

Michigan Department
of Transportation
1903C (04/20)

DAILY REPORT OF CONTRACTOR'S QUALITY CONTROL TESTS

DISTRIBUTION: ORIGINAL - Project Engineer, COPIES - TMI

CONTROL SECTION NH 82000		JOB NUMBER 207914A		PROJECT LOCATION Various Route in Detroit		MIX DESIGN NUMBER 19MD 411		MIXTURE TYPE 4E 3		DATE SAMPLED 8/31/2020		DATE TESTED 9/1/2020			
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) Don Capeling				NAME OF TESTER (SIGNATURE) Don Capeling Digitally signed by Don Capeling Date: 2020.09.01 13:48:32 -04'00'				QUALIFICATION NUMBER 0430-0421			
GB 1.029		Gsb 2.707		Gse 2.752		SUBLOT SIZE 1000		LOT NO 11		SUBLOT NO 50		SUBLOT RANDOM TONS 1410.06		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)	99.40%	97.08%	-2.32%	+/- 6.00	+/- 8.00		
P 3/8" (9.5mm)	84.00%	84.44%	0.44%	+/- 6.00	+/- 8.00		
P No. 4 (4.75mm)	61.60%	60.85%	-0.75%	+/- 6.00	+/- 8.00		
P No. 8 (2.36mm)	45.60%	45.96%	0.36%	+/- 6.00	+/- 8.00		
P No. 16 (1.18mm)	34.00%	35.80%	1.80%				
P No. 30 (600 Um)	26.50%	26.86%	0.36%	+/- 4.00	+/- 5.00		
P No. 50 (300 Um)	14.20%	14.81%	0.61%				
P No. 100 (150 Um)	8.50%	7.52%	-0.98%				
P No. 200 (75 Um)	5.50%	5.24%	-0.26%	+/- 1.00	+/- 2.00		
CRUSH - 1 FACE	97.00%	97.34%	0.34%	+/-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%	4.81%	-0.34%	+/-	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.