

₹449.23 cr

is the cost of laying tracks. This project is a joint venture of Larsen and Toubro, Alstom Transport, SA and Alstom Project India

## 22 km

Koyambedu to St Thomas Mount stretch is part of the 22-km Chennai Central-St Thomas Mount line (Corridor-II) STANDARD GAUGE IS PREFERRED FOR RAIL TRACKS BECAUSE MOST OF THE METRO'S COMPONENTS ARE IMPORTED. MANUFACTURERS ACROSS THE WORLD USE STANDARD GAUGE | Metro Rail official

Work On Koyambedu-St Thomas Mount Stretch Is Progressing Fast, Set To Meet 2013 Deadline

# Tracks soon on 100 Ft Rd

V Ayyappan | TNN

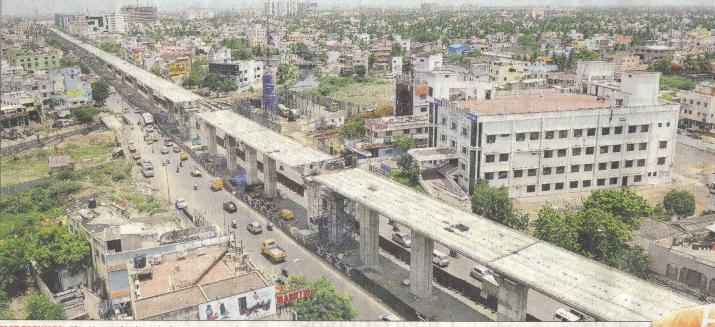
etro Rail is on track to meet its 2013 deadline to run trains between Koyambedu and St Thomas Mount along an elevated line. With works progressing at a rapid pace, the Chennai Metro Rail Corporation will begin to lay tracks in the section from January 2012.

Elevated viaducts have been placed over pillars for about 1.5km from Koyambedu on the Koyambedu-St Thomas Mount stretch. Works are on to build the elevated viaducts for the rest of the section.

Koyambedu to St Thomas Mount stretch is part of the 22-km Chennai Central-St Thomas Mount line (Corridor-II). After installing viaducts, firming up the surface on top of the viaducts, laying of tracks and construction of stations, Metro Rail will run trial services from Koyambedu to St Thomas Mount by 2013-end.

The track laying is taken up as a joint venture by Larsen and Toubro (L&T), Alstom Transport, SA and Alstom Project India at a cost of ₹449.23 crore. Track laying will start from Koyambedu. "The tracks are going to be imported," said Metro Rail general manager (public relations) S Krishnamoorthy.

The tracks will be of standard gauge (4 feet and 8.5 inches) which



FAST FORWARD: The Koyambedu-Ashok Nagar stretch, complete with elevated viaducts, is expected to be finished first

has a low turning radius. This has been used for metro rail networks in several world cities like Cairo, Madrid, Bangkok, Manila and Beijing. "Standard gauge is preferred because most of the metro's components are imported. Manufacturers across the world build machines, coaches and engines on standard gauge. It's easier to source track laying equipment and rolling stock of global standard if the gauge we follow is the same as the one used worldwide. Metro Rail will be able to get the best companies to build its infrastructure," a senior official said.

The Koyambedu-Ashok Nagar stretch will be completed first because the contract to install the elevated viaduct was awarded to Soma Constructions as early as in February 2009. L&T, which won the contract to build the elevated viaduct from Ashok Nagar to St Thomas Mount in January 2010 have also started a good portion of the works.

On the same corridor, the stretch from Chennai Central to Koyambedu is underground. Preliminary works like soil testing have started along Poonamallee High Road under which tunnels will run till they reach Aminjikarai. Soil tests have been completed near Chennai Central.

"Soil tests are essential to finalise the design of tunnels and underground stations," said a Metro Rail official. Metro Rail is planning to start boring works by year-end when tunnel boring machines would arrive from abroad.

#### **Two Metro Lines**

Corridor I: Washermenpet to Chennai airport (via Anna Salai)

Corridor II: Chennai Central station to St Thomas Mount (via Kovambedu)

#### **PROGRESS SO FAR:**

- 1) Chennai Central to Saidapet (underground) stretch of Corridor I: Soil tests began two months ago. Tunnel boring machines will be employed to avoid digging out earth for the underground construction. This work is expected to begin in December.
- 2) Saidapet to Officers Training
  Academy stretch of Corridor I: Pile
  work has been completed and
  pillars are being erected. Viaducts
  will be installed near Officers
  Training Academy soon. Work on
  metro station at Guindy has begun.

3) Chennai Central to Koyambedu (underground) stretch of Corridor II: Soil tests were carried

Soil tests
were carried
out in June at
Chennai Central
and Egmore

4) Koyambedu-St
Thomas Mount stretch
of Corridor II: Tracks
will be laid first in this
section. Work is set to
begin near Kathipara
flyover and at Kasi theatre

### **Moving Ahead One Step At A Time**

AGE 1 STAGE

9

STACE 3

STACE !

TAPE !

