

Table A
Quantities per Cubic Yard
Aggregates (SSD)

HP4, AS PER PLAN (GGBF SLAG + MICROSILICA)								
Aggregate Type	Fine Aggre. (LB)	#8 Coarse Aggre. (LB)*	#57 Coarse Aggre. (LB)	Cement Content (LB)	GGBF Slag (LB)	Micro - Silica (LB)	W/CM Ratio ± .01	Air Content ± 2%
Gravel	1245	360	1315	400	170	30	0.43	7
Limestone	1245	360	1335	400	170	30	0.43	7
Slag	1245	315	1155	400	170	30	0.43	7

Table B
Quantities per Cubic Yard
Aggregates (SSD)

HP2, AS PER PLAN (GGBF SLAG WITHOUT MICROSILICA)								
Aggregate Type	Fine Aggre. (LB)	#8 Coarse Aggre. (LB)*	#57 Coarse Aggre. (LB)	Cement Content (LB)	GGBF Slag (LB)	Micro - Silica (LB)	W/CM Ratio ± .01	Air Content ± 2%
Gravel	1245	360	1315	430	170	0	0.43	7
Limestone	1245	360	1335	430	170	0	0.43	7
Slag	1245	315	1155	430	170	0	0.43	7

*All coarse aggregate shall have an absorption of 1.00% or greater as defined per ASTM C127.

The weights specified in the concrete table were calculated for materials of the following bulk specific gravities (SSD): natural sand and gravel 2.62, limestone sand 2.68, limestone 2.65, slag 2.30, fly ash 2.65, GGBF slag 2.90, micro-silica solids 2.20, and Portland cement 3.15. For aggregates of specific gravities differing more than plus or minus 0.02 from these, the weights in the table will be corrected.

Parapet Construction (Formed and Poured):

Forms shall not be removed until at least 2 hours after the final set. Determination of the final set shall be as per ASTM C266 (Gillmore Needle). Testing shall be performed by the Contractor at no cost to the State.

The minimum concrete slump during the placement of formed concrete parapets shall be 6 inches, with a maximum slump of 8 inches.

Parapet Construction (Slip Formed):

Slip forming parapet is prohibited.

Basis of Payment

Payment for the above completed and accepted quantities will be made at the contract bid price for:

Item	Units	Description
511E50001	Cu yd	Class HP Concrete, Bridge Deck, As Per Plan
511E50101	Cu yd	Class HP Concrete, Bridge Deck (Parapet), As Per Plan