

Trimble Access – Output for GIS

Software needed = Microsoft ActiveSync

These steps will export basic shapefile information without the data that indicates the projection of the survey work. The 3 files have the extensions of .shp, .shx, and .dbf. An Iowa NRCS engineering survey default projection file is needed for proper import into ArcMap.

TSC2-3 Trimble Access (v2011+) Download

On TSC2-3 controller

1. Power on TSC2-3 and press the **Trimble** button to launch Trimble Access.
2. *General Survey...Jobs... Open Job...* And select the job that you want to export.
3. *Jobs...* *Import/Export...Export fixed format files*
4. Pull down *File Format* as **ESRI Shapefiles**
5. Click on filename ... and verify that it is being placed into the Trimble Data/NRCS/Export folder. (This is not required but makes the files easier to find.) Click to exit the **Select folder** screen.
6. Pull down *Coordinates* as **Grid**
7. Click .
8. At the Transfer complete message Click
9. Click and to exit out of **General Survey**.

On computer

10. Connect USB cable to computer, and TSC2 controller.
11. On computer, Active Sync wizard appears. Click . You do not want a partnership.
12. In Microsoft ActiveSync screen Click *Explore*
13. In Mobile Device screen browse to *My Windows Mobile\Trimble Data\NRCS\Export*
14. Use Control + Click to select the 3 files (.shp, .shx, and .dbf) for the project plus the file name *NRCS_IA_UTMif.prj*.
15. Right-click, *copy* on the files that you wish to transfer.
16. Open Windows explorer and browse to your survey download location. (e.g. P:\Eng Projects\Common\2011\Survey download)
17. *Edit... Paste...* to place the 3 files into the download folder.
18. **Must do:** Rename the *NRCS_IA_UTMif.prj* file on the computer to match the .shp name.
19. On the Mobile Device screen browse to the *My Windows Mobile\Trimble Data\NRCS* folder and find the .job file from your survey.
20. Right-click, *copy* on the .job file that you wish to download.
21. Switch to your survey download location.
22. *Edit... Paste...* to place the .job file into the download folder.
23. You can now disconnect the Survey Controller and power it off.

What's Next?

The file created by this process can be imported into:

- ArcMap – use *File...*  *Add Data...* Then browse to the .shp file and Click .
- AutoCAD Map – use MAPCONNECT. Select SHP connection and browse to the .shp file. Click . Click .