



SUTP Peering Event

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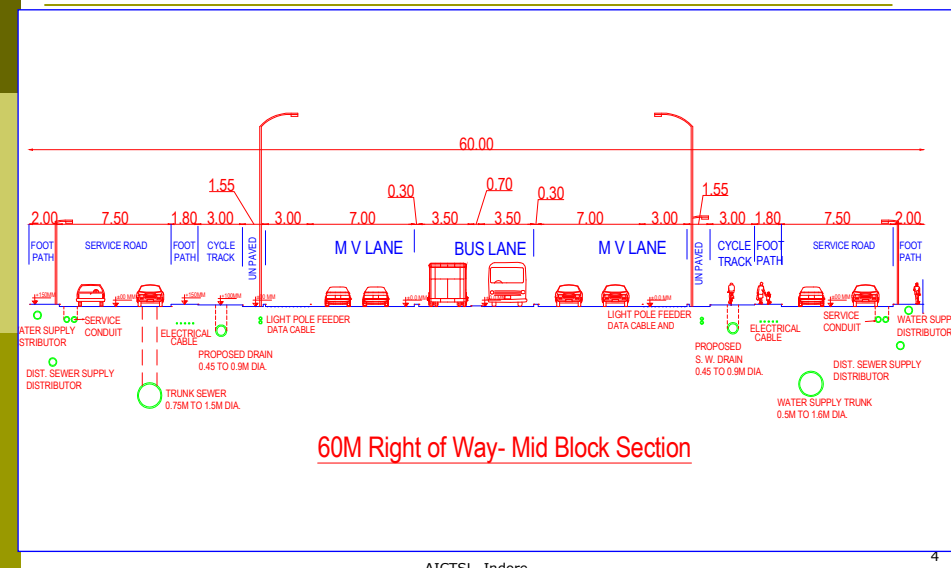
ABOUT INDORE

- Indore is **commercial capital** of the Madhya Pradesh.
- Population has grown from **1.64 m in 2001 to 2.29 m in 2011**
 - **Avg Annual Growth @ 3.4%**
 - **Decadal growth @ 39.76%**
 - **Expected to reach 2.78 m in 2021.**
- Registered vehicles have increased from **0.55 m in 2001 to 1.18 m in 2010** (10% per yr).
- Share of private vehicles more than **82% in total registered vehicles.**
- Accidents have increased from **2617 in 2001 to 3473 in 2010.**

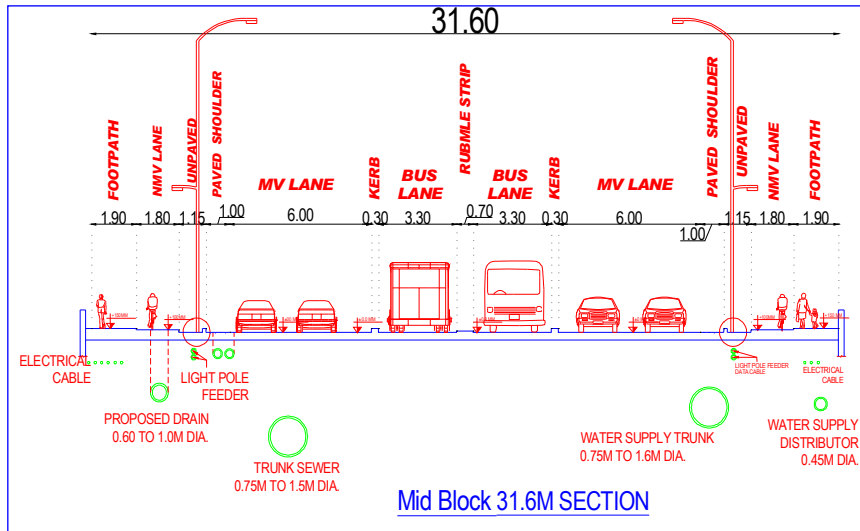
CURRENT STATUS OF PUBLIC TRANSPORT

- ❑ Currently 107 Busses are running on 15 Routes.
- ❑ Additional 62 buses will be introduced very soon on different routes.
- ❑ Carried more than 7.5 Million passengers in last three months.
- ❑ Streamlining bus Operation :-
 - Planning for operation of buses on PPP model on Sub-Urban routes.
 - 50 Semi-low Floor buses are being planned on A.B Road BRT corridor.
 - Procurement of the buses is in process.

INDORE BRTS



INDORE BRTS



OVERALL BENEFITS OF ITS PROJECT

- ❑ Improving the level of service of the public transport system.
- ❑ Enhancing safety of all road users in the BRT corridor.
- ❑ Improving responsive time for incidents in the corridor.
- ❑ Improving accountability & enhance transit user convenience.
- ❑ Generating data for performance monitoring to continuously improve fleet management & operations.

BRIEF OF THE ITS

□ THE COMPONENTS OF THE ITS ARCHITECTURE

- Transit signal priority.
- Automated Fare Collection System.
- Traveler Information through VMS signs.
- Network Surveillance with CCTV cameras.
- Traffic Management Center for centralized operations control.
- Algorithm Development.
- Data Archiving.

IMPLEMENTATION CHALLENGES OF BRTS.

Major Challenges

Solution / Initiative

- | | |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| □ Project need revised cost funding due to change in financing pattern of JnNURM. | → □ Revised cost funding plan is under process. Counter part funding is dependent on approval of Revised cost funding. |
| □ Delay in completion of BRTS due to other multi-functional services | → □ Weekly review / monitoring meeting is being taken by the district administration. |
| □ Finalization of bus shelters on BRTS | → □ The matter is with IMC. |

IMPLEMENTATION CHALLENGES OF ITS

Intelligent Transportation System is a pilot project first of its type , that is why many problems small or big are being faced.

- Revised cost estimate of Rupees 2,83,288,322, has been submitted by IBI. Against Initial estimate of Rs. 47 Cr (Approx) for one corridor.
 - **Deleting the provisions from GEF & including the same either in BUS Procurement or in the cost of bus shelter or differing the expenditure to future.**
- So in reality there is no cost cutting though two corridor have been deleted.
- EOI have been published for Communication Outreach & Accessibility Plan.
- ITS would be implemented with the completion of BRT Road work.

□ **Procurement**

- Action for the procurement of AC Buses exclusively for BRTS is in process.
- EOI for Communications Outreach and Accessibility Plan has been published.
- Procurement plan has been submitted but this may need revision depending on the approval of the DPR and completion of BRTS & finalization of provisions in one corridor.

□ **Financial Management**

- Flow of funds and counter part funding is delayed.
- Approval for revised counter part funding is awaited.

□ **Administrative**

- Project audit is in progress.



SHOWCASE PROJECT IN TRANSPORT

- Dedicated Urban Transport Fund, Unified Metropolitan Transportation Authority, Transit Oriented Development.
 - Government of Madhya Pradesh is working on these issues & a draft policy has already been prepared.
 - It is under submission to cabinet of M.P for approval.
- Cycle project.
 - Is proposed on the PPP model.
- Cycle rally organized.
 - To encourage people for non-motorized transport.
- Sub-Urban buses.
 - Operator has been put in on PPP model.

Thank You