

Checklist for Intersection

Objective									
Road Name									
From				To					
Lane Type	Approach			Departure					
Chainage									
GPS Location			Lat			Long			
Auditor Name				Contact no.					
Date				Time					
Road Category				Weather					
Design Speed					Built up area	RHS		LHS	
LHS Measurements	Cross Sectional Sketch					RHS Measurements			

Conflict Diagram

1. Will road users coming from all directions be able to see that they are approaching a conflict area?

Item(s)	Availability	Width	Colour	Visibi ty	Retro- Reflectiveness	Photo Reference (Time)
Stop lines on approach roads						
Directional Markings on exit roads						
Crash Cushion (s)						
Chevron Markings						
Informatory Sign						
Any Other Observation						
Any Road Safety Hazard/ Objects						

2. Check for signages as per IRC:67-2012

Sign type	Availability	Standard Conformity					Any Obstruction to Sign	Photo Reference (Time)
		Shape	Colour	Height	Placement	Retro-reflectiveness		
Stop signage on minor road								
Give way (in case of non-signalized intersection)								
Speed limit sign								
Advance warning signs								
Informatory signage(s)								
Map type and Stack type direction sign (on before exit on approach lane)								
Any other observation (s)								

3. Speed management measures on approach lanes of a highways intersection as per IRC 99:2018

Check on following measures		Yes/No	Remarks
1	Bar markings		
2	Rumble strips		
3	Speed limit sign		
4	Speed Tables / Table-top		
5	Road Stud/Cat's Eye		
6	Flashing beacons		
7	Any other observation(s)		
Any other observation			

4. Check on guardrail/crash barriers as per IRC 115:2019							
Type	W-Beam		Thrie-beam		New-Jersey		Cable
Height (mm)			Is the measured height as per standard or not?				
Retro reflective markings?							
Is installation as per standard?							
Is guardrail damaged in condition?							
Any other observation							
5. Lighting Conditions							
Illumination							
Spacing of light poles (m)							
Unprotected lighting poles							
Other Observations							

NOTE:

BS Type	BS type based on location typology	BS Type	BS type based on location typology
Type 1	Midblock*	Type 9	T (Near Settlement)
Type 2	Midblock (Through Settlement)	Type 10	Y Intersection*
Type 3	Midblock (Near Settlement)	Type 11	Y (Through Settlement)
Type 4	Staggered junction*	Type 12	Y (Near settlement)
Type 5	Staggered junction (Through settlement)	Type 13	X Intersection*
Type 6	Staggered junction (Near Settlement)	Type 14	X (Through Settlement)
Type 7	T Intersection*	Type 15	X (Near Settlement)
Type 8	T (Through Settlement)		