

# VI. SMART ROADS – INDORE

## CONTEXT

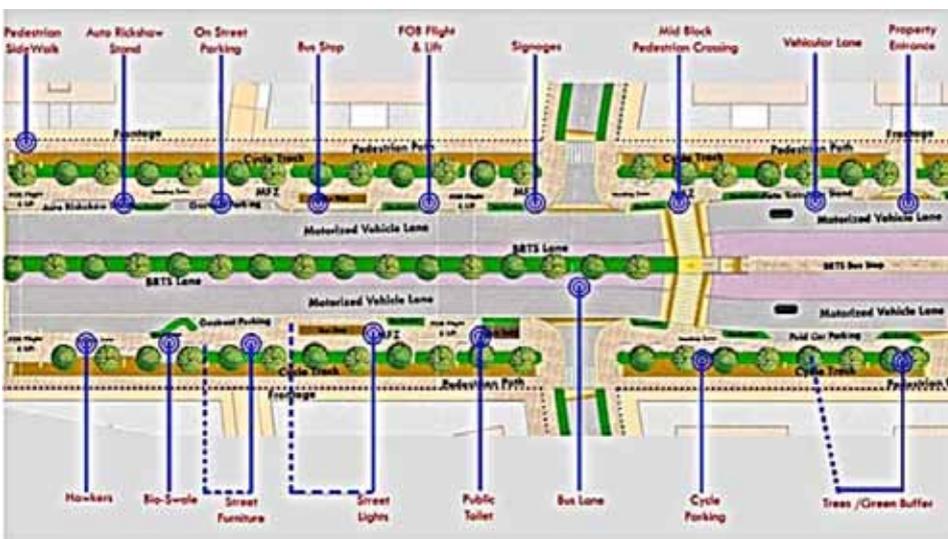
Indore is the largest and most populous city of the Indian state of Madhya Pradesh, with a population of about 2 million. Indore is a commercial centre for goods and services, and recently many IT sectors companies have set up have setup their operations in the city. Indore also has industrial hubs around Pithampur area of the city, which host about 1.5 thousand large, medium and small industrial set-up.

The city's population over the last census decade has seen an annual growth of about 2.86%; this has contributed to increased number of vehicles and traffic congestions on the city roads. This situation is more accentuated during civil works, like laying of cables or pipes, leading to acute traffic congestion.

## THE INTERVENTION

### Project description

The Indore Smart City Proposal has emphasized core infrastructure improvement and one of the major intervention under the same is the development of Smart Roads. Smart Roads will be free from any of the overhead utility cables & poles and provides for adequate spacing for any future work. The Smart Roads will provide better road surface and RCC (Roller-Compacted Concrete) utility trench; through proper placement of utilities, future



Proposed Layout of Smart Roads in Indore

maintenance interference will be minimized and utilities will be better protected.

The scope of the work for Smart Road includes:

- Construction of CC (Cement Concrete) roads
- Construction of RCC utility trench
- Laying of all utility services and providing house connections
- Providing proper central median, street-lighting

Currently construction work on Smart Road is in progress across Mhow Naka to Tori corner, Bada Ganpati to Jinsi Bus depot and Raj Mohalla to Bada Ganpati which a total length of 3.3 km. Once the construction works are completed, following immediate benefits are likely:

- Improvement in road geometry and alignment
- Improvement of junctions
- Provide better central divider and crossing
- Provide under-ground utilities trench
- Provide better street-lighting
- Lower possibility of traffic congestions on account of civil works