PLANT #: P-102

6AA

100.0

100.0

99.7

83.9

39.3

17.6

3.0

1.6

1.6

1.5

1.4

1.3

PREPARED BY:

SM, LLC Technical Service

Sample Date:

Sieve

2"

1.5"

3/4"

1/2'

3/8'

#4

#8

#16

#30

#50

#100

3/20/23 Concrete Grade: S2M, 3500HP 3/27/2023

Dates Test Represents:		3/21/2023	through	3/27/2023		
Agg. Class	Pit#	Source	Weight (SSD)	ft ³	Specific 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
Total Wt			3100	18.58		100.0

26A

100.0

100.0

100.0

100.0

100.0

89.8

10.3

2.3

1.6

1.4

1.2

1.2

MDOT No.:

8.0

22.6

12.1

17.1

7.3

6.3

6.9

10.0

6.6

1.9

Cumulative

% Passing

100.0

100.0

99.8

91.8

69.3

57.2

40.0

32.8

26.5

19.6

9.6

3.0

2NS

100.0

100.0

100.0

100.0

100.0

100.0

96.7

82.0

66.0

48.3

22.6

5.8

Contractor:



---- Verify this number is 100%

% Retained	Cumulative % Retained
0.0	0.0
0.0	0.0
0.2	0.2

8.2

30.7

42.8

60.0

67.2

73.5

80.4

90.4

97.0

98.8



Superior Materials, LLC 30701 W. 10 Mile Rd. Suite 500 Farmington Hills, MI 48336

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

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

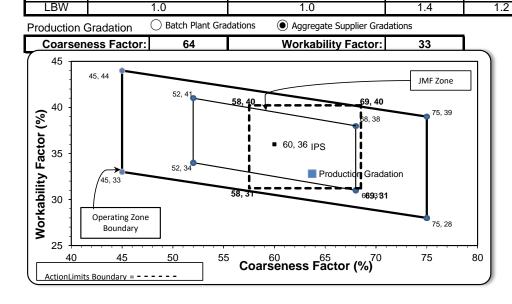
nom. max., #100 and #200 sieves.

*% 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)

Coars	eness Factor:	63	
Work	ability Factor:	36	
Sieve	Cumulative	%	Cumulative
Sieve	% 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"	59.5	11.8	40.5
#4	43.8	15.7	56.2
#8	35.7	8.1	64.3
#16	27.0	8.7	73.0
#30	18.6	8.4	81.4
#50	6.8	11.8	93.2
#100	1.4	5.4	98.6
LBW	0.6	0.8	99.4