

DEPARTMENT OF CIVIL ENGINEERING

CE8611 - HIGHWAY ENGINEERING LABORATORY

(III Year - EVEN Semester)

Regulations: R17

List of experiments recommended as per Anna University

I TEST ON AGGREGATES

- a) Specific Gravity
- b) Los Angeles Abrasion Test
- c) Water Absorption of Aggregates

II TEST ON BITUMEN

- a) Specific Gravity of Bitumen
- b) Penetration Test
- c) Viscosity Test
- d) Softening Point Test
- e) Ductility Test

III TESTS ON BITUMINOUS MIXES

- a) Stripping Test
- b) Determination of Binder Content
- c) Marshall Stability and Flow Values

IV DEMONSTRATION OF ANY ONE FIELD TESTING EQUIPMENT LIKE SKID RESISTANCE TESTER/ BENKELMAN BEAM ETC

List of experiments beyond the Curriculum

1. Flash and fire point Test.

Estd - 2001