

## **CSS COMMERCIAL CONCRETE DATABASE**

The Construction Support Services Commercial Concrete database has over 1100 items of work for General Conditions, site concrete and building concrete. The phase structure of the database is arranged in the 1995 divisions of the CSI Master Format.

We have also utilized WBS Codes to assign all of the items in the database to the 2004 CSI Master Format as well as the UniFormat numbering system.

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 assemblies with extensive assembly help with sample details and photos for every Assembly.

### Database Specifications

Over 1,100 Items  
Over 1000 Formulas  
Over 100 Assemblies

<u>Division</u>	<u># of Assemblies</u>
Conceptual	22
General Conditions	2
Erosion Control	1
Drilled Piers	4
Electrical Structures	2
Paving	10
Site Concrete	11
Reinforcing	2
Foundations	17
Walls	6
Columns	6
Slabs on Grade	2
Elevated Slabs	5
Structural Curbs & Beams	2
Stairs	3
Topping Slabs	1
Equipment Pads	2
Tilt-Wall Panels	<u>2</u>
Total	100

**Assembly Takeoff: test**

03000.000 CONCRETE  
 03310.062 Grade Beams  
 New pass

Grade Beams

Quantity: 1,000 each  
 Length Beam': 100.000 lf  
 Height Beam': 2,000 ft  
 Width Beam': 1,000 ft  
 Concret Waste %: 5,000 %  
 Pilasters Req'd.?: No  
 Conc. Strength PSI: 3,000.000  
 Forming Method:   
 Carton Forms Req'd.?: No  
 Depth Excavation': ft  
 Keyway Req'd.?: No  
 Side Keyway Req'd.?: No  
 Brick Ledge Req'd.?: No  
 Rub Finish?: No  
 Take-off Rebar?: No  
 Pump Concrete?: No  
 Anchor Bolts Req'd.?: No

Pass 1

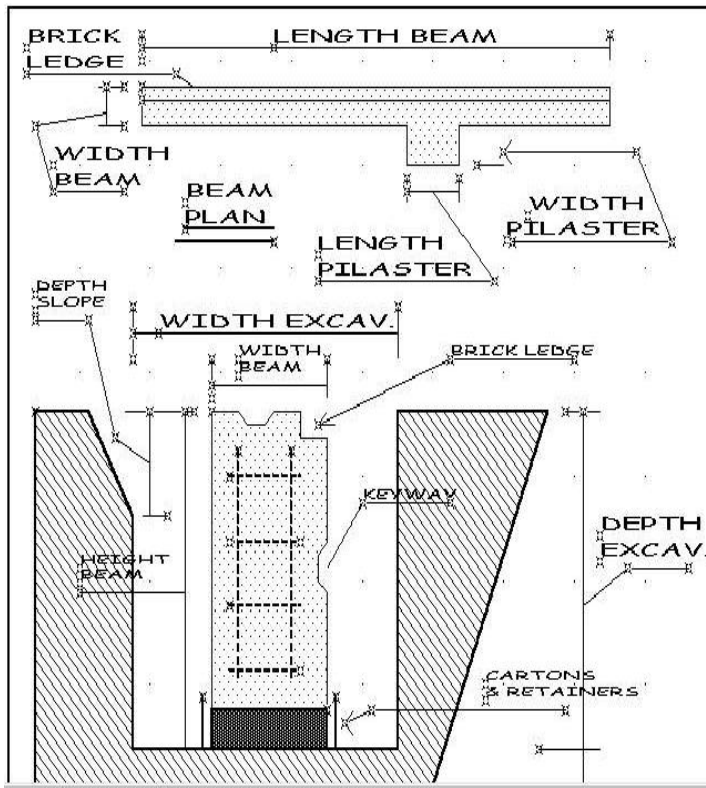
0 = Earth Formed, No Forms Reqd.  
 1 = Set Top Form Only  
 2 = Over-Excav. & Form Full Depth

Phase	Item	Description	Quantity	Unit	Location	Bid Item
1		Ready-Mix Concrete				
2	03310	62 Place Grade Beam < 4 ft. High		cy		
3	03310	64 Place Grade Beam > 4 ft. High		cy		
4	03110	62 Form Grade Beams < 4' High		sf		
5	03110	64 Form Grade Beams > 4' High		sf		
6	02320	14 Excav. Grade Beams		cy		
7	03110	68 Form Keyway @ Grd.Bms.		lf		
8	03110	70 Form Side Key @ Grd.Bms.		lf		

Notes Attachment OK Cancel Help

Phase	Description	Takeoff Quantity	Labor Price	Labor Amount	Material Price	Material Amount	Sub Price	Sub Amount	Equip Price	Equip Amount	Total Cost/Unit	Total Amount
	<b>SITWORK</b>											
02320	<b>BUILDING EXCAVATION</b>											
	Excav. Grade Beams	44.44 cy	-	-	-	-	-	2.81 /cy	-	125	2.81 /cy	125
	Haul-off Spoil	23.44 cy	-	-	-	-	8.10 /cy	190	-	-	8.10 /cy	190
	Backfill/Compact	34.33 cy	18.72 /cy	643	-	-	-	-	-	-	18.72 /cy	643
	Level & Grade	100.00 sf	0.19 /sf	19	-	-	-	-	-	-	0.19 /sf	19
	<b>CONCRETE</b>											
03110	<b>FORMWORK</b>											
	Form Grade Beams < 4' High	400.00 sf	2.08 /sf	832	-	-	-	-	-	-	2.08 /sf	832
	Form Keyway @ Grd.Bms.	100.00 lf	0.47 /lf	47	-	-	-	-	-	-	0.47 /lf	47
	3/4" BB Form Plywood	400.00 sf	-	-	22.00 /sf	275	-	-	-	-	0.69 /sf	275
	Dimension Form Lumber	600.00 bf	-	-	0.53 /bf	317	-	-	-	-	0.53 /bf	317
	Keyway Matl.	100.00 lf	-	-	0.28 /lf	28	-	-	-	-	0.28 /lf	28
03150	<b>CONCRETE ACCESSORIES</b>											
	12" Snap Tie	120.00 ea	-	-	0.55 /ea	66	-	-	-	-	0.55 /ea	66
03310	<b>CAST IN PLACE CONCRETE</b>											
	3000 PSI HR	7.41 cy	-	-	72.00 /cy	533	-	-	-	-	72.00 /cy	533
	Place Grade Beam <= 4 ft. High	7.41 cy	5.20 /cy	39	-	-	-	-	-	-	5.20 /cy	39
03350	<b>CEMENT FINISHING</b>											
	Finish Grade Beam Top	100.00 sf	0.21 /sf	21	-	-	-	-	-	-	0.21 /sf	21
	BFP Vertical	400.00 sf	0.03 /sf	10	0.02 /sf	7	-	-	-	-	0.04 /sf	17
03390	<b>CURING &amp; PROTECTING</b>											
	Curing Compound Vert. Surface	400.00 sf	0.03 /sf	10	0.03 /sf	11	-	-	-	-	0.05 /sf	22
	<b>METALS</b>											
05510	<b>MISC. METALS</b>											
	Embedded Anchor Bolts	25.00 ea	3.64 /ea	91	-	-	-	-	-	-	3.64 /ea	91

# Example of the Assembly Help files attached to each assembly



Construction Support Services 959 Lake Harbour Drive #702, Ridgeland, Ms. 39157  
Phone: 817-504-5812