

BENTLEY REFERENCE FILE LOGICAL PREFIXES WITH PCMS

Logical Prefixes

Before you can successfully put a Project File out on PCMS, you need to make sure that PCMS knows where to search for the attached reference files. Any reference, that is not a circular reference, will need to have a logical prefix added, NOT to be confused with logical name. Standard workspace reference files that do not reside on PCMS still need a logical prefix applied.

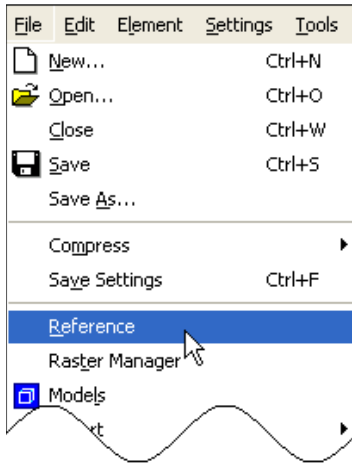
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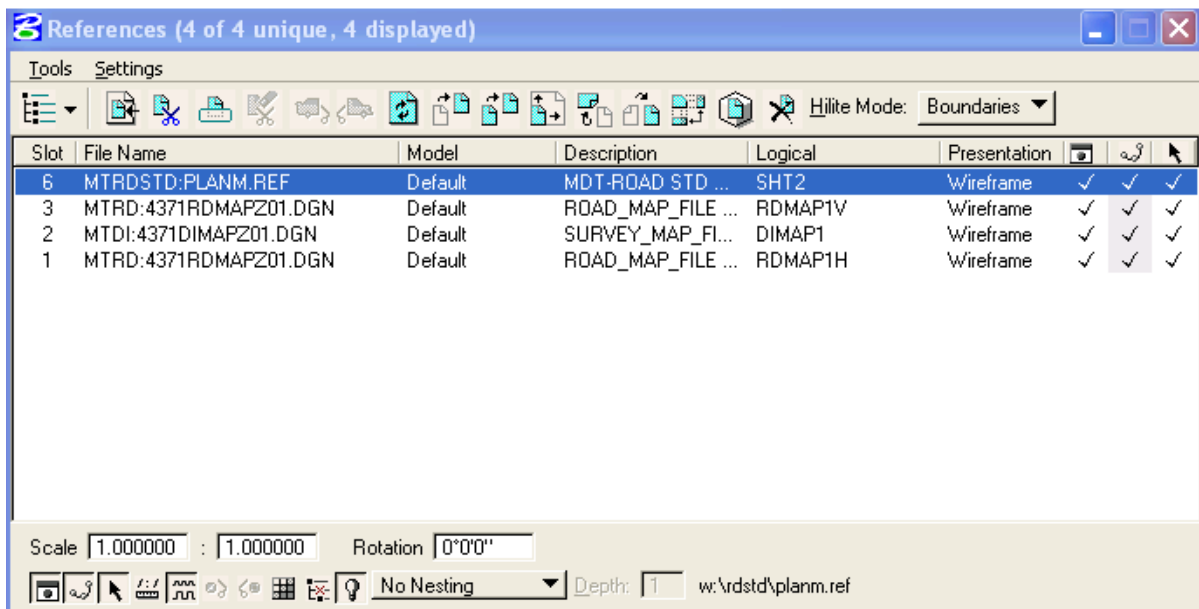
Adding a Logical Prefix

1. Move your cursor to the upper-left hand corner of the MicroStation window and left-click on File to open the menu. Move your cursor down the menu and left-click on Reference.



This will open the References window, which will remain open until you close it manually.

2. Double-click on the file in the References window that you want to add a logical prefix to or alter a preexisting one. This will open the Attachment Settings window.



3. In the Attachment Settings window, click on the field next to File Name and add the appropriate logical prefix including a colon at the end of the prefix as identified in the Reference File Logical Prefixes section below. Then click OK. The Attachment Settings window will close.

Attachment Settings: planm.ref

File Name:

Full Path: w:\rdstd\planm.ref

Model:

Logical Name:

Description:

Scale (Master:Ref) :

Nested Attachments: **Depth:**

☒ D isplay	☐ C lip B ack
☒ S nap	☐ C lip F ront
☒ L ocate	☐ D isplay Raster References
☐ T rue Scale	☐ I gnore Attachment When Live Nesting
☒ S cale Line Styles	☐ U se Lights
☐ P lot To 3D (PDF)	

Reference File Logical Prefixes

Reference file logical prefixes are configured in the MDT CADD Standards workspace UCF (User Configuration File) with the PCMS working directories. PCMS uses the same logical prefixes to locate the reference files in project directories and folders when processing.

PCMS Folder Reference File Prefixes

PCMS Workgroup Folders	Information	Logical Prefix
AB	As-Builts	MTAB:
BR	Bridge – Plans & Comps	MTBR:
CO	Construction – Plans	MTCO:
CP	Contract Plans	MTCP:
DI	District – Working Plans, Survey Files	MTDI:
EL	Traffic Electrical	MTEL:
EN	Environmental - Plans and Documents	MTEN:
GE	Traffic Geometrics	MTGE:
HY	Hydraulics – Plans & Comps	MTHY:
IN	Traffic Investigations	MTIN:
MA	Materials Pavement etc.	MTMA:
MT	Materials Geology	MTMT:
PH	Photogrammetry	MTPH:
RD	Road Design – Plans and Documents	MTRD:
RO	Right of Way – Plans, Exhibits & Documents	MTRO:
SA	Traffic Safety – Plans & Documents	MTSA:
SI	Traffic Signing - Plans & Documents	MTSI:
SU	Survey – Plans and Documents	MTSU:
UT	Utility – Plans & Documents	MTUT:
VI	Visualization – Plans	MTVI:

CADD Standards Workspace Reference File Prefixes

Root Directories	Information	Logical Prefix
BRSTD	Bridge Standards	MTBRSTD:
ELSTD	Electrical Standards	MTELSTD:
ENSTD	Environmental Standards	MTENSTD:
GESTD	Geometric Standards	MTGESTD:
GTSTD	Geotechnical Standards	MTGTSTD:
HYSTD	Hydraulic Standards	MTHYSTD:
RDSTD	Road Design Standards	MTRDSTD:
RWSTD	Right of Way Standards	MTROSTD:
SASTD	Traffic Safety Standards	MTSASTD:
SISTD	Traffic Signing Standards	MTSISTD:
UTSTD	Utility Standards	MTUTSTD:
Root Dir		MTSTD:
STDDET/ENGLISH/	English Standards Drawings	MTSTDE:
STDDET/METRIC/	Metric Standards Drawings	MTSTDM:

Cross Referencing Projects

When PCMS searches for reference files, it will automatically search in the project directory of the project file. Before you can upload a project file that contains an outside project reference, you must also include the project directory in the logical prefix.

For example, if you wish to reference a file from project directory 1234000 into a 1234001 project file, the prefix of the reference file will be MTRD1234000: instead of just MTRD:.

MTRD1234000:1234000RDMAP001.DGN

