



Toolkit Help Document #3 –Export Shapefiles From Geodatabase 6-20-05

Background

GIS Data created in Customer Service Toolkit will often need to be shared with partners or co-workers. NRCS needs to be able to export shapefiles for use by partners who wish to view our GIS data using ArcView.

Example: Planned Land Units and planned conservation practices will need to be exported to shapefiles which will be sent to the NRCS State Archaeologist as part of the site archaeological review.

The process for exporting shapefiles is described below:

How To Export Geodatabase features to shapefile format:

In the following example, we will export planned Practice (line) features (2 planned pipelines) to a shapefile.

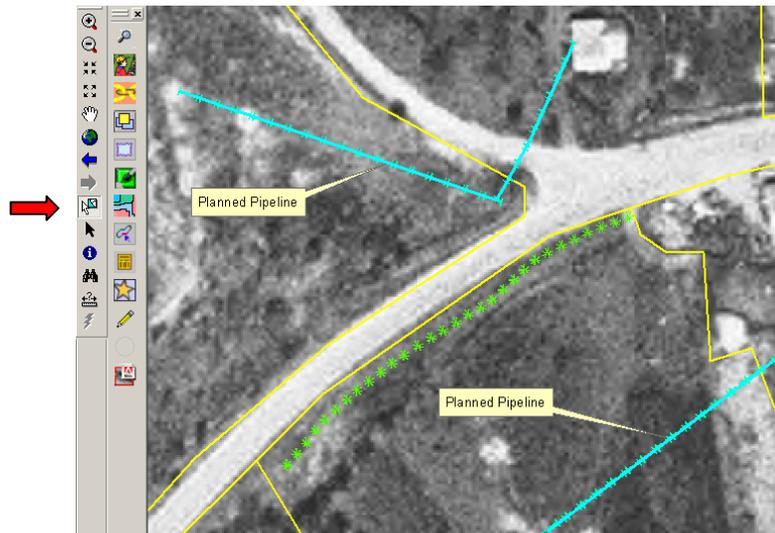
1. In the ArcMap project, set the ‘Selectable Layers’ to the layer you will export data from; in this example it will be the Practice-lines layer. Chose Selection-Set Selectable Layers-Clear All.



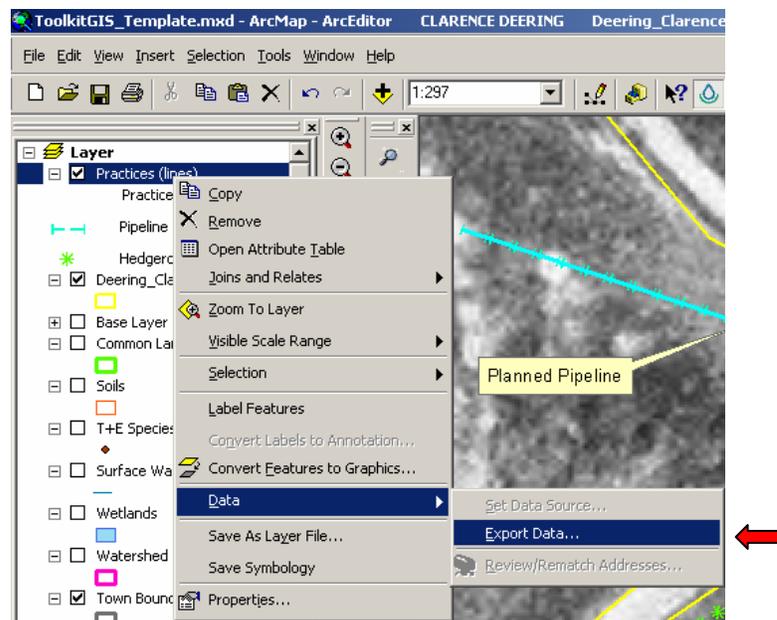
Check the layer from which you will export (Practices lines). Select ‘Close’.

2. Select the features to be exported to a shapefile using the ‘Select Features’ button . Use the ‘shift’ key (keyboard) and select (click on) the two pipelines.

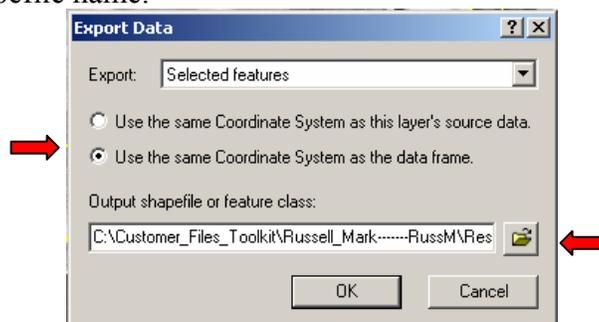
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3. Right click on the Practice (lines) layer in the ArcMap Table of Contents. Select Data-Export Data.

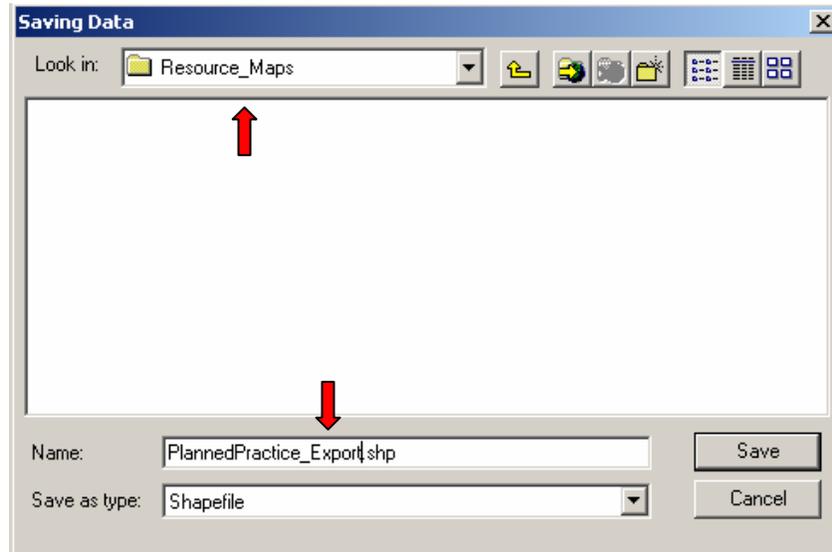


4. Export the 'Selected features'. Use the same Coordinate System as the layer's source data. Select 'Use the same Coordinate System as the data frame'. Click the 'folder icon' to select destination and shapefile name.

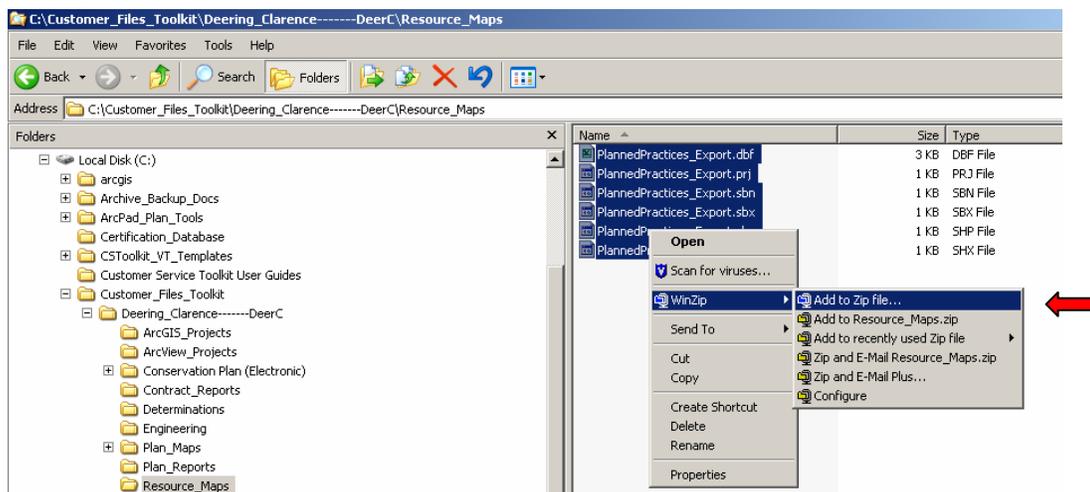


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5. Save the shapefile in the customer’s ‘Resource_Maps’ folder with an appropriate shapefile name.

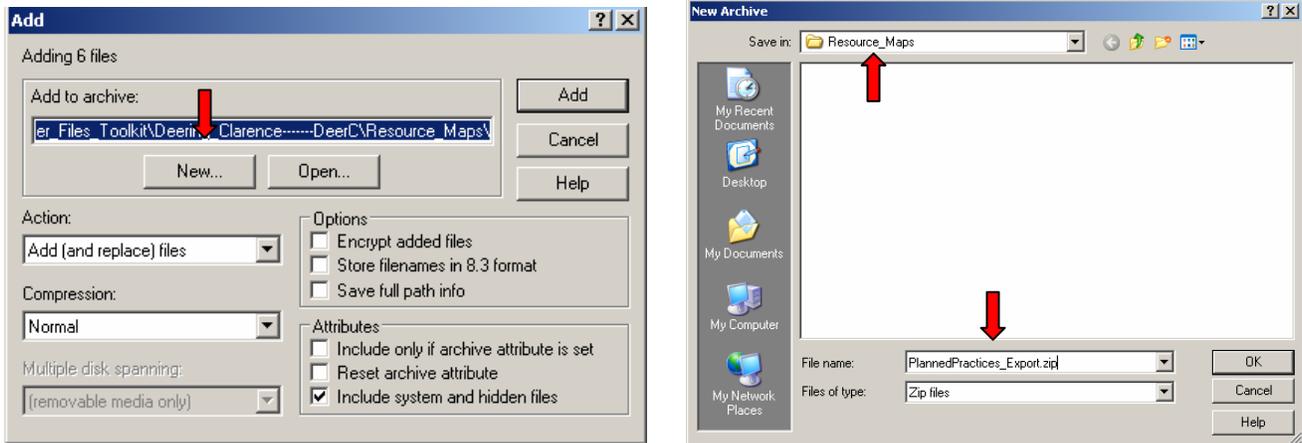


6. To send the shapefile to partners, use Windows Explorer to navigate to the customers Resource_Maps folder. WinZip all files which are part of the shapefile (there could be between 3 and 6 files. All of the files will have the same basic file name, but with different file extensions (.shp, .dbf, .sbn, .sbx, .shx and .prj).
7. Highlight all of the files associated with the shapefile, right click on the highlighted files, and select WinZip-Add to Zip File.

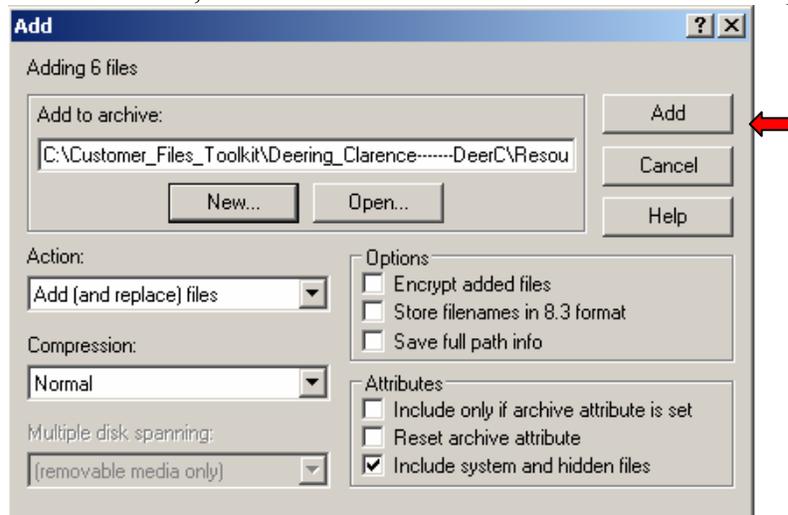


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8. In the WinZip ‘Add’ window, click the ‘New’ button. Save the .zip file with an appropriate name to the Customer’s Resource_Maps folder.



9. In the WinZip ‘Add’ window, click the ‘Add’ button. Close the new WinZip file.



10. The resulting .zip file (located in the customer’s Resource_Maps folder can now be attached to an email and shared with partners in ArcView or ArcGIS.

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