

आषाढ-श्रावण विक्रम संवत् 2079
जुलाई 2022 | JULY 2022



रलहरी

Ralharee



**अनंत
अवसरों का रेल संपर्क**



HARYANA RAIL INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED

वर्ष 1, अंक 1, अर्धवार्षिक पत्रिका | Vol 1, Issue 1, Half Yearly Magazine

FROM THE DESK OF



SANJEEV KAUSHAL, IAS

Chief Secretary, Govt. of
Haryana- cum-Chairman,
HRIDC

हरियाणा सरकार एवं भारतीय रेलवे के संयुक्त उपक्रम एच. आर. आई. डी. सी., राज्य सरकार को रेलवे कार्यों से सम्बंधित सभी जानकारियों, तकनीकी सलाह एवं कार्य की संस्तुति उपलब्ध कराने में अपना योगदान देती है |

भविष्य की चुनौतियों को ध्यान में रखते हुए एच. आर. आई. डी. सी., हरियाणा राज्य में महत्वपूर्ण परिवहन गलियारों के निर्माण कार्य को पुनः परिभाषित करने की दिशा में कार्यरत है। औद्योगिक, वित्तीय एवं परिवहन क्षेत्र में हरियाणा राज्य तेजी से विकास की ओर अग्रसर है। इस दिशा में एच. आर. आई. डी. सी., रेलवे की ढांचागत सुविधाओं को राज्य के दूरदराज के क्षेत्रों तक पहुंचाने एवं राष्ट्रीय मुख्यधारा से जोड़ने का अहम कार्य निष्पादित कर रही है।

इन भागीरथी प्रयासों की मैं प्रशंसा करता हूं एवं भविष्य के लिए शुभकामनाएं देता हूं।

The Government of Haryana has the vision to develop the State as a major logistics hub to serve the entire Northern Region. To fulfil this objective the State Government has planned Panchgram Yojana wherein major Industrial Model Townships, Economic Model Townships etc. has been envisaged. To achieve the same, State Government is creating additional capacity for rail freight transportation, logistics park, freight terminals etc. HRIDC & HORCL has a mission to develop rail infrastructure for critical connectivity & capacity enhancement in the State to provide sustainable development, balanced economic growth and to make it future ready.



ANURAG RASTOGI, IAS

ACS PW (B&R), GoH-cum-
Chairman, HORCL



RAJESH AGARWAL, IRSE

MD HRIDC & MD HORCL

Our Mission is to create efficient & cost-effective rail transport infrastructure in a time-bound manner and to take up feasibility studies as per the need & aspirations of the industry & people of Haryana. HRIDC assists State Govt. in obtaining requisite approvals and arranging resources from various stakeholders. HRIDC is committed to innovative and cost-effective methods in all fields viz Development, Construction, Financing, Operations, and Maintenance of Railway Infrastructure.

समयबद्ध तरीके से कुशल और लागत प्रभावी रेल परिवहन बुनियादी ढांचे का निर्माण करना और हरियाणा के उद्योग और लोगों की आवश्यकता और आकांक्षाओं के अनुसार व्यवहार्यता अध्ययन करना ही हमारा उद्देश्य है। एचआरआईडीसी राज्य सरकार को अपेक्षित अनुमोदन प्राप्त करने और विभिन्न हितधारकों से संसाधनों की व्यवस्था करने में सहायता करती है। एचआरआईडीसी रेलवे अवसंरचना के विकास, निर्माण, वित्तपोषण, प्रचालन और अनुरक्षण जैसे सभी क्षेत्रों में नवोन्मेषी और लागत प्रभावी तरीकों के लिए प्रतिबद्ध है।

HARYANA RAIL INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED



Haryana Rail Infrastructure Development Corporation Limited (HRIDC) is one of the eight JVC set up by the Ministry of Railway in accordance with the Cabinet decision dated 03 Feb 2016 and the only one in the entire northern region. The Government of Haryana (GOH) and the Ministry of Railway (MOR) are having a share of 51% and 49% respectively in this JV. HRIDC was incorporated on 22 August 2017 to plan & develop rail infrastructure in the State of Haryana on the principle of competitive cooperative federalism.

The JV has a mandate to take up planning and implementation of various rail infrastructure projects like new railway lines, last mile connectivity, capacity enhancement works etc. in the State of Haryana. Accordingly, to enhance rail connectivity for freight and passenger transportation, boost economic & social growth and enable polycentric growth in the State of Haryana, HRIDC has identified various rail projects which are under implementation.

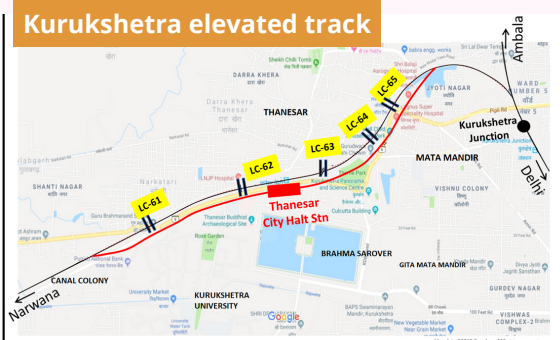
OBJECTIVES

- To identify and undertake feasibility studies of the Rail Infrastructure Projects in the State of Haryana.
- Anchor role to the State Government in the Planning, sanction, and Implementation of Railway Infrastructure Projects.
- Generate greater financial resources through the participation of the State Government and other stakeholders including the private sector in project-specific SPVs.
- Act as a nodal agency to handhold Project SPVs in the development of railway infrastructure in the State of Haryana.

VISION

1. To develop best-in-class, fast, safe, and efficient rail infrastructure, connecting whole of the Haryana.
2. Boosting economic and social activity in the entire region.
3. Enrich rural-urban connectivity by the inclusion of un-served areas.

HRIDC PROJECTS

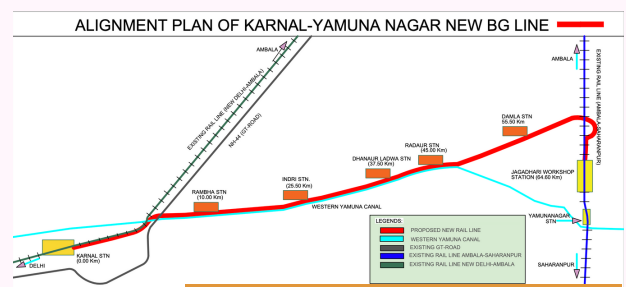


Kurukshetra elevated track

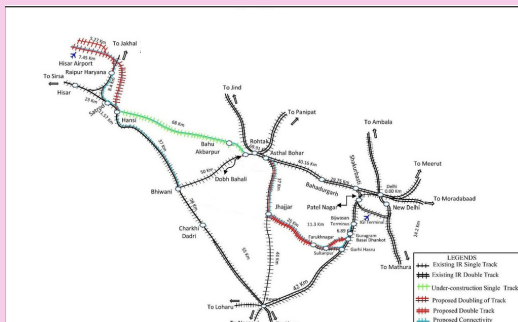
- To decongest the city and provide relief from long traffic jams to the residents and commuters, the elimination of 05 Level Crossings on the Kurukshetra-Narwana Line by providing an elevated track (5.84 km) has been planned by HRIDC.
- The contract for the work was awarded on 15.12.2020 and work is likely to be completed by June 2023.

Karnal-Yamunagar New Rail Line

- The proposed new Rail Line (65km) will provide direct and fast connectivity between the industrial cities of Karnal and Yamunagar.
- Provide direct connectivity to the Holy city of Haridwar which was a long pending demand of this area.
- The project is under approval in the Ministry of Railways.



Karnal-Yamunagar New Rail Line



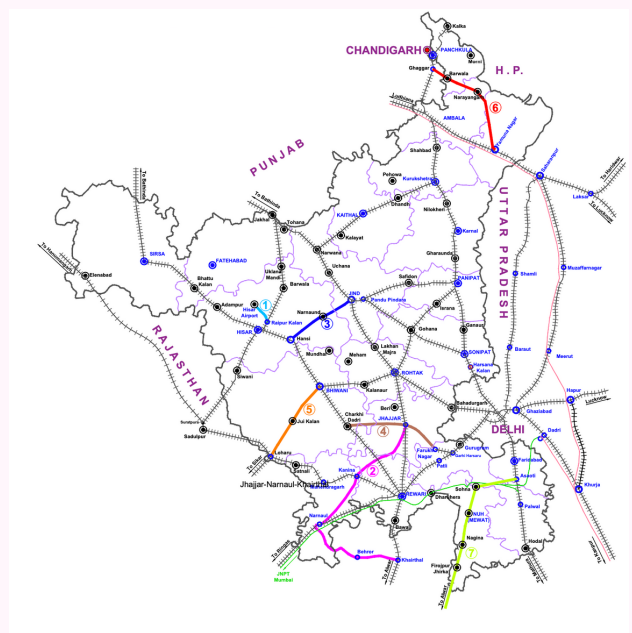
Airport Connectivity from Hisar to Delhi

Airport Connectivity from Hisar to Delhi

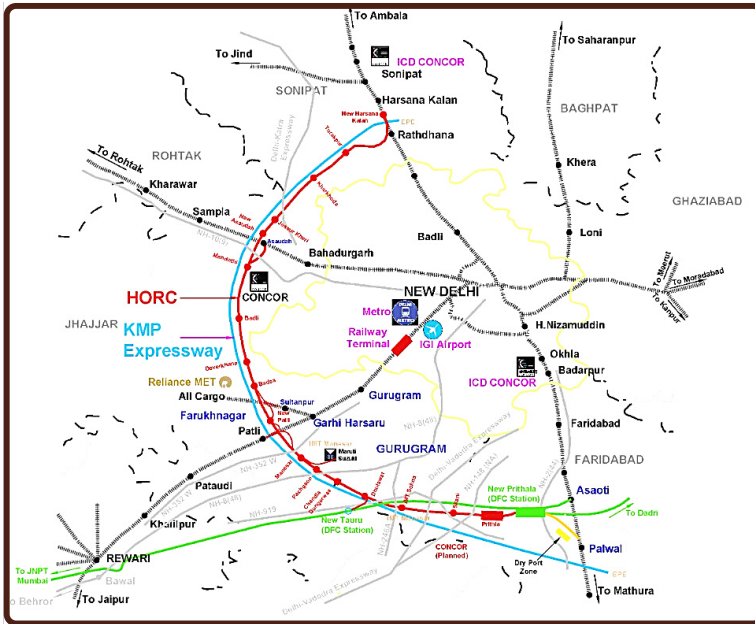
- The project has been envisaged to provide direct connectivity from IGI Airport, Delhi to Maharaja Agarsen Airport, Hisar.
- The connectivity will reduce travel time from Hisar to Delhi to about 3 Hrs.
- The Detailed Project Report of the project is under preparation.

Feasibility studies of New Rail Lines

- Bhiwani-Loharu (59 km) —
- Jhajjar-Narnaul-Khairthal (155 km) —
- Jind-Hansi (50 km) —
- Farrukhnagar-Jhajjar-Charkhi Dadri (72 km) —
- Hisar Airport connectivity with Raipur Haryana station on Jakhal-Hisar Rail Line. (7 km) —
- Yamunanagar-Chandigarh (90 km) —
- Delhi-Sohna-Nuh-Ferozpur Jhirka-Alwar (104 km) —



HARYANA ORBITAL RAIL CORRIDOR (HORC) PROJECT



Alignment map of HORC Project

HORC project from Palwal to Sonipat via Sohna, Manesar & Kharkhoda has secured approval from the Cabinet of Government of Haryana on 16.07.2019. The Project has been approved by the Cabinet Committee of Economic Affairs, Chaired by the Hon'ble Prime Minister on 15.09.2020. HORC is being built on PPP with the participation of GoH & MoR, Govt. PSU namely HSIIDC & GMDA and private equity partners namely MSIL & ACL. A Special Purpose Vehicle under the name & Style of Haryana Orbital Rail Corporation Limited (HORCL) has been incorporated on 25.12.2019.

SALIENT FEATURES OF HORC

- **Project Length:** 126 Route km, New Double Line with High Rise OHE suitable for Double Stack Container
- **Cost:** INR 5618 Cr.
- **Max. Speed:** 160 kmph
- **Nos. of Stations :** 17
- **Tunnel:** 2 x 4.7 km
- **Viaduct :** 3.54 km
- **Nos. of Major Bridges:** 92
- **Nos. of Minor Bridges:** 329
- **Connectivities to IR Network:** Patli, Sultanpur, Asaudah & New Harsana Kalan.
- **Connectivities to DFC Network:** New Prithala & New Tauru



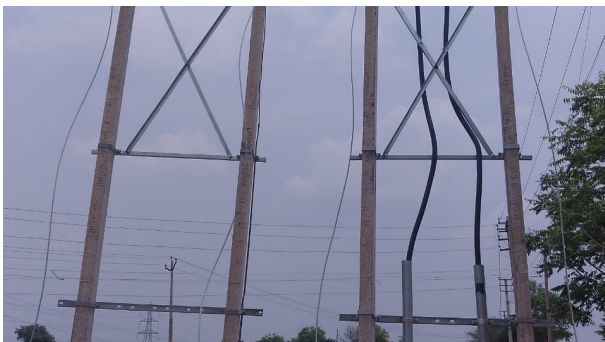
STAKEHOLDERS PARTICIPATION IN HORCL

PROJECTS HIGHLIGHTS

- **Kurukshetra Elevated Track:** The work of Pile cap and pier is in progress on the project site. PSC Girders casting completed.



- **HORC:** The work of Shifting/Modification of overhead electrical crossings upto 33 kV by underground cables and removal of other electrical infringements on the project site is in progress.



- 20-E notifications for Land acquisition in the entire route length covering all the five districts namely Palwal, Nuh, Gurugram, Jhajjar & Sonipat have been published. Land awards declared for Palwal & Gurugram districts and are in the advance stage for Jhajjar, Sonipat & Nuh districts.

Site office in HORC Part A section.



Ground Breaking Ceremony of Site office in HORC Part A section at Manesar held on 28.05.2022

Site visit of MD for HORC Part A & Tunnel site



Site survey done by Sh. Rajesh Agarwal, IRSE, MD/HRIDC alongwith team on 19.02.2022.

- **Interactive session for construction of 4.70 km tunnel through Aravali hills in Sohna region:** The tunnel is passing through 3.60km in soil and 1.1km in rock. A brainstorming session was organised by HRIDC with the Tunnelling Association of India (TAI) on 15.04.2022.
- Various aspects of tunnelling including Construction Methodology (NATM vs TBM), Tunnel Section, Lithological profile of strata, Single vs Twin tube tunnel etc. were deliberated in detail with Dr Mangu Singh, Ex. MD/DMRC & President, TAI and his team.
- Interaction with Tunnel Industry held for getting suggestions about various aspects of tunnelling.



Interaction with Tunnel Industry on 24.05.2022



Team HRIDC at Site Office Manesar

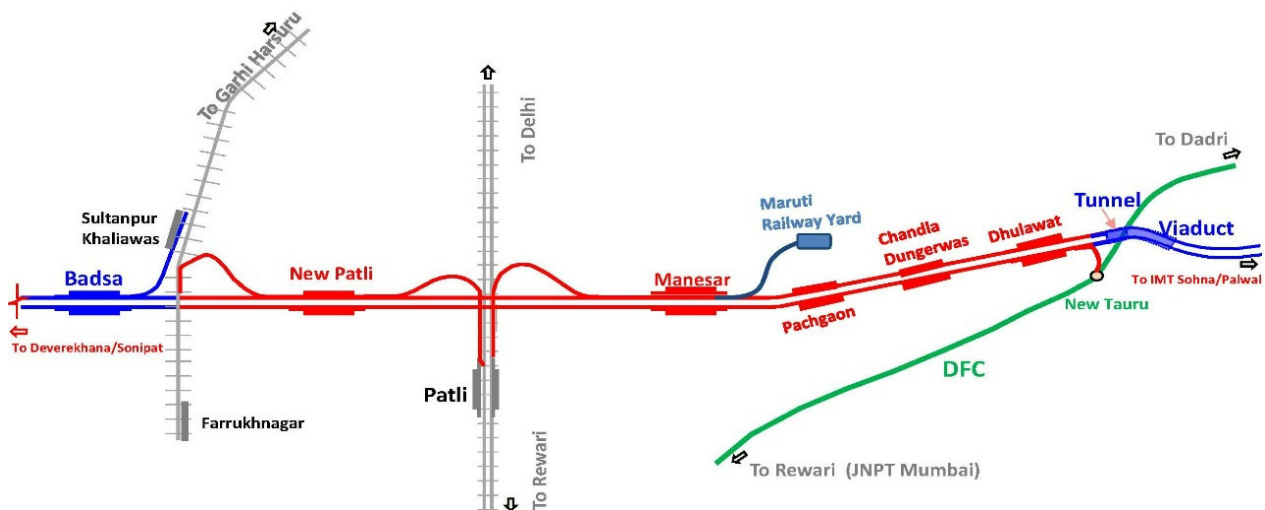
OUR EMBLEM

The Logo does the branding of the organization.

- Blue colour in the logo represents ambition and future of our organization where sky is the limit.
- It allows semi-high speed trains as well as double-decker freight operation with most modern track, tunnel, Multi Aspect Colour Light Signalling and high rise OHE.
- It also goes through the neighbouring states & NCR region with Haryana remaining as the core.
- The engraving of 'R' truly represents the spirit of competitive cooperative federalism of Govt of Haryana & Ministry of Railways; which will open immense opportunities to all the stakeholders.

HORC COMMISSIONING : PART-A & PART-B

Part-A of HORC comprises 30 km route length with five new Railway Stations (Dhulawat, Chandla Dunderwas, Pachgaon, Manesar and New Patli), 11.4 Km of connectivity lines to the Railway network at Patli & Sultanpur and 4.8 km of connectivity line to DFC network at New Tauru. It will also provide connectivity of HORC to Maruti Plant at Manesar and to All Cargo at Farrukhnagar. The entire work of Part-A is likely to be completed by May 2024.



Key Plan of HORC Part-A

Part-B of HORC comprises 96 km route length with 9.4 km tunnelling, 12 new Railway Stations and 6.28 km of connectivity lines to the Railway network at Asaudah & New Harsana Kalan & DFC network at New Prithala. The entire work of Part-B is likely to be completed well before the original target of Dec 2025.



Joining of Sh. Rajesh Agarwal as MD



HRIDC Board meeting



AIBB team visit to CALA offices



AIBB team interaction with villagers



Meeting with Tunnel Association of India



Interaction with tunnel industry



Celebrating New Vikram samvat 2079 at Haryana Bhawan

