

RIGID PAVEMENT (PORTLAND CEMENT CONCRETE ROADS)

A. FOR RIGID PAVEMENT, AFTER THE SUBBASE OR SUBGRADE IS PREPARED, A SLAB THICKNESS OF EIGHT INCHES (8") OF CONCRETE SHALL BE POURED FOR THE ROADWAY

B. 3/8 REBARS, 8" ON CENTER SHALL BE USED AS REINFORCEMENT

NOTE: 1. ALL ROADS SHALL BE CONSTRUCTED WITH THREE FEET (3') CONCRETE SWALES ON EITHER SIDE TO PROVIDE PROPER DRAINAGE WHEN THE ROAD IS CROWNED (2% SLOPE) AND FOUR FEET (4') SWALE ON ONE SIDE IF THE ROAD IS SUPERELEVATED.

2. CLAY SOIL IS UNACCEPTABLE AND SHALL NOT BE USED AS BACKFILL MATERIAL, SELECTED BORROW AS DESCRIBED BELOW SHALL BE USED INSTEAD.

PREPARATION OF THE SUBBASE FOR ROADS

A) GRANULAR MATERIAL FREE OF EXCESS MOISTURE, MUCK, FROZEN LUMPS, ROOTS, SOD OR OTHER DELETERIOUS MATERIAL SHALL BE USED AS SELECTED BORROW FOR THE SUBBASE.

B) THE CONTRACTOR SHALL NOT PLACE THE MATERIAL IN LAYERS EXCEEDING 6 INCHES COMPACTED THICKNESS

C) THE LAYERS SHALL BE COMPACTED FULL WIDTH. ROLL FROM THE SIDES TO THE CENTER, PARALLEL TO THE CENTERLINE OF THE ROAD. ALONG CURBS HEADERS, WALLS AND PLACES NOT ACCESSIBLE TO THE ROLLER.

D) EACH LAYER SHALL BE COMPACTED TO AT LEAST 95% OF MAXIMUM DENSITY