Using Mr. SID Files

(MrSID stands for Multiresolution Seamless Image Database, an industry-standard image compression format)

Mr. SID files are natively supported through Raster Manager in MicroStation V8. These files are georeferenced if they are accompanied with ".sdw" (MrSID world file) file. It is important that this file reside in the same folder as the ".sid" file. Note: It is also important to set the raster level name to Raster_level_0.

- Open up MicroStation and attach any reference files you may need.
- Select Preferences => Raster Manager



- Set the Sister File default Unit to 1.00000 Survey Feet as below
- Set the Raster File default Unit to 1.00000 Survey Feet as below

Set Raster Manager preferences.	
General Default Attributes Georeference Memory □ Update MS_RFDIR Automatically ✓ Ignore Locate Interiors ✓ Disable Delete Element Tool on Selected Rasters ✓ Display Raster Using an Independent Process Display Raster Border: When Selected	<u>D</u> K Cancel
Name for preferences Default Preferences Set Raster Manager preferences. Georeference General Default Attributes Sister File Settings Image: Sister File Settings Use Sister File, if Present, for Georeferenced Files Image: Sister File Settings Default Unit Settings Image: Sister File II Unit = 1.000000000 Sigster File: 1 Unit = 1.000000000 Survey Feet	<u>OK</u> Cancel
	General Default Attributes Georeference Memory □ Update MS_RFDIR Automatically Ignore Locate Interiors Image: Comparison of the states □ Disable Delete Element Tool on Selected Rasters Image: Comparison of the states Image: Comparison of the states □ Display Baster Using an Independent Process Image: Comparison of the states Image: Comparison of the states □ Display Baster Border: When Selected Image: Comparison of the states □ Display Raster Border: When Selected Image: Comparison of the states □ Display Raster Border: When Selected Image: Comparison of the states □ Signal Default Preferences Image: Comparison of the states □ Default Attributes Georeference Memory Sister File Settings Image: Comparison of the states Image: Comparison of the states Image: Comparison of the states □ Save Location Info in Sister File if Required Image: Comparison of the states Image: Comparison of the states □ Sister File: 1 Unit = 1.000000000 Image: Comparison of the states Image: Comparison of the states

• Then click on "OK" button.

• Start Raster Manager by choosing File => Raster Manager



• From the Raster Manager dialog box select File=><u>AttachRaster</u>

• This will bring up the Attached Raster Reference dialog box. Path to the folder that contians the ".sid" and ".sdw" files and choose your ".sid" file. Note: It is also important to set the raster level name to Raster_level_0. After selecting Level select <u>A</u>ttach.



📕 Raster Attachment O	ptions	_ 🗆 🗙
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Action		\otimes
General		^
Level	Raster_Level_0	*
Color	ByLevel	1
Line Style	ByLevel	
Weight	ByLevel	
Class	Primary	
Priority	0	
Image		~
Geometry		~
Color		~
Display Print		~
Extended		~
Attach	Cancel	

After the dialog box disappears, you should see your MrSID file referenced to your design file.