

Mn/DOT CADD STANDARDS – Listing of Download Files

The following list is intended as general name and description of the **Bentley MicroStation™** resources that Mn/DOT provides for download.

Resource Type:.... *Brief Description*

Resource Name Primary Content

Cell libraries: *Graphic libraries of common symbols or common complex items.*

Hydro04.cel	Hydraulics drainage structure symbols
Lm04.cel	Right of Way feature mapping symbols
Mndot04.cel	Plan view Symbols used by multiple functional groups
Newlight04.cel	Traffic Lighting structures and fixtures
Sign05.cel	Traffic Signs and related structures
Signalo4.cel	Traffic Signals and related structures
Turnemtp04.cel	Design Turning Templates
Xs04.cel	Design cross section view features

Color tables:..... *Controls onscreen display color.*

Colorplt04.tbl	Standard/common color table with specific color numbers reserved as unique RGB values.
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Definition file:..... *Reference file for MicroStation to establish working units.*

MnDOT_units.def	Stores the standard working units used in Mn/DOT project files. Edited version of default units.def from Bentley.
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Design Files:..... Files with content delivered as design file

MnDOTStds_Tsh.dgn	Mn/DOT Title Sheet source. Not cells
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Design Libraries: ... *Source level libraries for Mn/DOT V8 projects.*

AERO04.dgnlib	Aeronautics group for diagrams and management information.
BMAINT04.dgnlib	Building Maintenance group for architectural projects such as truck station (electrical, water, mechanical, architecture)
Common04.dgnlib	Levels required by multiple functional groups such as alignments, notes, map data, grids, sheet border etc.
Design04.dgnlib	Levels required to draft proposed design, hydraulics and traffic plans
GIM04.dgnlib	Cartographic Levels used in creating city, county and state maps.
Map04.dgnlib	Inplace features levels for Surveys, Right of Way, Photogrammetric, Materials
Sitedev04.dgnlib	Additional levels used to create Site Development and Landscape/Corridor plans
TDA04.dgnlib	Levels for Traffic Data Analysis group
Xs04.dgnlib	Levels for Cross Section files – all groups.

Mn/DOT CADD DATA STANDARDS

Seed Files: ...	<i>Seed files for creating Mn/DOT project files (Road Design related)</i>	
E2Dseed04-AllCDM.dgn		2-dimensional seed file, working units of feet with 1000 addressable sub units and DGNLIB's Common04, Design04 and Map04 attached
E2Dseed04-BMAINT.dgn		2-dimensional seed file, working units of feet with 1000 addressable sub units and DGNLIB's BMAINT04 attached
E2Dseed04-Common.dgn		2-dimensional seed file, working units of feet with 1000 addressable sub units and DGNLIB's Common04 attached
E2Dseed04-Design.dgn		2-dimensional seed file, working units of feet with 1000 addressable sub units and DGNLIB's Design04 attached
E2Dseed04-Map.dgn		2-dimensional seed file, working units of feet with 1000 addressable sub units and DGNLIB's Map04 attached
E3Dseed04-Common.dgn		3-dimensional seed file, working units of feet with 1000 addressable sub units and DGNLIB's Common04 attached
E3Dseed04-MAP-COMM.dgn		3-dimensional seed file, working units of feet with 1000 addressable sub units and DGNLIB's Common04 attached
EXSseed04-AllCDM.dgn		2- dimensional seed file, working units of feet with 100000 addressable sub units and DGNLIB Xs04 attached
Resource Files:....	<i>Source libraries that define appearance of fonts and custom line styles. In order to display them correctly, they must be available for MicroStation to find for every design session (file open) that contains elements with the resource file "definitions" as an element attribute.</i>	
Mnfont04.rsc		Mn/DOT fonts library.
Mndotlin04.rsc		Mn/DOT custom line style definitions