

## RESTRICTED

### **SECTION 124- ORGANIZATION**

2707. General. Foresight and flexibility are essential. The organization adopted for maintenance and repair must provide for:-

- a. Continuous inspection; regular clearing of ditches silt traps, and culverts; and immediate action to remedy potholes and minor faults in the surface.
- b. The establishment and upkeep of dumps of materials.
- c. Preventive action to for retail dislocation by severe weather, eg, erecting snow fences to stop drifting.
- d. Speedy allocation of adequate resources to deal with major damage of defects.

2708. Road patrols. Day to day maintenance is best carried out by a system road patrols. Whose length of beat and composition may vary considerably. For a military road of gravel of water bound macadam, two to three men with a grader and hand tools may be sufficient for about 12 miles of road.

The duties of a road patrol are:-

- a. Surface maintenance, including mud removal, patching potholes, and repairing minor damage by weather etc.
- b. Clearing grips, ditches, and culverts,
- c. Maintenance of shoulders, including cutting grass and weeds, and repairs to guard, rails, road sighs etc.
- d. Immediate reporting of damage or failure beyond their own capacity to repair.

2709. Road gangs. Where more extensive damage is anticipated, owing to weak road, heavy traffic, or severe weather road gangs may be used either to supplement or to replace the road patrols. Special will be needed in conditions of severe frost or heavy snowfall (see Section 130).

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Road gangs should be capable of doing substantial repair work, as well as normal maintenance, and their equipment will normally include tipping trucks, roller equipment will normally include tipping trucks, roller, equipment will normally include tipping trucks, roller warning water truck or tank road templates, barriers and warning signs in addition to hand tools and special plant such as mobile patching plant, if required.

2710. Materials. Small dumps of maintenance materials should be sited at intervals along the roadside, to be drawn on as required. No general scale can be laid down. But requirements may include coarse and fine aggregate, gravel, tar macadam, drums of bitumen, etc.