

**DELHI DEVELOPMENT AUTHORITY  
UTTIPEC, 6<sup>th</sup> FLOOR: VIKAS MINAR  
New Delhi: Phone No.23379931**

No.F.1.(2)09/Dir./UTTIPEC/14<sup>th</sup>/D-250

Dated: 11.5.2009

**MINUTES OF THE 14<sup>th</sup> UTTIPEC GOVERNING BODY MEETING, HELD ON  
24.4.2009 AT 11.00 A.M., UNDER THE CHAIRMANSHIP OF THE HON'BLE LT.  
GOVERNOR OF DELHI.**

1. A Governing Body meeting of the UTTIPEC was held on 20.3.2009 at 11.00 A.M. at Vikas Minar, under the Chairmanship of the Hon'ble Lt. Governor of Delhi. The detailed agenda points for discussion laid on table contained:- (i) Minutes of 13<sup>th</sup> Governing Body Meeting dated 20.3.09, as Annexure 'A' (ii) Minutes of Working Group –IV & V meetings as Annexure 'B' & 'C' (iii) Hard copy of the presentation on new technique of road repairs by M/s. Wirtgen. The List of members and participants, who attended the meeting, is placed as Annexure 'X'.
2. Addl.Commr.(Plg.)III welcomed Hon 'ble L.G.- Chairman, UTTIPEC; VC, DDA; Commr.-MCD ; other special invitees & UTTIPEC members to the 14<sup>th</sup> UTTIPEC Governing Body meeting. The contributions made by Sh.B.K.Chugh, outgoing Engineer Member, DDA as the Chairman of Working Group –I B, II-A & II-B, were appreciated. On behalf of UTTIPEC core team, Shri A.K.Bajaj, new Engineer Member, DDA was welcomed & introduced. UTTIPEC also expressed its gratitude to Mr.Vijay Risbud, Commr.(Plg.), DDA (due for superannuation this month) for his all round support in the working of UTTIPEC.
3. The contents of the letter dt:16.4.09 from Project Engineer, PWD regarding new link road on Barapullah nallah were shared with the members of the Governing Body, and the Minutes of the 13<sup>th</sup> Governing Body meeting of UTTIPEC held on 20.3.2009 circulated vide

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No.F.1(2)09/Dir./UTTIPEC/12<sup>th</sup>/D-163 dated:2.4.09 & laid on table, were confirmed.

**4. Brief review of actions arising out of UTTIPEC meetings:**

- a) Before taking up detailed point by point review of actions, arising out of UTTIPEC meetings, L.G. enquired the progress on corridor improvement plan for the stretch of outer ring road between IIT flyover to Olof Palme Marg. Based on the decisions of 13<sup>th</sup> UTTIPEC Governing Body meeting dt-20.3.09 (para 6 (a)(iii)), he directed Eng.-in-Chief-PWD, GNCTD to ensure that the integrated modified proposal of the corridor is submitted to UTTIPEC for release within one week. The UTTIPEC core team & experts were requested to extend full support to the Project Engineer in this regard. Compliance report be separately submitted to the office of L.G., Delhi

**(Action: Eng.-in –Chief- PWD & Dir.(Plg.)UTTIPEC)**

- b) The Chairman, UTTIPEC also decided to set up the 9<sup>th</sup> Working Group of UTTIPEC as W. G.-III B: " Regulatory Changes For Traffic Improvements", under the Chairmanship of Pr. Commr.-cum-Secy., Transport, Govt. of Delhi. The proposed group was assigned the task to deal with all regulatory measures for improvement of traffic in Delhi, e.g. limiting the growth of vehicles, policy of car pooling, creating separate lanes for fast & slow moving modes, application of Congestion Charges/Electronic Road Pricing(ERP) -as applicable in other mega cities of the world & any other such matters. Dir.(Plg.)UTTIPEC was requested to organize the first meeting of the group and finalize other members of the working group in consultation with Pr. Comm.-cum-Secy.,Transport, GNCTD.

**(Action:Director(Plg.)UTTIPEC)**

- c) The status of actions, as given in detailed agenda point in para 2(i) to (x)

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with follow up actions, to be taken by the concerned agency/working group were considered as read. L.G. requested all the members of the governing body to expedite follow up action on each of these action points.

**(Action:All concerned/W.G.)**

**5. Brief report of working group meetings-**

The minutes of WG.-IV held on 9.4.09 & W.G.-V held on 15.4.09(laid on table as Annexure 'B' & 'C' ) were endorsed by the Governing Body.

**6. Presentation of projects:**

**a) Base paper on modernization of transport systems in Delhi by Pr.Commr.-cum-Secy.(TPT), GNCTD .**

It was informed that Jt.Commr., Transport Department vide letter dated 23.4.09 has intimated that the base paper on "modernization of transport system in Delhi", will be submitted shortly for consideration of UTTIPEC after obtaining approval of Government of NCTD for discussion/approval and onward transmission to Govt. of India.

**(Action: Pr.Commr.-cum-Secy.  
(TPT)GNCTD.)**

**b) Review of progress of 58 road improvement proposals approved by UTTIPEC- by road owning agency & traffic police.**

The progress of these improvement proposals, agency wise in a tabular form, was presented during the meeting. It was noted that as on date, 20 works have been completed, in 9 cases work is under progress, and in 29 cases work is yet to start. For 12 cases, the information has been uploaded on the UTTIPEC website. L.G. directed the road owning agencies to expedite the progress on these improvement works & desired that photographs highlighting the completion of work be also got uploaded on UTTIPEC website.

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He showed his keenness to review the progress, case by case (agency wise), for each of these cases, during the next Governing Body Meeting.

**(Action:All road owning agencies,  
Traffic Police & UTTIPEC)**

## **5 Other Presentations:**

### **a) Quality Audit Report of Barakhamba Road.**

The preliminary findings of the Quality Audit Report on Barakhamba Road were discussed during the meeting of W.G.-V UTTIPEC. It was noted that about 1k.m.stretch of the road with 4 lane divided carriage way was relayed by DMRC almost 3 years ago. Portions of this road is undulating and has developed cracks. The Shriram Institute of Industrial Research presented the structural evaluation & quality audit findings of the analysis done by the institute, based on the examination of 4 test pit samples dug in the presence of NDMC & DMRC officials . Based on the results, SIIR recommended that 1 k m. stretch of the road requires re-laying. It was also noted that similar recommendations were earlier made by the CRR. Director(Projects) DMRC clarified that the restoration of the road had been done by DMRC as per design approved by Delhi PWD and during execution the tests done at PWD Lab as well as Delhi Test House. However, in view of the bad condition of the road, UTTIPEC Governing Body decided that the entire stretch of 1 k.m. road be re-laid by NDMC as a cement concrete road, and the cost of the same up to Rs.5 crore be borne by DMRC. Additional cost liability due to higher specification would be borne by NDMC. The road re-laying work to be done expeditiously in view of Common Wealth Games. It was also decided that DMRC may consider assigning the road relaying work to the concerned road owning agency as a depository work, instead of doing itself. Sri Ram Institute for Industrial Research will be retained as Quality

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Assurors/Auditors for this project.

**(Action: DMRC, NDMC)**

**b) New Technique of road repair by E-in-C, MCD.**

Two new techniques of road repair namely-Cold Recycling for bitumen roads, and Cement Concrete for repair free Urban roads; were recommended for presentation by WG-V, UTTIPEC. M/s.Wirtgen made the presentation on behalf of MCD. During the presentation, it was highlighted that the 'cold recycling' is one of the standard practice followed in most of the developed countries, as a green technology that recycles almost 80% of the mix of aggregates and the bitumen, uses foamed bitumen with small quantity of cement, improves the road life, maintains a specified road level & there by avoid drainage/water logging problems of the adjoining area. It was also mentioned that Calcutta Municipal Corporation has already adopted the technique for a Pilot Project of 10 k.m. of road length, on the recommendations of IIT Kharagpur, since Feb'2009. The standing Committee of MCD has also identified 7 roads in Delhi, for adopting this technique, on pilot basis; under the quality supervision of CRRI. After going through various technical aspects of the technique, UTTIPEC Governing Body appreciated the initiatives taken by Commr.-MCD & ENC-MCD in promoting this new technique. Chairman-UTTIPEC endorsed the adoption of new technique, subject to (a) 3<sup>rd</sup> party quality audit by Shriram Institute of Industrial Research (b) that the road surface is maintained in good condition(free from defect liability)for atleast 10 years after construction. UTTIPEC also suggested that associated drainage aspects & construction of footpaths, curbs etc. be also relayed along with carriage way, in these selected pilot projects of MCD.

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The cement concrete road construction technique using sophisticated equipments as presented, was also appreciated by the UTTIPEC and it was decided that the MCD may go ahead with the regular tendering process for encouraging quality roads in Delhi.

**(Action: Eng.-in-Chief- MCD)**

**c) ICT Enabled PAN – City MEGA- Carpool by Transport Deptt., Govt. of NCT Delhi and AAUI.**

Jt.Commr.(Project) Transport, Transport Department GNCTD attended the meeting and it was informed by him that the department of Transport shall make the presentation, during the next Governing Body meeting of UTTIPEC

**(Action: Pr.Commr.-cum-Secy.  
(TPT)GNCTD.)**

**d) Great pavements for Delhi**

The Sr.Consultant UTTIPEC, Ms Romi Roy made a brief presentation based on her detailed study about pavements/footpaths of Delhi vis-à-vis best practices being followed in other mega cities of China, USA, Canada, Europe etc. It was mentioned during the presentation that since almost 90 % of the road space in Delhi is presently being used by only 14% of the car users; there is need to make increasing reservation of road space for improved mobility & safety of pedestrians/cyclists. It was also felt that simultaneous efforts are required for strong shift towards Public Transport System i.e. Buses, Metro & Ring Rail. The presentation emphasized the following :

- Path ways should not be compromised at any cost for road widening, laying of utilities & hawkers etc.
- It is possible to harmoniously integrate the design of bus stops, public convenience, trees, hawkers, signages, boundary wall, road side parking etc. using best practices of other cities with

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emphasis on urban aesthetics & ecological considerations in addressing the mobility & safety needs of the pedestrians.

- Reduction in the width of central verge & merging the front set back into the road right of way (by grant of FAR on full plot) as have been tried in other cities must be explored, to increase the road space.
- There should be a separate tree plantation zone & also separate duct for laying of utilities.
- Use of local permeable material, fly ash, recycled plastic be encouraged in building the pathways.
- No encroachment on foot path be allowed; lighting of foot paths must be ensured by specially designed energy efficient fixtures; involve people in selecting species of plants/ hedges.
- Greater use of transparent railings instead of solid boundary walls at the extreme ends of the road.
- Use of 3-dimensional signages for greater visibility.
- There should be no level difference between foot path and the carriage way. Segregation of vehicles & pedestrians could be ensured by using different materials & design elements.

Presentation also covered many other design improvements, which may be referred in the detailed report compiled by her and available with UTTIPEC, for reference. It was strongly suggested that some of the best practices could be tried on neighbourhood area level, instead of 'corridor basis' for continuity of 'barrier free' movements of the pedestrians/ cyclists. L.G. & other members of the Governing Body complimented Ms.Romi Roy, Sr.Consultant UTTIPEC for the excellent presentation. It was decided that Commr.-MCD; EM, DDA and other road owning agencies may adopt some of these best practices, on pilot basis.  
Ms.Romi Roy

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agreed to facilitate & guide these agencies in this regard.

**(Action: All road owning agencies  
And Sr.Consultant-UTTIPEC)**

**6. Briefing about other important meetings.**

Governing Body noted the status report, as given in para 6 of the detailed agenda note laid on table.

**7. Any other item with the permission of the chair.**

- i) While discussing about the need for improvement in the management of parking lots in Delhi, it was decided that MCD shall, instead of auctioning parking sites as at present, explore the possibilities of involving ex-service men in the management of parking lots and also allocate one parking site to AAUI for management on pilot basis.

**(Action: MCD, AAUI)**

- ii) L.G., thanked VC, DDA for his support in strengthening of UTTIPEC. He desired that UTTIPEC should adopt systematic approach in making comprehensive all round improvements in the mobility of people, as there is a lot of work remaining to be done.

**(Action: UTTIPEC, DDA)**

- 8. It was decided that the next meeting of Governing Body of the UTTIPEC be held on Friday 29<sup>th</sup> May 2009 at 11.00 A.M.**

- 9. The meeting ended with thanks to the chair.**

Sd/-  
**(Vinod Sakle)**  
**Director(Plg.)Member Secretary/  
UTTIPEC**

**To  
All present/ members/ concerned.**



**Annexure- X**

**DELHI DEVELOPMENT AUTHORITY  
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New Delhi: Phone No.23379931**

14<sup>th</sup> meeting of Unified Traffic & Transportation Infrastructure ( Plg. & Engg.)Centre, UTTIPEC, held under the Chairmanship of Hon'ble L.G., Delhi on dated 24.4.09 (Friday) at 11.00.A.M., at 5<sup>th</sup> Floor, Conference, Hall, Vikas Minar New Delhi.

**ATTENDENCE SHEET**

**Department wise members & Participants.**

L.G.Office:

1. Sh.Tejender Khanna, Hon'ble L.G., Delhi
2. Sh.Bhaskar Mitra, Advisor(Spl.Projects) to L.G.
3. Sh.Ranjan Mukherjee, OSD to L.G.

Govt. of NCT, DELHI

1. Sh.Vishva Mohan Jt.Commr.(TPT).

DELHI DEVELOPMENT AUTHORITY

1. Sh.Ashok Kumar, Vice-Chairman
2. Sh.A.K.Bajaj, Engineer Member
3. Ms.Veena Ish, Pr.Commr. (CWG & System).
4. Sh.Vijay Risbud, Commr.(Plg.)
5. Sh.S.P.Bansal, AC(Plg.)III
6. Sh.Vinod Sakle, Dir.(Plg.)Member Secy.,UTTIPEC.
7. Mrs.Poonam Mathur, Director, System.
8. Sh.A.K.Sarin, Advisor.
9. Sh.A.K.Jain, Spl.Advisor
10. Sh.S.K.Bhatia, Project Manager, Flyover ,
11. Sh.Ashok Bhattacharjee, Jt.Director(Plg.)I,UTTIPEC
12. Sh.Sabyasachi Das, Jt.Dir.(Plg.) & D-Zone
13. Mrs.Manju Paul.Dy.Dir.(Plg.), VC Office
14. Sh.L.K.Jain, EE(Civil)UTTIPEC.
15. Sh.Sudhir Kain, Asstt.Dir.(Plg.)UTTIPEC
16. Sh.A.K.Saini, Asstt.Dir.(Plg.)UTTIPEC
17. Ms. Paromita (Romi) Roy, Sr. Consultant, UTTIPEC
18. Sh.Amit Madholia, Plg.Consultant, UTTIPEC
19. Sh.Himanshu Chandra, Planning Consultant, UTTIPEC

DELHI POLICE

1. Sh.S.N.Srivastava, Jt.Commr.(Traffic).

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P.W.D.,GNCTD.

1. Sh.,A.K.Sinha, Eng.-in-Chief,
2. Sh.S.Prasad, CE
3. Sh.Vinay Kumar. CE (MZ)
4. Sh.M.C.T,Pareva Project Manager(CWG)
5. Sh.Mukesh Meena, EE

MCD

1. Sh.K.S.Mehra, Commr.
2. Sh.Ravi Das, Eng.-in-Chief.
3. Sh.Sanjay Kr.Jain, CE, MCD
4. Sh.Amiya Chandra Addl.D.C,MCD
5. Sh.Dinesh Yadav, EE
6. Sh.S.L.Bairwa, EE.

N.D.M.C

1. Sh.R.Raina, CE.
2. Sh.K.K.Jetley, EE

DIAL

1. Sh. Dileep Dixit, AGM,

D.M.R.C.

1. Sh.Vijay Anand, Director (Projects)
2. Sh.R.N.Verma,CE (PL)
3. Sh.A.S.Salunkhe, Dy. ALC

DIMTS

1. Sh.Sanjeev Sahai, MD

AAUI

1. Sh.T.K.Malhotra, President.
2. Sh.M.K.Aggarwal, Jt.Secy.

ISPC

1. Sh.Pavan Gupta

TCPO

1. Sh.M.L.Chotani, Addl. Chief Planner

CRRI

1. Sh.Subhash Chand
2. Sh.K.Sita Ram

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SRIRAM INSTITUTE FOR INDL.RESEARCH

1. Sh.R.K.Khandal,Director
2. Sh.P.K.Kaicker, Jt.Director
3. Sh.Sanjay Chattopadhyay. A.D. & Chief
4. Dr. Laxmi Rawat, A.D & Chief
5. Dr.V.K.Verma
6. Dr.A.RadhaKrishna

OTHERS

1. Sh.P.Ramesh, Wirtgen India