



SAPW

Stand Alone Project Estimate
Worksheet
Final Estimates



Getting Started

Get all required files from Roadway Design website:

Current version is 5.9c

http://ncdot.gov/doh/preconstruct/highway/roadway/eng_coord/sapw/

HOME » Engineering Coordination » SAPW

Roadway Design - Engineering Coordination SAPW Estimate Files

[How To Install SAPW \(text document\)](#)
4DC3DBC66AABAF1C (Copy this code for install password)

[SAPW Installation Program \(.exe file\)](#)

[Item List for English Projects Updated 08/27/08](#)
(after downloading, remove txt extension before importing)

[Item List for Metric Projects](#)
(after downloading, remove txt extension before importing)

[Three Other Tables Needed](#)
(after downloading, remove txt extension before importing)

[How To Use Documents](#)

Code to install

Program

One Item table for English

One Item table for Metric

Three other tables:
Codename
CodeTables
District

The table names you download have the file extension of “.txt”

Remove the file extension from all of the tables.

This is due to Browser limitations with file downloads.

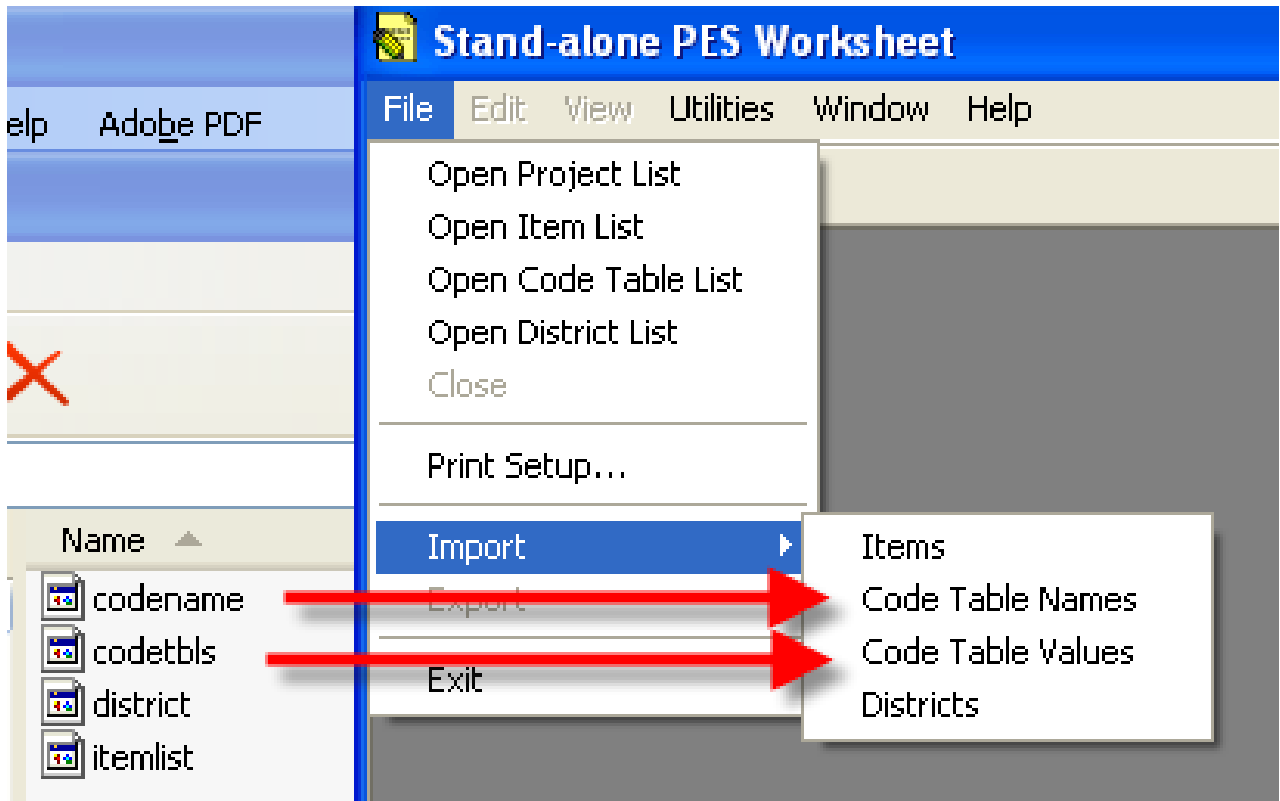
Your files should look like this before importing into SAPW

	codename	7 KB	File
	codetbls	364 KB	File
	district	77 KB	File
	itemlist	3,867 KB	File
	itemlist(m)	2,247 KB	File

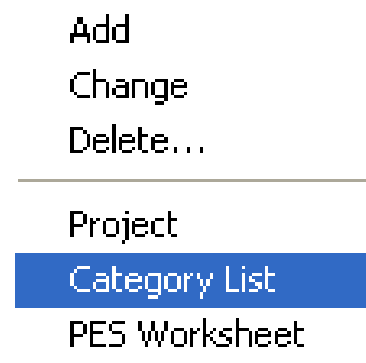
only needed for Metric

Some common issues:

The table names are similar and are sometimes imported incorrectly. Hint: They happen to be in alphabetical order as they are called for importing.



Failure to create a Category after creating Project and skipping to PES Worksheet.



Alternate Pay Items

It is a known bug for now that alternate pay items entered correctly, as shown below

0360000000-E	12" RC PIPE CULV III	LF	954.000	<input type="checkbox"/>		AA1
0360000000-E	12" RC PIPE CULV III	LF	838.000	<input type="checkbox"/>		AA2
0360000000-E	12" RC PIPE CULV III	LF	838.000	<input type="checkbox"/>		AA3
0366000000-E	15" RC PIPE CULV III	LF	2,100.000	<input type="checkbox"/>		AA1
0366000000-E	15" RC PIPE CULV III	LF	1,836.000	<input type="checkbox"/>		AA2
0366000000-E	15" RC PIPE CULV III	LF	1,836.000	<input type="checkbox"/>		AA3
0372000000-E	18" RC PIPE CULV III	LF	676.000	<input type="checkbox"/>		AA1
0372000000-E	18" RC PIPE CULV III	LF	296.000	<input type="checkbox"/>		AA2
0372000000-E	18" RC PIPE CULV III	LF	296.000	<input type="checkbox"/>		AA3
0536000000-E	*** HDPE PIPE CULVTS	LF	116.000	<input checked="" type="checkbox"/>	(12")	AA2
0536000000-E	*** HDPE PIPE CULVTS	LF	264.000	<input checked="" type="checkbox"/>	(15")	AA2
0536000000-E	*** HDPE PIPE CULVTS	LF	380.000	<input checked="" type="checkbox"/>	(18")	AA2
0540000000-E	*** ALUM CORR STL PIPE CULV **TK	LF	116.000	<input checked="" type="checkbox"/>	(12")	AA3
0540000000-E	*** ALUM CORR STL PIPE CULV **TK	LF	264.000	<input checked="" type="checkbox"/>	(15")	AA3
0540000000-E	*** ALUM CORR STL PIPE CULV **TK	LF	380.000	<input checked="" type="checkbox"/>	(18")	AA3

After they are saved, re-arrange and change themselves. This is a coding issue and will be fixed. You just need to enter it correctly and we will fix it on our end.

0360000000-E	12" RC PIPE CULV III	LF	838.000	<input type="checkbox"/>		AA2
0360000000-E	12" RC PIPE CULV III	LF	954.000	<input type="checkbox"/>		AA2
0360000000-E	12" RC PIPE CULV III	LF	838.000	<input type="checkbox"/>		AA2
0366000000-E	15" RC PIPE CULV III	LF	2,100.000	<input type="checkbox"/>		AA1
0366000000-E	15" RC PIPE CULV III	LF	1,836.000	<input type="checkbox"/>		AA1
0366000000-E	15" RC PIPE CULV III	LF	1,836.000	<input type="checkbox"/>		AA1
0372000000-E	18" RC PIPE CULV III	LF	296.000	<input type="checkbox"/>		AA2
0372000000-E	18" RC PIPE CULV III	LF	676.000	<input type="checkbox"/>		AA2
0372000000-E	18" RC PIPE CULV III	LF	296.000	<input type="checkbox"/>		AA2
0536000000-E	*** HDPE PIPE CULVTS	LF	116.000	<input checked="" type="checkbox"/>	(12")	AA2
0536000000-E	*** HDPE PIPE CULVTS	LF	264.000	<input checked="" type="checkbox"/>	(15")	AA2
0536000000-E	*** HDPE PIPE CULVTS	LF	380.000	<input checked="" type="checkbox"/>	(18")	AA2
0540000000-E	*** ALUM CORR STL PIPE CULV **TK	LF	116.000	<input checked="" type="checkbox"/>	(12")	AA3
0540000000-E	*** ALUM CORR STL PIPE CULV **TK	LF	264.000	<input checked="" type="checkbox"/>	(15")	AA3
0540000000-E	*** ALUM CORR STL PIPE CULV **TK	LF	380.000	<input checked="" type="checkbox"/>	(18")	AA3