ALABAMA CONCRETE MIX DESIGN, AGGREGATE TESTS, AND VERIFICATIONS

		DATE:	4/13/2021		
PROJECT NAME:				3000	
WEIGHT/VOLUME PROPORTIONS OF THE MIX					
				<u>ACTUAI</u>	
		8.0		4.00	
				4.00	
			20 2000 200	145.6	
		WEIGITT.	145.0	143.0	
		W/C RATIO	٠	0.47	
	-	ACCORDING TO ACCORDING TO ACCORDING		27.9	
	7			43.7	
				310	
MATERIAL P	RODUCERS AND AGO	REGATE PROPER	TIFS		
	<u> </u>			<u></u>	
		2.03	70		
BASF	AMT (OZ)/100cwt	0.8	MB AF 90		
				 -	
SIEVE ANA	LYSIS OF FINE AND C	OARSE AGGREGA	TE		
GATE			COARSE AGGREGATE		
SPEC		SIEVE		SPEC	
100		1/2	99	90 - 100	
95 - 100		5)	70	40-75	
80 - 100		#4	22	5-25	
50 - 85		#8		0-10	
		#16	2	0 - 5	
-					
10 - 30					
-					
2 - 10					
2 - 10 1.5			(COARSE AGG. ABS % =	0.9	
2 - 10			(COARSE AGG. ABS % =	0.9	
2 - 10 1.5 2.40	IX AVERAGE COMPR	ESSIVE STRENGTH		0.9	
2 - 10 1.5 2.40	IX AVERAGE COMPR			0.9	
2 - 10 1.5 2.40 CONCRETE MI TEST AGE	COMPRESSIV	E STRENGTH		0.9	
2 - 10 1.5 2.40 CONCRETE M TEST AGE 7 DAYS	COMPRESSIV 37	E STRENGTH 50		0.9	
2 - 10 1.5 2.40 CONCRETE M TEST AGE 7 DAYS 7 DAYS	COMPRESSIV 37 38	E STRENGTH 50 20		0.9	
2 - 10 1.5 2.40 CONCRETE M TEST AGE 7 DAYS	COMPRESSIV 37	E STRENGTH 50 20 90		0.9	
	CUBIC FT/CY	CUBIC FT/CY	DESIGN ST MIX #:	DESIGN STRENGTH: MIX #: 390 - 120 CFA Exposed Brown Pea Grace Exposed Brown Pea Grace	

ADMIX DOSAGES INDICATED ARE THOSE USED WHEN PREPARING LAB MIX PLANT DOSAGES MAY VARY TO PRODUCE DESIRED RESULTS
IF A SUPERPLASTICIZER IS USED, INITIAL VERIFIED SLUMP SHALL BE 2" TO 3"
SLUMP AFTER S.P. IS ADDED SHALL BE 7" TO 9"