

Michigan Department
of Transportation
1903C (04/20)

DAILY REPORT OF CONTRACTOR'S QUALITY CONTROL TESTS

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CONTROL SECTION STU 82000		JOB NUMBER 205935A		PROJECT LOCATION Various Route In Detroit		MIX DESIGN NUMBER 19MD 140		MIXTURE TYPE 5E 3		DATE SAMPLED 9/14/2020		DATE TESTED 9/15/2020	
CONTRACTOR AJAX PAVING INDUSTRIES				PLANT No. 20-10		PLANT LOCATION 26400 SHERWOOD RD				Form 1911 DATE 4/14/2020			
PROJECT ENGINEER Richard T. Doherty				NAME OF TESTER(Please print) Jesus Soto Sancen				NAME OF TESTER (SIGNATURE) Jesus Sancen Digitally signed by Jesus Sancen Date: 2020.09.15 15:38:18 -04'00'				QUALIFICATION NUMBER 0664-0423	
GB 1.029		Gsb 2.696		Gse 2.763		SUBLOT SIZE 1000		LOT NO 7		SUBLOT NO 34		SUBLOT RANDOM TONS 97.06	
												ACCUMULATED TONS 0.00	

TEST RESULTS

	JMF	CONTR	DEV.	Range 1	Range 2		AGG.
P 1 1/2" (37.5mm)	100.00%	100.00%	0.00%				
P 1" (25.0mm)	100.00%	100.00%	0.00%				
P 3/4" (19.0mm)	100.00%	100.00%	0.00%				
P 1/2" (12.5mm)	100.00%	100.00%	0.00%				
P 3/8" (9.5mm)	99.50%	99.48%	-0.02%	+/- 8.00	+/-10.00		
P No. 4 (4.75mm)	83.50%	82.18%	-1.32%	+/- 6.00	+/- 8.00		
P No. 8 (2.36mm)	62.20%	64.34%	2.14%	+/- 6.00	+/- 8.00		
P No. 16 (1.18mm)	46.40%	51.01%	4.61%				
P No. 30 (600 Um)	34.80%	38.47%	3.67%	+/- 4.00	+/- 6.00		
P No. 50 (300 Um)	18.20%	19.83%	1.63%				
P No. 100 (150 Um)	10.20%	9.79%	-0.41%				
P No. 200 (75 Um)	6.20%	6.69%	0.49%	+/- 1.00	+/- 2.00		
CRUSH - 1 FACE	97.70%	97.59%	-0.11%	+/-10.00	+/-15.00		
CRUSH - 2 FACE	0.00%	0.00%	0.00%				

TEST RESULTS

	JMF	CONTR	DEV.	Range 1		Range 2		
ASPHALT %	6.15%	6.02%	-0.13%	+/-	0.50	+/-	0.75	
Gmm	2.504			+/-	0.013	+/-	0.020	
Gmb @ N DESIGN	2.416							
AIR VOIDS	3.50%			+	2.11 - 3.89	+/-	2.10 3.90	
VMA	15.90			+/-	15.11 16.89	+/-	15.10 16.90	
VFA	77.99							
F/A RATIO	1.17			+/-	0.60 1.40	+/-	0.60 1.40	
Gse	2.763			+/-		+/-		
		GRADE		Certified Supplier/Location/CERT#				% ADD
ASPHALT BINDER		PG 58-28		Ajax Asphalt Terminal DetroitABS.2500				4.55%
GYRATORY WEIGHTS/COMPACTION TEMPERATURE								
MARSHALL WEIGHTS/COMPACTION TEMPERATURE								
NUMBER OF SOLVENT WASHES (When using the vacuum extraction method for Asphalt %)								

REMARKS

*CIRCLE TEST RESULTS THAT ARE OUT OF LIMITS.