EXHIBIT 1

Missouri Department of Transportation-Construction and Materials Division

Concrete Mix Design Submittal Form

Date: _____

Concrete Supplier: _____ **Plant Location:** _____

Designer Name: _____ **Telephone No.:** _____

Note: This form should be submitted with a cover letter acknowledging which MoDOT contracts a mix is planned to be used on if any are known.

Components

Mineral	Producer	Type	Unit Wt (lb/cf)	G	Absorption	Ledges
Fine Agg.		Class A Natural Sand for Concrete				
Interm .Agg.*1						
Coarse Agg.		Modified Grade F Limestone for PCCM, Brdge Deck Repair				
Cement		Type 1 Porland Cement				
Fly Ash						
GGBFS						

*Note *1 The intermediate aggregate is essentially a second course aggregate.*

Admixtures	Source	Type	Brand Name
#1		Air Entraining Agent for Concrete	
#2		Type A Water Reducing Agent for Concrete	
#3		Type B Retarding Admixture for Concrete	

Proportions and Properties *(for up to five mixes)*

MoDOT Mix ID (to be filled in by MoDOT)	Class	Water Factor gal/sak	Cement Factor sak/cy	Slump	% Air	Dry Yield for 27.0 cf	Cubic Yard Batch Rates (lbs) Cement	Fly Ash.	GGBFS	F.A.	I.A.	C.A.	Water	Admixture Rate Range Admix #1 oz/cwt	Admix #2 oz/cwt	Admix #3 oz/cwt
1	B-2	To be filled in by MoDOT	To be filled in by MoDOT	4	5.5	To be filled in by MoDOT	733			1053		1709	293			
2																
3																
4																
5																