

# **Bawan A Shawnim**

Article written in support of membership upgrading .

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## **Roads in Sulaimany city**

Looking in to the Design and Construction of Roads and associated Routes which might have been overlooked , Also Highlighting the related Traffic Rules & Regulations that should be implemented as appropriate .

Roads can be divided into Two main categories according to the driving speed Limits ;

First , those of Express pathways ( Speedy ) of high speed in town or outer highways leading to other towns , and Second , those of Slower driving speed limits of max. 40 km/hr within the urban areas .

Also, can be classified as Single carriageway ( One lane & Two La. ) e.g. most of the in town roads & streets , and as Dual carriageway ( One Lane , Two Lanes and over ) e.g. Maliq Mahmood Circle .

I've chosen to elaborate on the topics with some illustrated examples with notes to simplify the understanding where necessary, also giving suggestions & recommendations where appropriate for improvement.

### **Road Marks :** **( Phosphorus Colour Visible Marking for Day & Night Times )**

Phosphorus Visible Lane Marking ( in White ) is a basic requirement for dividing Roads in to Lanes alongside of the driving direction for the known speed limits and safe driving .

Phosphorus Visible Edge Marking Right edge ( in White ) and left Edge ( in Yellow ) for warnings on getting to edge of the road either side of it .

Phosphorus Visible Marking on Slipways ( Leaving in Green as well as Red on Re-Joining ) .

### **Slow Down Sign posts :**

These can be used to warn drivers to slow down step by step until they reach their exit or the change on their rout , e.g. they can be put on speedy roads at a distance approaching the Exits , approaching Works on the road , or at any other place where absolutely necessary to warn in advance of the change of direction or speed.

Most important sign post that is not seen anywhere on our roads so far is the Slow down sign post to indicate to drivers to slow down at a an appropriate distance to prepare for the unforeseen circumstances lie ahead , these signs are in three parts , put at a distance of say 20-30 m from each other , or at any other distance which changes according to the speed limits on the roads in question .

### **Road Works :** **( Highlighting a few deficient points and forwarding Suggestions to Make them right )**

1. To work on one side and make way for the traffic movement on the other side .
2. Put signs as to the nature of the works , duration for completion , and most importantly diverting the traffic to the appropriate routes for the flow to continue, do not completely block the road for any duration of the works .

۳. Put signs and cones where appropriate for the diversions or redirections at a good distance of say around ۱۰۰ meter , e.g. T for closed end roads , so far , drivers driving through to the other ends only to see an excavation or other obstacles on the way blocking the road , and regrettably start stepping back to where they came from.
۴. Proper indication for restriction on parking time & duration for stay, for example say parking is Not allowed from ۸:۳۰ am to ... , etc . with duration of say, ۳ hrs to stay .
۵. Road layouts and Road maintenance are very poor all over our regional areas , the use of poor materials such as poor asphalt & poor tar mixture for road surfacing , and the employment of unskillful teams carrying out works & repairs resulting in a poor workmanship which in turn resulting in poor and nondurable Roads of all kinds .
۶. Concrete use for road surfacing is not as good as tarmac , therefore is not a vibrant idea , because of the slippery nature, noisy and rough surface , drivers feel surface vibrations , and finally it is not cost efficient .

**The following and other topics shall be discussed next .**

**Road and Pavement Repairs & Renovations .**

**Driving skills and Road conditions in Rainy & Snowy days .**

**Road layout and Visible Markings for Emergency Vehicles and Cycling .**

**The wrong Super elevation carried out on Roads leading to other towns .**

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