

Roadside Safety and Protective Barrier Systems (TS-03)

Course Outline

SECTION ONE

- Introduction
- The “Forgiving Highway” Concept
- Clear Zones
- Side Slopes and Ditches
- Drainage Structures
- Breakaway Sign and Lighting Structures
- Barrier Crash Test Criteria

SECTION TWO

- Metal Beam Guardrail Barriers
- Guardrail Approach Terminals
- Barrier Length-Of-Need (LON) Design

SECTION THREE

- Concrete Barriers
- Bridge Rail
- Impact Attenuators
- Guardrail Field Problems
- Guardrail Installation
- Guardrail Maintenance Criteria