

No.F.1.(2)2010/Dir./UTTIPEC/25th /D-276

Dated : 23.08.2010

MINUTES OF THE 25th UTTIPEC GOVERNING BODY MEETING, HELD ON 30.7.2010 AT 10.30 A.M. UNDER THE CHAIRMANSHIP OF THE HON'BLE LT. GOVERNOR OF DELHI.

1. The Governing Body meeting of the UTTIPEC was held on 30.7.2010 at 10.30 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 a brief report on Working Group meetings & Minutes of 24th Governing Body meeting dated 25.6.2010. The list of members and participants, who attended these meetings is enclosed. A.C..(Plg.)II,DDA, welcomed Hon 'ble L.G.- Chairman, UTTIPEC; VC,DDA, Vice-Chancellor, Delhi University, Commr.(MCD) and distinguished UTTIPEC members and other participants to the 25th UTTIPEC Governing Body meeting.
2. Minutes of the 24th Governing body meeting issued on 15.7.2010 were confirmed.

3. Brief report on projects/proposals discussed in Working Group meetings:

It was explained that six Working Group meetings and one TOD Task Force Group meeting had been held after the last Governing Body meeting. Following projects/items were discussed/considered by the various Working Groups:-

a) Task Force Group on Transit Oriented Development (TOD) -held on 1.07.10

Task Force Group on TOD had discussed following 3 items:

I. Transit Oriented Development: Benefits and Inferences from Integrated Landuse-Transport Modeling Process-Case study

It was decided that the scope of work for combined modeling process would be undertaken by the Transport department, GNCTD for review & finalization by the Task Force proposals regarding increase in FAR and densities along MRTS corridor shall be worked out for existing and future development areas.

**Action-Transport Department,GNCTD,
UTTIPEC Core Team**

II. Review of Karkari Modh proposal based on the overall TOD / connectivity Principles

The proposal of Karkari Modh was reviewed as per the decision of the Governing Body dated 25.6.2010. Comprehensive proposal earlier presented in the TOD Task Force meeting on 1.7.10 was again presented in the Governing Body, which was attended by the Hon'ble Minister of Finance, GNCTD as a Spl. Invitee of Hon'ble L.G. It was explained that the proposal of Cloverleaf with all signal free movements would lead to congestion/clogging on the Vikas Marg

having huge commercial activities on both sides and also make the movement of pedestrian, NMTs difficult, TOD Task Force has recommended for conducting a fresh study as the present proposal was based on 2006-2007 traffic study when Metro was not in operation and BRT proposal was not there.

Governing Body agreed that a comprehensive solution to be worked out addressing to the movement requirement of all road users/all modes and the same to be placed before the next Governing Body. It was suggested that the present tender may be got extended by a month.

Action- UTTIPEC Core Team

III.DDA's Re-development / Re-Densification Policy :

TOD Task Force Group recommendation for taking up a pilot study for the vacant land earmarked for Group Housing around Karkardooma Metro Station was noted and agreed that the modification in the approved layout plan would be necessary to incorporate TOD based planning norms for the areas falling within the influence zone of MRTS corridor as per the MPD 2021 provision. UTTIPEC core team will work on the same in consultation with HUPW, DDA.

Action- DDA/UTTIPEC Core Team

b) WG-I-A (Integrated Urban Transport & Policy Planning, Development of Planning Guidelines) - held on 23.7.10

- i) **Street Design Guidelines – Bus/BRT Corridor, ii) Foot Over Bridge(FOB) Audit / Guidelines – Checklist** - both the proposals have been circulated to all experts and members for their comments before discussion/ finalization in the next Working Group Meeting and for final approval by the Governing Body. An independent audit of the existing FOBs to be taken up by UTTIPEC based on the check list which may also to be seen by Eng.-in.-Chiefs of PWD, MCD, NDMC before final approval by the Governing Body.

**Action: UTTIPEC Core Team/
PWD/MCD/NDMC**

ii) Cycle Feeder Service to Metro

It was explained in the meeting that the above item was presented in the WG-I-A meeting which was based on the concept of "pick from anywhere and drop anywhere". Contact less smart card, activation code on mobile alongwith refundable security deposit & re-charging facilities would be introduced for the purpose of security & smooth functioning of the system. Permission for the cycle stand has been given by DMRC for Rohini West Metro station.

Working Group recommended that this Pilot Project can be taken up in Rohini, Dwarka & Delhi University areas which was **agreed in principle** by the Governing Body. However, the modalities regarding funding & other issues to be further deliberated in consultation with the local agencies and a proposal for Pilot Project to be worked out & discussed in the WG meeting before approval of the Governing Body.

**Action- DMRC/MCD/DTC/
UTTIPEC Core Team**

c) **WG-I-C (Documentation & Data Dissemination) -held on 23.7.10**

I) **Engaging External Agency for Collection and Collation of Traffic and Road Infrastructure Data.**

- It was explained that all concerned agencies to provide linear data on a Google map which will be comparable with the GIS data of DSSDI Project of GNCTD. The data format shall be finalized with the DSSDI Project of GNCTD for uniformity of data base of the UTTIPEC.
- The identification of agency for collection of Traffic and Transportation Data may be taken up by way of inviting Expression of Interest (EOI) followed by Technical and Financial bids from the short listed agencies.
- Delhi Traffic Police to provide location based accident data preferably on Google map. It was explained by the Jt.C.P. that presently actual location of accidents on a corridor is not recorded. However, the same will be recorded in future through GPS system, being introduced by the Traffic Police for Traffic Management. This will help identify the location of accident for the purpose of retrofitting & engineering improvement required on that location.
- Regarding data concerning Delhi Cantonment Board, it was suggested that Major Gen. Manvendra Singh, Delhi Area Commander, Delhi Cantonment Board to be requested to facilitate data inputs from Delhi Cantonment Board. A letter of request to be forwarded to OSD to LG for sending to Delhi Area Commander,

Action: All Agencies/Traffic Police/WG-IC.

II) **Analytical Traffic Micro Simulation Software:**

It was noted that the checklist for Traffic Analytical Micro Simulation is to be prepared by UTTIPEC for adoption by all road owning agencies and shall be part of the submission to UTTIPEC.

Action : UTTIPEC Core Team

III) **Use of GIS data of DSSDI/GNCTD for projects under (TOD), UTTIPEC.**

It was noted that Principal Secretary, IT, GNCTD has been requested for providing a lease line to be installed in UTTIPEC. The advertisement dated 25.7.2010 for inviting EOI from the experts on GIS related Transportation Planning and GIS Project will be processed on priority after the last date i.e. 10.8.2010.

Action: - WG-IC

d) **WG- II-B (Road Capacity Building- Retrofitting of Existing Corridor (9.7.10 & 23.7.10)**

i) **Corridor Improvement Plan for the outer Ring Road from IIT Flyover to NH-8.**

- It was noted that this matter was discussed in the sub-group meeting & subsequently

in the WG meeting dated 9.7.10 & 23.7.10. The status report was submitted to the court and PWD to submit the plan. It was explained that objection of the petitioner for reduction of service road has been considered by the PWD and it has been proposed to maintain the footpath(1.5m) and service road (4.5m) at same level to make it 6 m wide with a mountable kerb for use of fire tenders in case of fire/emergency.

- PWD to examine the representation received from the Residents of Vasant Vihar & send their comments in writing within 15 days.
- PWD to prepare and submit a Comprehensive Plan for long term solution of the problem in a time bound manner

Action : PWD

ii) **Mehrauli Mahipal Pur road from Andheria Modh to NH-8**

It was explained that PWD was to submit the plan within one month of the High Court Order dated 3.6.10, which has not yet been submitted. It was decided that PWD to submit the complete plan at the earliest for consideration of the WG/Governing Body. However, PWD to submit appropriate report to Hon'ble High Court on the next date of hearing on 27.8.10.

Action : PWD

e) **WG-III-B (Regulatory Changes for Traffic Improvements)-held on 22.7.10**

It was explained that the draft report on **Modernization of Transportation System** in Delhi prepared by Transport Deptt, GNCTD and draft report on **Parking Policy** prepared by the MCD were discussed in the Working Group and copies of the report/presentation have been circulated to all members for comments within 2 weeks. The draft report will be discussed in the next WG-III-B meeting before consideration by the Governing Body.

Action: WG-III B/Transport Deptt./MCD

f) **WG-V (Quality Assurance/Audit)- held on 21.7.10**

i) **Existing Subways and FOBs**

It was explained and noted that final Action taken report on existing subways and FOBs to be submitted by MCD within a month.

Action : MCD

ii) **Quality Audit Report of Barakhamba Road for NDMC/DMRC**

DMRC was to borne the cost of re-laying of the Barakhamba Road as per earlier decision of the Governing Body. However, DMRC has not made any payment. It was decided that a letter will be sent to the Chairman DMRC/Secy.(UD) by the Hon'ble L.G. for release of payment for the purpose of re-laying of this road by NDMC as per the world class standard.

Action : DMRC/NDMC

iii) Work Zone Management

- It was explained that WG-V initiated the process of working out a Work Zone Management Guidelines addressing to the issues of safety and convenience of all road users considering the present chaotic & unsafe situation on various work zone areas reported very frequently in the press. A sub-group has been formed to comprehensively collect all the related informations /data and prepare a checklist for an audit of the work zone areas, before preparing a draft guideline.
- It was decided that guideline must address the quality aspect of the system and the sequence of execution work by various agencies & coordination aspect related with it. Special service duct in all underground services to be provided based on a comprehensive plan for the purpose of execution of the project and also for future repairing of these service lines.
- CRRRI Work Zone Guidelines to be referred & appropriately incorporated.
- Construction quality of roads in the city to be of world class standard with at least 10 years life period.

Action : WG-V

4. Presentation of projects:

I) **Road Development Plan for 45 mt. ROW approach road from Mehrauli Mahipalpur and Nelson Mandela Road towards DDA Mega Housing Scheme.**

The above proposal of road development plan of approach road to Mega Housing Scheme connecting Mehrauli Mahipalpur and Nelson Mandela Road prepared by the UTTIPEC Core Team was discussed & recommended by the WG-II-B meeting dated 23.7.10. This road is being taken up by DDA as part of Common Wealth Games projects to provide access to DDAs Mega Housing Scheme.

Proposal

- i) As per the Zonal Development plan of Zone J, a 60 m. R/W is proposed. However, it is proposed to consider the R/W of this road as 45 m. as per the available R/W between existing DDA Group Housing on both sides of this road from Mehrauli Mahipal pur road intersection up to Mega housing.
- ii) A plan has been prepared for 45 m R/W road with following salient features:
 - a) 11 mt. carriage way on either side of the 1.2 mt. central verge accommodating two MV lane (motor vehicular lane) and one bus lane.
 - b) 2.6 mt. NMT lane, 2 mt. footpath, 6.3 mt. service road on both sides.
 - c) Suitable pedestrian crossing with dedicated cycle lane at the intersections.

- d) 1st Phase of the proposal is to develop central verge, carriage way & NMT lanes on both sides, service road on one side and other side (along Pkt. D-6) to be kept as 'green'.

Decision

As per the recommendation of WG-II-B, the Governing Body **approved** the proposal with the observation that the plantation plan showing the types of trees, number of trees with distance from one tree to other to be shown on the plan and the trees like jamun, neem, peepal be considered for plantation along this road.

Action: DDA

II) Detailed alignment plan for widening of Patparganj Road from ROB-36 to NH-24

- i) The proposal of widening of this road was considered in the Governing Body meeting held on 24.7.2009 and the conceptual proposal was approved with some observation.
- ii) The detail modified proposal was discussed in the WG-IIB meeting held on 6.4.2010.
- iii) As per the request from MCD, UTTIPEC core team prepared a comprehensive alignment plan of 30 mt. R/W road from Road No.36 to NH-24 incorporating the provisions made in the Pedestrian Guidelines and based on the existing modal split.
- iv) The proposal was finally discussed & recommended by the WG-II-B meeting dated 23.7.10

Proposal:

- a) A 9 mt. carriageway on either side of median of 0.3 mt. to accommodate 2 Motor Vehicle lane (MV lane) and one bus lane with bus boxes, with 2.0 mt. MUZ. along the main C/W on either sides of the road. The bus shelters are proposed on the 2.0m Multi Utility Zone(MUZ).
- b) A 2.5 mt. foot path & 1 mt dead zone along the property towards Pandav Nagar side and 1.8m footpath and 2.5m NMT lane towards Mother Dairy side for safe pedestrian movement.
- c) The junctions/ inter- sections have been designed keeping in view the traffic calming measures and suitable pedestrian movement.
- d) Provisions for Rickshaw stand/ Auto rickshaw stand, drop off & pick up facilities for Auto Rickshaw have been incorporated in the design
- e) Synchronized signal system on the proposed three junctions/ inter-sections to take care of smooth traffic and safe pedestrian movement . MCD to take up the provision of

synchronized signal system on the 3 signalized junctions in consultation with Delhi Traffic Police.

- f) A proposed road under bridge connecting the 2 existing road along the ROB 36 to form a two way loop road to serve as a connectivity between the existing colonies on either sides of the Patparganj Road.
- g) A verge proposed by Traffic Police on the slip road from NH-24 on to Patparganj Road to segregate the traffic on both sides, which is to be taken up by PWD.

The above proposal as recommended by the WG-II-B in its meeting dated 23.7.10 was approved by the Governing Body .

Action: MCD/PWD

III) Traffic Management Plan for Delhi University Campus.

- i) The Traffic management plan for Delhi University Campus prepared by EIL was discussed in WG III-A meeting held on 19.05.09.
- ii) Governing Body had approved in principle with some observations as per the recommendation of the Working Group.
- iii) After examination of the proposal, Special Commr. of Police (Traffic), Sh. Ajay Chadha, made a power point presentation at Raj Niwas on 06.05.10, on the suggested traffic circulation plan for the North campus.
- iv) In pursuance of the decision taken in the meeting, the circulation plan for North Campus was uploaded on the Delhi University website in the 2nd week of May and published in the Hindustan Times & Hindustan Newspaper on 24.05.10. 7 objections were received & scrutinized by the University
- v) University Engineer submitted the traffic management plan on 18.6.10.
- vi) The proposal was examined and the modified proposal was presented in the meeting by UTTIPEC core team

Proposal

- i) The circulation pattern of the Delhi University Complex would be primarily a one way system on Chhatra Marg, Vishwavidyalay Marg, GTB road, Sudhir Bose Marg (Part)
- ii) Two way system on Vijay Nagar Marg, Sudhir Base Marg(Part).
- iii) No median separators are to be provided. The two way movement can be regulated through blinking studs as per the road marking guidelines.
- iv) The NMV lanes proposed in the circulation plan shall be made two way with a minimum width of 3 mt.
- v) The radius of curvature at all junctions/intersections be made between 3 mt. - 5mt with the provision of space with mountable kerb and increased radius of curvature to accommodate turning of emergency/large vehicles.

- vi) Storm Water drainage layout as per existing/modified network at site to be executed by MCD.
- vii) Provision of signal system shall be as per the Traffic Police requirements.
- viii) Trees to be planted are alstonia, neem & amaltas.
- ix) Kerb height of 200 mm (instead of 150 mm as per street design standard checklist) is maintained because of existing drain.
- x) Cavalry lane & G.C. Narang Marg are local streets having average width of about 12.0 M. The average width of footpath on one side is 3.5m and on other side is 0.75m for electric pole. Hence, footpath on the other side may not be required.
- xi) Separate tree/plantation plan to be taken up by the forest department.
- xii) At any signalized junction where table top crossing can not be provided, the use of kerb cut ramp shall be provided.

Observations:

1. Traffic Marshals to be engaged for regulating the proposed system with LED display of the timings for one way/two way movement of traffic.
2. Plantation in Central verge to be taken up by MCD
3. Sick trees are to be removed from the footpath for uninterrupted flow of pedestrian/NMT traffic
4. Encroachment within the R/W to be removed by the local body/MCD. The land acquisition issues to be taken up with L & DO by the University Authority
5. Space for tree guards are to be provided as per the pedestrian guidelines and if not provided, the same should be identified and either to be deducted from the contractor's bill or to be rectified by them. A joint inspection will be made by Dr.Khandal, Director-SRIIR, Delhi/ alongwith Eng-in-Chief-MCD to assess the situation/identify trees on Chhattra Marg.
6. Eng-in-Chief –MCD in consultation with University Authorities shall identify some space to be designated as parking area before the Traffic Police takes action against the parking on the main roads. The unauthorized parking on the main roads to be discouraged.
7. The cycle rental service earlier explained in the meeting, as agreed by the Vice-Chancellor, Delhi University, to be taken up as a Pilot scheme in the university area.

Decision

The modified plan was **approved** by the Governing Body with the above observations and direction that Traffic Police will notify the proposed Traffic Management System Plan which will be operational for 3 months & then referred to UTTIPEC before final notification.

Action: Traffic Police

5. **Any Other Item:**

I) Urban Street Renewal Projects in Shahjahanabad- S.P.Mukherji Marg-MCD

The Street Scaping Project from Pilli Kothi Junction to Ring Road T-point(2km) was presented by Shri Pradeep Sachdeva, Consultant of MCD. It was explained that the segregated spaces have been proposed for MV lanes NMV lanes and footpath in the Street Scape Plan. The street scaping work has already been completed from Ring Road to Netaji Subhash Marg and a video presentation of the traffic movement of this stretch of road was made to show smooth movement traffic on this road .

Commr. MCD also explained that the traffic condition has improved considerably and there is smooth flow of traffic on this road due to segregated provisions . He further explained that the street scape work under construction in front of Railway Station (i.e. from Netaji Subhash Marg to Pilli Kothi) will further improve the traffic flow on the entire stretch of this road being taken up by MCD as a Pilot Project. It was mentioned that pedestrian/street design guidelines of the UTTIPEC has been primarily followed while designing the street.

Observation

- The Traffic Police observed that the success of this project would depend on the ability to restrict the pedestrian/NMV on the designated lane reserved for them for smooth flow of traffic. MCD agreed to engage Marshals to ensure the movement of NMV/pedestrians within the designated space
- MCD explained that the congestion in front of Railway Station after the completion of the street scape project may remain due to the bus parking on the carriage way in front of the Railway Station. The matter has been taken up with the Railway Authorities to provide bus parking facilities within the station area complex
- Eng.in-Chief-MCD clarified that the 3rd party audit for the already constructed road between Ring Road & Netaji Subhash Marg has been done by CRRRI & materials have been tested by SRIIR.

Decision

Governing Body **approved** the proposal with the following observations:

1. MCD will engage the Marshals to help the Traffic Police for managing the NMV/pedestrian traffic on this stretch of the S.P.Mukherjee road.
2. CE(Northern Railways), member of the Governing Body to be requested to attend the Governing Body meetings regularly.
3. A D.O. letter from the Hon'ble L.G. Delhi addressed to the Chairman, Railway Board to be sent for bus parking within the Railway premises.
4. MCD will submit the Street Scape Plans to UTTIPEC for reference/record.

**Action: MCD, Traffic Police,
Northern Railway**

6. It was decided that the next meeting of Governing Body of the UTTIPEC be held on **Friday, 27th August 2010 at 10.30 A.M.**

The meeting ended with thanks to the chair.



(Ashok Bhattacharjee)
Director (Plg.)/Incharge
Member Secretary, UTTIPEC

To:

All present/ members/ concerned

DELHI DEVELOPMENT AUTHORITY
UTTIPEC, 2nd FLOOR: VIKAS MINAR
New Delhi: Phone No.23379042

25th meeting of Unified Traffic & Transportation Infrastructure (Plg. & Engg.)Centre, UTTIPEC, held under the Chairmanship of Hon'ble L.G., Delhi on dated.30.7 .2010 (Friday) at 10.30 A.M., at 5th Floor, Conference, Hall, Vikas Minar, New Delhi.

ATTENDANCE SHEET
Department wise members & Participants.

L.G.Office:

1. Sh. Tejender Khanna, Hon'ble L.G., Delhi
2. Sh. Ranjan Mukherjee, OSD to L.G.

Govt. of NCT, DELHI

1. Dr.Ashok Kumar Walia, Minister of Finance

DELHI DEVELOPMENT AUTHORITY

- 1 Sh. Ashok Kumar, VC.
- 2 Sh. A. K. Bajaj, E.M.
- 3 Sh.Deepak Trivedi, Pr. Commr, (System
- 4 Sh. Ashok Kumar, Commr.(Plg.)
- 5 Sh. B.K.Jain, Addl.Commr.(Plg.)II.
- 6 Sh. A.K.Sarin, Advisor,
- 7 Sh. Ashok Bhattacharjee,Director(Plg.),Incharge,UTTIPEC
- 8 Sh. Sabyasachi Das, Jt.Dir.(Plg.) UTTIPEC
- 9 Sh. P.K.Behera, Jt.Dir.(Plg.)UTTIPEC.
- 10 Sh. S.K.Bhatia, Project Manager(Flyover)
- 11 Mrs .Manju Paul.Dy.Dir.(Plg.), VC Office
- 12 Sh.N.R.Aravind, D.D.(Plg.)UTTIPEC.
- 13 Sh. Sudhir Kain, A.D.(UTTIPEC)
- 14 Sh. A.K.Saini, A.D.(UTTIPEC).
- 15 Ms. Paromita Roy, Sr. Consultant, UTTIPEC.
- 16 Ms. Mriganka Saxena, Sr. Consultant, UTTIPEC
- 17 Sh. Amit Madholia, Plg.Consultant, UTTIPEC.
- 18 Sh. Vaibhav Gupta, Plg.Consultant, UTTIPEC
- 19 Sh. Charanjeet Arora, Plg. Asstt.UTTIPEC
- 20 Sh. Anand Kumar, Plg. Asstt.UTTIPEC
- 21 Sh. A.C..Jain, AE (Civil) UTTIPEC.
- 22 Sh.Jagmal Sharma, AE(Civil)UTTIPEC

DELHI POLICE

1. Sh. Satyendra Garg, Jt.Commr.(Traffic).

P.W.D.,GNCTD.

1. Sh. K. K. Sharma, Pr. Secy.,
2. Sh. Rakesh Misra, Eng.-in-Chief.
3. Sh. A.K.Sinha, Pr.CE

MCD

1. Sh.Ravi Das, Eng.-in-Chief
2. Sh. K.S.Mehra, Commr
3. Sh.Devender Kumar, CE

4. Sh.Sanjay Kumar
5. Sh.Dalbir Singh, CE
6. Sh.Umesh Sachdeva, CE
7. Sh.Manish Rastogi, SE
8. Sh. Naurang Singh,SE(P-IV)
9. Sh. Brajesh Kumar, EE (Plg.), MCD.
10. Sh.M Singh, EE
11. Ms.R.Malhotra, Arechitect
12. Sh.Pradeep Sachdeva, Consultant

N.D.M.C

1. Sh. Sushil Dwivedi, SE

DIMTS

1. Ms.Vaishali Gijre., Sr.Manager(Transport Plg)

AAUI

1. Sh.N.K.Aggarwal,Jt.Secy.
2. Dr.Veni Mathur,Member M.C.

ISPC

1. Sh. Pavan Gupta, Consultant

DMRC

1. Sh.R.N.Verma, CE
2. Mrs.Tripta Khurana, Chief Architect

TCPO

1. Sh.R.Srinivas, Town & Country Planner

CRRI

1. Sh.Subhash Chand, Sr.Scientist.

Delhi University

1. Prof.Deepak Pental, Vice-chancellor,
2. Sh.Anupam Srivastava, University Engineer
3. Prof.Gurmeet Singh, Proctor.

IRC

1. Sh.S.Varshney, Addl.Tech.

SRIIR

1. Sh.R.K.Khandal,Director(SRIIR)
2. Dr.V.K.Verma, Jt.Dir.
3. Dr.P.K.Kaickar, Jt.Dir.

OTHERS

1. Sh.Mangla Chandran, Editor, Traffic Infra Tech. Magazine
2. Sh.Jayaraman Nair, Chairman, VIS, Traffic Infra Com.
3. Sh.Saneev Garg, Dir.Delhi Cycle Pvt.Ltd.
4. Sh.Atul Jain, Dir., Delhi Cycle Pvt.Ltd.