

In phase-2, metro will link transit systems at 16 interchange stations

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When the 118.9km phase-2 of metro rail opens in a decade, it will not only connect the suburbs to the city but also interlink different modes of transport.

At the heart of this network will be interchange stations which will make commuting from Madhavaram and Siruseri to the core city hassle-free.

As the detailed design is being prepared for the 52km priority corridor and another 10km line, Chennai Metro Rail Ltd (CMRL) has confirmed that commuters can choose from 16 stations to shift between two metro corridors, move to suburban or MRTS line, or board an MTC bus from a depot. These include interchanges at Perambur, Chetpet, Adyar, Nandanam, Kodambakkam, Alandur, Anna Nagar and Villivakkam.

Construction of the 52km priority corridor (part of corridors 3 and 5) — that will link Madhavaram to Sholinganallur, and Madhavaram to CMBT — will be taken up this year. The 10km will be part of corridor 4 linking Lighthouse to Vadapalani.

“Interchange stations will be linked through pedestrian subways, pathways, foot over-bridges or skywalks for easy movement of passengers,” an official said.

At present, the 45km phase-1 has interchanges at Central, Alandur, Egmore, St Thomas Mount, CMBT, Mannadi and the airport.

In phase-2, between Madhavaram and Sholinganallur, there will be seven stations where commuters can change metro corridors or opt for another mode of transport. A commuter heading from Madhavaram to the airport can disembark at Chetpet and board a suburban train on the Beach-Tambaram route to reach the airport.

In the same corridor, while Aynavaram and Adyar depots may give easy access to MTC buses, commuters can shift between two metro corridors at Kilpauk. A passenger travelling from the northern suburbs along Madhavaram or southern fringes along OMR can reach Egmore or Central by shifting between the two corridors at Kilpauk.

In the line between Madhavaram and CMBT, CMRL has planned six interchange stations. The new corridor will be linked to existing phase-1 stations at St Thomas Mount, Alandur and CMBT. It means, a passenger heading from Kovilambakkam or Perumbakkam on the OMR towards the airport or central station could shift corridors at Alandur or CMBT or move to suburban services at St Thomas Mount.

At Villivakkam station, commuters can access Villivakkam suburban station to travel on Central-Tiruvallur suburban line, or head to Villivakkam bus terminus.

On the line between Lighthouse and Vadapalani, Nandanam, Kodambakkam and Vadapalani have been planned as interchange stations. While Nandanam and Vadapalani will be linked with those built in phase-1, commuters can shift to suburban train services at Kodambakkam.

CONNECTING ALL CORNERS

COMMUTERS CAN CHOOSE BETWEEN SUBURBAN SERVICES AND MTC BUSES



Distance covered | **118.9km**



Stations | **128**

Interchange stations **16**

INTERCHANGE STATIONS

Corridor 3 | Perambur Metro, Aynavaram, Kilpauk, Chetpet, Mandaveli, Adyar Depot and Indira Nagar

Corridor 4 | Nandanam, Kodambakkam and Vadapalani

Corridor 5 | St Thomas Mount, Alandur, CMBT, Anna Nagar Depot, Villivakkam Bus Terminus and Villivakkam Metro

Poonamallee

Underground interchange stations **11**

Corridor 4 | Lighthouse to Poonamallee (26.1km)

FACILITIES PLANNED

For pedestrians | Pathways, skywalks, subways, foot over-bridge

Traffic dispersal | Continuous footpath, bus stops, pick-up and drop-off areas, traffic signage, parking near entry/exit, pedestrian crossing facilities, road markings, signals, speed tables and non-motorised transport crossings



Parking will be linked to interchange stations through pedestrian pathways and subways

DEPOTS

3 facilities planned for phase-2

MADHAVARAM DEPOT

Will cater to corridors 3 and 5 | Spread over 27.8 hectares | Will have 49 lines and can handle 6-car trains | Maintenance and overhauling to be carried out

POONAMALLEE DEPOT

Will cater to corridor 4 | Spread over 15.4 hectares | Will have 31 lines and can handle 6-car trains | Provide maintenance and overhauling services

SIPCOT DEPOT

Elevated depot for corridor 5 | Spread over 4.5 hectares | Will have 22 lines for 6-car trains | Facilitate elevated stabling, inspection and washing

