

**STRUCTURAL BACKFILL MIX COMPONENTS**

	Concrete Mix Data	Batch Weight/Cubic Yard	
<b>Specifications</b>	Water/cement ration (lb./lbs.)	0.41	
	Air voids	25%	
	Slump	1 to 2 in.	
<b>Cement</b>	Portland type 1 cement	400 lbs.	Specific gravity 3.15
	Alternative Fly ash Portland type 1 cement	200 lbs. 200 lbs.	Specific gravity 2.50 Specific gravity 3.15
<b>Aggregates</b>	Concrete sand SSD	0 lbs.	
	Coarse aggregates #6, #8 or #57 Unit wt. 98.88 lbs./ft. <sup>3</sup> rodded	2,540 lbs.	Specific gravity 2.62
<b>Water</b>	Maximum total (lbs.)	166 lbs.	Specific gravity 1.00
<b>Admixture</b>	Pozzolith 100x, retarder	8.0 oz./yd.	



**Too much water**



**Too little water**



**Proper amount of water**