

Roadway Standard Cadd "File Type" Naming Convention I (See Note 1)

(See Design File Generator Utility in NCDOT Workspaces)

All 2D MicroStation Graphics Files Should Have a ".dgn" Extension

DRN	Drainage File (See Note 2)
DSN	Proposed Roadway Design File
EOP	Edge of Existing Pavement File
LAY	Plan Sheet Layout File
PAT	Pattern Line File
PHM	Public Hearing Maps
PFL	Proposed Profile Design File
PSH	Plan Sheet Files
ROW	Proposed ROW File
SHP	< Shape>
SPD	Shear Point Diagram
SS	Slope Stake File
STR_REC	Structure Recommendations
SUM	Summary Sheets File
SVY_REQ	Survey Requests
TSH	Title Sheet File
TYP	Typical Sheets File
XPL	Cross-Section Sheet Layout File
XSC	Cross-Section File

Note 1:

This list refers only to the "file type" portion of the entire cadd file name. The standard for the entire file name is as follows:
(TIP Number)_(Unit Abbreviation)_(File Type)_(Description).dgn

Also, a distinction should be made between electronic file names and hard copy production plan sheet numbers. Electronic file names are *logical* file names that may or may not reflect the hard copy production plan sheet numbers. An example would be the ".xpl" electronic file name. This electronic file name may contain numerous hard copy production plan sheet numbers such as X-1, X-2, X-3, etc; in this particular case possibly as MicroStation *models*.

Note 2:

As a rule, the roadway designer should reference the ".drn" file created by the Hydraulics Unit from the "Drainage" folder and use it as the proposed drainage file. If necessary, however, the roadway designer may copy the ".drn" file from the "Drainage" folder and modify the unit code from "hyd" to "rdy" to add or modify ditches. No drainage structures (inlets, catch basins, pipes, culverts, etc.) should be added or modified in any way by the roadway designer. These type changes should be made by the hydraulics designer versus the roadway designer.

MicroStation 3D Graphics Files Not Requiring a ".dgn" Extension

DTM	Digital Terrain Model / Approved File Type
DTL	Digital Terrain Model / Old File Type from Location Surveys
DTP	Digital Terrain Model / Old File Type from Photogrammetry
MicroStation Binary (Non-Graphics) Files That Should Never Have a ".dgn" Extension	
TIN	Binary File Containing Triangle Data / Approved File Type
TNL	Binary File Containing Triangle Data / Old File Type from L&S
TNP	Binary File Containing Triangle Data / Old File Type from Photogrammetry