Total Wt

PLANT #: P-35

Sample Date:

#100

2/27/23 Concrete Grade: S2M, 3500HP

18.58

Dates Test F	represents:	2/28/2023	tnrougn	3/6/2023		
Agg Class	Pit#	Sauraa	Weight (000)	ft ³	Specific	%
Agg. Class	FIL#	Source	Weight (SSD)	It	Gravity	Contribution
6AA	58-003	Stoneco	1570	9.35	2.69	50.6
26A	58-003	Stoneco	330	1.97	2.69	10.6
2NS	81-019	Pleasant Lake	1200	7.26	2.65	38.7

3100

Contractor:

MDOT No.:



<---- Verify this number is 100%

Deteined	Cumulative	
Retained	% Retained	

96.6

98.3

ained	Cumulative % Retained	<u>Superior Materials, LLC</u> 30701 W. 10 Mile Rd.
0	0.0	Suite 500

Farmington Hills, MI 48336

Sieve	6AA	26A	2NS	Cumulative % Passing	% Retained	Cumulative % Retained
2"	100.0	100.0	100.0	100.0	0.0	0.0
1.5"	100.0	100.0	100.0	100.0	0.0	0.0
1"	98.2	100.0	100.0	99.1	0.9	0.9
3/4"	81.8	100.0	100.0	90.8	8.3	9.2
1/2"	40.6	100.0	100.0	69.9	20.9	30.1
3/8"	19.0	89.5	100.0	57.9	12.1	42.1
#4	4.4	10.2	96.0	40.5	17.4	59.5
#8	2.6	3.2	80.2	32.7	7.8	67.3
#16	1.6	2.3	64.6	26.1	6.6	73.9
#30	1.6	2.0	47.8	19.5	6.5	80.5
#50	1.6	1.9	23.1	10.0	9.6	90.0

6.3

3.4

1.8

*Maximum % Retained must be above the 3/8" sieve.

*Any two adjacent sieves must equal 10% except max.,

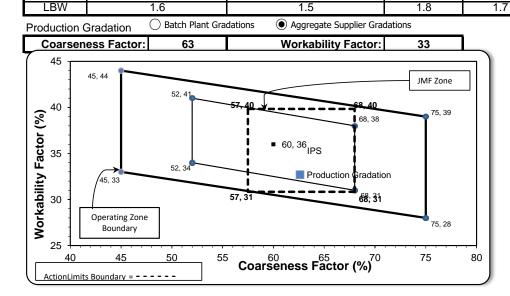
nom. max., #100 and #200 sieves.

*% Retained must be at least 4% for each sieve except max.,

nom. max., #100 and #200 sieves.

*% Retained must be at least 8% for the 1" sieve when

a 2" max. size (nom. Max. 1.5") aggregate is used.



Intial Production Sample (IPS)

6.6

Coarseness Factor:		63	
Workability Factor:		35	
Sieve	Cumulative	%	Cumulative
	% Passing	Retained	% Retained
2"	100.0	0.0	0.0
1.5"	100.0	0.0	0.0
1"	99.2	0.8	0.8
3/4"	90.9	8.3	9.1
1/2"	71.3	19.6	28.7
3/8"	59.4	11.9	40.6
#4	43.0	16.5	57.0
#8	35.3	7.6	64.7
#16	28.2	7.1	71.8
#30	21.6	6.6	78.4
#50	9.1	12.5	90.9
#100	1.7	7.4	98.3
LBW	1.1	0.6	98.9

PREPARED BY: SM, LLC Technical Service

1.5