129

Date 3rd May 2007 ( 339)

CEL 443 Transportation Sufety and Environment. Major 3:30 to 5:30.

1. a) what are the major factors resulting in street accidents ?

b) There exist four of treatments for road safety engineering measures. Mention those.

c) Enfress (locatefflow will proceed for a road serfety plan.

2. a) what are the two main objectives of traffic calming?

6) what are the various traffic coloning techniques?

c) what are the most harmful pollutants, emitted from road whicles?

3. a) what are the new types of vehicles invented to reduce follutants?

b) what are the non-connectioned types of fuels are being used in these? Explain with their physio-chemical characteristics.

4. From a meat sketch of the following along with dimensions (where appliable)

W) rumble strip

e) three leg rightangle intersections (showing dissional island and two turning roadways.

5. What are the comparative advantages and disadvantages of

a) fixed time and b) which actuated signal

c) where and when you will provide the intersections without signals.