



CSS COMMERCIAL CONCRETE & MASONRY DATABASE

The Construction Support Services Commercial Concrete and Masonry database has over 1300 items of work for General Conditions, block and brick masonry, building and site concrete. The phase structure of the database is arranged in the 2018 divisions of the CSI Master Format.

We have also utilized WBS Codes to assign all of the items in the database to the 1995 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 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 1,300 Items
Over 1000 Formulas
Over 120 Assemblies

<u>Division</u>	<u># of Assemblies</u>
Conceptual	23
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	2
Brick Masonry	4
Block Work	4
Glass Block	2
Stone Work	3

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
	SITWORK											
02320	BUILDING EXCAVATION											
	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
	CONCRETE											
03110	FORMWORK											
	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	CONCRETE ACCESSORIES											
	12" Snap Tie	120.00 ea	-	-	0.55 /ea	66	-	-	-	-	0.55 /ea	66
03310	CAST IN PLACE CONCRETE											
	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	CEMENT FINISHING											
	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	CURING & PROTECTING											
	Curing Compound Vert. Surface	400.00 sf	0.03 /sf	10	0.03 /sf	11	-	-	-	-	0.05 /sf	22
	METALS											
05510	MISC. METALS											
	Embedded Anchor Bolts	25.00 ea	3.64 /ea	91	-	-	-	-	-	-	3.64 /ea	91

Examples of the Assembly Help files attached to each assembly

