

## Bangalore Metro Rail Watch

Legal Body: [Bangalore Mass Rapid Transit Ltd](#) (BMRTL)

[Routes](#): East-West (18.1 km) & North-South (14.9 km) Corridors

Total length of project: 33 km

Type: Elevated and underground

[Number Of Stations](#): 32

Number Of Commuters Per Day: 820,000

Ground-level preparations for the ambitious metro rail project in **Bangalore** are being made with the State Government freezing development activity in 247 premises and buildings it had tentatively identified for this purpose. The govt has asked the Bangalore City Corporation, BDA and other civic bodies to seek a no-objection certificate (NoC) from the BMRTL before it approves any construction activity.

Bangalore Metro will have a standard gauge and will take cover under the 100-year old Mysore Tramways Act, which will require some amendments by the state government to suit the present day needs. With this, BMRTL can avoid going to the railway ministry for all sanctions.

Work on Phase I is yet to begin [as of Nov 2004] but the government has already announced the plans for Phase II. We call this "good vision".

- Total length of project: 50 km
- Will connect the two technology hubs of Electronic city and International Tech Park in Whitefield.
- Project Start Date: 2009
- Type: Elevated

Monorail is very expensive and the **return on investment** [ROI] is very low. Mono Rail system costs Rs 120 crore per km, against Metro Rail's Rs 75 crore per km. Metro Rail had a capacity to carry 45,000-50,000 passengers per hour, while Mono Rail can carry only 10,000-12,000 passengers per hour.

The construction of the metro columns would be done in two-km stretches and traffic would be affected for two to three months at a time. There will be 18 columns every two km. Since only seven meters of the main road are occupied, traffic will not be affected. In the piling stage, work will begin in the evenings. The columns will be transported from the off-site area and set up at night. Each column 1.5 meters wide and 5.5 meters high is laid.



This photograph is of the Delhi Metro Rail System. The Bangalore Metro is designed and to be built under the same guidelines.

