

Clear Form

Michigan Department
Of Transportation
1903B (05/15)

REPORT OF QUALITY ASSURANCE TESTING

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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 11/05/19
CONTRACTOR AJAX Paving Industries, Inc.			PLANT NUMBER 20-10	PLANT LOCATION Warren (Sherwood)		SUBLOT SIZE PM
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 2
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 15:05:01 -0500		FORM 1911 DATE 09/30/19	SUBLOT RANDOM TONS 1,476.96
					ACCUMULATED TONS 1,476.96	

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	5.39		0.35	5.39	-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	99.28		3.68	99.28	+/- 5.0	AIR VOIDS	3.50					
P 3/8" (9.5 mm)	84.70	88.08		3.38	88.08	+/- 5.0	VMA	14.32					
P No. 4 (4.75 mm)	61.90	64.79		2.89	64.79	+/- 5.0	VFA	75.56					
P No. 8 (2.36 mm)	46.30	46.77		0.47	46.77	+/- 5.0	F/A RATIO	1.21					
P No. 16 (1.18 mm)	34.40	36.76		2.36	36.76			GRADE		CERTIFIED SUPPLIER/LOCATION/CERT#			% ADD
P No. 30 (600 µm)	26.40	26.92		0.52	26.92	+/- 4.0	ASPHALT BINDER	PG 58-28		Ajax Terminal/Detroit/2500			3.69
P No. 50 (300 µm)	14.10	15.69		1.59	15.69		Gmb WEIGHTS/COMPACTION TEMPERATURE 270 degrees F						
P No. 100 (150 µm)	8.40	7.86		-0.54	7.86								
P No. 200 (75 µm)	5.50	6.41		0.91	6.41	+/- 1.0	NUMBER OF SOLVENT WASHES (When using the vacuum extraction method for Asphalt %)						
CRUSH – 1 FACE	96.9	97.4		0.5	97.4	< 10%							
CRUSH – 2 FACE													

REMARKS Time: 2:30 PM, Location: Southfield & 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