

SUFFICIENT NUMBER OF LABORATORY CBR'S (CALIFORNIA BEARING RATIO) TO COVER THE RANGE OF SOIL CONDITIONS ENCOUNTERED WITHIN THE AREA TO BE PAVED SHALL BE MADE.

CERTIFICATION AND A REPORT OF SAID TESTS SHALL BE SUBMITTED TO THE CITY ENGINEERING DEPARTMENT BY AN APPROVED SOILS LABORATORY.

IN LIEU OF, THE DESIGNER SHALL SUBMIT TO THE CITY ENGINEERING DEPARTMENT A LIST OF THE SOIL TYPES ENCOUNTERED WITHIN THE AREA TO BE PAVED ACCORDING TO THE PITT COUNTY SOIL SURVEY AS PUBLISHED BY THE SOIL CONSERVATION SERVICE.

A COPY OF THE SOIL SURVEY MAP WITH THE BOUNDARIES OF THE SUBDIVISION AND AREAS TO BE PAVED, SUBSCRIBED THEREON, SHALL ALSO BE SUBMITTED.

FROM THIS INFORMATION, THE SOIL SUPPORT VALUE ACCORDING TO TABLE b SHALL BE ASSIGNED.

TABLE A	
AASHTO SOIL CLASSIFICATION	ASSIGNED SOIL SUPPORT VALUE (SSV)
A-1-a	4.2 *
A-1-b	4.2 *
A-3	3.5
A-2-4	4.2 *
A-2-5	4.2 *
A-2-6	3.4
A-2-7	3.4
A-4	1.0
A-5	1.0
A-6	1.0
A-7-5	1.0
A-7-6	1.0

\* SUGGESTED MAXIMUM SSV BY N.C.D.O.T. WITHOUT CBR TEST ALTHOUGH AASHTO SOIL CLASSIFICATION INDICATES HIGHER.

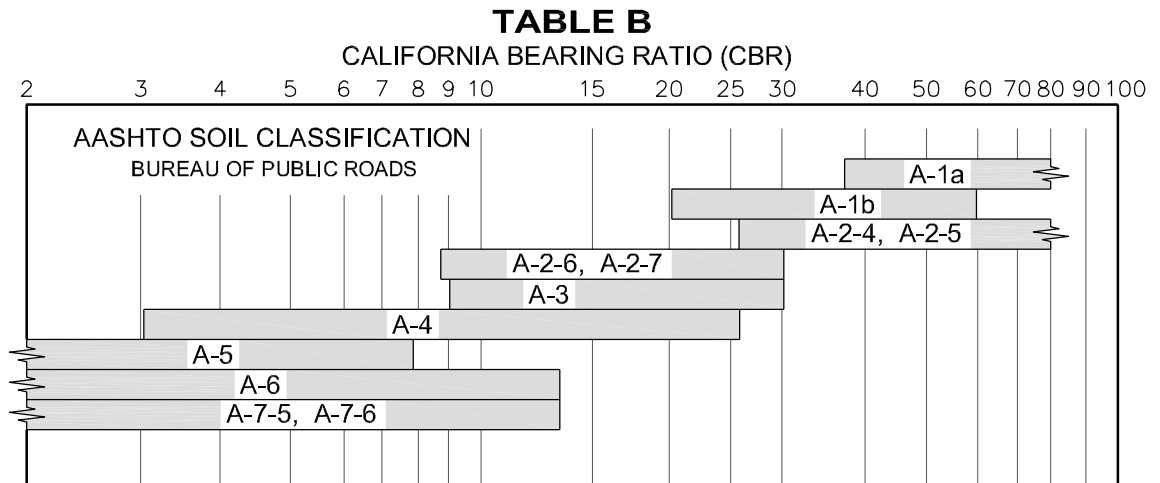


TABLE A IS A VERY CONSERVATIVE DERIVATION OF TABLE B. THE LOWEST CBR FOR EACH SOIL TYPE WAS USED TO CALCULATE THE ASSOCIATED SSV.



PUBLIC WORKS DEPARTMENT  
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**CITY OF GREENVILLE, N.C.**  
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No.	Date	Description
1	9/16/11	APPROVAL
Scale: not to scale		Sheet #: 1 of 1
		Detail # <b>491.01</b>

**RESIDENTIAL STREET SECTION DESIGN**