



Setup

If you're using Foundation Software, you'll want to start by setting up your integration in Estimating Link. To do so, go to **Setup > Options > Accounting**. Select whether you would like to export by either **Item Number** or by **Cost Code** and select **Foundation**:

CLI Preferences		×
Company General Cost Types Rate 1	Tables Item Sheets Bid Sheet SMC/RTC Digitizer Printe	er Catalogs Database Accounting Field Link States Admin
	1. 1. 1. 1	
Accounting Exports By:	C Item Number Cost Code Advanced	
Available Accounting Exports		
☐ Cheetah	Computer Ease	
Computer Guidance	Explorer	
Spectrum Detailed	G Spectrum Summary	
Foundation	View Point	
T Master Builder	Maxwell NGS2000	
Maxwell Standard	Cuick Books Contractor Edition	
TimberLine Gold	TimberLine Gold With Resources	
TimberLine Medallion	TrueLine	
Sage 100	Sage 300	
	1	
	Close	Print Preferences

*Note: Cost Codes are taken from the Item Worksheet and are based on Take-off quantities.

Import Cost Codes

If you already have your Cost Codes built, save them as a .csv file and then you can import them into Estimating Link via the Cost Code Library. To do so, go to **Setup > Cost Code Library**. Within the window select **File > Import** and select your saved .csv file:

import			
Export Delete All	th an asterisk (") to match in the middle of the t	lext.	ind
Print Close	Description	Unit of Measure	User-
1000	avation	CYS	
1235	jackhammering	SF	
1250	Sawing Pave	LF	
2000	Pipe	LF	
3000	Subbase	SYS	
4000	Asphalt	Tons	
	Subcontractors	EA	
5000			



(800) 448-0741





Export

To export your project, go to **File > Export > Accounting > Foundation**:

Create New Open Existing Project Alt+O Close Current Project Alt+L	,	. 123456, Reconstruction of	Main St	reet			
Project Properties Project Comments		Item Number	Bid Qty / Takeoff Qty		Calc. Unit / Unit Cost	Bid Unit	
Import		ove	2.0	0.000	6.312	8.040	
Export	>	Backup Project		6.752	6.312		
Delete Project		Send to Field Link Online		0.000	53.553	53.550	
		To FRS State File		0.000	53.553		
1- ADA112908		in the state the		0.000	6.398	6.400	
2- MASTER		Bid Sheet	>	0.000	6.398		
3- TRACI		Rate Tables	>	0.000	72.752	72.750	
4- ITEM SHEET DEEP DIVE		Item Sheet		0.000	72.752		
5- 21060		0.00		0.000	124.804	119.610	
		SMC	1	0.000	124.804		
Exit Estimating Link Alt+X		RIC	2	1.000	0.000	300.000	
301.05.1	Fixed ¢	Accounting		Op	tions		
401.01	-	Scheduling					







Example/Explanation

Using Estimating Link sample project, Item 401.01 Asphalt base as an example:

Estimating Link * Version 3.0.8 File View Services Rate Tables	16 (102) Item Sheets Bid Sheet SMC RTC Setup Reports Add Comment	Window Help				- 0 ×
Project Explorer <<	Item: 401.01	Description: Base Asphalt		Start Date:	-	Total Cost
8 🙆 8d tens	TC	Description	Quantity U/M	Factor Rate	Costs	UnitCost
B B Bd terrs	1 401.01 A		15,000.00 LF	1.00 0.050	750.00	Labor
- 101	C Mainline Asphalt Crew		1.00			
8 + 201.01	L Foreman		1.00	2.00 256.128	512.26	\$3,256.50
8-• 301.05	L Skilled Jahorer		1.00	2 00 246 769	493.54	
401.01 A	L Basic Laborer		1.00	2.00 238 580	477.16	\$2.91
- 9 501.01	1 Asshalt Rajar		1.00	2.00 249.402	498.80	Material
- <u>-</u> 600	L Class & Operator		1.00	2 00 322 845	645.69	
NDRECT	L Class B.Orenativ		1.00	2.00 314 527	629.05	\$69,440.00
Rate Tables	E Polyn 3id the		1.00	2.00 37.140	74.32	
- 1 Labor	P Asshalt Parar		1.00	2.00 904.000	1 808.00	\$62.00
Bertal	B Boller, Asshall		1.00	2.00 415.200	830.40	Equipment
- 1 Maerial	M Tune 3 Ender Asshab Consula		1 1 20 00 844	1.00 63.000	69,440,00	
-(II) Subcontractor	0 haul 1 mile from ich eite		35.00 cm	1.00 1.660	41.50	\$74.32
- Other			23.00 199	1.00	41.00	
Fectors Fordurs Fordurs Fordurs State Sta						Rental \$2,638.40 \$2.36 Subcontractor
8-Ge Al Projects	i d				>	
- Ga 2014 - Ga 2015	Unit Cost \$68.036			Total Cost	\$76,200.72	\$750.00
9) 444 2015 -444 2017 -444 Pending	Production: Duys Bid Quantity Take Office 120.000 Man Hours Units/Mil	HewDay: DEFAULT 8 • 2y Unit of Measure 1120 000 TONS Mis/Unit 11.662 0.0457	UnitsDay 560 cm	CestCode: 400	s Real	50.67 Other \$41.50 \$0.04
Bate Item Bid SMC	RIC Open Close Egit The Construction L	ink, Inc. Project: MAIN	ur			

Note that the Cost Code for the Primary Item 401.01 is 4001 with a Cost Code Description of basw displayed in the Cost Code Library:

No.	Cost Code Libra	ry				×
	Search: 4001	rm v	with an asterisk (*) to match in the middle of the text.		Find	
\square	Cost Code	-	Description	Unit of Measure	User-1	^
	40 70 00		Instrumentation for Process Systems	LS		-
	400		STRIP TOPSOIL	CY		-
	4000		Asphalt	Tons		
	40-000001		CLEAN & TACK COAT ASPHALT	SF		
	4001		basw			
	4000					*
	New	E	it Delete		Close	







Note also, that the Item has a Sub-Level Item attached to it, 401.01 A, which is a striping Item and has a cost from the SMC Table for 15,000 LF of stripe at \$0.05 per LF and a Cost Code of 1960 and a Cost Code Description of Paving from the Cost Code Library.

When exported to Foundation, the resulting file is displayed in notepad:

ſ	🖹 MAIN	v_ST.TXT
I	1	4001,basw,4001,basw,96.00,1740.32,74.32,2638.40,69440.00,0.00,41.50,1516.18
I	2	4001,basw,1960,PAVING,0.00,0.00,0.00,0.00,0.00,750.00,0.00,0.
I	3	
I		

The first row would be the results of the primary Item. An explanation of each number shown in the top row is below:

4001	Cost Code
basw	Cost Code Desc.
4001	Cost Code repeated
basw	Cost Code Desc. repeated
96.00	Man Hours
1740.32	Unburdened Labor from the Rate Tables: 1,740.32 = the Base Wage for two days of the Foreman, Skilled Laborer, Basic Laborer, Asphalt Raker, Class A Operator, and Class B Operator = ((17.10 + 16.3 + 15.6 + 16.50 + 21.99 + 21.99 + 21.28) * 16).
74.32	Equipment Costs in the Primary Item
2638.40	Rental Costs in the Primary Item
69440.00	Material Costs in the Primary Item
0.00	Subcontractor Costs in the Primary Item
41.50	Other Costs in the Primary Items
1516.18	Labor Burden Costs = 1516.18 - If you add this to the Unburdened labor cost from above 1740.32, it equals the Total Labor Cost for the Primary Item = 3,256.50

In the second row, the results of the Sub-Level Item are displayed with Subcontractor Costs = 750 in the Sub-Level Item.







Labor)🛁Equ	ipment	Rental	Material	Subcontractor	Other	Crews	Factors	Ø	efaults						
Code		Description								Cost	Category	Base Wage	Benefits	Payroll Taxes	Hourly Wage	Rate Per Day
CAR0001		Carpenter Heavy/Highway										17.290	8.160	8.21	33.66	269.24
ELE0001		Electricia	n - Journey	man								21.500	5.900	9.99	37.39	299.10
ELE0002		Electrian	- Apprentic	e 3rd+								18.300	5.900	8.50	32.70	261.61
IRO0001		Ironworker - Reinforcing										19.200	8.080	8.92	36.20	289.60
LAB0001		Foreman	1									17.100	7.010	7.91	32.02	256.13
LAB0002		Skilled la	aborer									16.300	7.010	7.54	30.85	246.77
LAB0003		Basic La	borer									15.600	7.010	7.21	29.82	238.58
LAB0004		Pipe Lay	er									16.500	7.010	7.67	31.18	249.40
LAB0005		Asphalt F	Raker									16.500	7.010	7.67	31.18	249.40
MAS0001		Mason Heavy/Highway										17.260	6.450	8.02	31.73	253.83
OPR0001		Class A Operator										21.990	8.150	10.22	40.36	322.85
OPR0002		Class B (Operator									21.280	8.150	9.89	39.32	314.53



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