



SWALE CAPACITY AT 4" DEPTH		
SLOPE (%)	Q MAX. (c.f.s.)	VELOCITY(F.P.S.)
2.0	2.3	1.3
2.5	2.5	1.4
3.0	2.7	1.6
3.5	3.0	1.7
4.0	3.2	1.8
4.5	3.4	1.9
5.0	3.6	2.0
5.5	3.7	2.1
6.0	3.9	2.2
6.5	4.1	2.3
7.0	4.2	2.4
7.5	4.4	2.4
8.0	4.5	2.5
8.5	4.6	2.6
9.0	4.8	2.7
9.5	4.9	2.8
10.0	5.0	2.8

NOTE :  
 THIS STANDARD MAY BE USED ALONG OPEN SECTION ROADS ONLY WHERE FLOW QUANTITIES ARE EQUAL TO OR LESS THAN INDICATED, AND ONLY UPON SPECIFIC DOT APPROVAL CONSIDERING POTENTIAL FOR FLOODING. IT MAY NOT BE USED IN RESIDENTIAL AREAS.

P:\DOT\STD\MCB1001 7-12-94 9:02:33 am EST

APPROVED <u>JAN 5/96</u> DATE	REVISED _____ _____ _____ _____ _____ _____ _____ _____ _____	MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
<i>[Signature]</i> DIRECTOR, DEPT. OF TRANS.		SWALE SECTION
<i>[Signature]</i> CHIEF, DIV. OF ENG. SERVICES		STANDARD NO. MC-810.01