

**NATURAL RESOURCES CONSERVATION SERVICE  
CONSERVATION PRACTICE ENGINEERING NOTEKEEPING**

**DIVERSION**

CODE 362

**NOTEKEEPING**

**Design and Layout Survey**

- A) Record the following information:
- 1) Location sketch
  - 2) Drainage area
  - 3) Design flow
  - 4) Channel grade
  - 5) Velocity
  - 6) Channel and ridge dimensions
  - 7) Calculation of volume of earth to be moved if payment is by volume
  - 8) Planned length of each diversion
  - 9) Location of an adequate outlet
  - 10) Specifications for seeding as applicable
  - 11) Date and signature of designer and person approving design

**Construction Check**

- A) Make and record the following construction check items.
- 1) Profile of the completed channel and ridge
  - 2) Cross-section of channel and ridge for each design section
  - 3) Length of completed diversion
- B) Record the condition or adequacy of vegetation if required.
- C) Compute earthwork quantities, where applicable, if different from planned quantities.
- D) Record statement concerning adequacy of outlet.
- E) Record date and sign statement concerning adequacy of construction.

**Recording Data**

- A) Data will be recorded in a standard engineering field book, or on form NC-ENG-22, "Diversion Data Sheet."