

6. SMART ROAD – DAVANAGERE

“Liveable, Convenient and Safe Davanagere”

– Part of goals of Davanagere as expressed in its Smart City Proposal (SCP)

CONTEXT

Davanagere, situated in Karnataka and has a population of 4.34 lakhs, and has been well known for its textile industry. Davanagere has around 1,010 km of city roads. However, many roads in Davanagere city are not in good condition/upkeep, with insufficient storm water drains, incomplete water & sewerage networks, insufficient street lighting, overhead utility ducting and insufficient footpaths. This made the roads open to hazards.

THE INTERVENTION

Project description

Davanagere City Corporation has embarked on a project plan to improve the quality of its city roads. Under the plan, ten roads have been identified in the ABD area; these roads are to be taken up for implementation of the smart roads components in the first phase of project. The smart components of the project are:

- Underground utility corridor on both sides (electricity, data, cable & gas)
- Underground sewerage network
- Underground water supply lines (both sides)
- Underground storm water system (both sides)
- Smart concrete road with footpath, LED street lighting, street-scaping etc.



Concept image: Section of Smart Road in Davanagere

Out of these 10 roads, 4 roads were selected for the first phase for development; these are Mandipet Road, Chowkipet Road, Chamarajpet Road and M. G Road.

Key outputs/ outcomes

The likely benefits of the Smart Roads project in Davanagere are in the following areas:

- Improved walkability
- Better Safety of pedestrians and cyclists with lower rate of accidents
- Better parking facilities
- Improved Junction geometrics
- LED street lights will lead to energy savings
- Enhances public amenities including accessible vending zones

Impacts

The project intervention is expected to enhance economic and social life of citizens by providing: (a) better mobility and improved quality of travel, (b) increased Non-Motorized Traffic (NMT) share and (c) enhanced walkability; thereby reduce pollution levels and GHG emissions.

Support and mobilized resources

Davanagere Smart City Limited is implementing the project.

