

**SECTION 121-PRINCIPLES OF ROAD WIDENING**

2610. Good planning and organization are essential:

- a. A detailed examination of the existing structure must be carried out.
- b. The method of construction should be related to the existing structure so that the whole of the carriageway is of uniform strength.
- c. Work priorities must be decided and work should be put in hand in order of urgency, up to the limit of available resources.
- d. All work must be based on a sound drainage plan.
- e. Whenever practicable, detours should be provided so that the work causes the minimum amount of interference with traffic.

2611. Drainage. The drainage of the road must be preserved at all stages. Increased capacity is usually needed to deal with additional surface area.

Ditches should never be filled until they have been replaced by new ones, or unless they are enlarged and backfilled to form French drains.

2612. Design. The finished surface should be of uniform strength throughout. New work must therefore be related to the existing structure.