

4. SMART ROADS – COIMBATORE

“Enabling seamless mobility”

– Part of vision of Coimbatore as expressed in its Smart City Proposal (SCP)

CONTEXT

Coimbatore with a population of 1,051,721 (according to the 2011 census) and a decadal growth rate of around 20% is a rapidly growing city in Tamil Nadu. It is a hub of economic activity and is famous for its textile manufacturing also known as Manchester of South India. The city needs to sustainably manage the increasing travel demand of both its resident as well as a sizeable floating population.

THE INTERVENTION

Project description

As a key step in achieving its goal of seamless mobility for citizens, Coimbatore Smart City is developing Smart Roads. Walking constitutes around 20% of all trips in Coimbatore; hence, a considerable emphasis has been given on improving pedestrian facilities / amenities. A plan for a network of ‘Complete Streets’ has been prepared for 49 km. The key features include high quality walking and cycling facilities, improved access to public transport, organized parking and vending zones as well as streamlined junctions.

For the first phase of the project following six roads have been identified: DB Road, TV Swamy Road, Sanganoor Road, NSR Road, Masakalipalayam Road and Race Course Road, making up a total of 13.1 km; the design for these roads has been prepared. Implementation has started for 2 roads: D.B and T.V Swamy roads (3 km stretch), which is expected to be completed by July 2017.

Key outputs/ outcomes

The expected benefits of the project are:

- Improved walkability
- Safety of pedestrians and cyclists
- Improved Public Transport ridership
- Better parking facilities
- Improved Junction geometrics
- Enhances public amenities including accessible vending zones

Impacts

The project is expected to enhance mobility of the citizens with improved quality of travel as well as contribute to reduction in pollution level.

Support and mobilized resources

Coimbatore Smart City Limited is implementing the project



Proposed Smart Road – Coimbatore