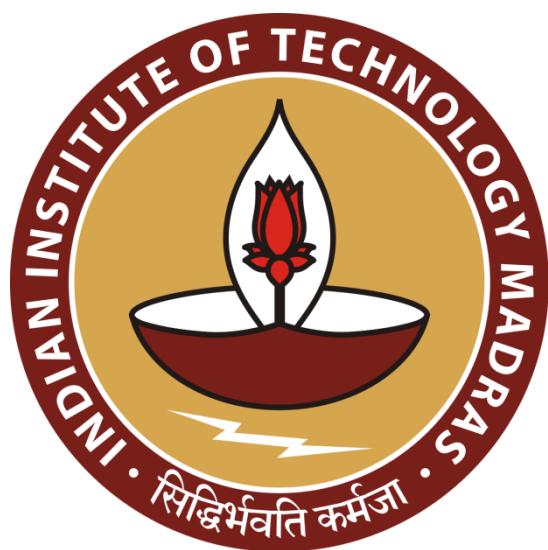


Road Safety Intervention Report



Prof Venkatesh Balasubramanian, PhD
RBG Labs, Department of Engineering Design
IIT Madras, Chennai 600036
Email: chanakya@iitm.ac.in



Road Safety Intervention Report

CoERS, IIT Madras



Table 1 Road Safety Intervention Report

A	Road Sign			
1	4+200 LHS MCW		<ul style="list-style-type: none">➤ The speed limit sign is absent before the academic zone.	<ul style="list-style-type: none">➤ The maximum speed limit sign shall be provided for the school zone as per clause 14.8.8 of IRC:67-2022.
2	4+250 LHS MCW		<ul style="list-style-type: none">➤ The school ahead sign provided on MCW is non-standard	<ul style="list-style-type: none">➤ The non-standard school ahead sign shall be replaced by the standard sign as per clause 15.28 of IRC: 67-2022.
3	4+425 LHS MCW		<ul style="list-style-type: none">➤ Fuel station ahead sign board absent.	<ul style="list-style-type: none">➤ Informatory fuel pump sign shall be installed as per clause 17.7 of IRC: 67-2022.
4	4+550 LHS MCW		<ul style="list-style-type: none">➤ The side road ahead sign is absent on MCW.	<ul style="list-style-type: none">➤ Side road ahead sign shall be installed as per clause 15.9 of IRC: 67-2022.



Road Safety Intervention Report

CoERS, IIT Madras



5	4+580 LHS MCW		<ul style="list-style-type: none">➤ The side road ahead sign is absent on MCW.	<ul style="list-style-type: none">➤ A side road ahead sign shall be installed as per clause 15.9 of IRC: 67-2022.
6	4+550 RHS MCW		<ul style="list-style-type: none">➤ No Parking sign provided near the market is non-standard.	<ul style="list-style-type: none">➤ The Non-standard No Parking sign shall be replaced with a standard sign as per clause 14.7.5 of IRC: 67-2022.
7	304+650 LHS MCW		<ul style="list-style-type: none">➤ Pedestrian crossing sign missing before the approach of the installed pedestrian crossing.	<ul style="list-style-type: none">➤ Pedestrian crossing sign shall be provided before the approach of the installed pedestrian crossing to warn the drivers about its presence, as per clause 15.27 of IRC:67-2022.
8	305+770 LHS MCW		<ul style="list-style-type: none">➤ Pedestrian crossing sign missing before the approach of the provided pedestrian crossing.	<ul style="list-style-type: none">➤ Pedestrian crossing sign shall be provided before the approach of the installed pedestrian crossing to warn the drivers about its presence, as per clause 15.27 of IRC:67-2022.



Road Safety Intervention Report

CoERS, IIT Madras



B Road Marking				
1	4+100 LHS MCW		<ul style="list-style-type: none">➤ Longitudinal markings are faded on the MCW for about 200m near the college.	<ul style="list-style-type: none">➤ The longitudinal markings (edge lines and lane markings) shall be repainted to make them clear during the day and retroreflective in the nighttime as per clause 3.1 of IRC:35-2015.
2	246+750 RHS MCW		<ul style="list-style-type: none">➤ Pedestrian crossing provided on the median opening is faded (3.5 m width for each lane on four lane divided highway).	<ul style="list-style-type: none">➤ Faded pedestrian crossing needs to be repainted as per clause 11.3 of IRC:35-2015.
3	304+500 to 304+600 LHS & RHS MCW		<ul style="list-style-type: none">➤ The provided road studs were non retroreflective.	<ul style="list-style-type: none">➤ New retroreflective Red-White Bidirectional road studs shall be provided on the edge line as per clause 5.4.6 and Table 5.1 of IRC:35-2015.
4	361+500 & 361+750 RHS MCW		<ul style="list-style-type: none">➤ Pedestrian crossing marking is missing near the school zone.	<ul style="list-style-type: none">➤ Pedestrian crossing markings across the road shall be provided as per clause 9.8.4 of IRC:SP:73-2018 and painted as per clause 11.3 of IRC:35-2015.



Road Safety Intervention Report

CoERS, IIT Madras



C Pavement Condition				
1	305+850 LHS Side Road	A photograph showing a pothole on a paved side road. A red rectangle highlights the area around the hole.	<ul style="list-style-type: none"> ➤ Pothole of area 2.5 sqm and 20 mm depth was observed on the side road and waterlogging was also observed. 	<ul style="list-style-type: none"> ➤ Potholes shall be treated for smooth and safe movement of vehicles and prevent waterlogging which could damage the pavement as per clause 7.5.3.5 of IRC:82-2023.
D Traffic signal				
1	100+300 LHS MCW	A photograph of a road with traffic. A red rectangle highlights a solar blinker located at the median notch.	<ul style="list-style-type: none"> ➤ Solar blinker provided at the median notch is not in working condition. 	<ul style="list-style-type: none"> ➤ Solar blinkers shall be repaired and maintained at the median notch as per clause 4.2 of IRC: 93-1985 to enhance the delineation and alert the road user.
E Facilities				
1	305+100 LHS & RHS MCW	A nighttime photograph of a road. A red rectangle highlights the dark stretch of road ahead of a person in a high-visibility vest.	<ul style="list-style-type: none"> ➤ The entire stretch lacks proper lighting facilities for illumination. 	<ul style="list-style-type: none"> ➤ The entire stretch shall be provided with streetlights for better nighttime visibility, as per clause 12.4 of IRC:SP:73-2018.
F Roadside Furniture				
1	304+950 LHS & RHS MCW	A nighttime photograph of a minor bridge. Two red rectangles highlight the absence of a reflective marker (FMM) on the bridge's edge.	<ul style="list-style-type: none"> ➤ FMM was found missing for the minor bridge of 16 m length. 	<ul style="list-style-type: none"> ➤ FMM shall be provided at the minor bridge for nighttime delineation as per clause 4 of IRC:79-2019.



Road Safety Intervention Report

CoERS, IIT Madras



2	362+380 to 362+500 LHS MCW		<ul style="list-style-type: none">➤ Delineators are missing for the curve section.➤ The roadside shall be provided with roadway indicators (Delineators or Guide Poles) for better nighttime delineation as per clause 3 of IRC:79-2019.
---	--	---	---



Header
CoERS, IIT Madras

