

Clear Form

Michigan Department
Of Transportation
1903B (05/15)

REPORT OF QUALITY ASSURANCE TESTING

DISTRIBUTION: ORIGINAL – Project Engineer, COPIES – QA Laboratory, TMI, and Lansing C & T

File 208

CONTROL SECTION STU 82000	JOB NUMBER 205935A	PROJECT LOCATION HMA Resurfacing 20+ Various Locations	MIX DESIGN NO 18MD276	MIXTURE TYPE 4E3	DATE SAMPLED 10/22/19	DATE TESTED 11/04/19
CONTRACTOR AJAX Paving Industries, Inc.			PLANT NUMBER 20-10	PLANT LOCATION Warren (Sherwood)		SUBLOT SIZE AM
PROJECT ENGINEER Richard T. Doherty - City of Detroit Engineering		NAME OF TESTER (Please Print) Brian Gondek - Somat Engineering, Inc.		QUALIFICATION NO. 0383-0421	LOT NUMBER 7	SUB LOT NUMBER 1
Gb 1.029	Gsb 2.710	Gse 2.747	NAME OF TESTER (Signature) Brian Gondek Digitally signed by Brian Gondek DN: cn=Brian Gondek, o=Somat Engineering Inc., ou=Laboratory Supervisor, email=bgondek@somateng.com, c=US Date: 2019.11.05 15:00:21 -0500		FORM 1911 DATE 09/30/19	ACCUMULATED TONS SUBLOT RANDOM TONS

TEST RESULTS							TEST RESULTS						
	JMF	MDOT	CONTR	MDOT DIFF. JMF*	MDOT DIFF. CONTR*	TOL		JMF	MDOT	CONTR	MDOT DIFF. JMF*	MDOT DIFF. CONTR*	TOL
P 1-½" (37.5 mm)	100.00	100.00		0.00	100.00	+/- 5.0	ASPHALT %	5.04	4.95		-0.09	4.95	-0.3 / +0.4
P 1" (25.0 mm)	100.00	100.00		0.00	100.00	+/- 5.0	Gmm	2.534					
P ¾" (19.0 mm)	100.00	100.00		0.00	100.00	+/- 5.0	Gmb @ N DESIGN	2.445					
P ½" (12.5 mm)	95.60	94.50		-1.10	94.50	+/- 5.0	AIR VOIDS	3.50					
P 3/8" (9.5 mm)	84.70	83.89		-0.81	83.89	+/- 5.0	VMA	14.32					
P No. 4 (4.75 mm)	61.90	60.60		-1.30	60.60	+/- 5.0	VFA	75.56					
P No. 8 (2.36 mm)	46.30	44.37		-1.93	44.37	+/- 5.0	F/A RATIO	1.21					
P No. 16 (1.18 mm)	34.40	34.93		0.53	34.93			GRADE		CERTIFIED SUPPLIER/LOCATION/CERT#			% ADD
P No. 30 (600 µm)	26.40	25.69		-0.71	25.69	+/- 4.0	ASPHALT BINDER	PG 58-28		Ajax Terminal/Detroit/2500			3.69
P No. 50 (300 µm)	14.10	15.43		1.33	15.43		Gmb WEIGHTS/COMPACTION TEMPERATURE 270 degrees F						
P No. 100 (150 µm)	8.40	7.81		-0.59	7.81								
P No. 200 (75 µm)	5.50	6.33		0.83	6.33	+/- 1.0	NUMBER OF SOLVENT WASHES (When using the vacuum extraction method for Asphalt %)						
CRUSH – 1 FACE	96.9	96.4		-0.5	96.4	< 10%							
CRUSH – 2 FACE													

REMARKS Time: 9:30 AM, Location: Southfield and Belton Rd, Field Sampled by: D'Eric Reese

Within RANGE 1 tolerance limits for Leveling Course (12SP-501J-05 dated 07-05-16)

*CIRCLE TEST RESULTS OUT OF TOLERANCE