



Intelligent Road Studs

To enhance the safety of pedestrians at signalised junctions with right-turn facilities, the Land Transport Authority (LTA) will be implementing new intelligent road studs at selected locations.

Currently, at most signalised junctions, motorists are allowed to turn right if there are available gaps in the traffic from the opposite direction, even if the green arrow has not come on yet. There is feedback that some motorists were so pre-occupied with looking for gaps in the traffic that they did not notice pedestrians crossing alongside.

These new intelligent road studs will forewarn right-turning motorists to watch out for and give way to pedestrians at the signalised pedestrian crossings, thereby enhancing the safety of pedestrians.

What are Intelligent Road Studs (IRS)?

IRS are blinking Light Emitting Diode (LED) studs installed flush to the road surface along the pedestrian crossing line and linked to the pedestrian push button. They will start blinking when the push button is activated and the green man comes on. This will alert motorists who are turning right to also watch out for pedestrians.



Pilot Trial of IRS at Toa Payoh

The pilot trial at Toa Payoh from 06 October 2005 to 06 December 2005 was well received. 69% of pedestrians felt that it was safer at junctions, after the installation of IRS. From the motorists' perspective, 70% found that the level of safety had improved. 86% of road users surveyed were in favour of installation of IRS.

Location of new IRS

New IRS will be installed at 15 new sites identified, based on accident records, public feedback, as well as traffic and pedestrian volume. This will take place over a period of 6 months from the last quarter of 2006.

List of IRS Locations

1. Bishan Road/Street 14/Street 22
2. Toa Payoh Lorong 7/Toa Payoh East
3. Shunfu Road/Marymount Road
4. Toa Payoh Lorong 6/Toa Payoh Lorong 7
5. Commonwealth Avenue/Leng Kee Road/Alexandra Road
6. Eu Tong Sen Street/New Bridge Road/Cantonment Road/Outram Road
7. Bukit Panjang Ring Road/Bukit Panjang Road/Pending Road
8. Chin Swee Road/Havelock Road/Clemenceau Avenue
9. Marine Parade/Marine Crescent/Telok Kurau Road
10. Hougang Avenue 8/Hougang Avenue 10
11. Boon Lay Way/Yuan Ching Road/Jurong West Street 51
12. Boon Lay Way/Jurong Town Hall Road
13. Choa Chu Kang Avenue 1/Choa Chu Kang Avenue 3
14. South Woodlands Way/Woodlands Avenue 5
15. Ang Mo Kio Avenue 3/Ang Mo Kio Avenue 8

What should motorists do?

Drive carefully and look out for pedestrians using the pedestrian crossing.

What should pedestrians do?

Press the push button and wait for the green man to appear. Check that turning vehicles have stopped before crossing the road.

