

JOB MIX FORMULA (JMF) HMA FIELD COMMUNICATION

This form 1911 applies only to the project listed below and is not transferable to other projects.

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File 305

CONTROL SECTION STU 82000		JOB NO. 205935A		PROJECT ENGINEER Kevin Surhigh Hubbell Roth & Clark			DATE EFFECTIVE 05-02-21	
CONTRACTOR AJAX PAVING INDUSTRIES, INC				PLANT LOCATION WARREN			PLANT NO. 20-10	
TYPE OF MIXTURE 5E3		MIX DESIGN NO. 20MD384		TESTING OPTION 12SP-501J-07		PLANT CERTIFICATION DATE 04/12/2021		CONTRACTOR'S QC PLAN TO PROJECT ENGINEER ☒ YES ☐ NO
STAND. SPEC. DATE 2012	MIX SP. PROV. DATE 2012 STD SPEC	QC/QA SP. PROV. DATE 07-05-16	VMA 15.81	VFA 77.96	% AIR VOIDS 3.50	ANGULARITY 45.0	DUST CORR.	
Gmm 2.496	Gmb 2.408	Gb 1.030	Gse 2.752	Gsb 2.685	FINES/ASPHALT RATIO 1.20	COMPACTION TEMP. 272° F	MIXING TEMP. 289-299° F	
MIX/AGG. GRADATION, %			MIX/AGG. PROPORTION, %					
ITEM	PERCENT	MATERIAL/PRODUCER				PIT NO.	PERCENT	
ASPHALT, %	6.14	3CS				74-51	26.0	
P 1-1/2" (37.5 mm)	100.00	3/8 x #4'S				58-13	9.0	
P 1" (25.0 mm)	100.00	Man Sand				74-51	15.0	
P 3/4" (19.0 mm)	100.00	Man Sand				95-10	15.0	
P 1/2" (12.5 mm)	100.00	3/8 x 0				44-30	7.0	
P 3/8" (9.5 mm)	99.20							
P No. 4 (4.75 mm)	81.20							
P No. 8 (2.36 mm)	58.60							
P No. 16 (1.18 mm)	45.50							
P No. 30 (600 µm)	36.70							
P No. 50 (300 µm)	20.60	RECLAIMED	PLANT RAP (4.84)				34.0	
P No. 100 (150 µm)	10.50	FILLER						
P No. 200 (75 µm)	6.30	ASPHALT BINDER	GRADE PG 58-28	CERTIFIED SUPPLIER/LOCATION/CERT # Ajax Terminal/ Detroit/ 2500			% ADDED 4.49	
CRUSHED 1 FACE	97.0	AWI (Spec.) 260.0			AWI (Actual) 280.0			
CRUSHED 2 FACES	96.8	☒ QUALITY ASSURANCE TESTING				☐ REGULAR TESTING		
BOND COAT	PRODUCER/LOCATION MPM - MONROE					CERTIFIED ☒ YES ☐ NO		

REMARKS:

BINDER FINAL GRADE 64-22

JOB LOCATION On various routes	TRAVELING MIX INSPECTOR (TMI) Ann M. Cornacchia Digitally signed by: Ann M. Cornacchia DN: CN = Ann M. Cornacchia email = cornacchia@michigan.gov # 4010 = Transportation TLI = Main C.T. & T Region mix inspector Date: 2021.05.02 11:12:15 -0400	DATE 05-02-2021
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