



3rd Annual Conference on

BRIDGES, FLYOVERS AND ELEVATED MRTS STRUCTURES

Trends, Opportunities, Challenges and the Way Forward

March 14-15, 2012, The Imperial, New Delhi

Organiser:

**Indian
Infrastructure**

BRIDGES, FLYOVERS AND ELEVATED MRTS STRUCTURES

Mission

- The construction of bridges and elevated structures in India gained momentum in the past one year. Works were initiated for a number of bridge projects including the world's highest rail bridge over the Chenab river and the 5.5 km bridge across the Ganges in Bihar. The construction of new structures were also completed including the elevated pilot corridor of the Bangalore metro rail project and additional lines of the Delhi Metro.
- This pace of activity is expected to continue. One of the major drivers for bridge construction is the National Highways Development Programme (NHDP). Over 21,000 km of national highways are yet to be awarded under the NHDP. Indian Railways also plans to complete over 100 bridge projects in 2012-13. Dedicated freight corridor projects worth Rs 500 billion also offer opportunities for bridge construction in the railway sector. Elevated MRTS structures have created new interest in the bridge market. About 10 metro rail projects worth Rs 900 billion are coming up. Also, if the new improved Jawaharlal Nehru National Urban Renewal Mission is approved by the centre, over Rs 17 trillion will be earmarked as the capital expenditure for urban roads including flyovers during 2012-31.
- The Indian industry is just beginning to adopt international standards in construction of bridges and elevated structures in terms of design, construction practices, use of technology, construction materials, etc. Also, the Indian scenario poses unique challenges like frequent changes in scope, poor planning, obsolete standards resulting in the use of outdated equipment, etc.
- The mission of this conference is to discuss the trends and opportunities in the development of bridges and elevated structures in India. It will provide a forum for the discussion of key issues and challenges. The conference will also highlight the best practices in design and showcase noteworthy projects.

Target Audience

- The conference is targeted at:
 - Road developers
 - Other material manufacturers
 - Indian Railways
 - Construction contractors
 - Other railway-related organisations
 - Construction equipment providers
 - Urban transport operators
 - Infrastructure development agencies
 - Urban infrastructure developers
 - Architects and designers
 - Urban local bodies and relevant government bodies
 - Financial institutions
 - Port operators
 - Consultancy organisations
 - Cement manufacturers
 - IT solution providers
 - Steel producers
 - Etc

The delegates to this conference will get an opportunity to:

- Understand the key trends and recent developments
- Identify potential market opportunities
- Learn about the advances in technology and materials
- Discuss the issues and challenges for contractors
- Interact with leading consultants in the industry
- Share experience, information and ideas with industry colleagues and peers
- Network with key industry players – customers/contractors/vendors

Organisers

The conference is being organised by **India Infrastructure Publishing**, a company dedicated to providing information on the infrastructure sectors through magazines, newsletters, reports and conferences. The company publishes **Indian Infrastructure** (a magazine devoted to infrastructure policy and finance). It also publishes over two dozen reports and eight weekly newsletters in the areas of power, oil and gas, ports and shipping, roads and bridges, airports, urban infrastructure, telecom and railways. These include **Road Development in India**, **Construction Sector in India**, **Urban Rail Transport in India** and **Railways in India**.

AGENDA/STRUCTURE

KEY TRENDS AND OUTLOOK

- ❖ What are the current trends in bridge construction in India?
- ❖ What are the key market segments (bridges, flyovers, MRTS, rail, etc.)?
- ❖ What is the outlook for each of these segments?

BEST PRACTICES IN DESIGN

- ❖ What are the challenges faced in the design and construction of bridges?
- ❖ What are the design trends in India?
- ❖ What are the global trends? What innovations have been made in the design of bridges?

FOCUS ON CONSTRUCTION MATERIALS

- ❖ What type of construction materials are used in India for the development of bridges?
- ❖ What are the recent global advances in materials used for bridge construction?
- ❖ Which of these are most relevant to Indian needs?

SPOTLIGHT ON GEOSYNTHETICS

- ❖ What is the current status of the geosynthetics market? What are the benefits of geosynthetics?
- ❖ What are the different products and applications available in the market?
- ❖ What are the global advances in geosynthetics? Which of these are applicable to the Indian scenario?

CHALLENGES IN PROJECT MANAGEMENT

- ❖ What are the key challenges faced in the management of bridge construction?
- ❖ What are some of the best practices being followed in India?
- ❖ What are the global best practices in the management of bridge construction? What can India learn from these global practices?

BRIDGE AND ROAD DEVELOPMENT

- ❖ What are the key trends in bridge construction in the Indian road sector?
- ❖ What are the key challenges/issues? How can they be addressed?
- ❖ What are some of the noteworthy projects? What can be learnt from them?

ELEVATED MRTS STRUCTURES

- ❖ What are the key trends in the development of elevated MRTS structures in India?
- ❖ What are the key challenges/issues? How can they be addressed?
- ❖ What are some of the noteworthy projects? What can be learnt from them?

FLYOVERS AND URBAN DEVELOPMENT

- ❖ What are the key trends in the development of flyovers in urban India?
- ❖ What are the key challenges/issues? How can they be addressed?
- ❖ What are some of the noteworthy projects? What can be learnt from them?

RAILWAY BRIDGES

- ❖ What are the key trends in the development of railway bridges in India?
- ❖ What are the key challenges/issues? How can they be addressed?
- ❖ What are some of the noteworthy projects? What can be learnt from them?

Each session will be split into two parts. The first part will feature presentations from speakers. The second part will be dedicated to Q&A and floor discussions. The conference will feature the viewpoints of all the key stakeholders – developers, designers, contractors, material suppliers, equipment manufacturers, sector consultants, etc.

Delegate Fee

- The delegate fee is Rs 25,000 for one participant, Rs 42,500 for two, Rs 60,000 for three and Rs 77,500 for four.

Previous Participants

The organisations that participated in our previous two conferences on "Bridges, Flyovers and Elevated MRTS Structures" include: Aarvee Associates & Architects, Afcons Infrastructure, Ambuja Cements, Anjana Steel, Autodesk, Backbone Enterprises, BG Shirke Construction Technology, Border Roads Organisation, C&C Constructions, CEPT University, Chennai Metropolitan Development Authority, Crescent Foundry, Delhi Tourism and Transport Development Corporation, Desai Construction, Dextra Group, Deioners Speciality Chemicals, DTTDC, DYWIDAG India, East Coast Constructions, EGIS India, Elara Capital, Essar Steel, Fedders Lloyd Corporation, Feedback Ventures, Freyssinet-Menard India, Gammon India, GC-Bangalore Metro Rail Corporation, GMR Infratech, Government of Orissa, GPT Projects, Grafix Engineering, Halcrow Consulting, Hindustan Construction Company, IDBI, India Cements, Indian Institution of Bridge Engineers, Intercontinental Consultants & Technocrats, Isolux, ITD Cementation, ITNL, J&K Cements, Jindal Steel and Power, JSSL, JMC Projects, Lanco Infratech, Lea Associates South Asia, KEC International, KSIDC, Leighton, Maharashtra State Road Development Corporation, McNally Bharat, Ministry of Railways, Mumbai International Airport, NHAI, Navayuga Engineering Corporation, Neilsoft, Oriental Consultants, Outokumpu, Prakash Asphaltings & Toll Highways, Progressive Constructions, Quadricon, Railway Board, Ramky Infrastructure, Reinforced Earth India, Research Designs Standards Organisation, RITES, S P Singla Constructions, SAI Consulting Engineers, SEW Infrastructure, SMEC International, Sinclair Knight Merz, Soilmech Foundation Equipments, SREI Infrastructure Finance, Strata Geo Systems, Supreme Infrastructure, Tandon Consultants, Tantiya Constructions, Tata Projects, Tata Realty and Infrastructure, TechFab (India), Thapar Group, Valecha Engineering, Venetor Search partners and Viraj Profiles.

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Registration Form

I would like to register for the conference. I am enclosing Rs _____ vide cheque/demand draft no. _____ drawn on _____ dated _____ in favour of **India Infrastructure Publishing Pvt. Ltd.** payable at New Delhi.

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Registration Fee

Delegates	One	Two	Three	Four
INR	25,000	42,500	60,000	77,500
USD	550	940	1,330	1,720

Sponsorship opportunities are available

- Registration will be confirmed on receipt of the payment. To register online, please log on to <http://indiainfrastructure.com/conf.html>

Payment Policy:

- Full payment must be received prior to the conference.
- Conference fee includes lunch, tea/coffee and conference materials.
- Conference fees can not be substituted for any other product or service being extended by India Infrastructure Publishing Pvt. Ltd.
- Discount offers cannot be combined with any other offer.

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