

**Press Release**

**Double Decker Line and Station standing in single pillar is planned in Phase 2 of CMRL Project says Thiru. T. Archunan, Director (Projects)**

Chennai Metro Rail Limited has commenced the expansion of the Chennai city's metro rail network as a part of Phase II after the successful completion of the Phase I and Phase I Extension Corridors in stages since June 2015 and the growing ridership in Corridors 1&2.

Now, CMRL has ventured into an extensive infrastructure development in the city comprising of 3 more corridors of metro rail for a total length of 118.9 km & 128 nos of stations being funded by several multi-national funding agencies including the JICA, ADB and AIB.

**The Salient & Unique features of Phase II**

**Elevated Section**

- CMRL will have a Double decker line & station standing in single pillar for a stretch of about 5 km. The double-decker stretch will have four stations developed at two levels, Alwarthirunagar, Valasaravakkam, Karambakkam and Alapakkam, and there will be common concourse (ticketing level) with two different platforms. To execute the same, a special Launching Girder is fabricated and ready for use.
- Many Balanced Cantilever method spans are adopted as special spans to suit the site conditions. Out of all, the challenging location is Kathipara Junction. 5 span continuous BCM (1 x 58m + 3 x 100m + 1 x 95m) with 125m radius curve.
- Integrating with State Highway flyover at Thoraipakkam, Sholinganallur, Kattupakkam, Majambakkam & MIOT flyover location.

**Underground Section**

- Stacked station: CMRL has planned to go with underground stations with a stacked-up platform design at locations where the width of the roads is as narrow as 10m. Pattalam, Thirumayilai, Kutchery, Alwarpet, Bhardhidhasan road stations are with stacked tunnels.
- Intersection of Tunnel: At Kilpauk, Thousand light and Nandanam, Phase II tunnels are passing below the Phase I running tunnels. More challenging to execute the same.
- Crossing of Adyar River: Corridor 3 crosses Adyar River near Adyar Junction (UG). The Crown of the Tunnel is 7 m below the bed level.

As part of Multi-Modal Integration, the Phase-II Network will be integrated with other public transport modes namely Suburban Rail, MRTS, City Bus Service, etc. at 21 different locations to ensure hassle-free and seamless connectivity.

**Issued By: Joint Director / Public Relations Officer**

**CMRL, Chennai – 600107**