

CADD - Roadway Design Standard File Types (old File Name Extensions) and their meanings

2D MicroStation (graphic) Files Oriented to Plan Production

ALN	Photogrammetry alignment. Note: Roadway Design does not normally reference .aln files to plan sheets.
PLN	Existing Topo Obsolete
DGN	Existing Property
TSH	Title Sheet
TYP	Typical Sections and other Sheet 2 details.
SUM	Summary Sheets (Sheet 3-A and greater). This includes Guardrail, Drainage, Pavement Removal, and Earthwork Summary Sheets.
DSN	Proposed Design (formerly dgn). This includes Proposed Alignments, EOP's, C&G, etc.
DRN	Proposed Drainage Obsolete
ROW	Proposed Right-of-Way
PSH	Plan Sheets. This includes Combination Plan/Profile Sheets.
DTL	Detail Sheets Obsolete <i>For new projects, we no longer recommend the .dtl extension for detail sheets. This is primarily because the .dtl extension is now being used for dtm files coming from Location & Surveys. Please use the .psh extension for all plan sheets.</i>
LAY	Plan Sheet Layout Obsolete
PFL	Profile Sheets Obsolete
DET	Detour Design Obsolete
PAT	Pattern Lines
SHP	Shape File
EOP	Edge of Pavement File. Note: This file is usually made by copying level 3 out of the pln files and deleting unnecessary elements. It is then utilized by criteria to determine the edge of pavement for widening templates.
SS	Temporary Slope Stake File
XSC	Cross-Sections (to be used with GEOPAK).
XPL	Cross-Section Layout (to be plotted).
SPD	Shear Point Diagram.
TCP#	Traffic Control Plans (# is replaced w/sheet number beginning with 1) Obsolete
PMP#	Pavement Marking Plans (# is replaced w/sheet number beginning with 1) Obsolete
ext, ex1, ex2, . . .	Extended Surveys from Location Obsolete
rev, re1, re2, . . .	Revised Topo from Photogrammetry Obsolete
UTL	Utility Files Obsolete
Shp	GEopak Shape file.
PHM	Public hearing map
REC	Structure Recommended.

svy-req	Survey required.
COR	Corridor map
DTL	Detail Sheet.
EST	Estimate Shape
ggc	Geopak graphical criteria

Other 2D MicroStation (graphic) Files

PHM	Public Hearing Map
PRB	Project Breakdown Maps
TOP	Contour Lines and Planimetrics
PMM	Planimetric Mapping - Photogrammetry
RDF	Raster Design File

MicroStation (graphic) Files -- 3 Dimensional

DTM	Digital Terrain Model (from Photogrammetry)
DTL	Digital Terrain Model (from Location and Surveys)
TRI	Triangle File
CON	Contour File