

HYDRAULIC DESIGN ADVISORY

HDA 08-03

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SUBJECT: INLET DESIGN - ALLOWABLE SPREAD CRITERIA

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The maximum allowable spread width for inlet design is shown in Table 9-1 in Chapter 9 of the 2002 VDOT Drainage Manual. The following clarifications are presented:

1. For those locations that show a maximum spread width of "*1/2 Driving Lane Width + Gutter width (If Any)*", the table assumes that the driving lane is adjacent to the curb/curb and gutter section. If the driving lane is not adjacent to the curb/curb and gutter section (e.g., there is a parking or bicycle lane between the curb/curb and gutter section and the driving lane), then the maximum spread width shall be 10 feet, except in no case shall the spread of the water be allowed to encroach beyond the center of the closest driving lane adjacent to the parking or bicycle lane.
2. For those locations that show a maximum spread width of "*Shoulder Width*" (not "*Shoulder Width + 3'*"), the table assumes that the shoulder width will be a minimum of 6 feet. Where the shoulder width is less than 6 feet, the maximum spread width shall be 6 feet, except in no case shall the spread of the water be allowed to encroach more than 3 feet into the driving lane adjacent to the shoulder.

The information presented in this HDA shall become effective immediately and shall remain in effect until such time it is incorporated into the next revision to the VDOT Drainage Manual.