

POOR SUBGRADE  
CBR 5-9

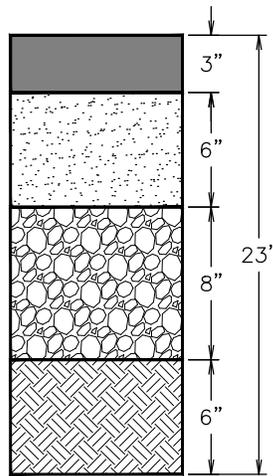
SOIL WHICH BECOMES SOFT AND PLASTIC WHEN WET. INCLUDED ARE THOSE SOILS HAVING APPRECIABLE AMOUNTS OF CLAY AND FINE SILT. ALSO, AREAS WHERE SUBSURFACE MOISTURE CREATES APPRECIABLE SETTLEMENT AND FROST PROBLEMS.

ASPHALT CONCRETE  
TWO 2" LIFTS

BASE  
6" OF CRUSHED 3/4" MINUS

SUB BASE  
12" OF CRUSHED 3" MINUS

SUB GRADE  
TOP 6"



MEDIUM SUBGRADE  
CBR 10-19

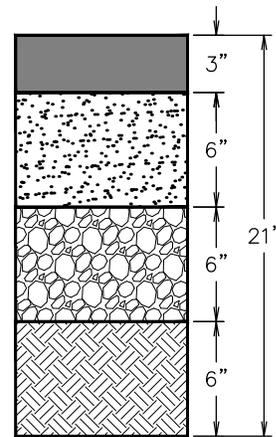
SOIL WHICH RETAINS A MODERATE DEGREE OF FIRMNESS UNDER ADVERSE MOISTURE CONDITIONS. INCLUDED ARE SUCH SOILS AS LOAMS, SILTY SANDS AND SAND-GRAVELS CONTAINING MODERATE AMOUNTS OF CLAY AND FINE SILT.

ASPHALT CONCRETE  
ONE 3" LIFT

BASE  
6" OF CRUSHED 3/4" MINUS

SUB BASE  
8" OF CRUSHED 3" MINUS

SUB GRADE  
TOP 6"



GOOD SUBGRADE  
CBR 20+

SOIL WHICH RETAINS SUBSTANTIAL AMOUNTS OF THEIR LOAD SUPPORTING CAPACITY WHEN WET. INCLUDED ARE THE CLEAN SANDS AND SAND GRAVELS AND THOSE FREE OF DETRIMENTAL AMOUNTS OF PLASTIC MATERIALS.

ASPHALT CONCRETE  
ONE 3" LIFT

BASE  
6" OF CRUSHED 3/4" MINUS

SUB BASE  
6" OF CRUSHED 3" MINUS

SUB GRADE  
TOP 6"

### GENERAL NOTES:

1. ALL QUANTITIES/VALUES ARE MINIMUM REQUIREMENTS.
2. BASE, SUB BASE, AND SUB GRADE MUST BE COMPACTED TO 95% PROCTOR DENSITY.
3. TWELVE (12") INCHES OF MATERIAL DEPTH TO BE PLACED IN TWO (2) SIX (6") INCH LIFTS.
4. EIGHT (8") INCHES OF MATERIAL DEPTH TO BE PLACED IN TWO (2) FOUR (4") INCH LIFTS.
5. GEOTEXTILE FABRIC MAY BE REQUIRED/USED IN CERTAIN DESIGNS.
6. ALTERNATE SECTION DESIGNS REQUIRE SUBMITTAL OF CBR FOR THE DEVELOPED AREA.



Engineering Division

### Asphalt Paving Section Local Residential Street

Approved By  
City Engineer  
Kevin J. Slovarp

Adopted: 04/09/1973  
Revised: 02/08/2008

STD - 703