONAL ADDRESS**	**:**	1-7-1 Aoto, Katsushika-ku, Tokyo 111-0062, Japan
	TELEPHONE NO.		+81-(3)-5828-2658
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6. EDUCATION :

- Master of Engineering (Civil Engineering, Transportation Planning), University of Tokyo, Japan, 2000.
- Bachelor of Science in Civil Engineering, Bangladesh University of Engineering and Technology, Dhaka, 1998.

7. OTHER TRAINING :

- 3-D Modeling for Civil/Architect and Plant Engineering Steel Structure, December2002-February2003, Sky Engineering, Tokyo, Japan.
- AutoLISP Programming and customization of CAD soft wares according to project setting, May 2003, Sky Engineering, Tokyo, Japan.
- Implementation of combining field survey laser data and CAD interface for Building design, January 2002, Shinkankyu Consultant, Tokyo, Japan.
- Post-construction Quality control test and comparison of pre-construction test report, August 2001, Ken-O-Do Expressway Asphalt Plant Test Center, Ohme, Japan.
- Survey training for Expressway, Five-ramp Interchange, and Tunnel, May 2001, Ken-O-Do Expressway Project, Ohme, Japan.
- Experiment for the Development of New Porous pavement asphalt mix design method and report for the implementation of Ken-O-Do Circular Expressway, April 2001, Research and Development Center, Nippon Hodo Company Limited, Shinagawa, Japan.
- Airport Runway and APRON area survey training, January 2001, Tokyo International Airport, Haneda West Terminal Project, Ohta, Japan.
- Fundamentals of material tests for Highway and Expressway: Experiment for the development of new asphalt mix design using low-cost material, highway tests report for project design specification, October, 2000~December, 2000, Research and Development Center, Nippon Hodo Company Limited, Shinagawa, Japan.

- Development of Intersection accident modelling and statistical probability model, June1999~August1999, University of Tokyo, Japan
- Implementation of GIS technology also applied for the intersection accident model for the detail visualization intersection obstacles using ArcView and MapInfo, September1999, University of Tokyo, Japan

8. MEMBERSHIP OF PROFESSIONAL SOCIETIES : The Canadian Council of Professional Engineers, April 2001
American Society of Civil Engineering, December2000
Institute of Engineers Bangladesh (IEB), September 2001
Japan Society of Civil Engineers, May 1999

9. COUNTRIES OF WORK EXPERIENCE : Bangladesh, Japan

10. A. COMPUTER SKILLS

- Operating Systems: Windows, MS-DOS 6.X
- Software Applications: AutoCAD 2002, 3D Studio VIZ, Adobe Photoshop, AutoPlant 2.0, Plant WAVE 2.2.7, Cosmos, Arc View, MapInfo, Winasean, TNT, Microcal Origin6.0, SPSS9.0, Systat 7.0
- Programming / Database Languages: AUTOLISP, DIESEL, VBA, C++, HTML

10. B. LANGUAGE & DEGREE OF PROFICIENCY : English – Excellent
Japanese – Native
Bengali – Native
Hindi – Fluent

11. DETAILED TASKS ASSIGNED

Management site inspection data and modify using CAD; and pre-stress concrete framework; Survey for earthwork; quality of control concrete mix design; maintenance of concrete plant.

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED

Project Name: Tokyo International Airport, Haneda West Terminal APRON Project
Location: Ohta-ku, Haneda Airport Island, Japan
Year: 2000
Position: Project Site Engineer
Duties: The project was a part of new West terminal project to construct pre-stress concrete APRON to reduce the congestion load from East terminal and increase international air-traffic. The APRON area is 350mX80m. The base foundation of the pre-stress concrete consists of three level composite flexible base: 2.5m cohesive soil base, 1.2m graded-granular sub-base, 15cm asphalt sub-base. The pre-stressed concrete APRON construction will be used for paring area for wide-bodied four engine aircraft like Boeing 747 or Airbus 777. The assignment includes the setting of pre-stressed concrete framework, sub-base earthwork site inspection, quality control of concrete mix design.
Project duration: 3 months

Porous pavement construction and quality control; asphalt plant installation test; interchange and tunnel site survey and modify the data using CAD, asphalt mix design and report.	*Project Name*: Ken-O-Do Expressway Ohme *Location:* Ohme-shi, Japan *Year:* 2001 *Position:* Project Engineer *Duties:* The project is part of one of the world Circular expressway connect five prefacture surrounding the Tokyo prefecture using high-technical porous pavement technology in Expressway project. Porous pavement also reduces accident; reduce expensive maintenance cost for highway drainage and better visualization performance of traffic driver during bad weather. This massive project includes construction of 11km pavement construction for Five-ramp interchange, 5km inbound and outbound tunnel and 1.5km concrete bridge. The tasks include porous pavement construction mix-design and quality control; asphalt plant installation test; interchange and tunnel site survey and modify the data using CAD, asphalt mix design and report. *Project duration:* 11 months
Site survey and prepare survey report; city office and legal office survey for related rules, data collection using lesser survey method; preliminary design for the proposed typical Japanese building design; soil and boring and report submission.	*Project Name*: Design and survey for Japanese Typical Building *Location:* Tokyo, Japan *Year*: 2002 *Position:* Civil CAD Specialist Duties: The project includes soil and site survey Investigation of 72 regional building designs and field survey for preliminary site condition to reconstruct the old structure including new building code. The task includes site survey and prepare survey report; city office and legal office survey for related rules and local terms and conditions, data collection using lesser technology survey method; preliminary design for the proposed typical Japanese building design; soil and boring and report submission. *Project duration:* 12 months
Comprehensive implementation of CAD technology for Civil and Plant engineering, steel structure load calculation, Development of 3-D Modeling for Civil and Architectural structure.	*Project Name*: Taiwan Hannster Co., Ltd., Plant Construction *Location*: Designed in Tokyo, Japan *Year*: 2003 *Position Held*: Structural CAD Specialist *Duties*: Comprehensive implementation of 3-D CAD technology Plant engineering, steel structure and load calculation for rack of piping. Project Duration: 2 months
CAD technology for Civil and Plant engineering, steel structure load calculation, Development of 3-D Modeling for Civil and Architectural structure.	*Project Name*: Shimizu corporation China Plant Construction *Location*: Designed in Tokyo, Japan *Year*: 2002-2003 *Position Held*: Structural CAD Specialist *Duties*: Steel structure and load calculation for rack of piping. Estimation of material cost for steel structure, Isometric planning and drawing, Front, side and plan view planning and drawing of 3-D Modeling. Project Duration: 3 months

12. EMPLOYMENT RECORD

FROM: June 2003 **TO:** Present

Employer : **JapaDacca Private Ltd., Tokyo, Japan**
http://www.japadacca.com

POSITION HELD & DESCRIPTION OF DUTIES : Sub-lead Engineer

Establish business connection from Japan and Bangladesh

- Using Bangladeshi low personal labor cost, responsibility includes Computer Aided Management (CAM) for international web-based CAD engineering and drafting facility.
- Low cost construction Plan and field support for implementation of design.
- Plant Engineering design and Drawing
- Civil engineering all kinds drawing and design
- Establishing International engineering network using English service for engineering and business professionals

FROM: December 2002 **TO**: June 2003

Employer : **Sky Engineering Co., Ltd., Tokyo, Japan**

POSITION HELD & DESCRIPTION OF DUTIES : As a Structural CAD Engineer

- Design of Factory building, Steel structure, chemical and mechanical plant and;
- Structural CAD design using AutoCAD 2002 and AutoPLANT 2.0
- Customization AutoCAD using AUTOLISP, DIESEL, VBA programming
- Flow Stress calculation using AutoPIPE
- Modify 3D design to 2D design using Plant_Wave2.2.7

FROM: January 2002 **TO:** December 2002

EMPLOYER : **ShinKankyu Consultant (Hokoku Engineering Corp.), Tokyo, Japan**

POSITION HELD & DESCRIPTION OF DUTIES : As a Civil Engineering CAD Designer

- Design and Preliminary Survey of Building Construction Consolidation using AutoCAD and CosmoCAD
- City and legal affairs survey for building construction terms and conditions, water, gas and sewerage connection survey; Soil property tests and prepare report

FROM: October 2000 **TO:** December 2001

EMPLOYER : **Nippon Hodo Co., Ltd. Tokyo, Japan**
http://www.nipponhodo.co.jp/

POSITION HELD &
DESCRIPTION OF DUTIES

Project Engineer
As a Project Engineer

- Training: Tests of Highway construction
- Ken-o Do (Ohme) Expressway: Pavement construction inspection and construction quality control for porous pavement, asphalt mix-design and report preparation
- Tokyo International Airport East Terminal APRON:- Asphalt-base Prestress-concrete Apron: Pre-stress concrete APRON site construction inspection, site survey, quality control of concrete mix-design.

FROM: October 1998 **TO:** September 2000

EMPLOYER : **University of Tokyo, Japan**

POSITION HELD &
DESCRIPTION OF DUTIES

Research Assistant
Development of Intersection accident modelling and simulation for Tokyo prefecture 200 intersection using statistical probability model. Implementation of GIS technology also applied for the intersection accident model for the detail visualization intersection obstacles using ArcView and MapInfo.
Organize and prepare final report for traffic safety project funded by Tokyo Metropolitan Police and Sagawa Transport Communication.

Documents available on request.