

Bus Lane with Intermittent Priority

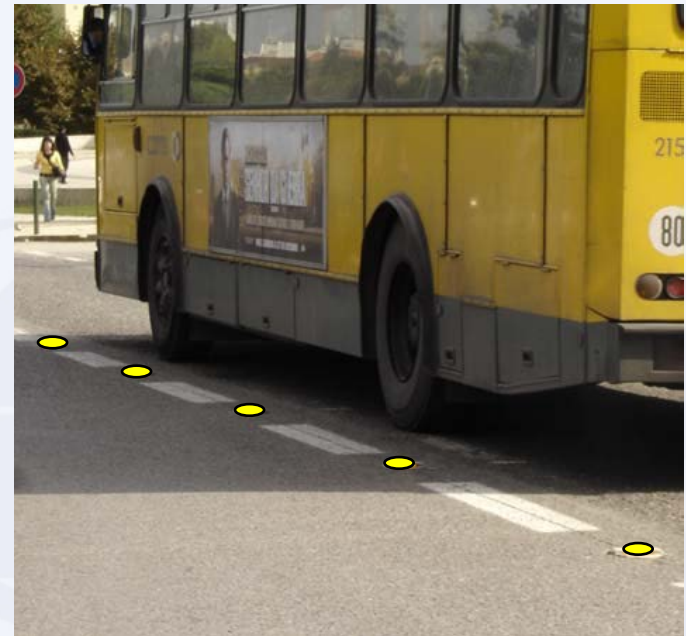
– Concept

- Exclusive bus lane provided when bus is present
- BLIMP lane controlled with

Overhead Lane-Use Control Signals

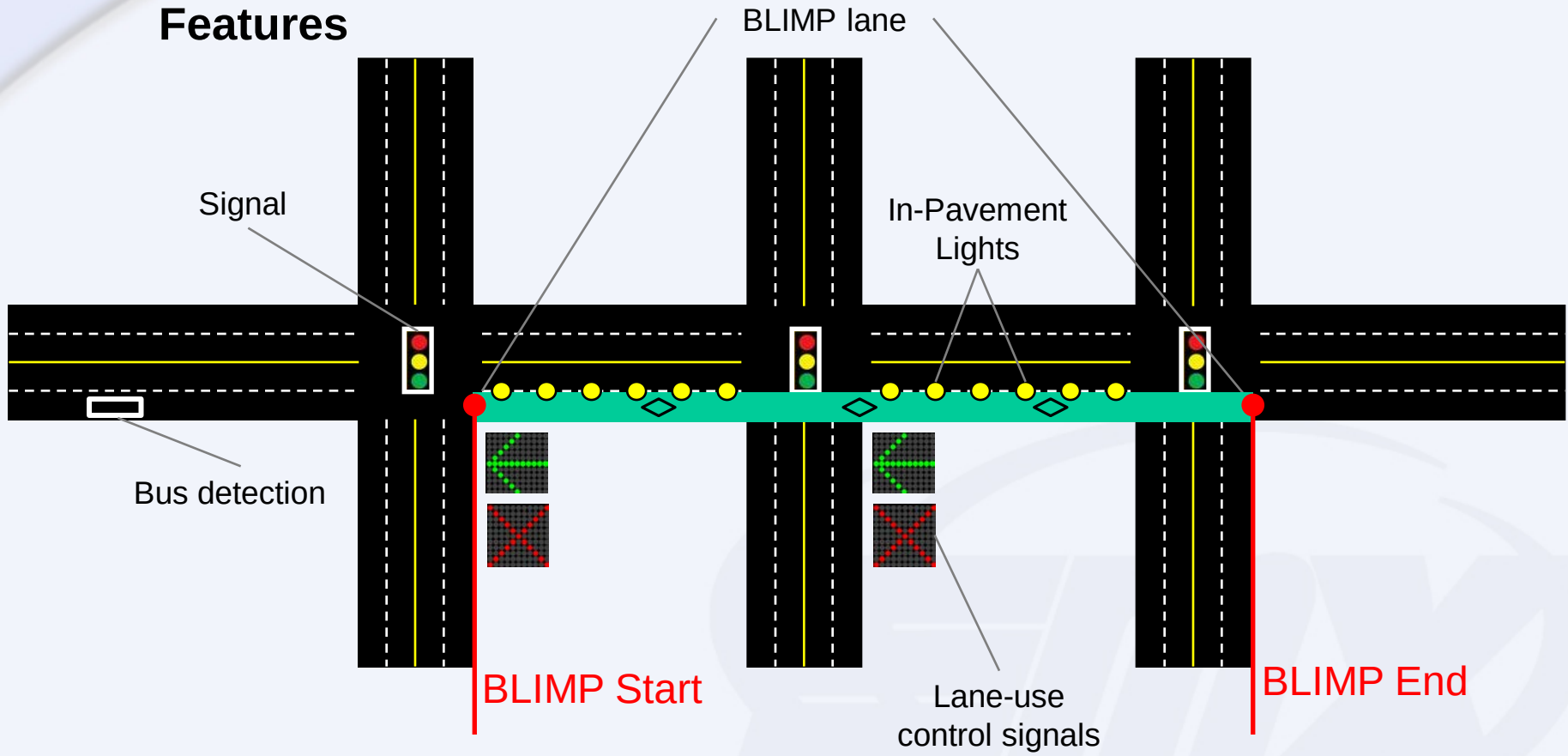


In-Pavement Lights



BLIMP Concept

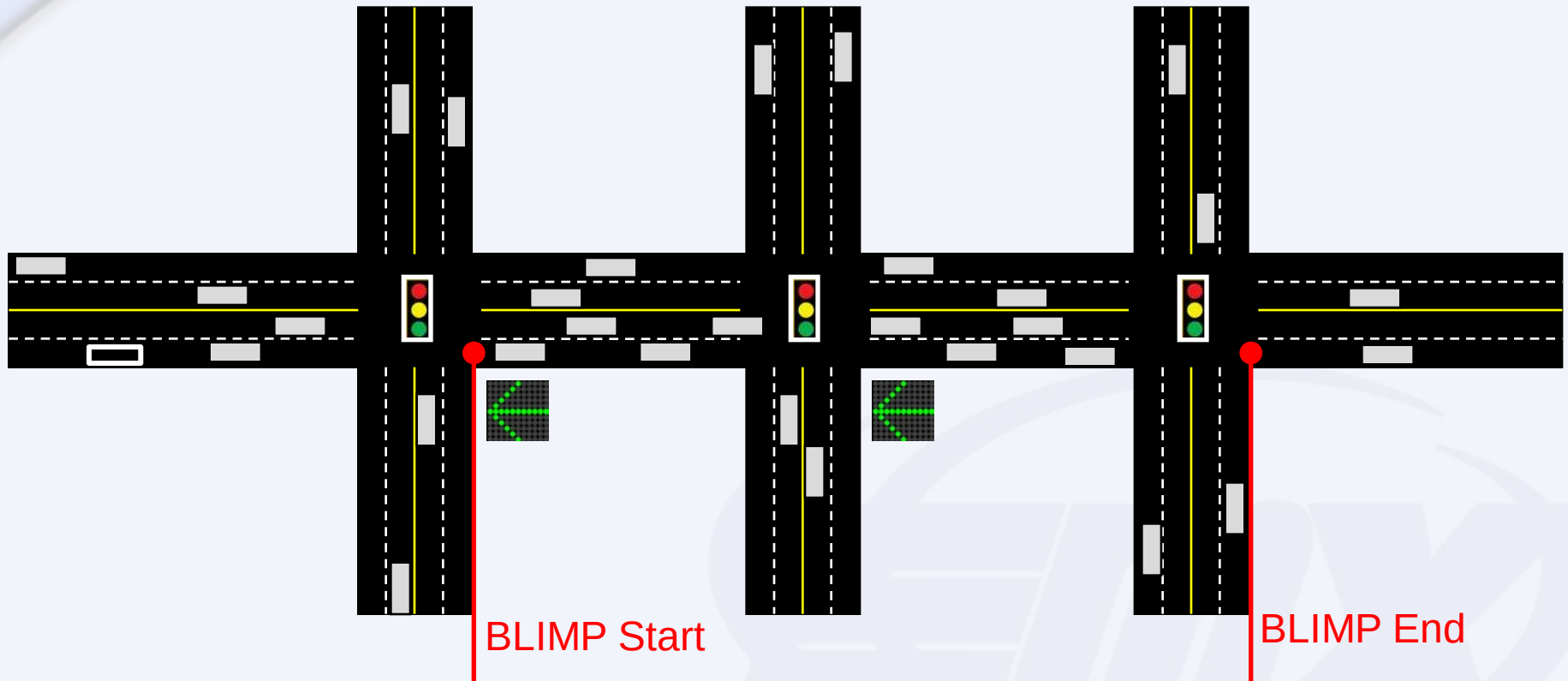
Features



-  = Lane open to general purpose traffic
-  = Lane open to bus only

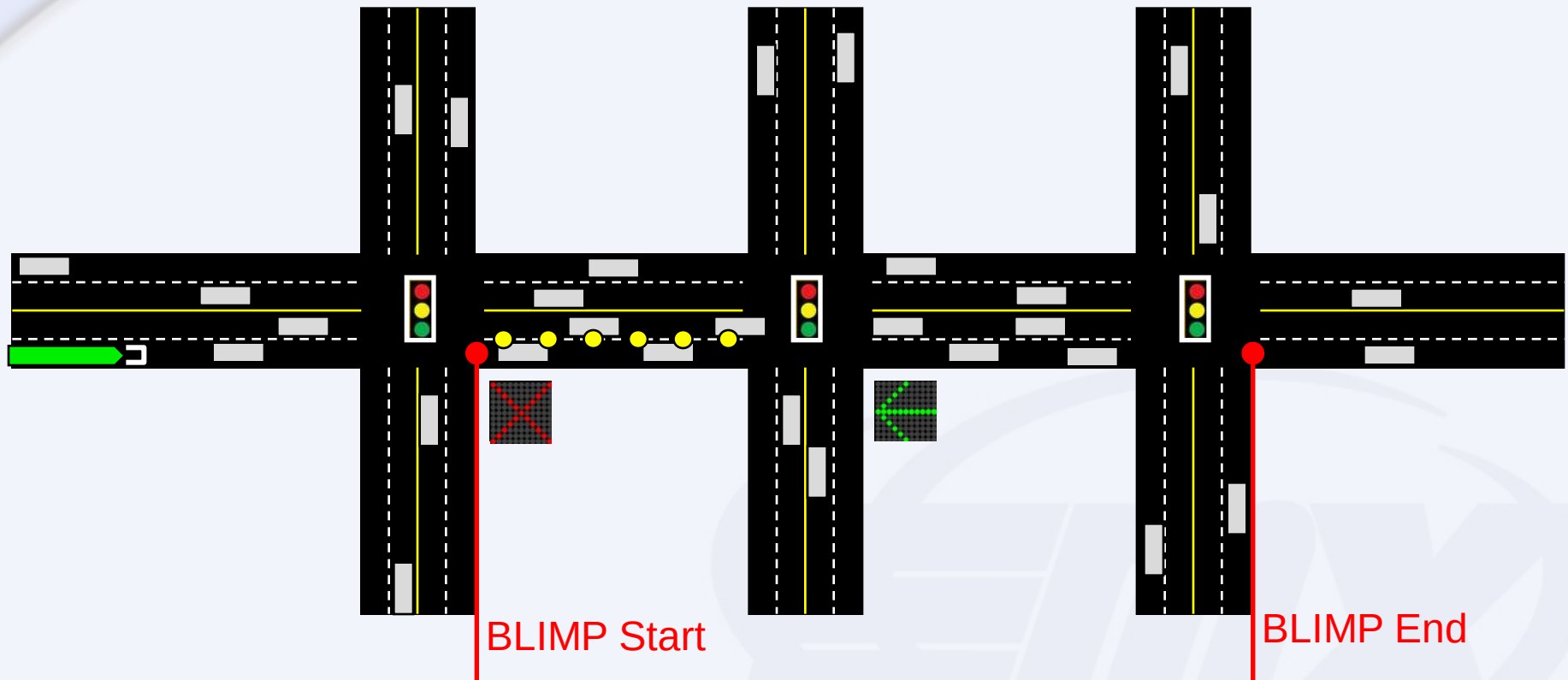
BLIMP Concept

All lanes open



BLIMP Concept

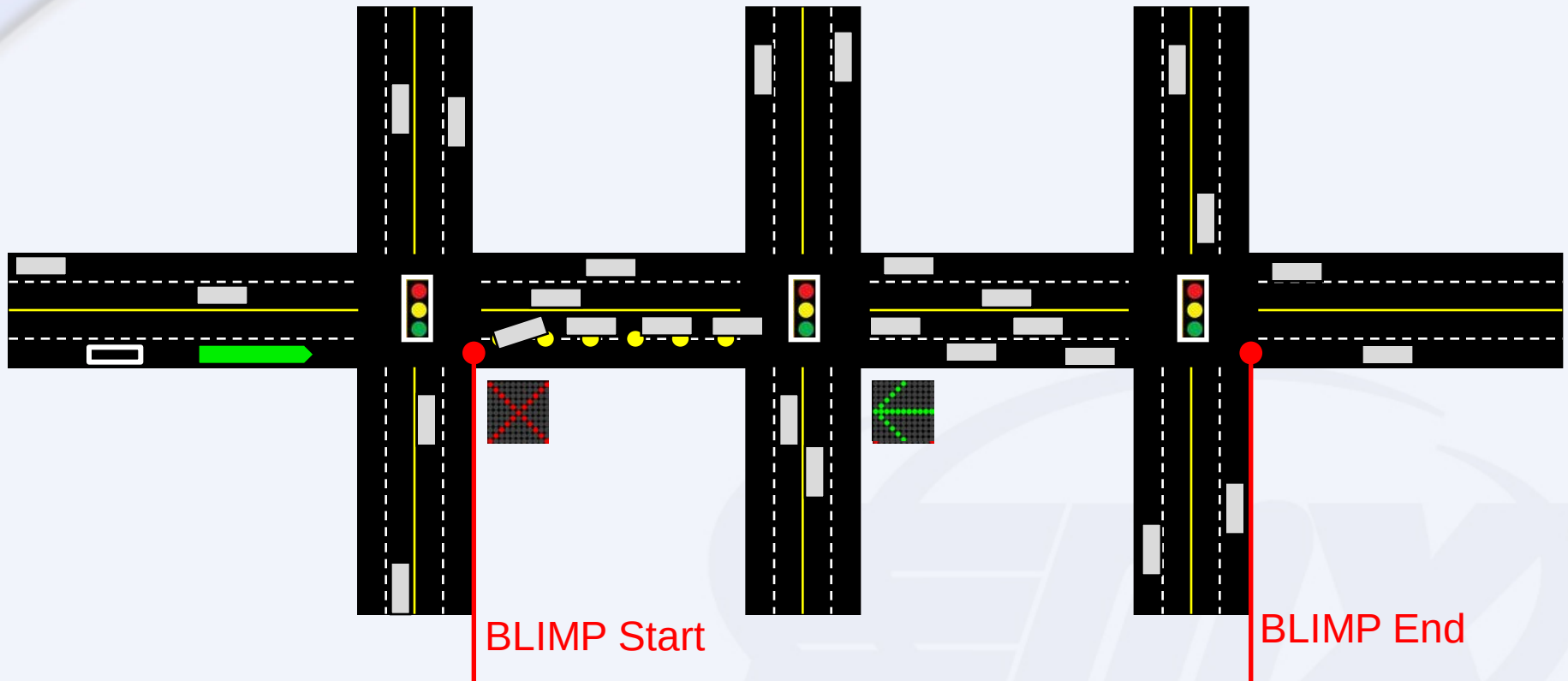
Bus approaches BLIMP lane



- Approaching bus detected
- Lane-use control signals change
- In-pavement lights flash

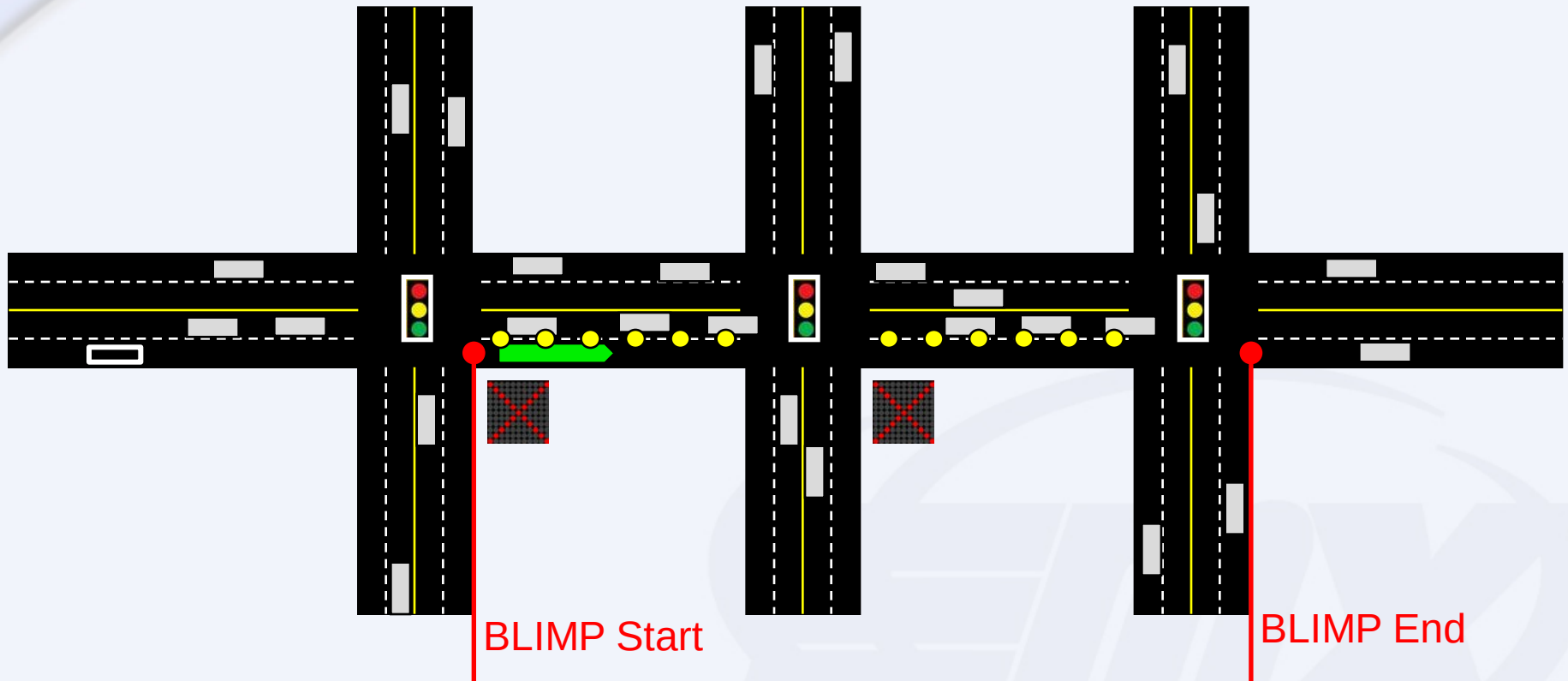
BLIMP Concept

General purpose traffic exits BLIMP lane



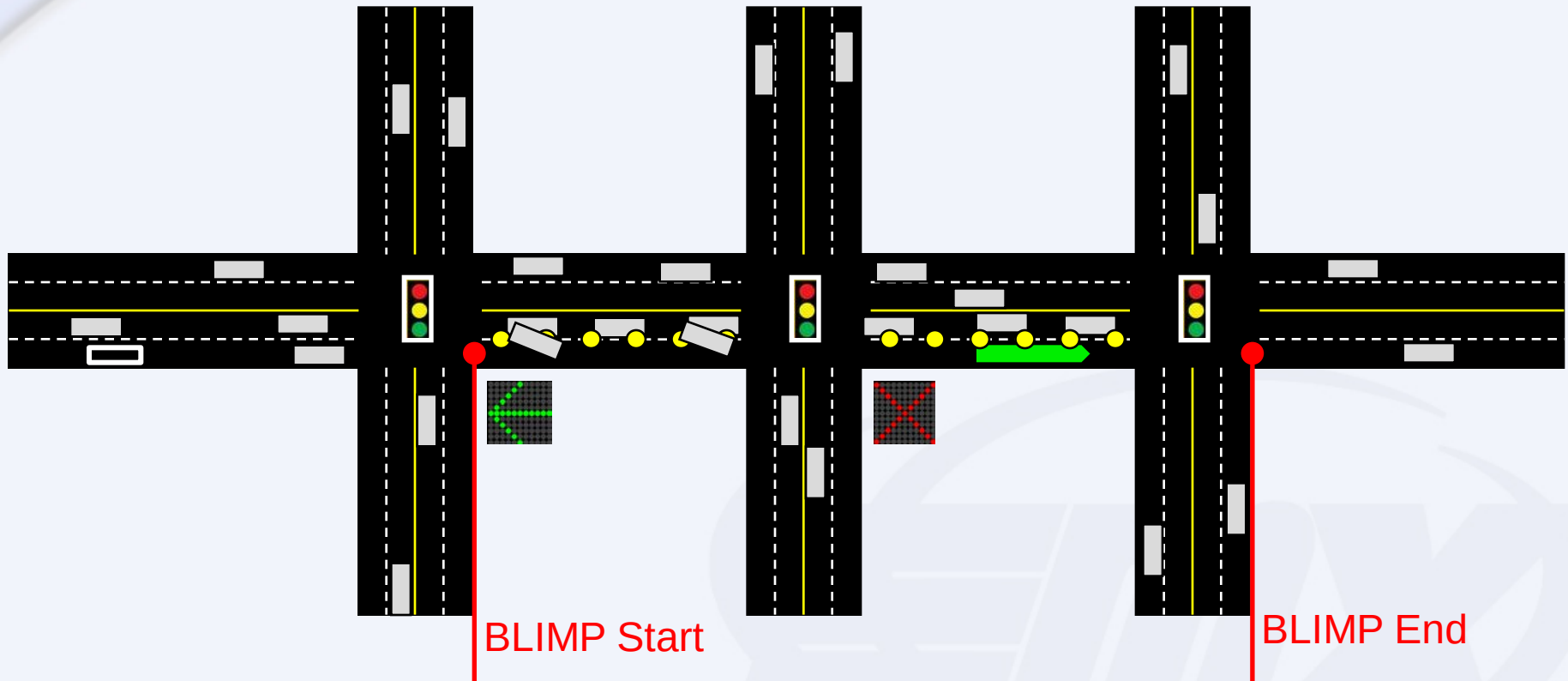
BLIMP Concept

Bus enters cleared BLIMP lane



BLIMP Concept

Bus travels along BLIMP lane



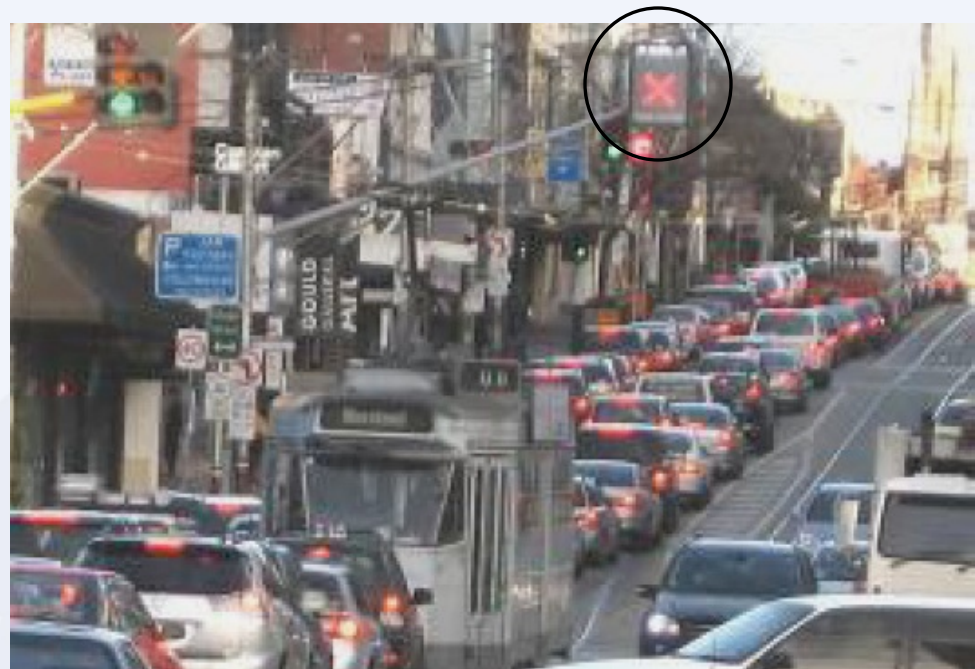
- Lane reopens to general purpose traffic after bus travels through each block

Where has it been applied

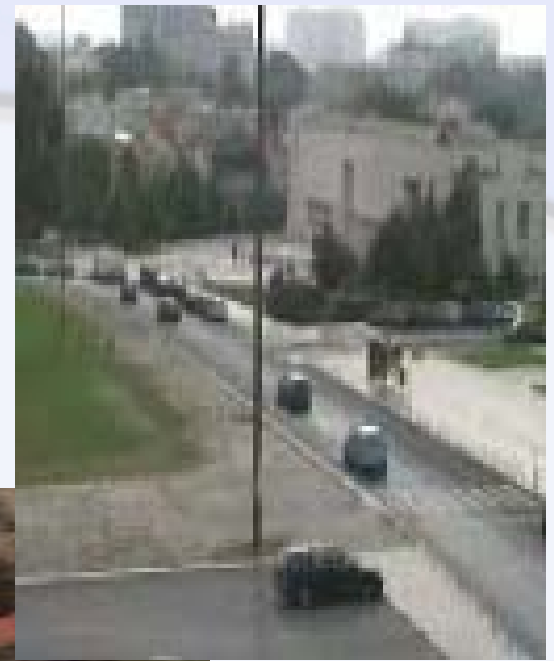
- **University Avenue, Lisbon, Portugal**
- **Toorak Avenue, Melbourne, Australia**



Dynamic Freeway, Melbourne, AU



University Avenue, – Lisbon, Portugal



Lisbon



a service of lane transit district

Corridor Modeled





