


# S.S.D.D. Same System Different Data

Volume 1, Issue 1

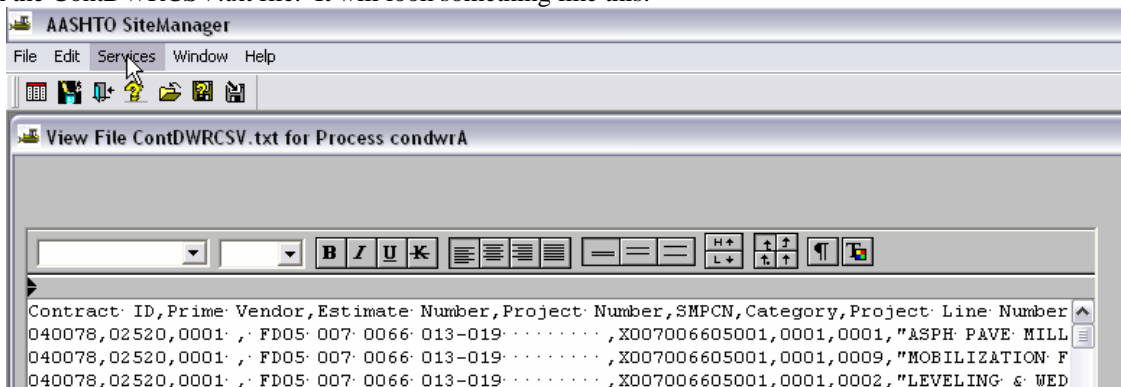
October, 2006

Updated 28 Dec. 06

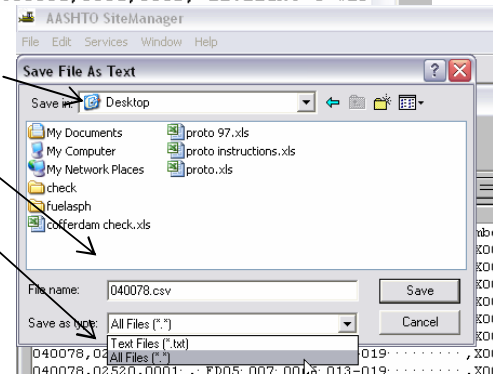
Welcome to another exciting change made by the KYTC! Don't be discouraged, this change is only temporary, and by the time you get used to it, there will be another change. All jests aside, this new spreadsheet will make your lives easier by calculating the fuel and asphalt adjustments for you from data we will shove in it from the SiteManager Database. That being said, break out your favorite caffeinated beverage, take the phone off the hook, and grab your trusty stress ball. Let's go.

 First, we need to grab information from the beloved SiteManager database. Please login as your favorite SiteManager character and your favorite security level (I'm not sure that it matters). From the main panel, sorry we have to wait for some of you and your 'high speed connections' ... Okay, from the main panel, Contractor Payments / Process List and choose the **condwr** report. This report, as some of you know, is a CSV (comma separated values) compilation of all the DWR's we've shoved in the system so far.

Choose the condwr report, click subset, and now choose the PCN of the project you would like to run the adjustments on. Choose submit then choose Services, Process Status, and condwrA (or whatever you just ran). Quadra-click the ContDWRCSV.txt file. It will look something like this:



Please choose File / Save as Text. Now we will pick a good spot to store this csv file where we can get to it later. Many of you have files for each project already. Others will put it in this SMAPP folder. I don't care where you put it, as long as you remember where it is. Name it "*whatever\_you\_want.csv*". As you can see I named mine *the\_pcn.csv* because I will confuse myself if I don't. The important part is to name it .csv and to change the file type as All Files (\*.\*)



If you have multiple files you are wanting adjustments run on, now is a good time to run all the csv files for them. Go ahead, the rest of us will wait. No really, it's all about you isn't it?

Now we all may close or minimize SiteManager. We're done with it. Any one else ready for a break? Take 5-10 minutes and then we'll move on.

*"The more things change, the more they remain...insane."*


-Michael Fry and T. Lewis, Over the Hedge



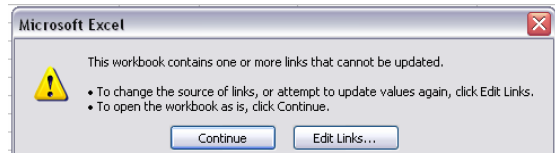
An intricate part of the fuel and asphalt adjustments are the indices posted on construction's fuel and asphalt web site: <http://transportation.ky.gov/construction/fuel/fuel.xls>

If you haven't done so already, please save these indices to your computer *in a location where you can remember where you put them.*

While you are online, download the **Fuel and Asphalt Adjustments** excel template.

 Open the Fuel and Asphalt Adjustments file. Click Enable Macros. Click Update.

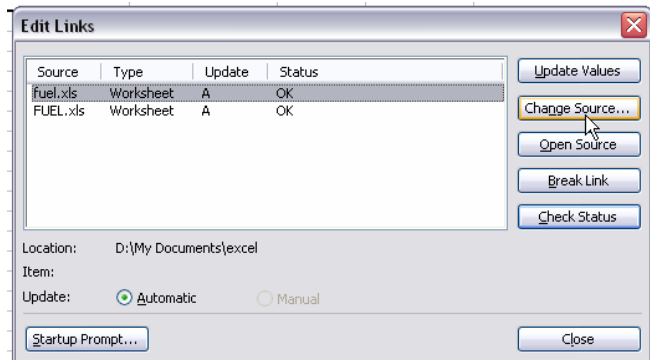
Now we are at our first WTF area. The popup box in front of you asks you to Continue or Edit Links.



Please choose edit links.

If you click the change source button, it will let you link up the fuel/asphalt indices we referred to earlier.

If you didn't download them earlier because you already had them *somewhere* on your machine, now is the time to find them and link them up.

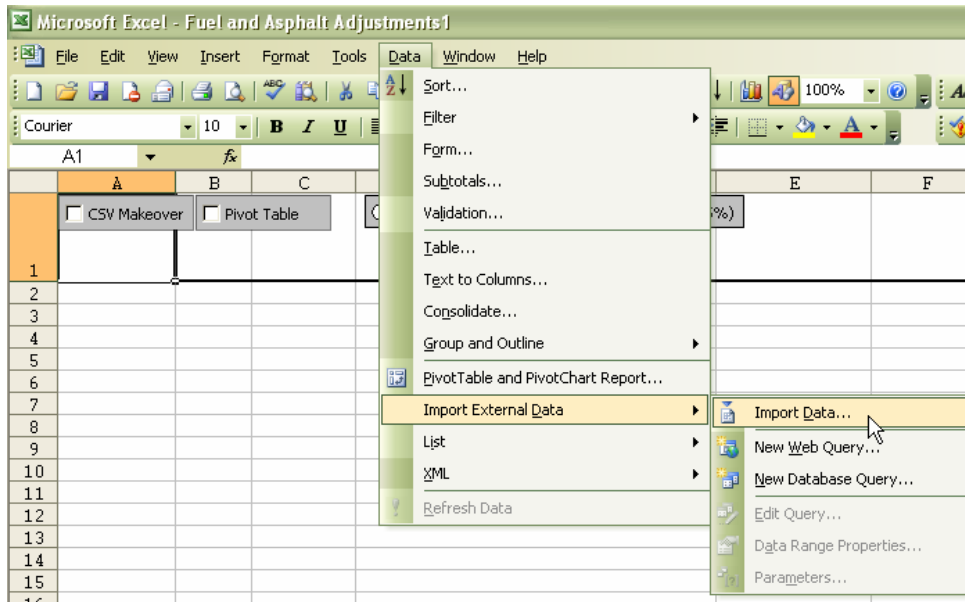


If we don't link them up, a lot of the automatic, timesaving, really cool things on this sheet won't work and you'll have to make your R.A.T.'s do all these adjustments by hand. Man! Why didn't I think of that before?!

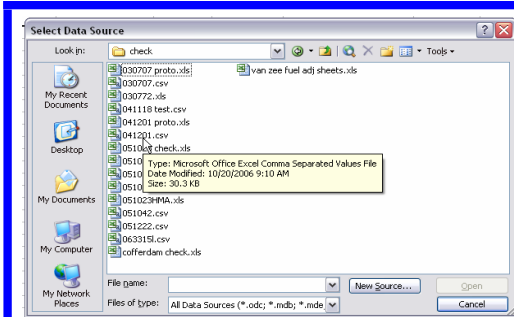
After you get everything linked up, you can now look at the new sheet. Take a moment to take it all in. Oooo! Ahhh! Please look at the CSV sheet.

This is where we are going to import all the data for our project from SiteManager.

Here we go. Go to Data / Import External Data / Import Data.  
(Shortcut = Alt,D,D,D)

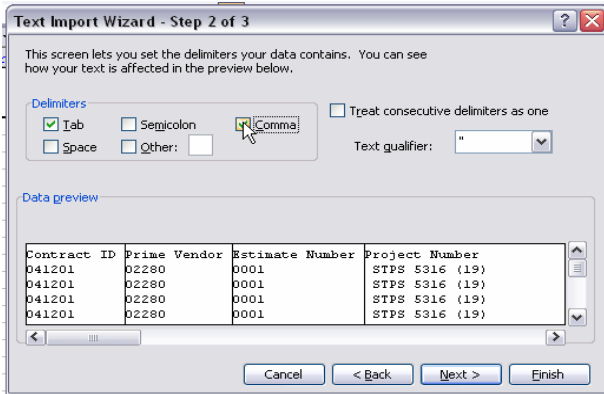
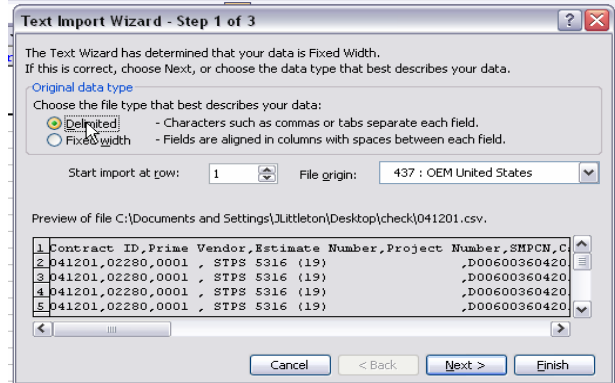


*Note: If you have some crap about 'Get External Data' and there is no 'import data' option, you've been had. Your IT person has passed off some sorry old '97 version on you. You need the 2003 version for this, dude. Call your local IT person and you can correct this problem with asking politely, demanding, and/or threats of physical violence. Good luck.*



You should have the Select Data Source box on your screen. Find the location of your “whatever\_you\_want.csv” file we saved from the SiteManager database.

Next, choose the Delimited option in the Text Import Wizard—Step 1 of 3.



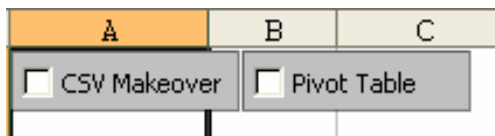
Now, make sure that the ‘Comma’ option box is checked in the Text Import Wizard—Step 2 of 3.

Click Finish. We don’t need step 3 because there is a cool Macro that makes it beautiful later on. Just click finish.

On the Import Data message box, we want to import the data into the Existing worksheet in the \$A\$1 cell. Click ok.

Now all the data that was entered into the SM database for this project is in our excel sheet. This is real handy if you insist on checking finals like we used to with the old paybooks. You can now use all the cool find / filter / sort functions that excel has.

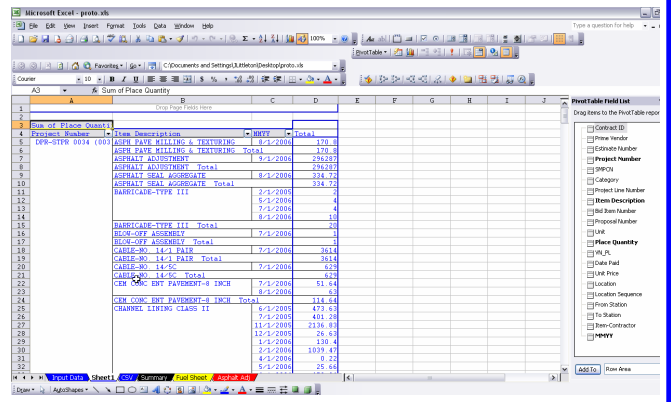
Back to the matter at hand.



You should see two boxes on the top of the CSV Excel page. One says ‘CSV Makeover,’ the other says Pivot Table. If you check the CSV Makeover box, it will format the data a little better than it is now (this is why we skipped step 3 of 3 from before). Epileptics should avert their eyes for this step — Check the CSV box.

If you liked that one, check the Pivot Table box. You should be looking at something like this:

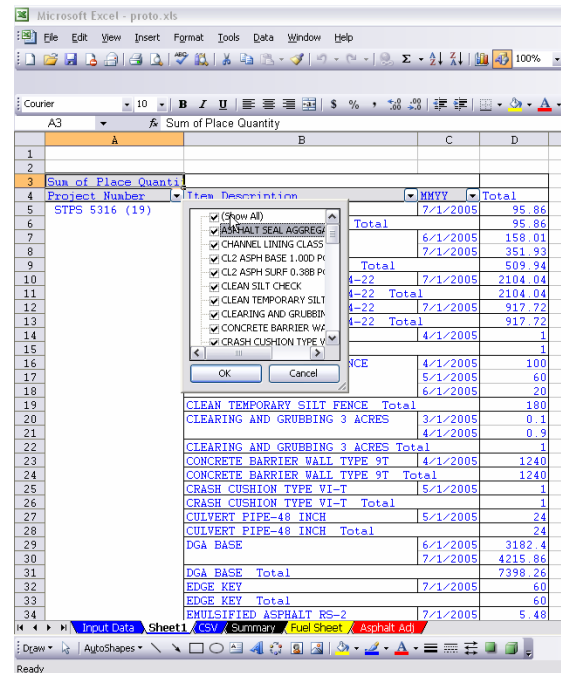
PivotTable reports are interactive tables that make it possible for you to move information around, so that you can see how it fits together. PivotTable reports help you to organize and compare data so that you can see patterns, trends, and relationships. And it takes only seconds to pivot the rows and columns of data from one view to another, like turning a kaleidoscope to see the different patterns.



Don't lose it on me now! Pull yourself together! We're almost there!

Now that we have a Pivot table, we can easily sort through all that data we imported from the SM database. The Pivot table automatically sums up the month's totals for each item. You can also sort through the items by project, if you are one of the lucky few that has a job split into multiple projects.

What we have in front of us is all the items in the contract. Since all the items do not qualify for a fuel or asphalt adjustment, (yet) then we will narrow it down to only those items that will qualify for a fuel and/or asphalt adjustment.



Click the dropdown arrow to the right of the Item Description. If you unclick the Show All, all items will be removed from the table and you can then choose the items one at a time.

Once you have it narrowed down, you should have a much smaller pivot table to view. You can now do a quick check to see if all the item you have listed meet the qualifications for adjustments, as well as double check that you haven't missed any items.

The hard part is over with. Now we are just going to copy and paste data we already have.

Sum of Place Quantity	Project Number	Item Description	MMY	Total
	STPS 5316 (19)	CL2 ASPH BASE 1.00D PG64-22	7/1/2005	2104.04
		CL2 ASPH BASE 1.00D PG64-22 Total		2104.04
		CL2 ASPH SURF 0.38B PG64-22	7/1/2005	917.72
		CL2 ASPH SURF 0.38B PG64-22 Total		917.72
		DGA BASE	6/1/2005	3182.4
		DGA BASE	7/1/2005	4215.86
		DGA BASE Total		7398.26
		LEVELING & WEDGING PG64-22	7/1/2005	675.36
		LEVELING & WEDGING PG64-22 Total		675.36
		ROADWAY EXCAVATION	4/1/2005	17160
		ROADWAY EXCAVATION	5/1/2005	15750
		ROADWAY EXCAVATION	6/1/2005	-3263
		ROADWAY EXCAVATION Total		29647
	STPS 5316 (19)	Total		40742.38
	Grand Total			40742.38

Highlight the item, date, and total quantity. Because it is in the Pivot table form, you can't right-click and hit copy. So what we will do is highlight the fields listed and hit the Ctrl + C keys at the same time. If done properly, you will see the 'ants-go-marching' dancing border around the boxes you have selected.

Sum of Place Quantity	Project Number	Item Description	MMY	Total
	STPS 5316 (19)	CL2 ASPH BASE 1.00D PG64-22	7/1/2005	2104.04
		CL2 ASPH BASE 1.00D PG64-22 Total		2104.04
		CL2 ASPH SURF 0.38B PG64-22	7/1/2005	917.72

We now click on the Input Data tab at the bottom left of the screen.

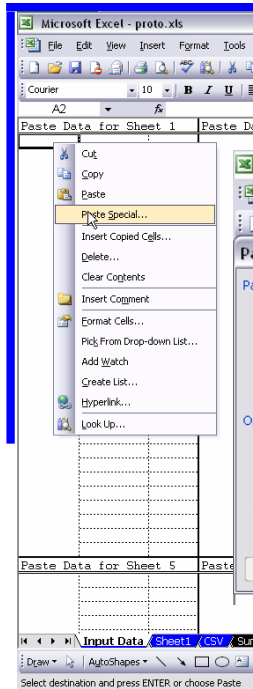


*"I have never let my schooling interfere with my education."*

-Mark Twain

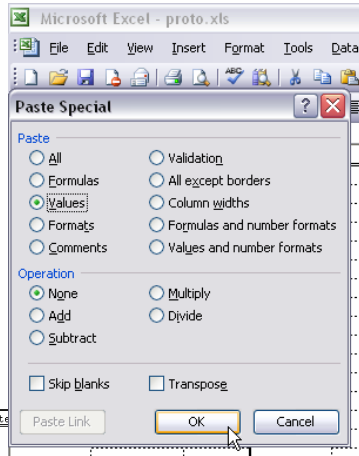
*"There is a fine line between genius and insanity. I have erased that line."*

-Oscar Levant



In the Input Data page, right click on the A2 cell (under 'Paste Data for Sheet 1').

Choose the Paste Special option. Choose the Values radio button. This should input the data you selected from the pivot table into the Input Data page in manner pleasing to the senses.



*Technical info that you aren't the least bit interested in:* The Input Data page is set up as such that the information pasted into the cells below "Paste Data for Sheet X" will be used for both the fuel and asphalt adjustments page X. For example, the data under the 'Paste Data for Sheet 3' will appear in Fuel Sheet (3) and Asphalt Adj. (3)

You will copy the second item and its information into the cells below the Paste Data for Sheet 2. Lather, rinse, and repeat as needed.

You should have a finished product looking something like the example below:

Paste Data for Sheet 1	Paste Data for Sheet 2	Paste Data for Sheet 3	Paste Data for Sheet 4	Paste Data for Sheet 5	Paste Data for Sheet 6	Paste Data for Sheet 7	Paste Data for Sheet 8
CL2 ASPH: 7/1/2005: 2104.04	CL2 ASPH: 7/1/2005: 917.72	DGA 6/1/2005: 3182.4 7/1/2005: 4215.88	LEVELING 7/1/2005: 675.36	ROADWAY EXCAVATI: 4/1/2005: 17160 5/1/2005: 15750 6/1/2005: -3269			

Now everything is set up to go into the Fuel Sheet and the Asphalt Adj. pages.

These might look familiar. They are the same basic pages that Bob Lewis created. We modified them slightly by cleaning off the grille, took a half a turn out of the suspension, decreased the rear spoiler, topped it off, and changed all four. In and out in 15.9. A little practice and the boys will be ready for the bigs.

The yellow fields are the fields that requires a data input. The most important data you will enter in the either sheet is the **Letting Date**. If the Letting date is wrong,...bad things man. The data links that we discussed way back at the beginning are fed by this letting data and will automatically spew forth information vital to the calculations. In the Asphalt Adj. page, be sure to enter a valid JMF value.

If you have more than one item, you will need more than one sheet (Duh). To see an additional sheet, click the Additional Form button at the top left of either of the Fuel or Asphalt pages.



On the summary page, choose Pre-retro, Retro, or Post-retro for your project.

I think we're finished! The printed summary page should look something like this:

Thanks for coming with me on this wild ride.

Any condemnation, criticisms, or complaints of this work-book or its instructions can be sent to:  
Jeremiah.Littleton@ky.gov

*"Any fool can condemn, criticize, and complain — and most fools do."*  
Dale Carnegie

KENTUCKY TRANSPORTATION CABINET DEPARTMENT OF HIGHWAYS DIVISION OF CONSTRUCTION SUMMARY OF ADJUSTMENTS			
NH 9004(01) 51042 Rockcastle			
Res Eng 10/20/2006			
Fuel Adjustments			
	KYTC	ZPOCA	Difference
G12 ASPHALT 1000 P004-22	15,674.09	4,226.60	11,447.49
G13 ASPHALT 1000 P004-22	24,570.00	6,099.40	18,470.60
G14 ASPHALT 1000 P006-22	24,570.00	6,099.40	18,470.60
G15 ASPHALT 0.500 P006-22	14,391.10	3,723.60	10,667.50
ROADWAY EXCAVATION	353.59	897.82	544.23
<b>TOTAL</b>	<b>84,251.63</b>	<b>27,448.82</b>	<b>57,108.11</b>
Asphalt Adjustments			
	KYTC	ZPOCA	Difference
G12 ASPHALT 1000 P004-22	17,392.00	4,226.60	13,165.40
G13 ASPHALT 1000 P004-22	27,449.01	6,099.40	21,349.61
G14 ASPHALT 1000 P006-22	27,449.01	6,099.40	21,349.61
G15 ASPHALT 0.500 P006-22	18,360.14	3,723.60	14,636.54
ROADWAY EXCAVATION			
<b>TOTAL</b>	<b>173,091.22</b>	<b>26,755.20</b>	<b>146,336.02</b>
<b>Fuel Adjustments Total:</b>	<b>84,251.63</b>	<b>27,448.82</b>	<b>57,108.11</b>
<b>Asphalt Adjustments Total:</b>	<b>173,091.22</b>	<b>26,755.20</b>	<b>146,336.02</b>
<b>GRAND TOTALS:</b>	<b>257,244.91</b>	<b>54,204.02</b>	<b>203,040.89</b>



# Potential Problems!



Solved by Unbridled-man

## MULTIPLE PERSONALITY DISORDERS

**Problem:** Some projects have multiple personality disorder. For example, a project will be called BRZ52 blah then , FD0blah. This little comma will cause the CSV file to be imported with birth defects.

**Solution:** Open the CSV file itself. Copy the second project number and all the subsequent information and paste it over the first project number. Then the Item Description fields and others will be in line with the data that they represent. Below is a visual aid.

See how the D column has the first project #?

That messes up the whole shootin' match.

Copy ALL the data starting with project number 2 to the end. (A lot of stuff)

	A	B	C	D	E	F	G	H	I	J
1	Contract IC	Prime Ven	Estimate N	Project Nu	SMPCN	Category	Project Lin	Item Descr	Est Item N	Proposal
2	30749	226	2	APD 119-	FD52 098	X0980119C	3	135 FOUNDAT	8000	
3	30749	226	2	APD 119-	FD52 098	X0980119C	5	151 FOUNDAT	8000	
4	30749	226	2	APD 119-	FD52 098	X0980119C	19	197 JUNCTION	1650	
5	30749	226	2	APD 119-	FD52 098	X0980119C	19	199 CONDUIT-04798M		
6	30749	226	2	APD 119-	FD52 098	X0980119C	19	198 TRENCHIN04820M		
7	30749	226	2	APD 119-	FD52 098	X0980119C	1	1 ROADWA02200M		
8	30749	226	2	APD 119-	FD52 098	X0980119C	1	1 ROADWA02200M		

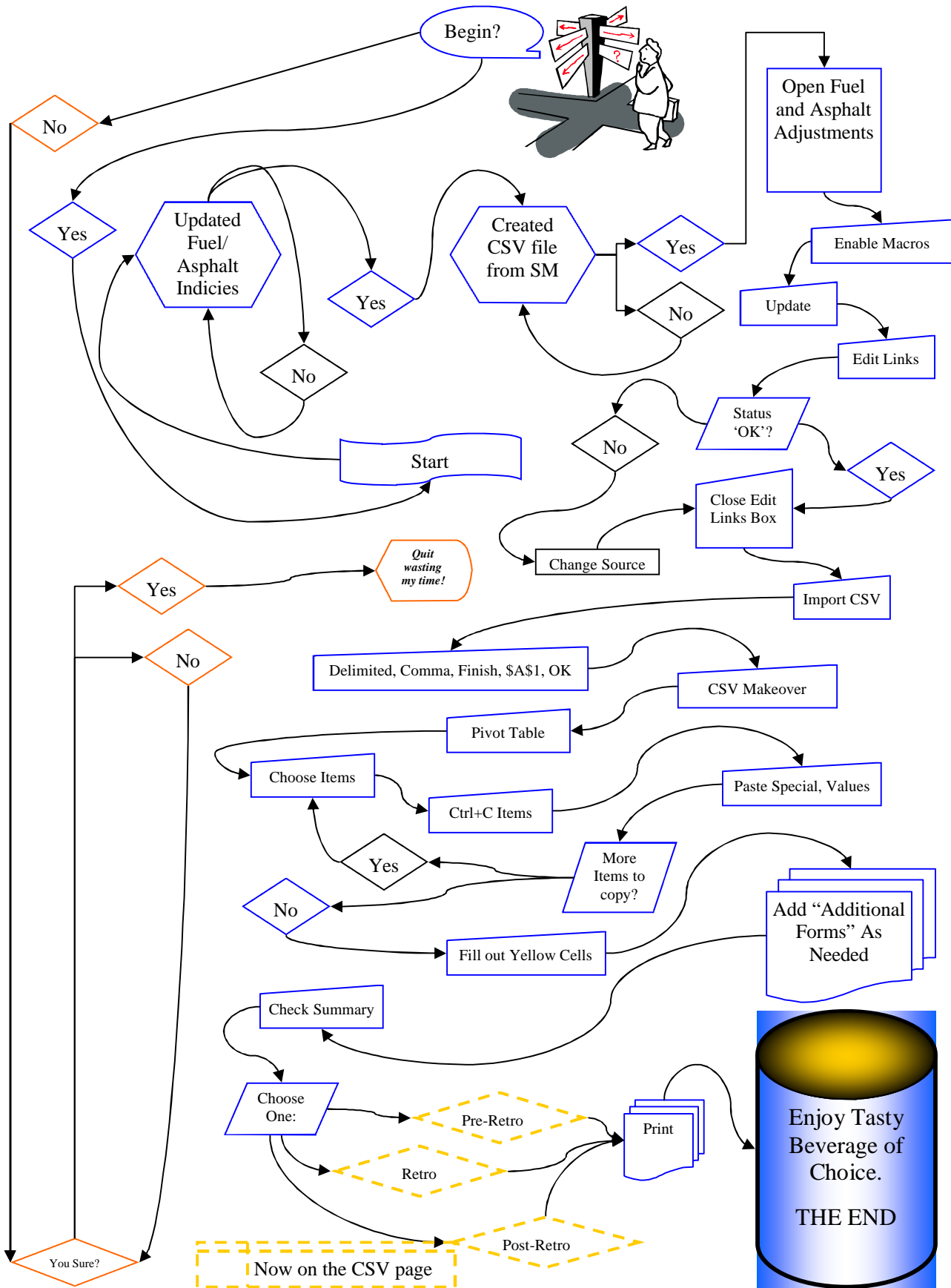
Now just paste all that into the first project number's cell (Usually the D2 cell).

Now just save it as something you will remember and you can begin savoring the F/A adjustment experience. Via con Dios.

	A	B	C	D	E	F	G
1	Contract IC	Prime Ven	Estimate N	Project Nu	SMPCN	Category	Project Lin
2	30749	226	2	APD 119-	FD52 098	X0980119C	3
3	30749	226	2	APD 119-	FD52 098	X0980119C	5
4	30749	226	2	APD 119-	FD52 098	X0980119C	19
5	30749	226	2	APD 119-	FD52 098	X0980119C	19
6	30749	226	2	APD 119-	FD52 098	X0980119C	19
7	30749	226	2	APD 119-	FD52 098	X0980119C	1
8	30749	226	2	APD 119-	FD52 098	X0980119C	1
9	30749	226	2	APD 119-	FD52 098	X0980119C	1
10	30749	226	2	APD 119-	FD52 098	X0980119C	1
11	30749	226	2	APD 119-	FD52 098	X0980119C	1









# Potential Problems!

Solved by Unbridled-man

## GROUP JOBS

**Problem:** The pivot table only shows one part of the group, not the whole kit and caboodle.

**Solution:** First things first, caboodle on your own time. Now, you can adjust the fields in the pivot table relatively easy. If you'll add the 'SMPCN' field to the left of the Project Number field, you should have it broke down for you rather quickly.

	A	B	C	D	E	F	G	H	I
1									
2		Drop Page Fields Here							
3		Sum of Place Quanti							
4		Project Number	SMPCN	Item Des	MMYY	Total			
5		121GR05P050-FD52	MP024002405R1	CL2 ASPH	9/1/2005	50.53			
6					10/1/2005	89.15			
7					11/1/2005	3061.55			
8					12/1/2005	373.56			
9				CL2 ASPH BASE 0.75D		3574.79			
10				CL2 ASPH	7/1/2006	8351.27			
11				CL2 ASPH SURF 0.38D		8751.27			
12				JPC PAVEM	9/1/2000	0			
13					9/1/2005	68			
14					10/1/2005	1318.71			
15					5/1/2006	685.41			
16				JPC PAVEMENT-10/24		2072.12			
17				MP024002405R1 Total		13998.18			
18				MP111002405R1	CL2 ASPH	9/1/2005	19.93		
19					10/1/2005	115.22			
20					11/1/2005	1842.13			
21					12/1/2005	597.31			
22				CL2 ASPH BASE 0.75D		2574.59			
23				CL2 ASPH	7/1/2006	7284.64			
24				CL2 ASPH SURF 0.38D		7284.64			
25				JPC PAVEM	10/1/2005	1608.68			
26					5/1/2006	205.35			
27				JPC PAVEMENT-10/24		1814.03			
28				MP111002405R1 Total		11673.26			
29		121GR05P050-FD52	Total			25671.44			
30		Grand Total				25671.44			
31									

**PivotTable Field List**

Drag items to the PivotTable report

- Contract ID
- Prime Vendor
- Estimate Number
- Project Number
- SMPCN
- Category
- Item Description
- Project Line Number
- Bid Item Number
- Proposal Number
- Unit

Add To Row Area

Why does a chicken coop have 2 doors?

'Cause if it had 4 doors, it would be a chicken Sedan!

# What is it?

