



राष्ट्रीय राजधानी क्षेत्र योजना बोर्ड
NATIONAL CAPITAL REGION PLANNING BOARD

प्रथम तल, कोर-4बी / 1st Floor, Core-4B,
भारत पर्यावास केन्द्र / India Habitat Centre,
लोधी रोड, नई दिल्ली-110003 / Lodhi Road, New Delhi-110003
आवासन और शहरी कार्य मंत्रालय / Ministry of Housing and Urban Affairs
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File No. Y-13/14/2020-E 9100134

Dated: 04.03.2024

Sub.: Minutes of the meeting of Committee of Transport Secretaries/Commissioners (CoTS) held on 29.02.2024 at 10.30 AM under the Chairpersonship of Member Secretary, NCR Planning Board in the Jacaranda Hall, India Habitat Centre, New Delhi.

A meeting of Committee of Transport Secretaries/Commissioners (CoTS) held on 29.02.2024 at 10.30 AM under the Chairpersonship of Member Secretary, NCR Planning Board in the Jacaranda Hall, India Habitat Centre, New Delhi.

2. Minutes of the aforesaid meeting are enclosed for information and necessary action.


(Abhijeet Samanta)
Deputy Director (Tech)

Encl.: as above.

To

Members:

1. **Principal Secretary**, Transport Department, Government of Haryana, 2nd Floor, 30 Bays Building, Sector-17B, Chandigarh-160017 (acs.transport-hry@gov.in)
2. **Principal Secretary**, Transport Department, Sachivalaya, Vidhan Sabha Marg, Lucknow-226001 (pstup2016@gmail.com)
3. **Principal Secretary-cum-Commissioner**, Transport Department, Government of NCT-Delhi, 5/9, Under Hill Road, Delhi-110054 (commtpt@nic.in)
4. **Principal Secretary**, Transport Department, Parivahan Bhawan, Shakar Marg, 22, Godam Circle, Jaipur-302005 (acs-home@rajasthan.gov.in)
5. **Director (MRTS-I)**, Ministry of Housing and Urban Affairs, Government of India, Nirman Bhawan, New Delhi. (yogesh.antil@gov.in)

Special Invitee:

6. **Additional Secretary (D)**, Ministry of Housing and Urban Affairs, Room No. 125-C, Nirman Bhawan, New Delhi. as.delhi@gov.in
7. **Nominee of Secretary**, Road Safety & EAP, Ministry of Road Transport & Highways, Transport Bhavan, R.No.237, 1, Parliament Street New Delhi-110001 (secy-road@nic.in)
8. **Vice Chairman**, Delhi Development Authority, Vikas Sadan, INA, New Delhi-110023 (vcdda@dda.org.in 24697900,24699479)
9. **Nominee of Chairman**, National Highways Authority of India (NHAI), G 5&6, Sector-10, Dwarka-75, email: chairman@nhai.org 25076503, 25093605 (F).
10. **Nominee of Chairman**, Railway Board, Indian Railways, Room No. 258, Rail Bhavan, New Delhi.
11. **Executive Director (Planning)**, Railway Board, Indian Railways, Room No. 258, Rail Bhavan, New Delhi. m.gangeya@gov.in
12. **Director**, Ministry of Petroleum & Natural Gas Shastri Bhavan, New Delhi – 110001. (js.mkt-png@gov.in)

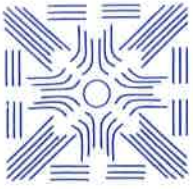
13. **Joint Secretary**, Ministry of Heavy Industries, Udyog Bhawan, New Delhi-110001 (fame.india@gov.in) (jsauto@gov.in)
14. **Nominee of Managing Director**, DMRC Ltd., Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi – 110001 (mdmetro@dmrc.org).
15. **Nominee of Managing Director**, National Capital Region Transport Corporation, 7/6, AMDA Building, Siri Fort Institutional Area, August Kranti Marg, New Delhi-110049 (md.office@nrtc.in)
16. **Nominee of Managing Director**, Noida Metro Rail Corporation Ltd, Block-III, 3rd Floor, Ganga Shopping Complex, Sector-29, Noida 201301 (md@nmrcnoida.com)
17. **General Manager**, Marketing (Retail), North, Bharat Petroleum Corporation Limited. (guptasan@bharatpetroleum.in).
18. **Director**, Road Safety & EAP, Ministry of Road Transport & Highways, Transport Bhavan, R.No.237, 1, Parliament Street New Delhi-110001 (gaurav.gupta@gov.in)
19. **Chief Executive Officer**, Gurgaon Metropolitan Development Authority (GMDA), Plot No. 3, Sector 44, Near HUDA City Centre Metro Station, Gurugram, Haryana, Pin: 122003 (ceo.gmda@gov.in)
20. **Nominee of Chairman & Managing Director**, RITES Limited, Shikhar, Plot No.01, Sector 29, Gurugram, Haryana, India-122001 (cmd@rites.com).
21. **Addl. Commissioner (Planning)**, UTTIPEC, 5th Floor, Vikas Minar, New Delhi- 110002. {email: acplguttipecgisdda@gmail.com }

NCR Planning & Monitoring Cells:

22. **Commissioner**, NCR Planning and Monitoring Cell (UP), Town & Country Planning Deptt., Commercial Building, II Floor, Navyug Market, Ghaziabad-201001, U.P (ncrcellup@gmail.com)
23. **Director General**, Town & Country Planning Haryana, 2nd Floor, Block A, Nagar Yojna Bhawan, Plot No. 3, Sector 18A, Madhya Marg, Chandigarh-160018. (tcpharyana7@gmail.com)
24. **Special Secretary-I (UD)**, Urban Development Department, 9th Floor, C-Wing, Delhi Sachivalaya, I.P. Estate, New Delhi-110002. (ncrpmud@gmail.com)
25. **Addl. Commissioner**, NCR Planning and Monitoring Cell (UP), Town & Country Planning Deptt., Commercial Building, II Floor, Navyug Market, Ghaziabad-201001, U.P. (ncrcellup@gmail.com)
26. **Chief Coordinator Planner**, NCR Planning and Monitoring Cell (UP), Town & Country Planning Deptt., Commercial Building, II Floor, Navyug Market, Ghaziabad-201001, U.P. (ncrcellup@gmail.com)
27. **Chief Coordinator Planner**, NCR Planning and Monitoring Cell, Govt. of Haryana, Department of T&CP, Plot No. 3, Sector 18 A, Madhya Marg, Chandigarh-160018 (tcpharyana7@gmail.com, ccpnrc-tcp@haryana.gov.in)
28. **Chief Town Planner (NCR)**, Town & Country Planning Deptt., Govt.of Rajasthan, Nagar Niyojan Bhawan, JLN Marg, Jaipur, Near Birla Temple, Rajasthan-302001 (ctp-rj@nic.in, ncrsrp@gmail.com)
29. **Director**, NCR Planning and Monitoring Cell, Delhi Urban Development Department, Govt. of NCT Delhi, IInd Floor, MLA Lounge, Delhi Secretariat, I.P. Estate, New Delhi-110002 (premananda.prusty@nic.in)

Copy for kind information to:

30. **PS to Member Secretary**, NCR Planning Board.
31. **PA to Chief Regional Planner**, NCR Planning Board.
32. **PA to Director (A&F)**, NCR Planning Board.



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MINUTES OF THE COMMITTEE OF TRANSPORT SECRETARIES/ COMMISSIONERS (COTS) MEETING HELD UNDER THE CHAIRPERSONSHIP OF MEMBER SECRETARY, NCR PLANNING BOARD ON 29.02.2024 AT 10.30AM IN JACARANDA HALL, INDIA HABITAT CENTRE, NEW DELHI.

List of participants is at **Annexure-I**.

Member Secretary, NCRPB and Chairperson, CoTS welcomed the participants, Chief Regional Planner, NCRPB briefed about the key agenda point through a short presentation. Brief of discussions and decisions made thereof, are as presented below:

AGENDA ITEM NO.1: Confirmation of Minutes of last CoTS Meeting held on 09.11.2023.

1. The Committee noted that no comments have been received on the Minutes of its meeting held on 09.11.2023. Accordingly, **the Minutes of the CoTS meeting held on 09.11.2023 were confirmed.**

AGENDA ITEM NO. 2: Action Taken on Decisions of last CoTS Meeting held on 09.11.2023.

2. Committee noted the status and was further apprised that the aspects were being discussed in detail as separate agenda items.

AGENDA ITEM NO.3: Regional Connectivity Issues

3. **Issues related to Interstate connectivity road/linkages in NCR.**

Road links related to Interstate connectivity road/linkages in NCR were taken up for discussion thereafter through a short presentation and Link-wise decisions are as below:

I. UER-I, Delhi to Khekra City till NH-57 and UER-II, Delhi to Tronica City till NH-57 in Uttar Pradesh

- 3.1 With regards to work on UER-II, representative from NHA updated that while out of 5 packages Package III has been completed, all other packages were expected to be completed by August 2024.
- 3.2 Regarding UER-I and III, it was suggested that earlier decisions on the matter be looked into by NCR cell, Delhi and updates be taken from concerned agencies.

Decision:

- i) *The Committee requested NHA, to ensure timely completion of the works .*

(Action: NHA)

- ii) *NCR P&MC, Delhi may refer earlier decisions (09.11.2023) on the matter and follow up after taking updates from concerned agencies.*

(Action: DDA/UTTIPEC)

II. Road from Ring Road (Inder Lok Metro Station) & existing Yamuna Canal Link Road up to Haryana Border

3.3 NCR Cell Haryana was requested to take up the matter at the highest level as matter was already taken up at the Chief Secretary level, and issue/confusion on DPR preparation and road construction be resolved.

- i. *NCR Cell, Haryana directed to hold a necessary meeting again with concerned departments in Haryana regarding DPR preparation and project funding and update this office.*
- ii. *As per decision of the earlier meeting, matter be brought to kind notice of Chief Secretary, Haryana, again to resolve the matter.*

(Action: NCR Cell, Haryana and PWD (B&R), Haryana)

III. Upgrading Gwal Pahari Mandi Gadaipur- Jaunpur road up to Andheria Mor in Delhi

- 3.4 It was recalled from earlier meeting discussion that while it was informed that the total length of stretch was about 8.8 km and the cost estimates had been prepared and submitted. However, ground survey and alignment were yet to be finalized. In principal approval of cost was still be also required from the competent authority.
- 3.5 Spl. Secy., Urban Development (GNCTD) reminded that the land cost would be more than construction cost of this stretch.
- 3.6 UTTIPEC representative informed that project was brought by PWD, Delhi and that project funding under UDF of MoHUA was contemplated for construction.

Decision:

Special Secretary, UD, GNCTD was requested to take up the matter by bringing to kind notice of Hon'ble LG Office alongside PS, PWD, Delhi and may take up matter again to UTTIPEC for complete funding, including land acquisition. The matter be expedited with frequent follow ups and meetings.

(Action: UD, GNCTD, PWD-Delhi)

IV. Kalindi By-pass Road from Ashram Chowk, Delhi to Faridabad By-pass:

- 3.7 Representative from NHAI apprised that complete work was expected to be completed by December 2024.

Decision:

Committee noted the status.

(Action: NHAI)

V. Elevated road along Shahdara drain-alignment form Chilla Regulator (near Mayur Vihar), Sector-14A to MP-3 road (Mahamaya Flyover) in Noida.

- 3.8 Representative from UP updated the committee on the matter informing that Tender process was complete and work was ready to be awarded soon. Works shall involve 50% funding by UP Bridge corporation via Gati Shakti) and 50% funding from NOIDA.

Decision:

Committee noted the status.

(Action: NCR, Cell, UP; NOIDA)

VI. 80 m Dwarka Link in Zonal Plan K-II connecting Gurgaon (through NPR having a width of 150m with 30 m wide green belt)

- 3.9 Representative from NHAI reiterated that work of Dwarka Expressway Packages has been awarded in 4 packages. Package I & Package II were likely to be completed by August, 2024. Package III and IV were likely to be completed by March, 2024 (except Airport T-3 Tunnel connectivity).

Decision:

Committee noted the status.

(Action: NHAI)

VII. 75 m wide road link connecting Gurgaon area with Najafgarh road

- 3.10 Representative from PWD, Delhi informed that land acquisition estimates were awaited from DM office. It was recalled that as per last minutes and discussions on the link, it was informed that survey had been completed and as per preliminary reports about 25-acre land acquisition was involved. Chairperson expressed displeasure on the delay and requested both Delhi and Haryana NCR PMCs to coordinate and expedite the matters as discussed.

Decision:

The Committee advised Delhi and Haryana to work jointly and expedite the matter regarding preparation of complete proposal of the proposed missing link in the 75m wide road link connecting Gurgaon area with Najafgarh Road taking into account all issues like service lane provision, traffic etc. including construction and land acquisition costs.

(Action: GMDA and PWD, Delhi; NCR Cell, Delhi and Haryana)

VIII. Bridge connecting Sector 168 & 167-A, Noida with Lalpur Village, Faridabad

- 3.11 CCP, NCR Cell, Haryana informed that DPR consultant had been appointed last week. Govt. of Haryana has granted the approval of funding for Construction of approach road of Yamuna towards Haryana side and shall be carried out by Haryana PWD (B&R) and all costs in this regard shall be borne by Haryana Govt.
- 3.12 The construction of approach road of Yamuna towards UP side shall be carried out by NOIDA Authority and all costs in this regard shall be borne by NOIDA authority.

Decision:

Committee noted the status.

(Action: PWD(B&R); NCR Cell, Haryana, GoUP; FMDA; NOIDA)

IX. Bridge Over Yamuna between Chhaprauli and Hathwala (Village Panipat, Haryana)

- 3.13 Representative from NCR Cell, updated that as per PWD, UP the project was complete and ready for inauguration, which was scheduled for 07.03.2024.

Decision:

The Committee appreciated the efforts and noted the status. It was agreed that the link could now be dropped from interstate road link issues.

(Action: PWD, UP; NCR Cell, UP)

4. AGENDA ITEM NO.4: Trauma care Network in NCR

- 4.1 Representative from NCR Cell, Delhi gave a detailed presentation on the analysis done, which was appreciated by the participants. It was informed that the work and recommendations were being shared with DGHS for vetting and way forward. Similarly, NCR Cell representatives from Haryana and Uttar Pradesh also updated their status. Representatives from Rajasthan were requested to discuss the matter with CRP, NCRPB after the meeting. Further, the Committee noted the status and after discussions and deliberations, following was decided:

Decision:

- i. Delhi may initiate the level 2 gap analysis with GoI guidelines and also see the situation considering 5km distance.*
- ii. Haryana may discuss with transport department regarding 50km distance being suggested by Health Dept instead of earlier agreed 20km distance matter. The high road accident fatalities may be also kept in mind.*
- iii. UP may work on profiling and gap analysis*
- iv. NHAI was requested to compile and share the list of helipads existing/proposed/in pipeline along the NH and expressways in NCR, and the efforts being made with Civil Aviation, on the matter with NCRPB within 15 days*

(Action: NCR P&M Cells of Delhi, UP, Haryana, Rajasthan and NHAI)

5. AGENDA ITEM NO. 5: Ease of Connectivity/ Optimisation of EMU s/MEMU Services in NCR

- 5.1 Committee was briefed that subsequent to last discussions on the matter, a meeting titled 'Ease of Connectivity in NCR amongst metro/RRTS/rails etc. was held on 17.11.2023. Committee



was apprised about the key discussions and decisions made, which included, Efforts to be made to improve interconnectivity of RRTS and metro station at Ghaziabad Bus adda; NCMC implementation status; action on Missing links of MRTS identified through inhouse NCRPB; Integration of aqua line and blue line integration prospects at sec 51/52, Noida;

- 5.2 Discussing the level of station wise integration with other transport modes and gaps in passenger facilities/services at each station, representatives from NCRTC and DMRC, briefed about the actions being taken by them. They were advised to formally submit the actions taken/in pipeline etc. on the matter.
- 5.3 The integration issue w.r.t Sector 62 Noida station and NCRTC station was earlier highlighted by NCR Cell UP. DMRC and NCRTC had agreed to proceed as per DMRC advise.
- 5.4 DMRC was also requested to work on developing the alternate route connecting Tughlaqabad station with Noida sector 142 of NMRC, after deliberations ion the matter.
- 5.5 A detailed presentation was made by NCRPB team on the 'Seam Less Integration with Public Transportation in NCR', which was duly appreciated by the members and participants. As discussed in the meeting, the findings of the local trains in NCR have been shared with the Minutes of Meeting with all the participants. Further, NCRPB will map the stations of Indian Railways that are located in the vicinity of DMRC and RRTS stations.
- 5.6 Major findings of the analysis done were being shared alongwith the Minutes of the meeting (refer Annexure II)

Decision:

- i) *Stakeholders may share and convey if any issues were being faced with NCMC*
 - ii) *NCRTC and DMRC to formally submit the action taken/being taken/proposed to be taken to improve and facilitate better station wise integration with other transport modes and gaps in passenger facilities/services at each station.*
 - iii) *DMRC requested to work on developing the alternate route connecting Tughlaqabad station with Noida sector 142 of NMRC.*
 - iv) *DMRC may also look into serving the unserved areas in Delhi e.g. extension of Shiv Vihar line up north on Saharanpur Road*
 - v) *EMU, MEMU, DMU services can be looked into with proper planning to act as feeders to metro, RRTS etc. and to also optimise utilization.*
6. **AGENDA ITEM NO.6: Status of Electric Vehicle Charging Stations in NCR**
- 6.1 It was informed that subsequent to EVCS infrastructure discussion and review in the CoTS meeting held on 09.11.2023, there were 05 Subsequent follow up meetings held on: 29.11.23, 14.12.23, 21.12.23, 12.01.24 and 30.01.24, respectively.
 - 6.2 OMCs gave a short presentation covering the status and progress made thus far on the aspect of EVCS in NCR.



6.3 Purchase Order status (POs): OMC informed that POs had been issued by all three i.e IOC, HPCL and BPCL.

6.4 PESO: PESO approvals were informed to be almost complete.

6.5 Power Connections:

6.5.1 With respect to Haryana, it was updated that while hearing was complete on 8th Feb 2024, the order was yet to be delivered.

6.5.2 Rajasthan: Order delivered w.r.t JVVNL which covered most of subregion. The aspect of monthly rental payment against onetime payment was being worked on by JVVNL and OMCs.

6.5.3 Delhi: OMCs indicated that issues were being faced in Delhi regarding rejections. Delhi Transco representative briefed about the status and assured that issues will be relooked.

After detailed deliberations, following was decided:

Decision:

i) NCR Cell Delhi may look into the electricity connection issues for EVCS in Delhi and get it resolved with the Delhi Transco Ltd.

ii) NCR Cell Haryana may pursue to expedite the pending decision at HERC.

iii) OMCs may strive to put all EVCS infrastructure fully in place at the earliest.

7. AGENDA ITEM NO.7: Status of Implementation of Interchanges on Expressways/Highways in NCR.

7.1.1 The Committee recalled about the proposed interchanges and locations which are found to have potential to implement as grade separated interchanges, which could be implemented by the implementing agencies. Accordingly, matter has been deliberated and discussed. Further, it was noted that action on interchange at Noida International University and Interchange on Palwal-Aligarh Road near Jattari (construction of new interchange at km 126.137 of EPE, Junction with Eastern Peripheral Expressway and Palwal-Aligarh Road-SH22A in District Palwal) is in process

Decision:

Committee noted the status and suggested that the status of both interchanges (at Noida International University and Interchange on Palwal-Aligarh Road near Jattari) will be submitted by NHAI in writing to NCRPB.

(Action: NHAI)

8. AGENDA ITEM NO.8: Status of Implementation of Bypasses in NCR.



- 8.1.1 The Committee recalled about the proposed interchanges and locations which are found to have potential to have Bypasses, which could be implemented by the implementing agencies. Accordingly, matter has been deliberated and discussed.
- 8.1.2 NCR Cells updated about the towns with 1 lac plus population as per 2011 census and bypass being planned/already planned in the respective master plans.
- 8.1.3 NCR Cell Haryana informed they had 11 Towns namely; Rohtak, Bahadurgarh, Panipat, Sonipat, Gurugram, Rewari, Karnal, Jind, Faridabad, Bhiwani & Palwal. It was mentioned that in some towns, instead of bypass, the term 'periphery road' has been adopted. Among these towns, the Development Plans for seven towns stands published for the perspective year 2031/2041 and the necessary action for construction of periphery road/bypass will be taken in due course of time.
- 8.1.4 CCP, NCR Cell, UP informed that in UP Sub-Region, master plans for nine towns have been prepared and have proposed the bypasses. Bypasses surrounding Shamli and Muzzafarnagar towns are being under development. Greater Noida and Noida already have the bypasses developed. Meerut, had partial development of bypass, done.
- 8.1.5 The Chair insisted that focus needs to be on having the bypasses on ground around the towns in an expeditious manner.

Decision:

- i) NCR Cells from UP, Rajasthan and Haryana to formally submit the analysis done by them w.r.t Bypasses for 1 lac plus towns in respective regions, and*
- ii) States to focus on having the bypasses on ground around the towns in an expeditious manner*

(Action: NCR-PMCs, Uttar Pradesh and Haryana)

9. AGENDA ITEM NO.9: Status of Implementation of Missing Links in NCR.

- 9.1.1 The Committee recalled that under its efforts to work towards seamless movement of inter-state traffic and relief in congestion on roads, to minimize trip length, reduction in pollution level and reduction in traffic congestion in NCR, an assessment had been done by NCRPB by utilising Google earth application. During assessment, some missing road links found suitable for development/improvement/ strengthening of existing link road and taken up on priority for implementation in NCR.
- 9.1.2 NCRPB had requested to NCR Cells to submit an updated status of action taken report. Subsequently, missing links reviewed in CoTS meeting (06.09.2023) wherein Committee requested NHAI, NCR-PMCs and respective PWD Departments to verify shared missing links; add more missing links, if required and then submit action taken report to NCRPB.
- 9.1.3 CCP, NCR Cell, Haryana submitted that PWD(B&R), vide email dated 27.02.2024 had forwarded summary of missing road links in NCR. They had requested, Chief Engineer (NH), PWD(B&R), Haryana to send the district map/State map indicating missing road links.

- 9.1.4 It was informed that NHAI had called a meeting in this regard, but all states could not participate. Meanwhile PWD, Haryana and NCR Cell, UP had identified and shared its information with NHAI.
- 9.1.5 Chairperson advised NHAI to help NCR Cell, Rajasthan for developing links and improving connectivity for Sarishka and Bharatpur.
- 9.1.6 Spcl. Secretary Delhi suggested that a road from Rajghat along Yamuna meeting near Mukarba chowk could be looked into by NHAI, as well.
- 9.1.7 Representative from NHAI raised an issue regarding works being held up on the Delhi-Jewar Expressway in the Haryana section and requested the Chair to consider the matter in CoTS discussions. Accepting the request, Chair directed that the matter be taken up jointly by NHAI and NCR Cell, Haryana and NCRPB be updated on the same.

Decision:

- i) NHAI to have another meeting with NCR States on missing links*
- ii) NHAI and Haryana/NCRPMC Haryana to hold a meeting to resolve the issue regarding works being held up in the Haryana Section on the Delhi-Jewar Expressway*

10. AGENDA ITEM NO.10: Any Other Items

- 10.1.1 Chairperson appreciated the efforts being made by various stakeholders and agencies on the aspects being discussed in the CoTS meetings.
- 10.1.2 Chairperson suggested that participants should also look into possibilities for cargo movement in NCR and an agreement on the lines of CRCTA could also be thought of for cargo movement.
- 10.1.3 Concluding the meeting, CRP, NCRPB on behalf of the Chairperson, thanked the participants for their valuable inputs and suggestions and requested all concerned to look into the decisions and directions of the meeting. The meeting ended with a vote of thanks to the Chair.

Place: New Delhi


(Archana Agrawal) 09/03/24
Chairperson

List of Participants

Sl. No.	Members/ Rep. Attended the Meeting
1.	Ms. Archana Agrawal, Member Secretary, NCRPB in Chair
Govt. of Uttar Pradesh	
2.	Shri S.C. Gaur, CCP, CCP NCR Cell, UP
3.	Shri Shivam Kasana, Asstt. Engineer CCP NCR Cell, UP
4.	Shri Arun Kumar, RTO, Agra
5.	Shri Mayank Jyoti, DTC, Agra Zone
6.	Shri K.N. Chaudhary, RM, UPSRTC, Ghaziabad,
Govt. of Haryana	
7.	Shri Devendra Nimbokar, CCP, NCR Cell
8.	Shri Jaideep, District Town Planner, T&CP Deptt. Haryana
9.	Shri Munish Sehgal, DTO cum Sec. RTA, Faridabad
10.	Shri Charandeep Singh Rana, EE, PWD, GMDA
11.	Shri Tarun Agarwal, SE, Haryana Irrigation Deptt., Haryana
Govt. of Rajasthan	
12.	Shri Vijay Meena, DTP, NCR Planning & Monitoring Cell, Rajasthan
13.	Shri Mathura Prasad Meena, RTO, Bharatpur, Rajasthan
GNCT of Delhi	
14.	Shri K.S. Meena, Spl. Secretary, UD, GNCTD
15.	Ms. Deepti Bakshi ATCP, NCRPMC, Delhi
16.	Shri A.K. Shukla, Asstt. Engineer, PWD, Delhi
17.	Shri Binit Kumar, Statistical Officer Transport Deptt., GNCT Delhi
18.	Shri Rajesh Meena, AD (Plg.), Tpt. Department, GNCTD
19.	Shri Amit Kumar Gupta, Geospatial Executive, Delhi
DDA/UTTIPEC	
20.	Shri Sudhir Kumar Kala Director (Plg.) UTTIPEC/DDA
21.	Shri Jyoti Dash Dy. Director (Plg.) UTTIPEC/DDA
MoPNG/ BPCL/HPCL	
22.	Shri A K Sinha, Ministry of PNG
23.	Shri D K Sinha, Ministry of PNG
24.	Shri Sanjeev Gupta, GM, BPCL
25.	Shri Manoj Kumar, DGM, BPCL
26.	Shri Anil Ahir, GM, BPCL
27.	Shri Ashwani Kumar, Chief Manager, BPCL
28.	Shri Shubhankar Dutta, HPCL
29.	Shri Mukesh Dadich AVP, BYPL Delhi
30.	Shri D. Ram Kumar, GM, BYPL Delhi
31.	Shri K. Navin Charan, CGM (RT), Indian Oil HO Mumbai
32.	Shri Santosh Kumar Gupta, DGM (RS-NFR & AE)
33.	Shri Suyash Kumar, CM (RS), Delhi DO, IOCL
MoRTH/NHAI	
34.	Shri Jag Bhushan, GM (T) NHAI, RO Delhi
35.	Shri Arvind Kumar, DGM, PIU-Ghaziabad NHAI,
36.	Shri T.K. Das, Under Secretary, M/oRTH
DMRC	

37.	Ms. Indu G. Choudhary, Chief Architect, DMRC
38.	Shri Rajshekhar K Kuruvatti, Sr. AGM/CS, DMRC
39.	Shri Sandeep Sr. GM/BD DMRC
40.	Shri Mrinmay Das, Sr. DGM/Traffic, DMRC
Railway Board	
41.	Shri Sumit Badarkhe, JD/Planning
DTL	
42.	Shri Sahab Singh, D.M. T, DTL
NCRTC	
43.	Shri Samir Sharma, MMI Expert
RITES	
44.	Shri Viresh Goel, GGM (UERS), RITES
AMDA	
45.	Shri Totak Acharya, Assistant Director (Planning)
46.	Ms Gurpreet Kaur, Assistant Director (Capacity Building & Training)
Officers from NCR Planning Board	
47.	Shri Jugmohan Singh, Chief Regional Planner
48.	Shri Anubhav Choudhary, Director (A&F)
49.	Shri Abhijeet Samanta, Dy. Director (Tech.)
51.	Ms. Nilima Majhi, Dy. Director (Tech)
52.	Shri Ramesh Dev, Dy. Director (Tech-URP)
53.	Shri Satyabir Singh, Asst. Director (Tech.)

Major findings on “SEAMLESS INTEGRATION OF PUBLIC TRANSPORTATION IN NCR” presented during meeting of Committee of Transport Secretaries/Commissioners (COTS) held under the Chairpersonship of Member Secretary, NCR Planning Board on 29.02.2024

As discussed in the meeting, the findings of the local trains in NCR have been shared with the Minutes of Meeting with all the participants. Further, NCRPB will map the stations of Indian Railways that are located in the vicinity of DMRC and RRTS stations.

Status of Operational Express Trains connecting NCT Delhi :

- Connectivity with district headquarters such as **Mewat, GB Nagar, Jhajjar, Bulandshahr, Bhiwani, Charkhi Dadri, and Palwal** may be improved upon.
- Maximum express trains traveling to Delhi are found to be passing through Ghaziabad, Rewari, and Gurugram.
- In **UP Subregion** district headquarters, which are well connected mainly includes Ghaziabad, Muzaffarnagar, Meerut, Hapur, Shamli, and Baghpat
- In **Haryana Sub Region** district headquarters which are well connected mainly include Mahendragarh, Rewari, Gurugram, Faridabad, Karnal, Panipat, Sonapat, Jind, and Rohtak.
- In **Rajasthan Sub Region** in terms of connectivity of operational express trains both Alwar and Bharatpur are well connected with Delhi.
- The eastern side of NCR seems to be better connected by express trains, in comparison to the western part.

Status of Interconnectivity between Express and Local Trains in NCT Delhi:

- In case of Rajdhani trains originating from Delhi, around 50% of Rajdhani trains leave Delhi Station in afternoon. During this time the frequency of EMU/DMU trains connecting Delhi with other parts of NCR is less. However, the timing of Rajdhani trains terminating in Delhi are matching with the peak hours of EMU/DMU trains.
- Around 30% of total Shatabdi trains reaches Delhi post 9 pm. This is an off peak hour for EMU/DMU trains. Hence, leads to a more waiting time for passengers.
- In case of mail and express trains, major cluster of trains which originates from Delhi needs a better connectivity with local trains.
- In case of superfast trains, major cluster of trains Originating from Delhi after 8 pm needs to be connected in a better way with the local trains.

Districts in NCR where EMU/MEMU services needs to be improved upon

- In districts like **Bhiwani, Charkhi Dadri, Mahendragarh, Mewat, and Gurugram** EMU/MEMU services may be improved upon. Presently, no EMU/MEMU services are available here.
- The availability of Passenger trains have been observed majorly to be in the peripheral districts of NCR.
- The districts where EMU/MEMU is not available, are being served by passenger trains presently.

- Efforts may be made to improve the connectivity by improving the services of EMU throughout NCR. Presently, the services are mainly concentrated in the central part of the region.
- In districts like **Bhiwani, Charkhi Dadri, Mahendragarh, Mewat and Gurugram** EMU/MEMU services may be introduced because it is having fast acceleration and pollution free operation, relatively quieter than diesel engines, can operate late at night without disturbing nearby residents.

Sub-Region Wise and District Level Findings:

Haryana Sub-region

- The highest number of passenger trains are operational from the Haryana sub-region.
- MEMU services are highest in the Haryana Sub-region,
- Diesel Multiple Units (DMU) are operational in the NCR region with the highest being operated in the Haryana sub-region.
- Faridabad district railway stations in the Haryana sub-region have the highest number of operational local trains (EMU, MEMU, DMU, and Passenger trains) and have the maximum number of trains connecting NCT Delhi.
- Charkhi Dadri and Jhajjar districts of Haryana sub-region, have the lowest number of operational local trains.
- Connectivity of Jind, Jhajjar, Mahendragarh, Bhiwani, and Rewari district railway stations with NCT Delhi is limited.
- Maximum number of trains are operating in the early morning hours between 23.00- 7.00 hrs in Haryana followed by morning hours between 7.00-9.00 hours in the sub-region.
- Within the Haryana sub-region, almost all the districts have local trains operating in the early morning hours by 7.00 am followed by trains operating in the morning, evening, and late evening hours.
- The locals operating from various district railway stations are well connected with the neighboring district. However, some of them lack direct connectivity with NCT Delhi and other economic centers such as Gurugram and Faridabad.
- There is a clear gap in the number of trains operating from districts like Jhajjar, Jind, Charkhi Dadri etc.

District-level analysis is provided below:

Bhiwani

- Bhiwani district has a total of 21 railway stations including Bhiwani railway station
- It is evident from the analysis that Bhiwani district railway stations are well connected with Mahendragarh district, Charkhi Dadri district, and Rewari district stations.
- The connectivity of Bhiwani district railway stations lacks in terms of direct connectivity with economic centres of NCR like NCT Delhi and Gurugram. Bhiwani is connected with NCT Delhi with only 2 trains (terminating and operating from NCT Delhi).
- Some trains operating from Bhiwani district railway stations connect Alwar, Bharatpur, and Rohtak districts of the NCR.

Charkhi Dadri

- Charkhi Dadri district railway stations are well connected with Bhiwani district, Rewari district, and Hisar district stations.
- Connectivity of Charkhi Dadri district railway stations lacks connectivity with economic centres of NCR like NCT Delhi, Ghaziabad, and Gurugram

Jind

- Jind district has a total of 14 railway stations including Jind Junction railway station.
- Trains from Jind are connected with Sonipat, Rohtak, Rewari, Kurukshetra, Jhajjar, and NCT Delhi. However, the connectivity of trains to Kurukshetra, Rohtak, and Rewari railway stations is more visible.
- Diesel Multiple Units (DMUs) and passenger trains are operational from Jind district railway stations. However, only one MEMU train from New Delhi to Jind Junction is operational in Delhi via Rohtak district. Connecting 4 other stations of Jind District such as Julana, Jai Jai Wanti, Kila Zafargarh, and Kinana.
- Most of the trains are operational in the morning and the late evening hours of the day. Less availability of trains can be seen in the afternoon and late-night hours

Mahendragarh

- There are a total of 9 railway stations in Mahendragarh district.
- EMU and MEMU services are not available from Mahendragarh district railway stations. Only 2 DMUs are operating from the Sudharana railway station of Mahendragarh district connecting Hisar and Jaipur. Passenger trains are the only means of transportation to travel to nearby areas in the NCR and outside NCR.
- It is evident from the analysis that Mahendragarh district railway stations are well connected with Rewari, Charkhi Dadri, and Bhiwani, Alwar district stations of the NCR. It is connected with Shri Ganganagar, Bikaner, Jaipur, Sikar, Jodhpur, Hisar, Fazilka, and Bhatinda districts in the non-NCR areas.
- The connectivity of Mahendragarh district railway stations lacks in terms of direct connectivity with economic centers of NCR like NCT Delhi and Gurugram.

Rewari

- Rewari district has 16 railway stations across the district including Rewari Junction.
- Rewari is directly connected with Gurugram, Mahendragarh, Jhajjar, Alwar, and Charkhi Dadri district railway station.
- Rewari district has indirect connectivity with Rohtak, Bhiwani, Jind, NCT Delhi, Ghaziabad, Meerut, and Bharatpur districts of the NCR.
- Gurugram being an economic center attracts a lot of migrants for better employment opportunities and better connectivity with EMU, MEMU, DMU, and passenger trains helps in promoting the daily movement of people from one district to another.

Jhajjar

- There is a total of 6 railway stations in the Jhajjar district including the Jhajjar Railway Station.
- Jhajjar district railway stations are well connected with Rewari, Rohtak, Charkhi Dadri, Bhiwani, and NCT Delhi railway stations.
- Trains operating from passing from Jhajjar district stations are further connected with the Jind, Alwar, Jaipur, and Mathura districts.
- Jhajjar district stations also have connectivity to Hisar and Bathinda in the North.
- Jhajjar's connectivity with NCT Delhi is far better than its connectivity to Jind or Bhiwani district stations.
- Trains connected to NCT Delhi are playing for the entire day almost at an interval of 60 minutes or less, these locals are connecting Jhajjar via Rohtak district

Sonipat

- There is a total of 17 railway stations in Sonipat district including Sonipat Junction.
- Sonipat district railway stations are well connected with Panipat, Jind, and NCT Delhi railway stations.
- Trains operating from passing from Sonipat district stations are further connected with Karnal, Kurukshetra, and Ghaziabad district stations.
- Sonipat's connectivity lacks connectivity with the Haryana state economic centers such as Gurugram and Faridabad.
- Services of EMU/MEMU and DMU including passenger trains to Delhi visa vie is available from/to Sonipat Junction, Gannur, Rajlu Garhi, Rathdhana, Sandal Kalan, Rabhra, and Hasrana Kalan stations of the district which are either connecting Delhi to Panipat or Kurukshetra. Independent EMU/MEMU and DMU train services are also available from Sonipat district to Delhi and visa vie
- Other stations of the districts such as Lath, Khandrai, Kheri, Butana, Barwasni, Mohana ad Gohana are connected with trains operating to/from Jind with Sonipat Junction.
- Trains passing Delhi to terminating at Delhi are plying between the early morning hours from 5.30 to 7.45 am and in the late evening hours from 6.00 to 10.00 pm. Few trains are available in the afternoon hours

Panipat

- There is a total of 14 railway stations in the Panipat district. However, only four are functional including Panipat Junction, Babarpur, Bhodwal Majri, and Samalkha railway stations.
- Panipat district railway stations are well connected with Panipat, Jind, and NCT Delhi railway stations.
- Trains operating from passing from Sonipat district stations are further connected with Karnal, Kurukshetra, and Ghaziabad district stations.
- Panipat's connectivity lacks connectivity with the Haryana state economic centers such as Gurugram and Faridabad.
- Panipat district railway stations are connected with the UP sub-region's economic center such as Ghaziabad.

- Of all the railway stations of Panipat district, Badarpur, Bhodwal Majri, and Samalkha stations have local trains connecting NCT Delhi.
- There are no MEMU, EMU, DEMU, and Passenger Trains after 10:30 and before 14:30 in all 3 stations.

Palwal

- Palwal district has three railway stations including Palwal, Rundhi and Banchari stations.
- Palwal district railway stations have better connectivity with Faridabad, NCT Delhi, Ghaziabad, Mathura, and Agra districts
- The number of trains between Palwal and Faridabad and NCT Delhi is the highest in the region

Rohtak

- Rohtak district has 12 railway stations. However, only 9 are functional in the district including Rohtak railway station. Rest 3 stations Dobh Bahali, Jasai and Makrauli do not have any EMU, DEMU, MEMU and Passenger train services available.
- Rohtak district railway stations are well connected with Jhajjar, Jind, and NCT Delhi railway stations.
- Trains operating/passing from Rohtak district stations are further connected with Rewari and Bhiwani district stations.
- Rohtak district also has direct connectivity with NCT Delhi. However, it lacks connectivity to Haryana state's economic centre Gurugram.
- Kalanaur Kalan and Lehli stations only have 2 Passenger trains in the morning and in the evening, no trains are available. Karainthi and Samar Gopalpur stations have trains in the morning and in the evening, trains in the afternoon or late night trains are not available.

Karnal

- Karnal district has 8 operational railway stations where only MEMU services are available.
- Karnal is well connected with Panipat, Sonipat, and NCT Delhi in the NCR whereas Karnal district railway stations are also well connected with Kurukshetra and Ambala district which is outside the NCR planning boundary
- Trains operating from NCT Delhi terminate at Kurukshetra and Vis-a-vie passing from Karnal and other stations (Panipat and Sonipat).

Faridabad

- Faridabad district has 7 operational railway stations where only EMU and MEMU services are available.
- Faridabad is well connected with NCT Delhi, Palwal in the NCR and Mathura outside the NCR planning boundary.
- Faridabad district railway stations have connectivity with Ghaziabad, Aligarh, Tundla, and Agra district railway stations.
- The maximum number of EMU MEMU trains are connected with Palwal followed by Ghaziabad and Mathura.

- Maximum number of local trains operating in the morning and in the evening hours. Limited availability of trains in the afternoon and night hours.

Gurugram

- Gurugram district has 11 operational railway stations where only DMU and passenger train services are available.
- Most of the trains operating from Gurugram are connected with NCT Delhi
- Maximum number of local trains are connected with Rewari, NCT Delhi, and further with Mahendragarh, Bhiwani, and Ghaziabad.
- There are many trains which are connecting the entire districts through the local train network.

UP Sub-region

- The number of operational EMUs is highest in the Uttar Pradesh Sub-region.
- Ghaziabad district railway stations in Uttar Pradesh have the highest number of operational local trains (EMU, MEMU, DMU, and Passenger trains) and have the maximum number of trains connecting NCT Delhi.
- Shamli district of UP sub-regions has the lowest number of operational local trains.
- Uttar Pradesh has the highest number of local trains operating towards NCT Delhi.
- Shamli and Hapur district railway stations still are not well connected with NCT Delhi.
- Maximum number of trains are operating in the early morning hours between 23.00- 7.00 hrs in the Uttar Pradesh Sub-region followed by trains in the evening hours between 19.00-21.00.
- UP Sub-region has a maximum frequency of trains operating in the early morning hours by 7.00 am followed by trains in the evening hours. Limited availability of local trains is visible in the afternoon and late-night hours.

District-level analysis is provided below:

Bulandshahr

- Bulandshahr district has 14 operational railway stations.
- Most of the trains operating/passing from Bulandshahr are directly connected with Hapur, Bharatpur, and G B Nagar. However, indirect connectivity is visible from the figure above to Ghaziabad, Meerut districts of the UP sub-region, NCT Delhi, Faridabad, and Palwal districts in the Haryana sub-regions of the NCR.
- The connectivity of Bulandshahr with other economic centres such as Gurugram etc is not available through the local train network. Although, its connectivity to Ghaziabad and NCT Delhi makes it accessible for workers to work and go back the same day from these economic centres.

Baghpat

- Baghpat district has 10 operational railway stations where only MEMU and passenger train services are available.
- Most of the trains operating/passing from Baghpat are connected with NCT Delhi and Shamli

Hapur

- Hapur district has 7 operational railway stations. MEMU and Passenger trains are operating from/to Hapur district stations.
- Most of the trains operating/passing from Hapur district railway stations are directly connected with NCT Delhi, Ghaziabad and Bulandshahr. Also, districts like Baghpat and Shamli are connected with Hapur

Ghaziabad

- Ghaziabad district has 17 operational railway stations. Ghaziabad Junction railway station has the highest number of EMU train services available.
- Ghaziabad district railway stations are well connected with NCT Delhi, Meerut, G B Nagar, Baghpat, and Hapur districts of the UP subregion. The local trains are also connected with Shamli, Muzaffarnagar, and Bulandshahr district stations.
- In the Haryana subregion, connectivity to Rewari, Faridabad, Palwal, and Sonipat stations can also be seen in the figure above via NCT Delhi.

Muzaffarnagar

- Muzaffarnagar district has 10 operational railway stations. Most of the trains operating in the district are interconnected with each other.
- Most of the trains operating/passing from Bulandshahr are directly connected with Meerut, Baghpat, and Shamli. However, indirect connectivity is visible from the figure above to NCT Delhi and Ghaziabad district railway stations.
- Connectivity of Muzaffarnagar with other economic centres such as Gurugram etc is not available through the local train network.

Meerut

- Meerut district has 11 operational railway stations. Most of the trains operating in the district are interconnected with each other.
- Meerut district is well connected with Ghaziabad, Delhi, Saharanpur, Rewari, Hapur, Bulandshahr etc.
- Stations such as Chandsara Halt, Kaili, Kharkhoda, and Nurnagar Halt are connected with Hapur and Bulandshahr
- Stations such as Meerut Cantt., Partapur, Daurala, etc are connected with Delhi, Saharanpur and Rewari districts.
- In terms of timings of trains operating/passing or terminating from these stations follow the morning and evening routine. There is very low availability of trains in the early morning, afternoon, and night hours.

G B Nagar

- G B Nagar district has 5 operational railway stations. Dadri station is the main station of the district.
- Trains operated /passing from/to G B Nagar railway stations are connected by Aligarh, Ghaziabad, Delhi, Dankaur, Tundla, Aligarh, Khurja, Shakurbasti, Palwal, Hathras Killah, and Faridabad.
- Connectivity of G B Nagar railway stations with NCT Delhi and Ghaziabad is better than other districts of the state/sub-region.
- G B Nagar being an IT and industrial hub is attracting youth from different parts of the country in search of better employment opportunities.

Shamli

- Shamli district has 6 operational railway stations. Most of the trains operating in the district are interconnected with each other.
- EMU and Passenger train services are not available from Shamli district railway stations. Only 2 MEMUs are operating from Shamli district railway station connecting NCT Delhi
- DEMUs are the main means of transportation to travel to Delhi, Baghpat and Saharanpur
- Connectivity of Shamli district railway station to Delhi is limited through a total of 7 DEMU operating from Shamli terminating at Delhi and visa vie

Rajasthan Sub-region

- The Rajasthan sub-region lacks the facility of operational EMUs from/ to Alwar and Bharatpur district railway stations.
- The lowest number of passenger trains are operational from the Rajasthan Sub-region.
- Bharatpur district railway stations in Rajasthan state have the highest number of operational local trains.
- Alwar district railway stations of Rajasthan sub-regions have the lowest number of operational local trains (EMU, MEMU, DMU, and Passenger trains).
- Rajasthan sub-region lags (no connectivity) in terms of its connectivity to NCT Delhi and other parts of the NCR.
- Rajasthan sub-region has a maximum number of trains operating in the afternoon hours between 15.00-17.00 hours followed by morning trains between 9.00-11.00 hours.

District-level analysis is provided below:

Alwar

- Alwar district has 21 railway stations of which only Gazika railway station doesn't have any train operating/passing or terminating from it.
- Major stations connecting Alwar District are Hisar, Mathura, Jaipur, Agra, Bareilly, and Idgah.
- Maximum trains are in the morning or the evening, In between connectivity is very minimal. Most of the trains connecting NCR Stations are Alwar, Rewari, Bhiwani, and Charkhi Dadri.

- Ootwar, Ramgarh, Govind Garh, Jadoli Ka Bas, Jhareda, and Gazika stations don't have any MEMU, DMU/DEMU. Only passenger trains are there.

Bharatpur

- Bharatpur district has 26 railway stations of which only Girdhapur railway station doesn't have any train operating/passing or terminating from it.
- The major station connects in Bharatpur District are Agra, Mathura, Kota, Bawana, Sawai Madhopur, and BandiKui
- Morning to evening trains is available but late-night trains are very less.
- Most of the trains are not connecting NCR stations.
- Dumariya, Deeg, Brij Nagar, Bedhum and Vijah stations don't have MEMU and DMU/DEMU and Gidharpur don't have any trains.

Analysis Of Footfalls in Railway Stations of Delhi Sub Region

- Out of total 31 stations, there are 7 stations having footfall below 10,000 ; 5 stations having footfalls between 10,001-20,000; 8 stations between 20,001 – 30,000 ; 2 stations between 30,001 – 40,000 ; 1 each between 40,001-50,000 and 50,001 – 60,000 and 8 stations above 60, 000 footfalls . The 8 stations with footfalls above 60,000 include **Delhi Cantonment, Shahdara Jn., Delhi Jn., New Delhi, Nangloi, Narela, Palam and Tughlakabad.**
- Majority of the stations are having footfalls below 50,000. The highest number of footfalls are at Delhi Junction followed by Narela, Nagloi and Shahdara. The stations with highest footfalls are located in the north and north western part of Delhi sub region. **Narela and Nagloi** lies in the fringe area of NCT Delhi where as it is having one of the highest footfall in the subregion, only after Delhi Junction.
- The maximum footfall at Delhi Cant. Railway Station is for Rewari Junction, followed by Gurgaon.
- At Shahdara Railway Station the maximum footfall is for New Delhi and Hzt. Nizamuddin station.
- At Badli, the maximum flow of passengers is towards New Delhi.
- From Narela Railway Station majority of the flow of passengers is towards Hzt. Nizamuddin.
- From Palam Station, maximum flow is towards Delhi Jn. and New Delhi.
- At New Delhi station, maximum unreserved tickets are being booked for Ghaziabad, Panipat and Sonipat.
- At Tughlaqabad railway station maximum footfall is towards Sadar Bazar.
- At Old Delhi Railway Station maximum flow of Passengers is towards Rewari, and Ghaziabad Jn.