

Michigan Department
of Transportation
1903C (04/20)

DAILY REPORT OF CONTRACTOR'S QUALITY CONTROL TESTS

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CONTROL SECTION NH 82000		JOB NUMBER 207914A		PROJECT LOCATION Various Route in Detroit		MIX DESIGN NUMBER 19MD 411		MIXTURE TYPE 4E3		DATE SAMPLED 10/16/2020		DATE TESTED 10/17/2020	
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: 2020.10.17 10:03:14 -04'00'				QUALIFICATION NUMBER 0664-0423	
GB 1.029		Gsb 2.707		Gse 2.752		SUBLOT SIZE 1000		LOT NO 11		SUBLOT NO 53		SUBLOT RANDOM TONS 252.18	
												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)	99.40%	96.77%	-2.63%	+/- 6.00	+/- 8.00		
P 3/8" (9.5mm)	84.00%	85.11%	1.11%	+/- 6.00	+/- 8.00		
P No. 4 (4.75mm)	61.60%	61.55%	-0.05%	+/- 6.00	+/- 8.00		
P No. 8 (2.36mm)	45.60%	46.06%	0.46%	+/- 6.00	+/- 8.00		
P No. 16 (1.18mm)	34.00%	35.36%	1.36%				
P No. 30 (600 Um)	26.50%	26.12%	-0.38%	+/- 4.00	+/- 5.00		
P No. 50 (300 Um)	14.20%	15.04%	0.84%				
P No. 100 (150 Um)	8.50%	7.57%	-0.93%				
P No. 200 (75 Um)	5.50%	5.00%	-0.50%	+/- 1.00	+/- 2.00		
CRUSH - 1 FACE	97.00%	97.53%	0.53%	+/-10.00	+/-15.00		
CRUSH - 2 FACE	0.00%	0.00%	0.00%				

TEST RESULTS

	JMF	CONTR	DEV.	Range 1		Range 2		
ASPHALT %	5.15%	4.87%	-0.28%	+/-	0.40	+/-	0.50	
Gmm	2.534			+/-	0.013	+/-	0.020	
Gmb @ N DESIGN	2.445							
AIR VOIDS	3.50%			+	2.01 - 3.95	+/-	2.00 5.00	
VMA	14.34			+/-	13.34 15.95	+/-	13.00 16.00	
VFA	75.58							
F/A RATIO	1.21			+/-0.60	1.20	+/-0.60	1.40	
Gse	2.752			+/-		+/-		
		GRADE		Certified Supplier/Location/CERT#				% ADD
ASPHALT BINDER		PG 58-28		Ajax Asphalt Terminal DetroitABS.2500				3.80%
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.