

## MODULE 4

## RURAL ROAD DEFECTS AND CAUSES

### Objectives

After completing Module 4, you will:

- Realize the main defects of rural road & other structures on rural road such as small bridges, culverts, side drains, road safety equipments ...
- Understand the main causes of defects.
- Link with their local road network to realize defect phenomena.

### Requirement

The participants must comprehend the following Modules:

- Module 1: "*Local Road Network*"

### Methodology

- The participants are introduced (basically by pictures, drawings...) some typical defects of road, bridge, culverts ... in the Commune Road Network ( typical defects, typical structures & typical regions)
- The participants themselves realize the main causes related to the introduced above types of defect (by exchanging information, and discussions)
- The participants themselves link with their own local road network condition to realize the defect phenomena (give the name of defects and comprehend the nature).
- Carry out Effectiveness Evaluation by themselves.

### Facilities-Materials

- Rural Road Maintenance Handbook
- Module 4: "*Rural Road Defects and Causes*"

### Studying Activities

1. Learn about the defects of road, bridges, culverts,... & of safe facilities of rural road network.
2. Learn about & realize the causes of road defects
3. Call the name of normal defects & the causes of road & other structures of commune road network
4. Self - assessment