

**CHAPTER 3
RUNWAY AND ROAD DESIGN**

- 3-01 GENERAL
 - a. Effect of subgrade soil conditions on design
 - b. Effect of frost and permafrost conditions
 - c. Effect of ground water
- 3-02 BASE COURSE AND PAVENMENT COMIPOSITION
 - a. Recommendations for base courses
 - b. Recommendations for pavements
- 3-03 BASE COURSE DESIGN IN AREAS OF NON-FROST-SUSCEPTIBLE SOILS
- 3-04 BASE COURSE DESIGN IN AREAS OF FROST-SUSCEPTIBLE SUBGRADES
 - a. Design to restrict seasonal thaw to pavement and base depth
 - b. Design based on reduced strength of subgrade
- 3-05 BASE COURSE DESIGN IN AREAS OF HIGHLY ORGANIC SOILS
- 3-06 EXAMPLES OF PAVEMENT DESIGN
 - a. Example 1
 - b. Example 2
- 3-07 DRAINAGE
- 3-08 CORDUROY ROADS