

आषाढ –श्रावण विक्रम संवत् 2081  
जुलाई 2024 | JULY 2024



# रलहरी

# Ralharee



**अनंत  
अवसरों का रेल संपर्क**



**HARYANA RAIL INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED**  
वर्ष 3, अंक 2, अर्धवार्षिक पत्रिका | Year 3, Issue 2, Half Yearly Magazine

# FROM THE DESK OF



**T.V.S.N. PRASAD, IAS**  
Chief Secretary, Govt. of Haryana  
& Chairman, HRIDC

हरियाणा रेल अवसंरचना विकास निगम लिमिटेड हरियाणा राज्य में रेलवे के विकास में अहम योगदान दे रही है। वर्तमान में एचआरआईडीसी कुंडली मानेसर पलवल एक्सप्रेसवे के साथ लगे हुए हरियाणा ऑर्बिटल रेल कॉरीडोर (नई रेल लाइन परियोजना) एवं कुरुक्षेत्र शहर में कुरुक्षेत्र एलीवेटेड ट्रैक का निर्माण कर रही है। यह कॉरपोरेशन हरियाणा में विभिन्न रेल परियोजनाओं का व्यवहार्यता अध्ययन कर उनकी स्वीकृति करने में प्रयत्नरत है। एचआरआईडीसी की साख को देखते हुए उत्तर प्रदेश सरकार ने भी ईस्टर्न ऑर्बिटल रेल कॉरिडोर की व्यवहार्यता अध्ययन का कार्य दिया है। मैं हरियाणा में रेल के विकास के कार्यों को तेजी से करने के लिए कॉरपोरेशन के सभी अधिकारी एवं कर्मचारियों के प्रयासों की प्रशंसा करता हूँ और निर्धारित समयानुसार पूर्ण करने के लिए शुभकामनाएं देता हूँ।

With the support of Govt. of Haryana, Special Assistance of Rs 584 cr. for HORC project and Rs 56 cr. for KET project has been granted during the financial year 2023-24 under the Scheme for Special Assistance under PM GatiShakti NMP/SMP. Financial Closure for Part-A of the HORC Project has been achieved with the signing of Loan Agreement by AIIB & DEA. HRIDC is exploring options of Indian Financial Institutions in addition to International Financial institutions for the financing of Part-B of the HORC project. A meeting regarding exploring Indian Institutional Funding for Part-B of the HORC was held on in HRIDC office Gurugram on 14.05.2024 which was attended by the Leading Banks and Financial institutions. The AIIB and NDB banks were also explored for the Funding of Part-B of the HORC.



**ANURAG RASTOGI, IAS**  
Addl. Chief Secretary, PW (B&R) & F  
& Chairman, HORCL



**RAJESH AGARWAL, IRSE**  
Managing Director, HRIDC &  
HORCL

एचओआरसी परियोजना के प्राथमिकता खंड के निर्माण का कार्य अपने अंतिम चरण में है। एचओआरसी परियोजना के प्राथमिकता खंड एवं मारुति के यार्ड के निर्माण से मारुति प्लांट की रेलवे नेटवर्क से सीधी पहुँच हो जाएगी और मारुति अपनी गाड़ियों को अपने प्लांट से ही वैगनो से देश के विभिन्न भागों में भेज पाएगा। इस प्राथमिकता खंड के चालू होने से हरियाणा रेल को आय की प्राप्ति होने लगेगी।

All the land required for HORC project has been acquired and 87 % of the land cost has been disbursed to the land owners. Contract for Over Head Electrification work of entire HORC have been awarded. The tender for C-5 package for viaduct is in final stages of Award and that of C-6 Package civil works of HORC Part-B has been opened on 10.06.2024. Tunnel work has progressed and tunnelling from 2 faces has started.

Construction of Elevated Track in Kurukshetra to eliminate 5 level crossings in congested city is in advance stage and expected to be completed in the next few months.



## KURUKSHETRA ELEVATED TRACK

The construction work for the Kurukshetra Elevated Track (5.875 km), aimed to decongest the Kurukshetra city by eliminating five manned level crossings on the existing Kurukshetra- Narwana Railway Line, is in advance stage of completion and targeted for commissioning by Aug, 2024.

All major activities for construction of Viaduct have been completed including earth work, blanketing & minor bridges on approaches. Ballast & Rails have been procured at site and supply of PSC bridge sleepers is in progress. Laying of Track, OHE and S&T works are in progress.

Revised estimate of the project at Rs.371.94 Cr. has been approved by Railway Board on 05.06.2024 with GoH share-Rs.206.32 Cr. & MoR share- Rs. 165.62 Cr.



KET work in Progress

## PROGRESS OF HORC PROJECT

### Land Acquisition

- 20-F notifications for the entire route length of HORC project amounting to Rs. 1548 Cr have been issued and 87 % compensation to the land owners disbursed.
- 58 % payment of Panchayat Land have been disbursed.

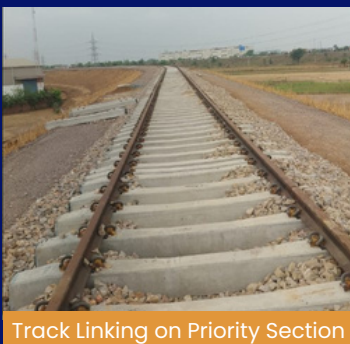
### Utility Shifting

- 15 EHT lines out of 21 have been shifted.
- 144 HT/LT lines out of 216 have been shifted.



Utility Shifting work in progress

### Progress of Patli-Manesar-MSIL Connectivity



Track Linking on Priority Section

- The work of Patli-Manesar connectivity line and construction of Railway yard in MSIL complex at Manesar is in advance stage of completion. All civil works completed and system works (i.e track, OHE, and S&T) are in progress.
- A meeting with the GM of Northern Railway was held on March 5, 2024 to discuss the connectivity of the Priority Section with Indian Railways at Patli Station.
- The phased ESP for this connection has been approved by Northern Railway. Commissioning of the priority section of HORC & the MSIL yard will enable MSIL to dispatch vehicles directly, saving time, reducing re-handling and pollution, and generating revenue from MSIL traffic.

## Progress of HORC Part-A:

Part-A of the HORC project spans 29.5 km from Dhulawat to Badsa, including 11.4 km of connectivity lines and additional link from Dhulawat to New Tauru on the Western Dedicated Freight Corridor (WDFC). It includes 5 new stations and connects to the Indian Railways network at Patli & Sultanpur,



### Key progress:

- Tender for shifting of cables in Patli yard awarded and work completed.
- S&T tender for modification in Patli yard awarded.
- S&T tender for new Railway yard in MSIL complex awarded.
- Tender for supply of 35000 no. of PSC sleepers awarded.
- Contracts for all the civil, track, and electrification works have been awarded.
- Major bridge No. 134 and 15 minor bridges in C-1 Package completed.
- 17.3 lakh cum of earthwork in C-1 Package completed out of 23 lakh cum.
- 3 open web girders (OWG) on Pataudi road launched.
- Work on 38 out of 90 bridges in C-23 Package is in progress.
- 15 lakh cum of earthwork in C-23 Package completed out of 67.2 lakh cum .
- Work on Patli to New Patli and New Patli to Sultanpur connectivities is in progress in C-23 Package which will facilitate direct movement of trains from Farukhnagar towards Rewari without any reversal.

## Progress of HORC Part-B:

### C-4 Package:

- Twin tunnels, each 4.7 km long with 1.10 km NATM in rock, 2.50 km NATM in soil, and 1.10 km cut & cover in soil.
- Suitable for double-stack containers.
- Tunnel cross-sectional area: 71 sqm.
- Contract awarded to M/s Rail Vikas Nigam Limited at Rs. 1088 Cr, with a 48-month completion period.
- Work of tunnel excavation from two faces commenced.



### Sys-1 Package:

Design, Supply, Installation, Testing & Commissioning of 2x25kV, 50Hz, AC, High Rise OHE, Power Supply System and SCADA in HORC Project including Rigid Overhead Conductor System (ROCS) in Tunnel Portion. The contract of Sys-1 Package has been signed with M/s Larsen & Toubro Limited on 06.03.2024.

### Sys-2 Package:

Meeting held in Railway board on 03.07.2024 to finalise the technical parameters for S&T tender.



### **C-5 Package:**

Earthwork, Bridges, Viaduct, Station buildings & other Civil works from Km -2.296 km to km 12.00 and km 18.00 to km 24.844 between Stations Prithla and Dhulawat. The Financial bid opened on 08.04.2024 and HORCL board as already considered it on 30.03.2024 and the case is under approval of competent authority.

### **C-6 Package:**

Design and Construction of Civil Works and General Electrical Services works from km 61.50 to km 126.03 between Badsa and Harsana Kalan and connectivities from Badsa Station of HORC to existing IR Sultanpur station and Mandothi station of HORC to existing IR Asaudah Station. The salient features of C-6 Package are as under:

- 9 stations including 3 new Junction Stations (Badsa, Mandothi & New Harsana Kalan), 3 New Crossing Stations (Badli, Kharkhoda & Tarakpur) and 3 Halt Stations (Devarkhana, New Asaudah & Jasoor Kheri)
- 47 Major bridges (2 Rail Flyovers, 2 crossings of NH-9/10 and 3 bridges over Dwarka-Amritsar-Katra Expressway).
- 210 minor bridges

Technical bid of C-6 Package has been opened on 10.06.2024 and tender is under technical evaluation.

### **Eastern Orbital Rail Corridor - EORC**

On February 27, 2024, MD/HRIDC met with the Chief Secretary of Uttar Pradesh to discuss the feasibility of the Eastern Orbital Rail Corridor (EORC). HRIDC presented the project, with key attendees including Shri Nitin Ramesh Gokarn ACS/Housing and other officials. The meeting concluded with a decision for HRIDC to conduct a feasibility study. Subsequently, on June 13, 2024, the Uttar Pradesh State Government awarded the feasibility study work for EORC, which will connect Palwal to Sonipat via Ghaziabad, Noida, and Bhagpat, running parallel to the Eastern Peripheral Expressway.



MD/HRIDC with Chief Secretary Govt. of UP

### **Interaction with Banks & Infrastructure Financing Institutions**



Interaction with Indian Banks and Financial Institutions

On 14.05.2024, HRIDC Gurugram hosted a meeting with representatives from major Indian banks and infrastructure financing institutions, including the National Bank for Financing Infrastructure Development, SBI, PNB, Canara Bank, IndusInd Bank, Indian Railway Finance Corporation, NABARD, and others.

Institutions were asked to submit proposals detailing: Loan tenure period, Moratorium period, Front-end fee, Commitment fees, Interest rate, Loan disbursement mechanism, Timeframe for in-principle approval for HORC gap funding.

# हरियाणा रेल का स्थापना दिवस



MD/HRIDC explaining the HORC project to CS/GoH

हरियाणा रेल ने 12 जनवरी 2024 को अपना स्थापना दिवस इरकॉन इंटरनेशनल टॉवर, सेक्टर 32, गुरुग्राम में मनाया। इस अवसर पर मुख्य अतिथि के रूप में हरियाणा सरकार के मुख्य सचिव और हरियाणा रेल के अध्यक्ष, श्री संजीव कौशल जी ने भाग लिया। उन्होंने हरियाणा रेल का स्मरण चिन्ह, हरियाणा ऑर्बिटल रेल का मॉडल, एचआरआईडीसी लोगो और परियोजना प्रबंधन के लिए 'स्पीड' सॉफ्टवेयर का उद्घाटन किया।

इस कार्यक्रम में सेक्रेटरी फाइनेंशियल सर्विसेज़, भारत सरकार, श्री विवेक जोशी; अपर महा प्रबंधक, उत्तर रेलवे, श्री ए. के. सिंघल; अपर मुख्य सचिव वन, श्री विनीत गर्ग और अन्य रेलवे पीएसयू एवं हरियाणा सरकार के वरिष्ठ अधिकारी उपस्थित थे।



श्री विवेक जोशी जी ने हरियाणा रेल के विज़न 2047 की प्रशंसा की और रेल इन्फ्रास्ट्रक्चर प्रोजेक्ट्स की फंडिंग के लिए National Bank for Financing Infrastructure and Development (NaBFID) से दीर्घकालिक लोन की सलाह दी। श्री संजीव कौशल जी ने राज्य सरकार के सहयोग से हरियाणा ऑर्बिटल रेल के लिए आवश्यक भूमि को कम समय में अधिगृहण करने और HORCL एवं कुरुक्षेत्र एलिवेटेड ट्रैक के कार्य प्रगति पर संतोष व्यक्त किया और इन प्रोजेक्टों की निर्धारित समयानुसार पूर्ण करने के लिए अपना विश्वास जताया।



मुख्य सचिव द्वारा हरियाणा रेल के उत्कृष्ट सेवाओं के लिए सुश्री ज्योति सांगवान, श्री चंद्रशेखर, श्री ललित कुमार, सुश्री प्रिया सिंह, श्री सुनील कुमार, श्री विनीत गुम्बर, श्री राजा वाष्णीय और श्री मनीष कुमार यादव को पुरस्कृत किया गया। समारोह का समापन विभिन्न सांस्कृतिक कार्यक्रमों द्वारा किया गया।



पुरस्कृत कर्मचारियों के साथ मुख्य सचिव हरियाणा



श्री संजीव कौशल जी द्वारा IRCON International Tower में हरियाणा रेल के नए कार्यालय का उद्घाटन किया गया। हरियाणा रेल के विस्तार को देखते हुए यह ऑफिस IRCON से लीज पर लिया गया है। हरियाणा ऑर्बिटल रेल के कार्य प्रगति को चित्र प्रदर्शनी द्वारा दर्शाया गया था जिसके द्वारा परियोजना की प्रगति का निरीक्षण माननीय मुख्य सचिव हरियाणा सरकार एवं अन्य वरिष्ठ अधिकारियों द्वारा किया गया। एचआरआईडीसी के कॉर्पोरेट वीडियो द्वारा प्रोजेक्ट की प्रगति को दर्शाया गया। श्री संजीव कौशल जी द्वारा मीडिया के साथ संवाद किया गया और प्रोजेक्ट के बारे में मीडिया के प्रश्नों का उत्तर दिया।

## Republic Day Celebration



Republic Day Celebration at New Office of HRIDC

75th Republic Day was celebrated on 26.01.2024 in HRIDC with the National Flag hoisting by MD, HRIDC at the new office of HRIDC in Sector 32, Gurugram. On this occasion, family of HRIDC officers have also boosted the morale of HRIDC team by attending the Republic Day function. MD, HRIDC addressed the HRIDC team with the theme of 75th Republic Day i.e. 'विकसित भारत' और 'भारत लोकतंत्र की मात्रका' and motivated the team for achieving the HRIDC targets efficiently.



## World Tunnel Congress 2024

The World Tunnel Congress 2024 was held in Shenzhen, China, from April 19 to 25, organized by the International Tunnelling and Underground Space Association (ITA). Three HRIDC officers—Sh. Rajiv Ranjan Kumar, Sh. Mandeep Singh, and Sh. Uma Maheshwar Rao—participated to update themselves on the latest developments and technical knowledge in tunnelling and underground space. The World Tunnel Congress included a field visit to the Shenzhen–Jiangmen Railway Pearl River Estuary Tunnel Site.



HRIDC Team at World Tunnel Congress

## Exploring Financing options for HORC



Team HRIDC at AIB

The HRIDC team visited:

- Beijing Fengtai Station: Featuring high-speed trains, conventional rail, and an underground metro.
- Badaling Great Wall Station: The deepest high-speed railway station.
- Bullet Train and Maglev Train: Traveled from Beijing to Shanghai and experienced the Maglev train.

These visits provided valuable insights into advanced rail systems. The team, led by ACS/PW(B&R)/GoH and MD/HRIDC, also visited the AIB Headquarters in Beijing and the New Development Bank Headquarters in Shanghai.



Team HRIDC at New Development Bank

## Opportunity for Public Investment in HORCL

The Board of Directors & Shareholders of HORCL have decided to increase the Authorized share Capital of HORCL from Rs. 1500 Cr. to Rs. 2500 Cr. as per revised financial structuring of HOCR Project. The additional shares have been offered to the existing shareholders of HORCL. HRIDC is also planning to float an Expression of Interest to explore new equity participants to raise the equity of HORCL and to dilute its own shareholding in HORCL.

It is pertinent to mention that Land Acquisition of HOCR Project has been completed and majority of contracts have been awarded, remaining few are in the final stages of award. The priority section (Patli - Manesar- MSIL) of HOCR project is nearing completion and is likely to be commissioned in Q-3 of 2024. Thereafter project will start generating Revenues.

As the HOCR Project has reached to more visible stage and risk are minimised, the private investors especially in the field of logistics, transportation etc. may find it attractive to participate in the upcoming EoI.





CS/GoH interacting with media on foundation day



Meeting with Member Infrastructure, Railway Board



Visit to ACS/Housing /UP for EORC Project Feasibility



CS/GoH on inauguration of New Office



Team HRIDC on Foundation Day



Cultural Program on Foundation Day