ROAD

A road is a path established over land for the passage of vehicles, people and animals. It provides dependable pathway for moving people and goods from one place to another.

Roads are typically smooth, paved or otherwise prepared to allow easy travel. Basically, highways are roads to which members of the public have access.

Types of Road

Roads can be broadly classified into: single carriageway, dual/multiple carriage ways, and expressway.

Single carriageway: A single carriageway is a road with one or more lanes with traffic flowing in opposite direction without a central reservation.

Dual/Multiple carriageway: This is a road which has multiple lanes with traffic going in opposite

direction. They are usually physically separated by non-passable dividers such as concrete barrier.

Expressway: This is a specially designed and restricted highway divided with barriers which make traffic in opposite directions completely separated from each other.

NOTE: Road is the place where one can develop his or her transport skill, thus it is very important for one to be very conversant with road structure, signs and rules.

Interchanges

An interchange is a special intersection designed to enable road users cross, enter or leave the expressway without interfering with the flow of traffic. Basically, there are four types of interchanges.

Clover Leaf: Clover leaf interchange is designed to allow turning movement off or into

the expressway from four directions using loop type connections. It eliminates left turn and traffic conflicts for all movements.

Diamond: A diamond interchange has four ramps which allow vehicles to enter or leave the main highway. It is used where a major road crosses a minor road. It avoids inter-weaving traffic flow, and most effective on areas where traffic is light.

Trumpet: Trumpet interchanges provide access to the expressway at T-intersection.

Directional: Directional interchanges are used to transfer high volume of traffic, particularly where two major roads intersect.

Road Junctions

A junction is the place where two or more roads meet. The following are some kinds of road junctions:

T-Junction: This is a place where two roads meet in the shape of the letter T.

Y-Junction: This is a place where two roads meet in the form of letter Y.

Cross Road: A cross road is the place where two roads of equal size cross each other.

Round-about: A place where two or more roads meet, forming a circle that ensures that all traffic must go round in the same direction.

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