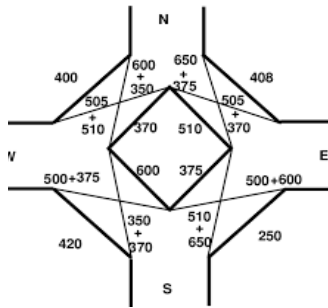


Workshop on Traffic Rotary (Intersection) Design

Date: 7th April, 2022

Time: 09:00 am to 11:45 am



Objective-

The main objective of the Workshop was to conduct traffic surveys at Unjha Intersection to measure the Total Traffic Volume at intersection and using this data design the Traffic Rotary.

Summary:

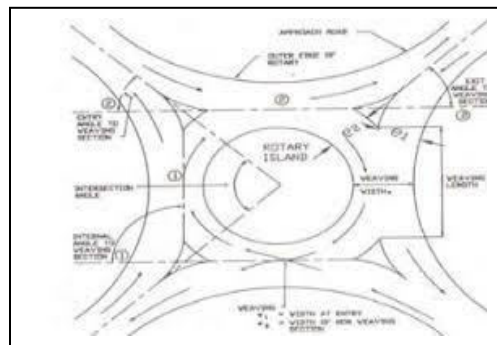
As per the objective of the workshop, traffic surveys were conducted at Unjha Intersection. In the traffic surveys Traffic Volume Count Study at Intersection was conducted.

For Traffic Volume Count Study a sheet is prepared as per the PCU classification. Whole class is divided into 4 groups and each group is posted at each leg of the intersection to fill up the traffic volume count sheet. Traffic volume count is done at each leg as per the PCU classification with turning movement.

After conducting the field work, calculation part is done by the students. In calculation part all traffic volume count is converted into PCU value at each leg individually and calculate Capacity of Intersection and various elements of Rotary design such as shape of Rotary, Weaving length, Weaving Width, width of Carriage way at entry and Exit, Curves at Entry and Exit etc.,

Smt. S.R. Patel Engineering College

Workshop Report



Course Participant:

Workshop was organized for the students of 6th Semester, Civil Engineering.

Workshop In charge:

Prof. Hiren V. Patel