

NEWS LETTER

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"Official launch of CMRL-BHIM-SBI PAY App

CMRL in association with SBI, on 11/04/2018, officially launched the SBI Pay app exclusively for the commuters of Chennai Metro. The event was held at Koyambedu metro station. Shri Pankaj Kumar Bansal IAS., Managing Director, CMRL along with SBI DMD Smt. Padmaja Chunduru introduced the app to the public.

Director (Finance) and Director (Systems & Operations) along with officers and staff of CMRL and Sbi CGM & GM participated in the event.

App features:

The UPI based SBI Pay app is a user-friendly app that can sync with other banks UPI/e-Wallets and it is real-time based. It has a hassle-free registration process and commuters can initiate cashless top-up their travel cards, purchase tokens with this app. Besides, commuters can use their own Bank's UPI app (presently 64 banks active) to make transactions, which makes this solution more interoperable. As the MIS and transaction history are instantaneous, commuters can easily confirm the status of their transactions. Simple yet state of the art technology and secure, it is an ideal tool for all walks of life who commute in Chennai metro. It enables and helps our society inclining towards the cashless and digital economy.

The app is available at all Elevated Metro Stations



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Different Methods of Construction

The Metro Rail system is recognised as a modern mass rapid transport system all over the world. In elevated metro construction, the metro stations are connected by Viaducts. The viaducts consist of RCC piers, Pier Pedestals ie Segments, Tracks, 25 KV Overhead Electrical Traction. In Chennai Metro Rail Project, viaducts are constructed using several methods. The project has implemented few innovative construction methods where diversion of roads at busy road junctions are not possible and at southern railway tracks.

The construction methods adopted were an engineering feat in itself.

BALANCED CANTILEVER SPAN

The construction of a Balanced Cantilever over Kathipara flyover is added heritage Gate way of Chennai. The Balanced Cantilever is 177.352 m long, with the Central Span being the longest with 75.068m (constant width 8.8m). The structure is at an average of 20m from Ground level (with a clearance of 13m from the existing Kathipara Flyover)



SALIENT FEATURES:



- The 2 Piers supporting the mid span (75.068m) are constructed over 6 pile group foundations with an unique, aesthetic double pier system to carry the heavy loads.
- The Pier head segment is 5x8.8x5m. It is cast by providing staging arrangement from GL
- The Anchoring Pier- has on Open foundation
- The other Anchoring Pier is a Double Level Portal Pier (2 Tier) Open foundation type. The double level is for Corridor 1 in the first level and for anchoring the Balanced Cantilever on the Second Level (Corridor 2).
- Whole structure was constructed without providing any temporary supports from underneath.

GUINDY RAIL OVERBRIDGE

An obligatory span has been made at the Guindy railway track crossing by provision of steel girders without affecting train traffic beneath. The overall depth of truss is 8650mm and width is 11330mm. The thickness of the deck slab is 200mm and the length of the truss is 69.25m and 35.294m. The pulling frame is erected in position at P62. The spreader beam is connected to the rear end of the truss. The roller supports (Hillman rollers) are anchored over the pier cap. The truss is lowered over the roller supports (Hillman rollers). The pulling frame is connected to the spreader beam using HTS strands. The launching operations will be carried out only under complete line block and power block.



SHIELDING IN AIRPORT ZONE

As certain stretches of both the elevated Corridors, pass through the flight landing path zone and as the train movements may distract the attention of flight pilots, as per the requirement of Airport Authority, shieldings are being provided for about 2 km length, so that the movement of trains will not distract the Pilots.

Educational trips for Government School Students and ICF Schools conducted for the academic year 2017-18

In an attempt to bring awareness to the students of Government Schools across the Metro Rail alignment in the city, CMRL planned monthly educational trips from Nehru Park to Airport for the students. The features of the Metro Train and its Stations were explained to the students.

A total of 19,500 students from Government and Corporation Schools and ICF schools had taken these education trips during the year 2017-18.

Nearly 200 schools were given a trip from Nehru Park to Airport and were briefed about the facilities provided by Metro Rail including various safety features available in the Metro Stations and Trains.



Distribution of 25,000 Clothes for Chennai Metro Rail Construction Workers

Rajasthan Cosmo Club foundation – Cloth Bank has distributed 25,000 clothes under Gaj Bhar Kapda Scheme and New Cloth Scheme by Chief Guest DR..M. C. Sarangan IPS, Additional Commissioner of Police (Law and Order) South to Tmt. Sujatha Jayaraj, Director Finance, Chennai Metro Rail Ltd received the clothes on behalf of the Chennai Metro Rail construction workers and for The Blind Associations of Tamil Nadu on 29-04-2018

Walkalators connecting terminals and Metro Station opened at Chennai Airport

Passengers will now be able to use walkalators to access international and domestic terminals and the Airport Metro Station as Airports Authority of India (AAI) commissioned the facilities on 14-04-2018. With the stretch linking the international terminal opened, the entire walkalator tube that runs before the terminals and connects to the Airport Metro Station.

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