

<b>OFFICE OF STATE AID ROAD CONSTRUCTION STANDARD OPERATING PROCEDURES</b>			S.O.P. NO. SA II-3-22-892 Page 1 of 2
Subject: S.O.P. FIELD VERIFICATION OF CONCRETE JOB MIX FORMULAS, FORM TMD-892-SA			Distribution A, B, C, D, E
EFFECTIVE  July 1, 2005	ISSUED  July 1, 2005	SUPERSEDES Page of  S.O.P. NO.  EFFECTIVE:	APPROVED  J. Brooks Miller, Sr.  STATE AID ENGINEER

TMD-892-SA

**Office Of State Aid Road Construction  
Mississippi Department of Transportation  
Form for Field Verification**

Date: \_\_\_\_\_  
 Project No.: \_\_\_\_\_  
 County: \_\_\_\_\_  
 Contractor: \_\_\_\_\_

Mix Number: \_\_\_\_\_  
 Concrete Supplier: \_\_\_\_\_  
 Plant Location: \_\_\_\_\_

**Mix Quantities**

Material	Source	Description	Specific Gravity (oven-dried)	Unit Weight (lb/yd <sup>3</sup> )	Fineness Modulus	Quantities Oven-Dry (lb/yd <sup>3</sup> )	Absolute Volume (ft <sup>3</sup> )
Cement							
Fly Ash							
Slag							
Water							
Fine Aggr.							
Coarse Aggr.							
Air-entraining*							
Admixture*							
Admixture*							
					Total		

**Batch Quantities**

Batch Volume \_\_\_\_\_ yd<sup>3</sup>

Material	Total Batch Weight (lb/yd <sup>3</sup> )	Weight per yd <sup>3</sup> (lb/yd <sup>3</sup> )	Total Moisture (%)	Absorption (%)	Surface Moisture (%)	Dry Weight (lb/yd <sup>3</sup> )
Cement						
Fly Ash						
Slag						
Water						
Fine Aggr.						
Coarse Aggr.						
Air-entraining*						

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Material	Total Batch Weight (lb/yd <sup>3</sup> )	Weight per yd <sup>3</sup> (lb/yd <sup>3</sup> )	Total Moisture (%)	Absorption (%)	Surface Moisture (%)	(Lb)	Dry Weight (lb/yd <sup>3</sup> )
Admixture*							
Admixture*							
Total						Total	

Water Content \_\_\_\_\_ lb  
Slump \_\_\_\_\_ \* within minus (-) 1-½ inch of maximum  
Air Content \_\_\_\_\_ within minus (-) 1-½ percent of maximum  
Temperature \_\_\_\_\_ °F  
Unit Weight \_\_\_\_\_ lb/yd<sup>3</sup>  
Yield \_\_\_\_\_ Within ± 2%

FINE AGGREGATE  
Initial Weight (g) \_\_\_\_\_

COARSE AGGREGATE  
Initial Weight (g) \_\_\_\_\_ Size: \_\_\_\_\_

Sieve	Accum. Wt. Retained	Total % Passing	Gradation Requirements	Sieve	Accum. Wt. Retained	Total % Passing	Gradation Requirements
½ inch				1-½ inch			
¾ inch				1 inch			
No. 4				¾ inch			
No. 8				½ inch			
No. 16				¾ Inch			
No. 30				No. 4			
No. 50				No. 8			
No. 100				Pan			
Pan							

Note: \* Weights for admixtures are reported in fluid ounces (fl oz).  
\*\* A minimum of 4 inches slump is allowed for mixes containing type F or G chemical admixture.

County/LSBP Engineer's \_\_\_\_\_ Contractor Representative \_\_\_\_\_  
QA Technician Signature Signature