

Transportation Engineering-1

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Traffic Control Devices

- The various aids and devices used to control, regulate and guide traffic is called TCD
- Signs
 - Regulatory
 - Warning
 - Informatory
- Signals
 - Fixed Time
 - Manually Operated
 - Traffic actuated
 - Pedestrian
 - Special Traffic
- Marking
 - Pavement
 - Kerb
 - Object
 - Reflector unit
 - Delineators
- Islands
 - Divisional
 - Channelizing
 - Pedestrian loading
 - Rotary
- Lights

Traffic Signs

(A) Regulatory Signs:

- Regulatory Signs are meant to inform the road user of certain laws, regulations and prohibitions. The violation of these signs is a legal offence.
- Eg.
- Stop and give way sign
- Prohibitory signs
- No Parking signs
- Speed limit and vehicle control signs
- Restriction end sign
- Compulsory direction control and other signs

Regulatory Signs



STOP SIGN



GIVE WAY



NO ENTRY OR STRAIGHT PROHIBITED



NO ENTRY



ONE WAY SIGN



ONE WAY SIGN



VEHICLES PROHIBITED ON BOTH DIRECTION



ALL MOTOR VEHICLES PROHIBITED



TRUCK PROHIBITED



BULLOCK CART & CART PROHIBITED



BULLOCK CART PROHIBITED



TONGA PROHIBITED



HAND CART PROHIBITED



CYCLE PROHIBITED



PEDESTRIAN PROHIBITED



RIGHT TURN PROHIBITED



LEFT TURN PROHIBITED



U TURN PROHIBITED



OVERTAKING PROHIBITED



HORN PROHIBITED



NO PARKING



NO STOPPING NO STANDING



SPEED LIMIT



WIDTH LIMIT



HEIGHT LIMIT



LENGTH LIMIT



LOAD LIMIT



AXLE LOAD LIMIT



PEDESTRIANS ONLY



BUSES ONLY



RESTRICTION ENDS

Traffic Signs

(B) Warning Signs: warning or cautionary signs are used to warn the road user of certain hazardous conditions that exists on or adjacent to the roadway. The warning signs are in the shape of a equilateral triangle with its apex pointing upwards. The warning signs are to be located at sufficient distance in advance of the hazard warned against; these distances are 120, 90, 60, and 40 m respectively on NH/ SH , MDR, ODR, and VR. On urban road the distance is 50 m

Warning Signs



Right hand curve



Left hand curve



Right Hair Pin Bend



Left Hair Pin Bend



Right Reverse Bend



Narrow Bridge



Gap in Median



Narrow Road



Road Widens



Cycle Crossing



Pedestrian Crossing



School