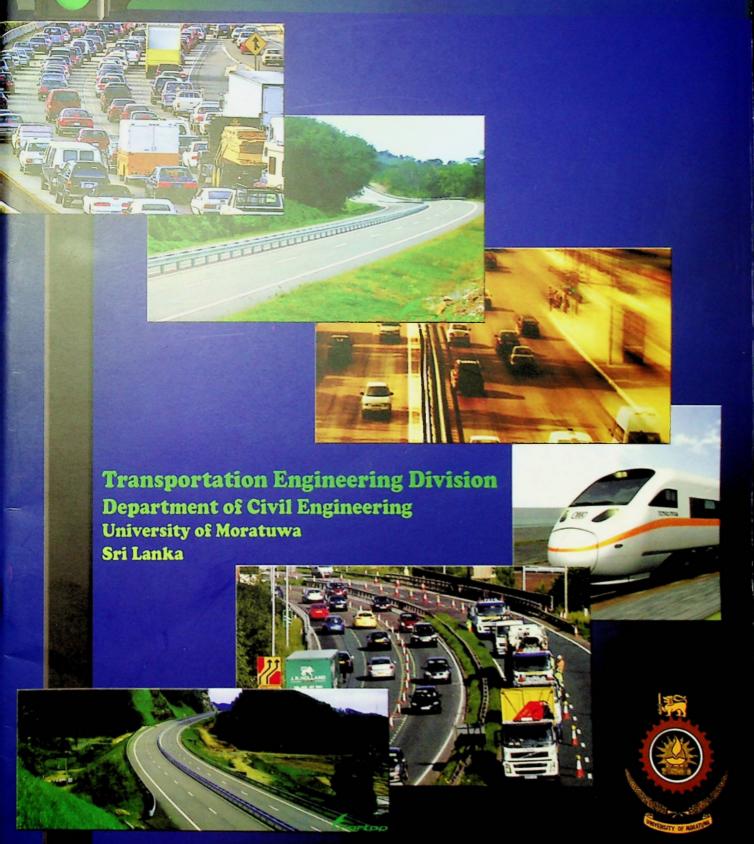


JULY 2011



International Conference on ances in Highway Engineering

Advances in Highway Engineering & Transportation Systems



Abstracts

26th July 2011 Colombo, Sri Lanka

Transportation Engineering Division
Department of Civil Engineering
University of Moratuwa

Conference Program

International Conference on

Advances in Highway Engineering& Transportation Systems

PI	enarv	Session

9.00 am - 10.30 am

Technical Session 1

11.00 am - 12.30 pm

Highway Engineering

★ A Large Scale Test System To Investigate MSE Soil Reinforcement-Backfill Interaction

- ★ Design Of Rigid Pavement Joint Spacing For Low Volume Roads
- ★ Role Of 3D-Finite Element Modeling In The Analysis Of Soil-Structure Interaction Problems
- * Stiffness Based Construction Quality Evaluation For Pavement Subgrade And Base Applications

Public Transport

- ★ Regular Bus Service Or Regular Plus Express Bus Service?
- * A Revisited Model Estimation For International Passenger Demand At Bandaranayaike International Air Port, Sri Lanka
- ★ Impact Of Transfer On Transit Attractiveness
- ★ Pedestrian Facilities In Urban Environment Using "Walkability" Measures

Technical Session 2

1.30pm - 3.00 pm

Road Infrastructure & Safety

Hydroplaning Risk Evaluation In High Speed Low Traffic Volume Highways In Developing Countries

- ★ Low Cost Speed Management In High Speed Rural Roadways: Optical Speed Bars
- ★ Accommodating Road Accident Records In A Comprehensive Highway Management System

Transport Infrastructure

- * Decision Making Framework For Transportation Infrastructure Selection
- ★ The Influence Of Destination Location Factor And Transportation System Factor to Choice The Shopping Location
- IT Based Evacuation Methodology For A Coastal Railway System Under A Tsunami Warning

Technical Session 3

3.30pm - 5.00 pm

Traffic Engineering & Planning

- ★ Stepwise Genetic Fuzzy Logic Signal Control ★ Under Mixed Traffic Condition
- ★ Geometric Design Standards For Narrow Curves In Hilly Terrain of Sri Lanka
- ★ Developing A Comprehensive Mode Choice
 Model To Capture The Preferences For Mass
 ★ Rapid Transit In Dhaka

Accident Data & Road Users

- Identification of Factors Related to State
 Level Safety Belt Usage Rates In The United
 States
- ★ Identification of Safety Issues of Older Drivers Using Survey Data
- ★ Development of Road Accident Data Base For Sri Lanka

International Conference on

Advances in Highway Engineering & Transportation Systems

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