

## **CSS CIVIL & SITEWORK DATABASE**

The Construction Support Services
Civil and Sitework database has over
5100 items of work for General
Conditions, Existing Conditions,
Earthwork, Exterior Improvements
and Site Utilities. The phase
structure of the database is arranged
in the 2018 divisions of the CSI
Master Format.

We have utilized crew-based pricing for labor activities which can be modified by the end user. Multiple rate tables are also available within the database.

This database is complete with labor productivity, material unit pricing and Subcontractor pricing which can be modified by the end user with their specific historical data.

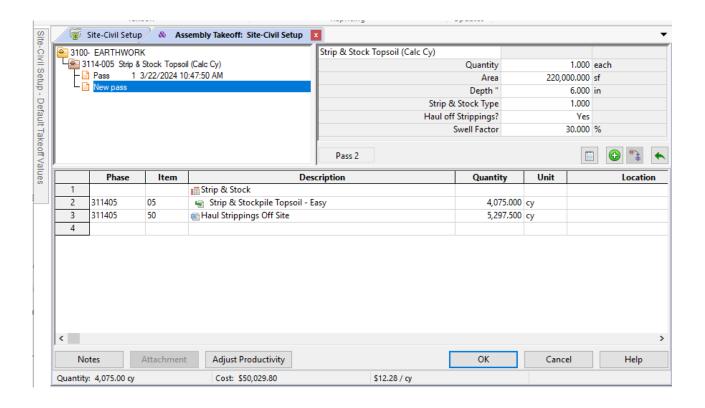
The database includes extensive assembly help files with sample details and photos for every assembly accessible from both estimating and eTakeoff.

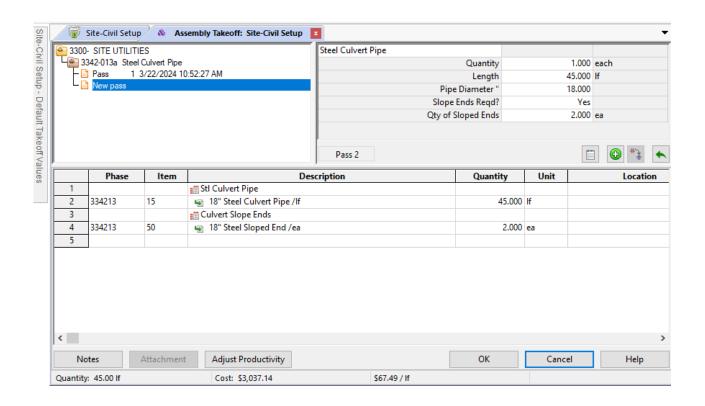
eTakeoff traces and Bridge mappings are included with the database.

## **Database Specifications**

Over 5,100 Items Over 1000 Formulas Over 120 Assemblies

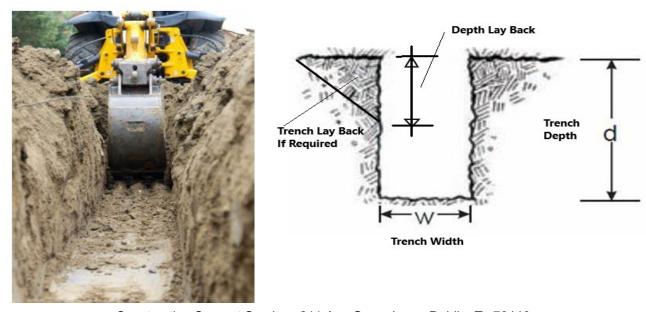
<u>Division</u>	# of Assemblies					
General Condition	S	2				
<b>Existing Conditions</b>	S	12				
Site Preparation		6				
Excavation		5				
Fill		2				
Erosion Control		5				
Paving/Pad Stabili	zation	5				
Excavation Stabilize	zation	7				
Shoring		5				
Foundations		5				
Paving & Walks		12				
Formed Site Conc	rete	6				
Pavers		5				
Pavement Marking	J	4				
Artificial Turf		2				
Fencing		11				
Retaining Walls		3				
Bollards		2				
Landscape/Irrigation	on	4				
Water Utilities		3				
Sewer Utilities		2				
Storm Drainage		9				
Detention/Retention	n	6				
Gas Lines		1				
Highway Guardrail	ls	1				





	Assembly Phase	e Description	Takeoff Quantity	Labor Productivity	Labor Hours	Labor Price	Labor Cost/Unit	Labor Amount	Material Price	Material Amount	Sub Price	Sub Amount	Equip Price	Equip Cost/Unit	Equip Amount	Total Amou
156	3168-013	Rock Anchors														
157	316813	Drill & Epoxy 1" Bolt	2.00 ea	1.400 hr/ea	2.80	15.00 /hr	21.00 /ea	42	26.00 /ea	52	-	-	8.00 /ea	8.00 /ea	16	
158	316813	1"x 18" Galv. A.B. w/Dbl. Nuts/Washers	2.00 ea	-		-	-	-	16.50 /ea	33	-	-	-	-	-	
159	3211-005	Base Course no Paving														
160	321105	Crush Stone 1/2" Type D	0.80 tn	0.032 hr/tn	0.03	18.42 /hr	0.58 /tn	0	21.00 /tn	17	-	-	3.50 /tn	3.50 /tn	3	
161	3212-005	Cold Mix Asphalt Paving-Tn														
162	321205	Cold Mix Asphalt /tn	0.50 tn	0.200 hr/tn	0.10	19.39 /hr	3.88 /tn	2	85.00 /tn	43	-		20.00 /tn	20.00 /tn	10	
163	321205	Tack Coat	1.00 sy	0.001 hr/sy	0.00	15.00 /hr	0.02 /sy	0	0.80 /sy	1	-		-	-	-	
164	321105	Crush Limestone 3/4"	0.10 tn	0.032 hr/tn	0.00	18.42 /hr	0.60 /tn	0	20.75 /tn	2	-	-	3.50 /tn	3.50 /tn	0	
165	3212-010	Hot Mix Asphalt Paving-Tn														
166	321205	Hot Mix Asphalt Base /tn	0.50 tn	0.200 hr/tn	0.10	19.39 /hr	3.88 /tn	2	100.00 /tn	50	-		20.00 /tn	20.00 /tn	10	
167	321205	Hot Mix Asphalt Surface /tn	0.50 tn	0.200 hr/tn	0.10	19.39 /hr	3.88 /tn	2	120.00 /tn	60	-		20.00 /tn	20.00 /tn	10	
168	321205	Tack Coat	2.00 sy	0.001 hr/sy	0.00	15.00 /hr	0.02 /sy	0	0.80 /sy	2	-		-	-	-	
169	321105	Crush Limestone 3/4"	0.21 tn	0.032 hr/tn	0.01	18.42 /hr	0.60 /tn	0	20.75 /tn	4	-		3.50 /tn	3.50 /tn	1	
170	3212-010	Hot Mix Asphalt Paving-sy														
171	321205	2" Hot Mix Asphalt Surface /sy	1.00 sy	0.020 hr/sy	0.02	19.39 /hr	0.39 /sy	0	120.00 /tn	16	-		20.00 /tn	2.64 /sy	3	
172	321205	3" Hot Mix Asphalt Base /sy	1.00 sy	0.020 hr/sy	0.02	19.39 /hr	0.58 /sy	1	85.00 /tn	17		_	20.00 /tn	3.96 /sy	4	
173	321205	Tack Coat	1.00 sy	0.000 hr/sy	0.00	15.00 /hr	0.02 /sy	0	0.80 /sv	1	-	-	20.00 /111	3.30 /Sy	-	
174	321105	Crush Stone 1/2" Type D	0.09 tn	0.001 hr/sy	0.00	18.42 /hr	0.50 /tn	0	21.00 /tn	2		-	3.50 /tn	3.50 /tn	0	
175	3212-011	Asphalt Curb	0.05 (1)	0.002 H17 H1	0.00	10.72 ////	0.00 /111	0	21.00 /01	2			5.50 rul	5.50 rul		
176		•	0.50.1	0.200 hr/tn	0.10	40.00 #	0.00.4		400.00 #	60				20.00 /tn	10	
	321205	Hot Mix Asphalt Surface /tn	0.50 tn	0.200 nr/tn	0.10	19.39 /hr	3.88 /tn	2	120.00 /tn	60	-	-	20.00 /tn	20.00 /tn	10	
177	3213-013	Concrete Paving														
178	321313	Ready Mix 3500 PSI	0.51 cy	-		-	-	-	150.00 /cy	76	-	-		-	-	
79	321313	Forms Steel Type	33.00 lf	-		-		-	1.04 /lf	34	-	-	-	-	-	
80	321313	Form 2x6 Random Length	33.00 If	-		-	-	-	1.65 /lf	54	-	-	-	-	-	
81	321313	Wood Stakes At Forms	17.00 ea	-		-		-	0.80 /ea	14	-	-	-	-	-	
82	321313	# 3 Rebar @ 18" cc	29.78 sf	-			-	-	0.75 /lb		350.00 /tn	3	-	-	-	
83	321313	Wire Mesh 6x6 W1.4x W1.4 10/10 ga.	29.78 sf	-		-	-	-	0.19 /sf	6	0.19 /sf	6	-	-	-	
184	321313	Paving Form Labor -If	66.00 If	0.113 hr/lf	7.46	20.00 /hr	2.26 /lf	149	-	-	-	-	-	-	-	
1	0200-060	Demo Asphalt Paving														
		Demo Asphalt Paving Remove Asphalt -L&E	29.02 sf	0.010 hr/sf	0.29	25.25 /hr	0.25 /sf	7	-	-	-	-	0.40 /sf	0.40 /sf	12	
2	024113		29.02 sf 0.47 cy	0.010 hr/sf 0.056 hr/cy	0.29 0.03	25.25 /hr 15.00 /hr	0.25 /sf 0.84 /cy	7	-	-	-	-	0.40 /sf 3.50 /cy	0.40 /sf 3.50 /cy	12	
2	024113	Remove Asphalt -L&E Haul Off Asphalt - L&E								-	-					
2 3 4	024113 024113 <b>0200-065</b>	Remove Asphalt -L&E			0.03					-	-					
2 3 4 5	024113 024113 0200-065 024113	Remove Asphat -L&E Haul Off Asphat - L&E Demo Concrete/Masonry Walls	0.47 cy	0.056 hr/cy	0.03	15.00 /hr	0.84 /cy	0	-	-	-	-	3.50 /cy	3.50 /cy	2	
2 3 4 5 6	024113 024113 <b>0200-065</b> 024113 024113	Remove Asphat -L&E Haul Off Asphat - L&E Demo Concrete/Masonry Walls Remove Concillasonry Walls -L&E Haul Off Concrete - L&E	0.47 cy 4.50 cy	0.056 hr/cy 2.500 hr/cy	0.03	15.00 /hr 25.25 /hr	0.84 /cy 63.12 /cy	284	-	-	-	-	3.50 /cy 20.00 /cy	3.50 /cy 20.00 /cy	90	
2 3 4 5 6 7	024113 024113 0200-065 024113 0200-100	Remove Asphat -L&E Haul Off Asphat - L&E Demo Concrete/Masonry Walls Remove ConcMasonry Walls -L&E Haul Off Concrete - L&E Demo Pole Bases	0.47 cy 4.50 cy 5.63 cy	0.056 hr/cy 2.500 hr/cy 0.056 hr/cy	0.03 11.25 0.32	15.00 /hr 25.25 /hr 15.00 /hr	0.84 /cy 63.12 /cy 0.84 /cy	284	-	-	-	-	3.50 /cy 20.00 /cy 3.50 /cy	3.50 /cy 20.00 /cy 3.50 /cy	90 20	
2 3 4 5 6 7	024113 024113 0200-065 024113 024113 0200-100 024113	Remove Asphat -L&E Haul Off Asphat - L&E Demo Concrete/Masonry Walls Remove Concillasonry Walls -L&E Haul Off Concrete - L&E	0.47 cy 4.50 cy 5.63 cy	0.056 hr/cy 2.500 hr/cy 0.056 hr/cy 3.000 hr/cy	0.03	15.00 /hr 25.25 /hr	0.84 /cy 63.12 /cy 0.84 /cy 55.24 /cy	284	-	-	-	-	3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy	3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy	90	
2 3 4 5 6 7 8 9	024113 024113 0200-065 024113 024113 0200-100 024113	Remove Asphat -L&E Haul Off Asphat - L&E Demo Concrete/Masonry Walls Remove Concidesonry Walls -L&E Haul Off Concrete - L&E Demo Pole Bases Remove Pole Bases -L&E Haul Off Concrete - L&E Haul Off Concrete - L&E	0.47 cy 4.50 cy 5.63 cy	0.056 hr/cy 2.500 hr/cy 0.056 hr/cy	0.03 11.25 0.32	15.00 /hr 25.25 /hr 15.00 /hr	0.84 /cy 63.12 /cy 0.84 /cy	284 5	- - -	-	-	-	3.50 /cy 20.00 /cy 3.50 /cy	3.50 /cy 20.00 /cy 3.50 /cy	90 20 5	
2 3 4 5 6 7 8 9	024113 024113 024113 024113 024113 0200-100 024113 024113 0261-005	Remove Asphat -L&E Haul Off Asphat - L&E Demo Concrete/Masonry Walls Remove Concidesonry Walls -L&E Haul Off Concrete -L&E Demo Pole Bases Remove Pole Bases -L&E Haul Off Concrete -L&E Contaminated Soil Removal	0.47 cy 4.50 cy 5.63 cy 0.23 cy 0.35 cy	2.500 hr/cy 0.056 hr/cy 0.056 hr/cy 3.000 hr/cy 0.056 hr/cy	0.03 11.25 0.32 0.70 0.02	15.00 /hr 25.25 /hr 15.00 /hr 18.42 /hr 15.00 /hr	0.84 /cy 63.12 /cy 0.84 /cy 55.24 /cy 0.83 /cy	284 5	- - -	-	-	-	3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy 3.50 /cy	3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy 3.50 /cy	90 20 5	
2 3 4 5 6 7 8 9 0	024113 024113 024113 024113 024113 0200-100 024113 0261-005	Remove Asphat -L&E Haul Off Asphat - L&E Demo Concrete (Masonry Walls Remove Concilhasonry Walls -L&E Haul Off Concrete - L&E Demo Pole Bases Remove Pole Bases -L&E Haul Off Concrete - L&E Contaminated Soil Removal Contaminated Soil Removal	0.47 cy 4.50 cy 5.63 cy 0.23 cy 0.35 cy 21.00 cy	2.500 hr/cy 0.056 hr/cy 0.056 hr/cy 3.000 hr/cy 0.056 hr/cy	0.03 11.25 0.32 0.70 0.02	15.00 /hr 25.25 /hr 15.00 /hr	0.84 /cy 63.12 /cy 0.84 /cy 55.24 /cy 0.83 /cy	284 5 13 0	-	-	-	-	3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy 3.50 /cy 2.50 /cy	3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy 3.50 /cy 2.50 /cy	90 20 5	
2 3 4 5 6 7 8 9 0 1 1 2	024113 024113 024113 024113 024113 024113 024113 024113 0261-005 026105	Remove Asphat - L&E Haul Off Asphat - L&E Demo Concrete/Masonry Walls Remove Conc/Masonry Walls - L&E Haul Off Concrete - L&E Demo Pole Bases Remove Pole Bases - L&E Haul Off Concrete - L&E Contaminated Soil Removal Contaminated Soil Removal Contaminated Soil Removal	0.47 cy 4.50 cy 5.63 cy 0.23 cy 0.35 cy	2.500 hr/cy 0.056 hr/cy 0.056 hr/cy 3.000 hr/cy 0.056 hr/cy	0.03 11.25 0.32 0.70 0.02	15.00 /hr 25.25 /hr 15.00 /hr 18.42 /hr 15.00 /hr 25.25 /hr	0.84 /cy 63.12 /cy 0.84 /cy 55.24 /cy 0.83 /cy	284 5	-	-		-	3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy 3.50 /cy	3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy 3.50 /cy	90 20 5 1	
2 3 4 5 6 7 8 9 0 1 1 2	0200-065 0200-100 0200-100 024113 024113 024113 024113 026105 026105 026105 026105	Remove Asphat -L&E Haul Off Asphat -L&E Demo Concrete/Masonry Walls Remove Concidesonry Walls -L&E Haul Off Concrete -L&E Demo Pole Bases Remove Pole Bases -L&E Haul Off Concrete -L&E Contaminated Soil Removal Contaminated Soi	0.47 cy 4.50 cy 5.63 cy 0.23 cy 0.35 cy 21.00 cy 26.25 cy	2.500 hr/cy 0.056 hr/cy 0.056 hr/cy 3.000 hr/cy 0.056 hr/cy	0.03 11.25 0.32 0.70 0.02 1.05	15.00 /hr 25.25 /hr 15.00 /hr 18.42 /hr 15.00 /hr 25.25 /hr	0.84 /cy 63.12 /cy 0.84 /cy 55.24 /cy 0.83 /cy	284 5 13 0	-	-	-	-	3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy 3.50 /cy 2.50 /cy 2.50 /cy	3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy 3.50 /cy 2.50 /cy 3.50 /cy	90 20 5 1	
2 3 4 4 5 6 6 7 7 8 8 9 9 0 1 1 2 2 3 3 4 4 4 4 4 4 4 4 4 4 4 5 4 4 4 4 4 4	024113 024113 024113 024113 024113 024113 024113 024113 024113 0261-005 026105 026105 03111-005	Remove Asphat -L&E Haul Off Asphat - L&E Demo ConcreteIMasonry Walls Remove Conciliasonry Walls -L&E Haul Off Concrete - L&E Demo Pole Bases Remove Pole Bases -L&E Haul Off Concrete - L&E Contaminated Soil Removal Contaminated Soil Removal - cy Con	0.47 cy 4.50 cy 5.63 cy 0.23 cy 0.35 cy 21.00 cy	0.056 hr/cy 2.500 hr/cy 0.056 hr/cy 3.000 hr/cy 0.056 hr/cy 0.056 hr/cy 0.050 hr/cy	0.03 11.25 0.32 0.70 0.02 1.05	15.00 /hr 25.25 /hr 15.00 /hr 18.42 /hr 15.00 /hr 25.25 /hr 15.00 /hr	0.84 /cy 63.12 /cy 0.84 /cy 55.24 /cy 0.83 /cy 1.26 /cy 0.75 /cy	284 5 13 0		-		-	3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy 3.50 /cy 2.50 /cy	3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy 3.50 /cy 2.50 /cy	90 20 5 1	
2 33 44 55 66 77 88 99 90 00 11 12 22 33 44	024113 0200-065 024113 0200-100 024113 0200-100 024113 0261-005 026105 026105 3111-005 311105	Remove Asphat - L&E Haul Off Asphat - L&E Demo Concrete/Masonry Walls Remove ConcMasonry Walls - L&E Haul Off Concrete - L&E Demo Pole Bases Remove Pole Bases - L&E Haul Off Concrete - L&E Contaminated Soil Removal Soil Removal Contaminated Soil Removal Contaminated Soil Removal Contaminated Soil Removal Soil Removal Contaminated Soil Removal Contaminate	0.47 cy 4.50 cy 5.63 cy 0.23 cy 0.35 cy 21.00 cy 26.25 cy 0.01 ac	0.056 hr/cy 2.500 hr/cy 0.056 hr/cy 3.000 hr/cy 0.056 hr/cy 0.050 hr/cy 0.050 hr/cy 3.000 hr/ac	0.03 11.25 0.32 0.70 0.02 1.05 1.31	15.00 /hr 25.25 /hr 15.00 /hr 18.42 /hr 15.00 /hr 25.25 /hr 15.00 /hr	0.84 /cy 63.12 /cy 0.84 /cy 55.24 /cy 0.83 /cy 1.26 /cy 0.75 /cy 758.00 /ac	284 5 13 0 27 20	-		-	-	3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy 3.50 /cy 1,400.00 /ac	3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy 3.50 /cy 2.50 /cy 3.50 /cy 1,400.00 /ac	90 20 5 1 53 92	
2 3 3 4 4 5 5 6 7 7 3 3 9 9 9 9 1 1 1 2 2 2 3 3 3 4 4 4 4 4 5 5 6 6 6 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8	024113 0200-065 024113 0200-100 024113 0200-100 024113 0261-005 026105 03111-005 31114-005 311405	Remove Asphat -L&E Haul Off Asphat - L&E Demo Concrete/Masonry Walls Remove ConcMasonry Walls -L&E Haul Off Concrete -L&E Demo Pole Bases Remove Pole Bases -L&E Haul Off Concrete -L&E Contaminated Soil Removal Contaminated Soi	0.47 cy 4.50 cy 5.63 cy 0.23 cy 0.35 cy 21.00 cy 26.25 cy 0.01 ac 6.00 cy	0.056 hr/cy 2.500 hr/cy 0.056 hr/cy 3.000 hr/cy 0.056 hr/cy 0.050 hr/cy 0.050 hr/cy 0.050 hr/cy 0.050 hr/cy	0.03 11.25 0.32 0.70 0.02 1.05 1.31	15.00 /hr 25.25 /hr 15.00 /hr 18.42 /hr 15.00 /hr 25.25 /hr 15.00 /hr 25.25 /hr 25.25 /hr	0.84 /cy 63.12 /cy 0.84 /cy 55.24 /cy 0.83 /cy 1.26 /cy 0.75 /cy 758.00 /ac	284 5 13 0 27 20	-			-	3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy 3.50 /cy 25.0 /cy 2.50 /cy 3.50 /cy 1,400.00 /ac	3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy 3.50 /cy 2.50 /cy 1,400.00 /ac	2 90 20 5 1 1 53 92	
2 3 3 4 4 5 5 6 6 7 7 3 3 3 4 4 5 5 7 7	024113 0200-065 024113 0200-100 024113 0200-100 024113 024113 0261-005 026105 3111-005 311405 311405	Remove Asphat -L&E Haul Off Asphat - L&E Demo ConcreteIMasonry Walls Remove Conciliasonry Walls -L&E Haul Off Concrete - L&E Demo Pole Bases Remove Pole Bases -L&E Haul Off Concrete - L&E Contaminated Soil Removal Contaminated	0.47 cy 4.50 cy 5.63 cy 0.23 cy 0.35 cy 21.00 cy 26.25 cy 0.01 ac	0.056 hr/cy 2.500 hr/cy 0.056 hr/cy 3.000 hr/cy 0.056 hr/cy 0.050 hr/cy 0.050 hr/cy 3.000 hr/ac	0.03 11.25 0.32 0.70 0.02 1.05 1.31	15.00 /hr 25.25 /hr 15.00 /hr 18.42 /hr 15.00 /hr 25.25 /hr 15.00 /hr	0.84 /cy 63.12 /cy 0.84 /cy 55.24 /cy 0.83 /cy 1.26 /cy 0.75 /cy 758.00 /ac	284 5 13 0 27 20	-	-	-	-	3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy 3.50 /cy 1,400.00 /ac	3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy 3.50 /cy 2.50 /cy 3.50 /cy 1,400.00 /ac	90 20 5 1 53 92	
2 3 3 1 1 7 3 3 3 9 9 9 1 1 1 5 5 6 7 7 8 3 8 9 9 9 9 9 9 9 9 7 7 7 7 7 7 7 8 7 7 7 7	024113 0200-055 024113 0200-100 024113 024113 024113 024113 024113 024113 0261-005 026105 026105 3111-005 311105 3114-035 31145 31145 31145	Remove Asphat -L&E Haul Off Asphat -L&E Demo Concrete/Masonry Walls Remove ConcMasonry Walls -L&E Haul Off Concrete -L&E Demo Pole Bases Remove Pole Bases -L&E Haul Off Concrete -L&E Contaminated Soil Removal Contaminated Soil Semoval Contaminated Soil Removal Contaminated Soil Soil Semoval Contaminated Soil Semoval	0.47 cy 4.50 cy 5.63 cy 0.23 cy 0.35 cy 21.00 cy 26.25 cy 0.01 ac 6.00 cy 7.20 cy	0.056 hr/cy  2.500 hr/cy  0.056 hr/cy  3.000 hr/cy  0.056 hr/cy  0.050 hr/cy  0.050 hr/cy  30.000 hr/ac	0.03 11.25 0.32 0.70 0.02 1.05 1.31 0.15	15.00 /hr 25.25 /hr 15.00 /hr 18.42 /hr 15.00 /hr 25.25 /hr 15.00 /hr 25.25 /hr 25.25 /hr	0.84 ley 63.12 ley 0.84 ley 55.24 ley 0.83 ley 1.26 ley 0.75 ley 758.00 lac 0.13 ley	284 5 13 0 27 20 4		-		-	3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy 3.50 /cy 2.50 /cy 3.50 /cy 1,400.00 /ac 1.00 /cy 7.00 /cy	3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy 3.50 /cy 2.50 /cy 3.50 /cy 1,400.00 /ac 1.00 /cy 7.00 /cy	2 90 20 5 1 1 53 92 7	
2 33 34 44 55 66 77 88 99 90 00 11 12 22 33 44 55 66 77 77 78 88 99 99	024113 0200-065 024113 0200-100 024113 0200-100 024113 0261-005 026105 026105 3111-005 3114-005 311405 3122-005	Remove Asphat -L&E Haul Off Asphat - L&E Demo Concrete/Masonry Walls Remove ConcMasonry Walls -L&E Haul Off Concrete -L&E Demo Pole Bases Remove Pole Bases -L&E Haul Off Concrete -L&E Contaminated Soil Removal Contaminated Soi	0.47 cy 4.50 cy 5.63 cy 0.23 cy 0.35 cy 21.00 cy 26.25 cy 0.01 ac 6.00 cy	0.056 hr/cy 2.500 hr/cy 0.056 hr/cy 3.000 hr/cy 0.056 hr/cy 0.050 hr/cy 0.050 hr/cy 0.050 hr/cy 0.050 hr/cy	0.03 11.25 0.32 0.70 0.02 1.05 1.31	15.00 /hr 25.25 /hr 15.00 /hr 18.42 /hr 15.00 /hr 25.25 /hr 15.00 /hr 25.25 /hr 25.25 /hr	0.84 /cy 63.12 /cy 0.84 /cy 55.24 /cy 0.83 /cy 1.26 /cy 0.75 /cy 758.00 /ac	284 5 13 0 27 20	-			-	3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy 3.50 /cy 25.0 /cy 2.50 /cy 3.50 /cy 1,400.00 /ac	3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy 3.50 /cy 2.50 /cy 1,400.00 /ac	2 90 20 5 1 1 53 92	
2 33 4 4 5 6 6 7 7 8 8 9 9 0 0 11 12 2 3 3 4 4 5 6 6 7 7 7 8 8 8 9 9 9 9 9 0 0 0 0 0 0 0 0 0 0 0 0	024113 0200-055 024113 0201-005 024113 0201-100 024113 0204113 0204113 0204113 02061-005 026105 026105 3111-005 3111405 311405 311405 3122-005 31225 31225	Remove Asphat - L&E Haul Off Asphat - L&E Demo Concrete/Masonry Walls Remove ConcMasonry Walls - L&E Demo Pole Bases Remove Pole Bases Remove Pole Bases - L&E Haul Off Concrete - L&E Contaminated Soil Removal Removal Contaminated Soil Removal Contaminated Soil Remo	0.47 cy 4.50 cy 5.63 cy 0.23 cy 0.35 cy 21.00 cy 26.25 cy 0.01 ac 6.00 cy 7.20 cy	0.056 hr/cy  2.500 hr/cy 0.056 hr/cy  3.000 hr/cy 0.056 hr/cy 0.056 hr/cy 0.050 hr/cy 0.050 hr/cy 0.050 hr/cy 30.000 hr/sc  0.005 hr/cy 0.100 hr/cy 0.100 hr/cy	0.03 11.25 0.32 0.70 0.02 1.05 1.31 0.15 0.03 0.72	15.00 /hr 25.25 /hr 15.00 /hr 18.42 /hr 15.00 /hr 25.25 /hr 15.00 /hr 25.25 /hr 25.25 /hr 15.00 /hr	0.84 fcy 63.12 fcy 0.84 fcy 55.24 fcy 0.83 fcy 1.26 fcy 0.75 fcy 758.00 fac 0.13 fcy 1.50 fcy 885.00 fac	284 5 13 0 27 20 4 1				-	3,50 fey  20,00 fey 3,50 fey  20,00 fey 3,50 fey  2,50 fey 3,50 fey  1,400,00 fac  1,00 fey 7,00 fey  175,00 fac	3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy 3.50 /cy 2.50 /cy 1,400.00 /ac 1.00 /cy 7.00 /cy	2 90 20 5 1 1 53 92 7 6 50	
2 3 3 4 5 5 6 7 7 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	024113 0200-055 024113 0200-100 024113 024113 024113 024113 024113 024113 0261-005 026105 3111-005 311105 3114-005 31145 3122-005 3123-016 3123-016	Remove Asphat -L&E Haul Off Asphat -L&E Demo Concrete/Masonry Walls Remove ConcMasonry Walls Remove ConcMasonry Walls -L&E Haul Off Concrete -L&E Demo Pole Bases Remove Pole Bases -L&E Haul Off Concrete -L&E Contaminated Soil Removal Contaminated Soil Removal Contaminated Soil Removal - cy Colaminated Soil Removal - cy Strip & Stock Topsoil (Calc Cy) Strip & Stockplet Topsoil - Easy Haul Strippings Off Set Rough Grade Site (1/4 ac. Excavation (Calc Cy) Excavation Vi Dozer	0.47 cy 4.50 cy 5.63 cy 0.23 cy 0.35 cy 21.00 cy 26.25 cy 0.01 ac 6.00 cy 7.20 cy	0.056 hr/cy  2.500 hr/cy  0.056 hr/cy  3.000 hr/cy  0.056 hr/cy  0.050 hr/cy  0.050 hr/cy  30.000 hr/ac	0.03 11.25 0.32 0.70 0.02 1.05 1.31 0.15 0.03 0.72	15.00 /hr 25.25 /hr 15.00 /hr 18.42 /hr 15.00 /hr 25.25 /hr 15.00 /hr 25.25 /hr 25.25 /hr	0.84 ley 63.12 ley 0.84 ley 55.24 ley 0.83 ley 1.26 ley 0.75 ley 758.00 lac 0.13 ley	284 5 13 0 27 20 4		-		-	3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy 3.50 /cy 2.50 /cy 3.50 /cy 1,400.00 /ac 1.00 /cy 7.00 /cy	3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy 3.50 /cy 2.50 /cy 3.50 /cy 1,400.00 /ac 1.00 /cy 7.00 /cy	2 90 20 5 1 1 53 92 7	
2 3 3 4 4 5 6 6 7 7 8 8 9 9 9 0 1 1 1 2 2 3 3 3 4 4 5 5 6 6 7 7 7 7 7 7 7 8 8 8 9 9 9 9 9 9 9 9 9 9	024113 0200-055 024113 0200-100 024113 0200-100 024113 0261-005 026105 03111-005 31140-05 311405 3122-005 3123-016 3123-03	Remove Asphat -L&E Haul Off Asphat - L&E Demo Concrete/Masonry Walls Remove ConcMasonry Walls -L&E Haul Off Concrete -L&E Demo Pole Bases Remove Pole Bases -L&E Haul Off Concrete -L&E Contaminated Soil Removal Contaminated Soil Removal Contaminated Soil Removal Contaminated Soil Removal - cy Colara & Grub (Calc Acres) Clear & Grub (Calc Acres) Clear & Grub Light Growth Strip & Stock Topsoil (Calc Cy) Strip & Stock Topsoil (Calc Cy) Rough Grade Site (Calc Acres) Rough Grade Site (Calc Acres) Rough Grade Site (Calc Acres) Rough Grade Site - Il4 ac. Excavation (Calc Cy) Excavation (Calc Cy) Excavation (Dozer Fill (Calc Cy)	0.47 cy 4.50 cy 5.63 cy 0.23 cy 0.35 cy 21.00 cy 26.25 cy 0.01 ac 6.00 cy 7.20 cy 0.00 ac	0.056 hr/cy 2.500 hr/cy 0.056 hr/cy 3.000 hr/cy 0.056 hr/cy 0.050 hr/cy 0.050 hr/cy 0.050 hr/cy 0.000 hr/cy 0.000 hr/cy 0.000 hr/cy 0.000 hr/cy 0.000 hr/cy	0.03 11.25 0.32 0.70 0.02 1.05 1.31 0.15 0.03 0.72 0.07	15.00 /hr 25.25 /hr 15.00 /hr 18.42 /hr 15.00 /hr 25.25 /hr 15.00 /hr 25.25 /hr 25.25 /hr 25.25 /hr 25.25 /hr	0.84 fey 63.12 fey 0.84 fey 55.24 fey 0.83 fey 1.26 fey 1.75 fey 758.00 fac 0.13 fey 1.50 fey 885.00 fac 1.26 fey	0 284 5 5 13 0 27 20 4 4 11		-		-	3.50 fey  20.00 fey 3.50 fey  20.00 fey 3.50 fey  2.50 fey 3.50 fey  1,400.00 fac  1.00 fey 7.00 fey  175.00 fac	3.50 fey  20.00 fey 3.50 fey  20.00 fey 3.50 fey  2.50 fey 3.50 fey  1.400.00 fac  1.00 fey 7.00 fey  175.00 fac	2 90 20 5 1 1 53 92 7 6 6 50	
2 33 44 55 66 77 88 99 00 11 22 33 44 55 66 77 88 99 00 11 22 33 34 44 55 66 77 77 88 88 77 77 77 78 78 78 78 78 78	024113 0200-055 024113 0200-100 024113 0201-100 024113 0261-005 026105 3111-005 3114-005 3114-005 311495 3122-005 31220-05 3123-016 3123-016 3123-023	Remove Asphat - L&E Haul Off Asphat - L&E Demo Concrete/Masonry Walls Remove ConcMasonry Walls - L&E Demo Pole Bases Remove Pole Bases Remove Pole Bases - L&E Haul Off Concrete - L&E Contaminated Soil Removal Strip & Stockpile Topsoil - Casy Haul Strippings off See Rough Grade Site (Calc Acres) Rough Grade Site (	0.47 cy 4.50 cy 5.63 cy 0.23 cy 0.35 cy 21.00 cy 26.25 cy 0.01 ac 6.00 cy 7.20 cy	0.056 hr/cy  2.500 hr/cy 0.056 hr/cy  3.000 hr/cy 0.056 hr/cy 0.056 hr/cy 0.050 hr/cy 0.050 hr/cy 0.050 hr/cy 30.000 hr/sc  0.005 hr/cy 0.100 hr/cy 0.100 hr/cy	0.03 11.25 0.32 0.70 0.02 1.05 1.31 0.15 0.03 0.72 0.07	15.00 /hr 25.25 /hr 15.00 /hr 18.42 /hr 15.00 /hr 25.25 /hr 15.00 /hr 25.25 /hr 25.25 /hr 15.00 /hr	0.84 fcy 63.12 fcy 0.84 fcy 55.24 fcy 0.83 fcy 1.26 fcy 0.75 fcy 758.00 fac 0.13 fcy 1.50 fcy 885.00 fac	284 5 13 0 27 20 4 1				-	3,50 fey  20,00 fey 3,50 fey  20,00 fey 3,50 fey  2,50 fey 3,50 fey  1,400,00 fac  1,00 fey 7,00 fey  175,00 fac	3.50 /cy 20.00 /cy 3.50 /cy 20.00 /cy 3.50 /cy 2.50 /cy 1,400.00 /ac 1.00 /cy 7.00 /cy	2 90 20 5 1 1 53 92 7 6 50	
2 33 44 55 66 77 88 99 90 00 11 55 66 77 88 99 90 11 12 22 33 44 45 55 66 77 77 77 77 77 77 77 77 77 77 77 77	024113 0200-055 024113 0200-100 024113 0200-100 024113 0261-005 026105 03111-005 31140-05 311405 3122-005 3123-016 3123-03	Remove Asphat -L&E Haul Off Asphat - L&E Demo Concrete/Masonry Walls Remove ConcMasonry Walls -L&E Haul Off Concrete -L&E Demo Pole Bases Remove Pole Bases -L&E Haul Off Concrete -L&E Contaminated Soil Removal Contaminated Soil Removal Contaminated Soil Removal Contaminated Soil Removal - cy Colara & Grub (Calc Acres) Clear & Grub (Calc Acres) Clear & Grub Light Growth Strip & Stock Topsoil (Calc Cy) Strip & Stock Topsoil (Calc Cy) Rough Grade Site (Calc Acres) Rough Grade Site (Calc Acres) Rough Grade Site (Calc Acres) Rough Grade Site - Il4 ac. Excavation (Calc Cy) Excavation (Calc Cy) Excavation (Dozer Fill (Calc Cy)	0.47 cy 4.50 cy 5.63 cy 0.23 cy 0.35 cy 21.00 cy 26.25 cy 0.01 ac 6.00 cy 7.20 cy 0.00 ac	0.056 hr/cy 2.500 hr/cy 0.056 hr/cy 3.000 hr/cy 0.056 hr/cy 0.050 hr/cy 0.050 hr/cy 0.050 hr/cy 0.000 hr/cy 0.000 hr/cy 0.000 hr/cy 0.000 hr/cy 0.000 hr/cy	0.03 11.25 0.32 0.70 0.02 1.05 1.31 0.15 0.03 0.72 0.07	15.00 /hr 25.25 /hr 15.00 /hr 18.42 /hr 15.00 /hr 25.25 /hr 15.00 /hr 25.25 /hr 25.25 /hr 25.25 /hr 25.25 /hr	0.84 fey 63.12 fey 0.84 fey 55.24 fey 0.83 fey 1.26 fey 1.75 fey 758.00 fac 0.13 fey 1.50 fey 885.00 fac 1.26 fey	0 284 5 5 13 0 27 20 4 4 11				-	3.50 fey  20.00 fey 3.50 fey  20.00 fey 3.50 fey  2.50 fey 3.50 fey  1,400.00 fac  1.00 fey 7.00 fey  175.00 fac	3.50 fey  20.00 fey 3.50 fey  20.00 fey 3.50 fey  2.50 fey 3.50 fey  1.400.00 fac  1.00 fey 7.00 fey  175.00 fac	2 90 20 5 1 1 53 92 7 6 6 50	
2 3 3 4 5 6 6 7 7 8 8 9 9 0 0 1 1 1 5 6 6 7 7 7 8 8 9 9 9 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	024113 0200-055 024113 0200-100 024113 024113 024113 024113 024113 0261-005 026105 3111-005 311105 3114-005 31145 3122-005 3123-016 3123-016 3123-025 3123-025	Remove Asphat - L&E Haul Off Asphat - L&E Demo Concrete/Masonry Walls Remove ConcMasonry Walls - L&E Demo Pole Bases Remove Pole Bases Remove Pole Bases - L&E Haul Off Concrete - L&E Contaminated Soil Removal Strip & Stockpile Topsoil - Casy Haul Strippings off See Rough Grade Site (Calc Acres) Rough Grade Site (	0.47 cy 4.50 cy 5.63 cy 0.23 cy 0.35 cy 21.00 cy 26.25 cy 0.01 ac 6.00 cy 7.20 cy 0.00 ac	0.056 hr/cy 2.500 hr/cy 0.056 hr/cy 3.000 hr/cy 0.056 hr/cy 0.050 hr/cy 0.050 hr/cy 0.050 hr/cy 0.000 hr/cy 0.000 hr/cy 0.000 hr/cy 0.000 hr/cy 0.000 hr/cy	0.03 11.25 0.32 0.70 0.02 1.05 1.31 0.15 0.03 0.72 0.07	15.00 /hr 25.25 /hr 15.00 /hr 18.42 /hr 15.00 /hr 25.25 /hr 15.00 /hr 25.25 /hr 25.25 /hr 25.25 /hr 25.25 /hr	0.84 fey 63.12 fey 0.84 fey 55.24 fey 0.83 fey 1.26 fey 1.75 fey 758.00 fac 0.13 fey 1.50 fey 885.00 fac 1.26 fey	0 284 5 5 13 0 27 20 4 4 11				-	3.50 fey  20.00 fey 3.50 fey  20.00 fey 3.50 fey  2.50 fey 3.50 fey  1,400.00 fac  1.00 fey 7.00 fey  175.00 fac	3.50 fey  20.00 fey 3.50 fey  20.00 fey 3.50 fey  2.50 fey 3.50 fey  1.400.00 fac  1.00 fey 7.00 fey  175.00 fac	2 90 20 5 1 1 53 92 7 6 6 50	
	024113 0200-065 024113 0200-100 024113 0200-100 024113 0261-005 026105 3111-005 3114-005 311405 3122-005 3123-016 3123-025 3123-025 3123-025 3123-025 3123-025	Remove Asphat -L&E Haul Off Asphat -L&E Demo Concrete/Masonry Walls Remove ConcMasonry Walls Remove ConcMasonry Walls -L&E Haul Off Concrete -L&E Demo Pole Bases Remove Pole Bases -L&E Haul Off Concrete -L&E Contaminated Soil Removal Contaminated Soil Removal Contaminated Soil Removal - cy Colaminated Soil Removal - cy Strip & Stock Topsoil (Calc Cy) Strip & Stockple Topsoil - Easy Haul Strippings Off Set Rough Grade Site (Calc Acres) Rough Grade Site < 1/4 ac. Excavation (Calc Cy) Excavation Vi Dozer Fill (Calc Cy) Str & El from Stockple Trench with Backhoe	0.47 cy 4.50 cy 5.63 cy 0.23 cy 0.35 cy 21.00 cy 26.25 cy 0.01 sc 6.00 cy 7.20 cy 0.00 sc	0.056 hr/cy 2.500 hr/cy 0.056 hr/cy 3.000 hr/cy 0.056 hr/cy 0.050 hr/cy 0.050 hr/cy 0.050 hr/cy 3.000 hr/cy 0.005 hr/cy 0.005 hr/cy 0.005 hr/cy 0.005 hr/cy 0.005 hr/cy	0.03 11.25 0.32 0.70 0.02 1.05 1.31 0.15 0.03 0.72 0.07 0.15	15.00 /hr 25.25 /hr 15.00 /hr 18.42 /hr 15.00 /hr 15.00 /hr 25.25 /hr 15.00 /hr 25.25 /hr 25.25 /hr 25.25 /hr 25.25 /hr 25.25 /hr	0.84 fcy 63.12 fcy 0.84 fcy 85.24 fcy 0.83 fcy 1.26 fcy 0.75 fcy 758.00 fac 0.13 fcy 1.50 fcy 0.38 fcy	0 284 5 13 0 27 20 4 1 11 12 2				-	3.50 fey 20.00 fey 3.50 fey 20.00 fey 3.50 fey 2.00 fey 3.50 fey 1,400.00 fac 1.00 fey 175.00 fac 1.30 fey 1.30 fey	3.50 fey 20.00 fey 3.50 fey 20.00 fey 3.50 fey 2.50 fey 1,400.00 fac 1.00 fey 175.00 fac 1.30 fey 1.30 fey	2 90 20 5 5 1 1 53 92 7 6 6 50 0	

## Examples of the Assembly Help files attached to each assembly.



Construction Support Services 211 Ava Grace Lane, Dublin, Tx 76446 Phone: 817-504-5812

## Clear & Grub Site









