INSERTING IMAGES-GEOREFRENCED

To set up ArcGIS into the MD State Plan System, please follow the steps below:

- 1. Open up ArcGIS.
- 2. Right Click on LAYERS tab in Table of Contents and goto PROPERTIES



3. Data Frame Properties window opens....Goto Coordinate System Tab

Data Frame Properties	? X				
Feature Cache Annotation Groups Extent Indicators General Data Frame Coordinate System	Frame Size and Position Illumination Grids				
Current coordinate system:	J				
NAD_1983_StatePlane_Maryland_FIPS_1900_Feet Projection: Lambert_Conformal_Conic False_Easting: 1312333.333333 False_Northing: 0.000000 Central_Meridian: -77.000000 Standard_Parallel_1: 38.300000 Standard_Parallel_2: 39.450000 Latitude_Of_Origin: 37.666667 Linear Unit: Foot_US GCS_North_American_1983 Datum: D_North_American_1983	▲ Clear				
	Transformations				
Select a coordinate system:					
Favorites	Modify				
Geographic Coordinate Systems Import					
tayers tayers tayers tayers tayers	New •				
	Add To Favorites				
	Remove From Favorites				
ОК	Cancel Apply				

4. Goto Predefined Folder > Expand Projected Coordinate System Folder>State Plan



Select a coordinate system:

5. State Plane>NAD 1983 (US Feet)

Select a coordinate system:



6. State Plane>NAD 1983 (US Feet) Select NAD 1983 StatePlan Maryland FIPS 1900 (US Feet)

Select a coordinate system:



7. Click OK

8. A warning window will appear...Click **YES**

Warning:	22
This coordinate system has a geographic coordinate system th differs from one or more data sources in the map.	nat
Alignment and accuracy problems may arise unless there is a c transformation between geographic coordinate systems. Use Transformations button to specify or modify the transformatio used by this data frame.	orrect the m(s)
Do you wish to use this coordinate system anyway?	
Yes No	
Don't warn me again in this session	
🔲 Don't warn me again ever	

Now your GIS is set up for MD State Plan System

To copy a map from ArcGIS and Insert the map to scale and to the correct georeferenced location in CAD follow these steps:

1. Find the location in GIS that you want to copy the image from.



2. Goto File>Export Map

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3. Click SAVE

4. Your map has now been exported to the file location that you set.

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		☐ GIS TEST MAP.jgw	12/14/2016 2:27 PM 12/14/2016 2:27 PM	JGW File JPEG image	1 KB 9,799 KB	

- 5. You will see two files...One is the jpeg and the other one is for the georeferenced information. When placing into Sharepoint for upload – **BOTH OF THESE FILES NEED TO BE UPLOADED!**
- 6. Open up AutoCAD Civil 3D and goto Model Space
- 7. Type in the command line....MAPIINSERT...Select the image and Click OPEN

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8. On the Image Correlation box...Make sure World File is selected....Click Apply and OK

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The map should now be placed into your drawing and to the correct location and scale! (If you don't see the map type in the command line...**Z** Enter **E** Enter)

