

September 25, 2019

HYDRAULIC DESIGN BULLETIN NO. 2019-1

SUBJECT: Type 25 Catch Basin Design Aid

EFFECTIVE DATE: Immediately for projects that have not completed the Design Field Review (DFR)

SUPERSEDES: None

RE: None

The Department has implemented new design guidance for inlet spacing of SCDOT Type 25 catch basins used in freeway applications. A hydraulic study has been conducted for the Type 25 catch basin and an inlet spacing design aid has been developed based on hydraulic capacity of the grate. The SCDOT Type 25 Design Aid is an excel spreadsheet that allows the user to space catch basins as a function of the maximum allowable spread based on roadway geometry and rainfall data.

A link to the SCDOT Type 25 Catch Basin Design Aid and instructions can be found on the Department's website at <http://www.scdot.org/> by typing "Type 25" in the top right search bar.

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