

SECTION 5 –CONSTRUCTION PRIORITIES

0125. Earthwork, subgrade preparation and pavement construction should proceed smoothly forward along the alignments. This will be impracticable unless essential preparatory works are completed in advance. Priority tasks are listed below:

Drainage

0126. Road construction involves considerable movement of vehicles and plant. In wet weather in swampy ground and in areas liable to flood, immediate action must be taken to improve the drainage.

0127. a. The canalization of surface water is vital to prevent plant and vehicles cutting up the subgrade.
 b. Natural outfalls must be cleared and improved if necessary.
 c. Culvert construction must be started as soon as possible.
 d. Catch-water drains and temporary side drains should be cut, before other work starts in sections of the road where surface water may cause trouble.
 e. During construction, surface drainage of the formation must be maintained.

Clearing

0128. Rough clearing done to facilitate setting out may be insufficient to allow certain plant to work without risk of damage. Clearing and grubbing must keep well ahead of work on the formation.

Access Routes

0129. Access to bridge sites must be provided as early as possible, even if only by rough temporary tracks.

0130. Earth-moving plant should work downhill if possible. Special access routes may be required to get plant to high ground. e.g. saddles. Such temporary routes may later prove invaluable as detours.

Cut And Fill

0131. In hilly country, earthwork is usually the main task Major cuts and fills must be started as early as possible. If retaining walls are necessary, their construction must be put in hand as soon as material can reach the site.

0132. Establish borrow pits and spoil dumps, and prepare haul roads, ahead of forming and grading work.