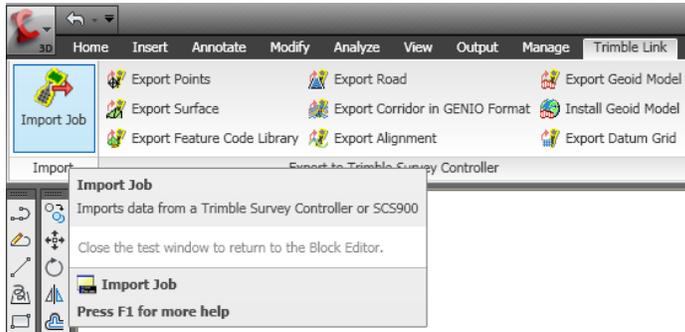


This quick reference guide covers the procedure for downloading survey data from a GPS survey into Civil 3D through Trimble Link. This example covers the process using a Trimble TSC2 controller.

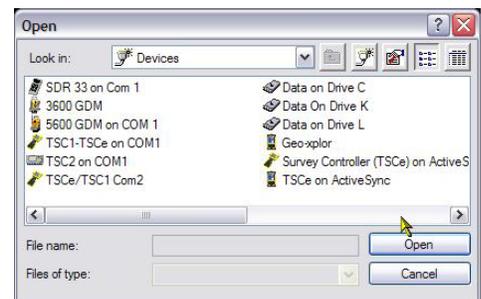
For more information on creating the folders needed to import the survey data, and setting up the survey database and network in Civil 3D, refer to Quick Reference Guide *140.0 Trimble Link – Civil 3D Setup*.

1. Connect your data controller to the computer via ActiveSync.
2. Select *Import Job* on the *Import* panel of the *Trimble Link* ribbon.

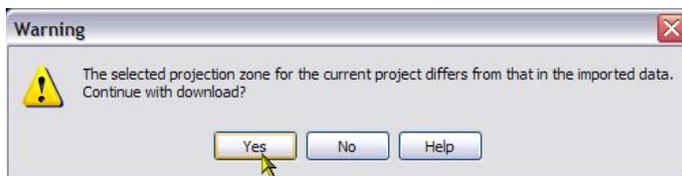


3. If your current drawing has not been saved you will get a warning that you need to save your current drawing. Save it in the drawing folder that you have created to store survey data. Refer to Step A4 in Quick Reference Guide *140.0 Trimble Link – Civil 3D Setup*.
4. Select the appropriate device you are connecting to

- a. Click *Open*
- b. Navigate to and select the desired job on the controller
- c. Click *Open*



5. A warning may appear regarding the projection zone and/or coordinate system. Click on the *Yes* button.



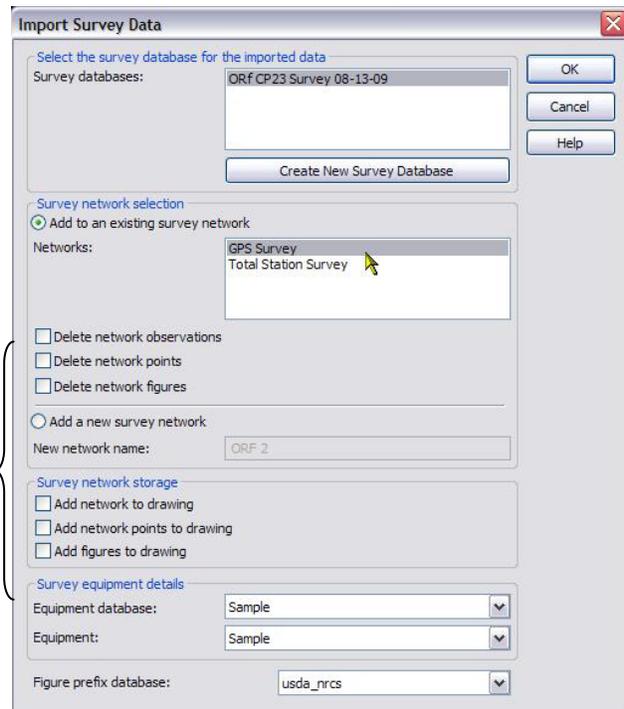
6. Check In

Order	Type	Name	Feature Code	Height	Antenna Type	Antenna Method	Prism (mm)
1	NEZ	2000	IP 2				
2	BASE	2000	IP 2	4.918	Zephyr Geodetic	True Vertical	
3	RTK	2001	IP 2	5.900	R8 GNSS/SPS88x Inl	Bottom of antenna mount	
4	RTK	2002	IP 2	5.900	R8 GNSS/SPS88x Inl	Bottom of antenna mount	
5	RTK	2003	IP 2	5.900	R8 GNSS/SPS88x Inl	Bottom of antenna mount	
6	RTK	2005	TBM 1	6.000	R8 GNSS/SPS88x Inl	Bottom of antenna mount	
7	RTK	2006	IP 1	6.000	R8 GNSS/SPS88x Inl	Bottom of antenna mount	
8	RTK	2007	G	5.420	R8 GNSS/SPS88x Inl	Bottom of antenna mount	
9	RTK	2008	G	5.420	R8 GNSS/SPS88x Inl	Bottom of antenna mount	
10	RTK	2009	G	5.420	R8 GNSS/SPS88x Inl	Bottom of antenna mount	
11	RTK	2010	G	5.420	R8 GNSS/SPS88x Inl	Bottom of antenna mount	
12	RTK	2011	G	5.420	R8 GNSS/SPS88x Inl	Bottom of antenna mount	

Here you can make corrections to Feature code (Field Code), and or Height (Target height) etc. Antenna Type, and Antenna Method are set in the controller. Click on the *OK* button when editing is completed.

## 7. Import survey data

- a. Select a survey database. For more information on setting up a survey database, refer to Quick Reference Guide *140.0 Trimble Link – Civil 3D Setup*.
- b. Add to an existing survey network. For more information on setting up a survey network, refer to Quick Reference Guide *140.0 Trimble Link – Civil 3D Setup*. Be sure to uncheck all of these boxes
  - Delete network observations
  - Delete network points
  - Delete network figures
- c. Click *OK*.



8. Watch the status at the lower left corner. This will take some time and CAD may appear to be not functioning or that it is locked up. Be patient.
9. Survey data is imported into the drawing when the verification window appears. Click on the *OK* button.



## 10. Insert the points into the drawing

- a. Right click on *Survey Points*
- b. Hover over *Points*
- c. Select *Insert into drawing*

The points will be inserted into the drawing, but you may need to zoom out to see them.

