

Control Section: PW 7017 Puritan & Grand River Parklet						Job Number: PW 7017 Puritan & Grand River Parklet						
Contractor: Cadillac Asphalt, LLC						Route & Location: PW 7017 Puritan & Grand River Parklet						
Plant Number: 40-03						Plant Location: 670 South Dix, Detroit, MI 48217						
Bituminous Mixture: 5E3 T1 - 53637												
PIT NAME		Newport	Drake	Burmeister	Drake			Plt	Plt	CONTROL POINTS	COMBINED GRADATION	
PIT NUMBER		58-11	81-92	81-93	81-92			40-03	40-03			
AGGREGATE TYPE		L.sand	3/8 x 4	2NS	Man Sand			BHF	RAP			
BLEND % (10% Minimum)		17.0	15.0	21.0	25.6			1.4	20.0			
		17.0	15.0	21.0	27.0				20.0			
AVERAGE GRADATION	P 1 1/2 (37.5 mm)	100.0	100.0	100.0	100.0			100.0	100.0		100.0	
	P 1 in. (25.0 mm)	100.0	100.0	100.0	100.0			100.0	100.0		100.0	
	P 3/4 in. (19.0 mm)	100.0	100.0	100.0	100.0			100.0	100.0		100.0	
	P 1/2 in. (12.5 mm)	100.0	100.0	100.0	100.0			100.0	100.0	100.0	100.0	
	P 3/8 in. (9.5 mm)	100.0	92.0	100.0	100.0			100.0	99.3	90-100	98.7	
	P NO. 4 (4.75 mm)	92.6	16.8	96.3	93.8			100.0	85.3	90 Max	81.0	
	P NO. 8 (2.36 mm)	59.4	3.8	81.9	59.2			100.0	70.2	47-67	58.5	
	P NO. 16 (1.18 mm)	34.1	1.8	68.4	33.0			100.0	55.5		41.4	
	P NO. 30 (600 um)	19.4	1.2	52.1	18.6			100.0	42.8		29.1	
	P NO. 50 (300 um)	10.8	1.0	24.0	9.8			99.0	28.7		16.7	
	P NO. 100 (150 um)	7.4	0.9	5.1	4.9			95.0	16.6		8.3	
	TOTAL P NO. 200 (75 um)	6.4	0.8	1.8	3.2			91.0	10.8	2-10	5.9	
Crush Count 1 / 2 Face		100	98.1	24	94.9				92.9	75 Min	95.1	
L.A. Abrasion Year / Value		29 19	18 15	20 16	18 15				N A	35 Max	< 35	
NAA ANGULARITY INDEX (METHOD A)		45.7		42.9	46.2				46.3	43 Min	44.0	
AWI Nomograph & Quarries		243	301	224	301				240	260 Min	277	
COARSE AGGREGATE BULK SPECIFIC GRAVITY #4 UP			2.66						2.723		2.644	
COARSE AGGREGATE BULK SPECIFIC GRAVITY #8					2.647					Combined GSB	2.662	
FINE AGGREGATE BULK SPECIFIC GRAVITY		2.577		2.65	2.647				2.723		2.643	
FLAT & ELONGATED %			0.5		0.2					10 Max	< 10	
SOFTSTONE %			0.2	0.3	0.2					5 Max	< 5	
ASPHALT CEMENT SUPPLIER			MPM Oil Monroe, MI ABS 6505					GRADE		64-22	SPECIFIC GRAVITY	1.029
SUBMITTER BY:	NAME (Print or Type) Shelly Moultrup							DATE January 1, 2021		PHONE NUMBER 248-640-1960		
	SIGNATURE							LAB NO.		FAX NUMBER		
AC Content		Gmm						Gmb				
5.95		2.480						2.378				
VMA		Air Voids						VFA				
15.97		4.00						74.2				