Mid Michigan

PLANT #: P-101

75-051

Sample Date:

2NS

6/6/22 Concrete Grade: P1M, 3500HP

2.66

39.1

ates Test Represents:		6/7/2022	through	6/13/2022		
\gg. Class	Pit#	Source	Weight (SSD)	ft <sup>3</sup>	Specific Gravity	% Contribution
CA	71-47	Presque Isle	1070	6.54	2.62	34.9
IA	71-47	Presque Isle	800	4 89	2 62	26.1

1200

Contractor:

MDOT No.:



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

	Total Wt	3070 18.67		100.0	< Verify this no	umber is 100%
Sieve	CA	IA	2NS	Cumulative % Passing	% Retained	Cumulative % Retained
2"	100.0	100.0	100.0	100.0	0.0	0.0
1.5"	97.0	100.0	100.0	99.0	1.0	1.0
1"	46.2	100.0	100.0	81.2	17.7	18.8
3/4"	13.3	98.6	100.0	69.4	11.8	30.6
1/2"	3.7	77.7	100.0	60.6	8.8	39.4
3/8"	2.7	51.6	100.0	53.5	7.1	46.5
#4	2.0	15.0	98.7	43.2	10.3	56.8
#8	1.9	6.8	83.7	35.2	8.0	64.8 r
#16	1.8	4.1	68.3	28.4	6.8	71.6
#30	1.7	3.3	52.1	21.8	6.6	78.2 r
#50	1.6	3.0	25.7	11.4	10.4	88.6
#100	1.5	2.8	6.4	3.8	7.6	96.2
LBW	1.4	2.5	0.9	1.5	2.3	98.5

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

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

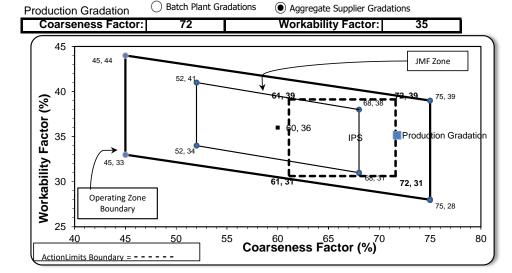
nom. max., #100 and #200 sieves.

\*% 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.



Initial Production Sample (IPS)

Coars	eness Factor:	66	
Work	ability Factor:	35	
Sieve	Cumulative	%	Cumulative
Sieve	% Passing	Retained	% Retained
2"	100.0	0.0	0.0
1.5"	99.6	0.4	0.4
1"	84.3	15.3	15.7
3/4"	74.8	9.6	25.2
1/2"	64.3	10.4	35.7
3/8"	56.8	7.5	43.2
#4	43.0	13.8	57.0
#8	34.9	8.1	65.1
#16	26.4	8.5	73.6
#30	19.9	6.5	80.1
#50	10.4	9.5	89.6
#100	3.4	7.0	96.6
LBW	1.2	2.2	98.8

PLANT #: P-102

Sample Date:

6/6/22 Concrete Grade: P1M, 3500HP

Dates Test Represents:		0/1/2022	through	6/13/2022		
Agg. Class	Pit #	Source	Weight (SSD)	ft <sup>3</sup>	Specific Gravity	% Contribution
CA	58-003	Stoneco	1370	8.16	2.69	43.9
IA	58-003	Stoneco	550	3.28	2.69	17.6
2NS	81-019	Pleasant Lake	1200	7.26	2.65	38.5

Contractor:

MDOT No.:

<---- Verify this number is 100%

SUPERIOR MATERIALS	

**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.,

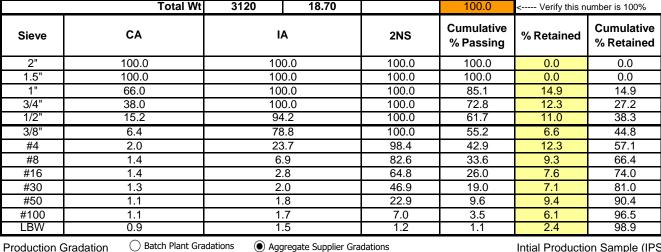
nom. max., #100 and #200 sieves.

\*% 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)

Coarseness Factor:	68	Workability Factor:	34
7 45			)
40 40	52, 41	62, 3968, 38	JMF Zone 73. 39 75, 39
ty Factor (	52, 34	■ 60,36 PS ■ Production	Gradation
Morkability Factor (%) 35 45, 33 Operating Zone Boundary		62; <del>31</del>	<b>73, 3</b> 75, 28
25 40 45	50 55	60 65 70 Coarseness Factor (%)	75 80
ActionLimits Boundary =		Coarseness ractor (%)	

Coar	seness Factor:	67	
Wor	Workability Factor:		
Sieve	Cumulative	%	Cumulative
Sieve	% Passing	Retained	% Retained
2"	100.0	0.0	0.0
1.5"	100.0	0.0	0.0
1"	85.5	14.5	14.5
3/4"	73.4	12.1	26.6
1/2"	61.0	12.4	39.0
3/8"	56.2	4.8	43.8
#4	43.1	13.1	56.9
#8	34.9	8.2	65.1
#16	29.4	5.5	70.6
#30	21.6	7.8	78.4
#50	8.1	13.4	91.9
#100	2.2	5.9	97.8
LBW	1.4	0.8	98.6

**PLANT #:** P-103

Sample Date:

6/6/22 Concrete Grade: P1M, 3500HP

ates Test Represents:		6/7/2022	tnrougn	6/13/2022		
aa Class	Pit#	Source	Weight (SSD)	ft <sup>3</sup>	Specific	%
gg. Class	FIL#	Source		IL	Gravity	Contribution
CA	58-003	Stoneco	1370	8.16	2.69	43.9
IA	58-003	Stoneco	550	3.28	2.69	17.6
2NS	81-019	Pleasant Lake	1200	7.26	2.65	38.5

Contractor:

MDOT No.:



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

Total Wt		3120	18.70		100.0	< Verify this n	nis number is 100%	
Sieve	CA	l.	A	2NS	Cumulative % Passing	% Retained	Cumulative % Retained	
2"	100.0	10	0.0	100.0	100.0	0.0	0.0	
1.5"	100.0	10	0.0	100.0	100.0	0.0	0.0	
1"	66.0	10	0.0	100.0	85.1	14.9	14.9	
3/4"	38.0	10	0.0	100.0	72.8	12.3	27.2	
1/2"	15.2	94	1.2	100.0	61.7	11.0	38.3	
3/8"	6.4	78	3.8	100.0	55.2	6.6	44.8	
#4	2.0	23	3.7	98.4	42.9	12.3	57.1	
#8	1.4	6	.9	82.6	33.6	9.3	66.4	
#16	1.4	2.8		64.8	26.0	7.6	74.0	
#30	1.3	2.0		46.9	19.0	7.1	81.0	
#50	1.1	1.8		22.9	9.6	9.4	90.4	
#100	1.1	1.7		7.0	3.5	6.1	96.5	
LBW	0.9	1	.5	1.2	1.1	2.4	98.9	

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

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

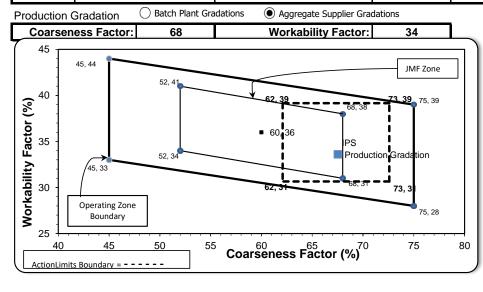
nom. max., #100 and #200 sieves.

\*% 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)

Coarseness Factor:		67	
Workability Factor:		35	
Sieve	Cumulative	%	Cumulative
Sieve	% Passing	Retained	% Retained
2"	100.0	0.0	0.0
1.5"	100.0	0.0	0.0
1"	85.5	14.5	14.5
3/4"	73.4	12.1	26.6
1/2"	61.0	12.4	39.0
3/8"	56.2	4.8	43.8
#4	43.1	13.1	56.9
#8	34.9	8.2	65.1
#16	29.4	5.5	70.6
#30	21.6	7.8	78.4
#50	8.1	13.4	91.9
#100	2.2	5.9	97.8
LBW	1.4	0.8	98.6

Approved BY: PREPARED BY: SM, LLC Technical Service

Ray Rd

PLANT #: P-12

63-115

Sample Date:

Agg. Class

CA

IΑ

2NS

6/6/22 Concrete Grade: P1M, 3500HP

7.56

2.65

**Dates Test Represents:** 6/7/2022 6/13/2022 through Specific % ft<sup>3</sup> Pit# Source Weight (SSD) Gravity Contribution 71-47 Presque Isle 800 4.89 2.62 26.1 71-47 Presque Isle 1020 6.24 2.62

1250

Contractor:

MDOT No.:



Superior Materials, LLC 30701 W. 10 Mile Rd.

Suite 500

Farmington Hills, MI 48336

Total Wt		3070	18.69		100.0	< Verify this n	umber is 100%
Sieve	CA	1/	4	2NS	Cumulative % Passing	% Retained	Cumulative % Retained
2"	100.0	10	0.0	100.0	100.0	0.0	0.0
1.5"	95.5	10	0.0	100.0	98.8	1.2	1.2
1"	41.1	10	0.0	100.0	84.7	14.2	15.3
3/4"	7.4	98	98.8		75.5	9.2	24.5
1/2"	1.4	67	'.4	100.0	63.5	12.0	36.5
3/8"	1.2	39	).1	100.0	54.0	9.5	46.0
#4	1.2	5	.1	96.8	41.4	12.6	58.6
#8	1.2	1.	9	79.2	33.2	8.2	66.8
#16	1.2	1.	1.8		25.7	7.4	74.3
#30	1.2	1.7		43.2	18.5	7.3	81.5
#50	1.2	1.7		23.1	10.3	8.2	89.7
#100	1.1	1.6		5.3	3.0	7.3	97.0
LBW	0.9	1.	2	1.1	1.1	1.9	98.9

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

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

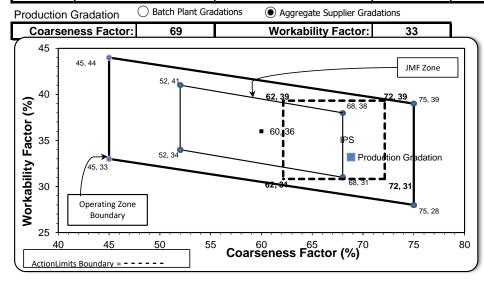
nom. max., #100 and #200 sieves.

\*% 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:	67	
Work	ability Factor:	35	
Sieve	Cumulative	%	Cumulative
Sieve	% Passing	Retained	% Retained
2"	100.0	0.0	0.0
1.5"	99.6	0.4	0.4
1"	83.9	15.7	16.1
3/4"	74.0	9.8	26.0
1/2"	63.7	10.3	36.3
3/8"	56.4	7.3	43.6
#4	43.0	13.4	57.0
#8	35.1	7.9	64.9
#16	29.0	6.1	71.0
#30	20.9	8.0	79.1
#50	8.1	12.8	91.9
#100	1.6	6.5	98.4
LBW	0.9	0.8	99.1

PREPARED BY: SM, LLC Technical Service Approved By:

PLANT #: P-32

Sample Date:

6/6/22 Concrete Grade: P1M, 3500HP

Dates Test Represents:		6/7/2022	tnrougn	6/13/2022		
Agg. Class	Pit#	Source	Weight (SSD)	ft <sup>3</sup>	Specific Gravity	% Contribution
CA	71-47	Presque Isle	750	4.59	2.62	24.4
IA	71-47	Presque Isle	1070	6.54	2.62	34.9
2NS	95-013	Smelter Bay	1250	7.56	2.65	40.7

Contractor:

MDOT No.:



<---- Verify this number is 100%

Cumulative % Retained	
0.0	Suite 500
1.1	Farmington Hills, MI 48336

Total Wt 3070 18.69 100.0 Cumulative CA IΑ % Retained Sieve 2NS % Passing 2" 100.0 100.0 100.0 100.0 0.0 1.5" 95.5 100.0 100.0 98.9 1.1 1.1 41.1 100.0 100.0 85.6 13.3 14.4 3/4" 7.4 98.8 100.0 77.0 8.7 23.0 1/2' 1.4 67.4 100.0 64.5 12.4 35.5 3/8' 39.1 100.0 54.6 9.9 1.2 45.4 #4 1.2 5.1 96.6 41.4 13.2 58.6 #8 1.2 1.9 84.6 35.4 6.0 64.6 #16 1.2 1.8 69.8 29.3 6.1 70.7 #30 21.6 78.4 1.2 1.7 50.8 7.8 #50 1.2 1.7 24.5 10.9 10.7 89.1 #100 1.1 1.6 6.9 3.6 7.2 96.4 LBW

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

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

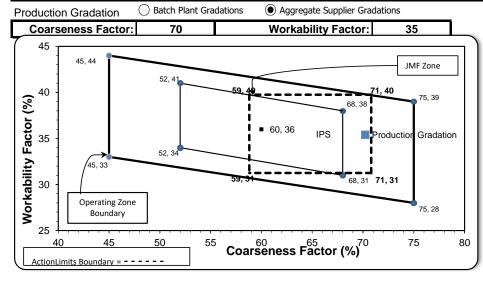
nom. max., #100 and #200 sieves.

\*% 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	Coarseness Factor:		
Workability Factor:		36	
Sieve	Cumulative	%	Cumulative
Sieve	% Passing	Retained	% Retained
2"	100.0	0.0	0.0
1.5"	99.0	0.6	0.6
1"	84.0	15.3	16.0
3/4"	73.5	10.5	26.5
1/2"	65.2	8.2	34.8
3/8"	58.2	7.1	41.8
#4	44.1	14.1	55.9
#8	35.5	8.6	64.5
#16	29.1	6.4	70.9
#30	21.9	7.3	78.1
#50	9.6	12.2	90.4
#100	2.6	7.1	97.4
LBW	1.0	1.6	99.0

6/6/22

**PLANT #:** P-35

Sample Date:

Concrete Grade: P1M, 3500HP

Contractor:

Dates Test Represents: 6/7/2022

6/13/2022 through

MD	OT	No.
----	----	-----

Agg. Class	Pit #	Source	Weight (SSD)	ft <sup>3</sup>	Specific Gravity	% Contribution
CA	58-003	Stoneco	1370	8.16	2.69	43.9
IA	58-003	Stoneco	550	3.28	2.69	17.6
2NS	81-019	Pleasant Lake	1200	7.26	2.65	38.5
		Total Wt	3120	18.70		100.0

SUPERIO	JR LS

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

	Total Wt	3120	18.70		100.0	< Verify this n	umber is 100%
Sieve	CA	IA	1	2NS	Cumulative % Passing	% Retained	Cumulative % Retained
2"	100.0	100	0.0	100.0	100.0	0.0	0.0
1.5"	100.0	100	0.0	100.0	100.0	0.0	0.0
1"	66.0	100	0.0	100.0	85.1	14.9	14.9
3/4"	38.0	100	0.0	100.0	72.8	12.3	27.2
1/2"	15.2	94	.2	100.0	61.7	11.0	38.3
3/8"	6.4	78	.8	100.0	55.2	6.6	44.8
#4	2.0	23	.7	98.4	42.9	12.3	57.1
#8	1.4	6.	9	82.6	33.6	9.3	66.4 r
#16	1.4	2.	8	64.8	26.0	7.6	74.0
#30	1.3	2.	0	46.9	19.0	7.1	81.0 r
#50	1.1	1.5	8	22.9	9.6	9.4	90.4
#100	1.1	1.	7	7.0	3.5	6.1	96.5
LBW	0.9	1.	5	1.2	1.1	2.4	98.9

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

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

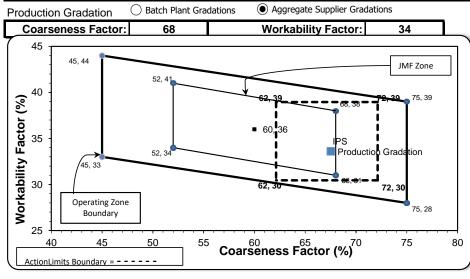
nom. max., #100 and #200 sieves.

\*% 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	Coarseness Factor:		
Workability Factor:		35	
Sieve	Cumulative	%	Cumulative
Sieve	% Passing	Retained	% Retained
2"	100.0	0.0	0.0
1.5"	100.0	0.0	0.0
1"	86.9	13.1	13.1
3/4"	76.1	10.8	23.9
1/2"	63.7	12.4	36.3
3/8"	56.2	7.5	43.8
#4	43.2	13.0	56.8
#8	34.7	8.5	65.3
#16	27.5	7.2	72.5
#30	20.6	7.0	79.4
#50	9.0	11.6	91.0
#100	2.1	6.9	97.9
LBW	1.0	1.1	99.0

PLANT #: P-36

Sample Date:

6/6/22 Concrete Grade: **P1M, 3500HP** 

Dates Test I	Represents:	0/1/2022	through	6/13/2022		
Agg. Class	Pit #	Source	Weight (SSD)	ft <sup>3</sup>	Specific Gravity	% Contribution
CA	71-47	Presque Isle	800	4.89	2.62	26.1
IA	71-47	Presque Isle	1070	6.54	2.62	34.9
2NS	63-92	Grange Hall	1200	7.26	2.65	39.1

Contractor:

MDOT No.:



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

Total Wt		3070	18.70		100.0	< Verify this n	umber is 100%
Sieve	CA	IA		2NS	Cumulative % Passing	% Retained	Cumulative % Retained
2"	100.0	10	0.0	100.0	100.0	0.0	0.0
1.5"	95.5	10	0.0	100.0	98.8	1.2	1.2
1"	41.1	10	0.0	100.0	84.7	14.2	15.3
3/4"	7.4	98	98.8		75.5	9.2	24.5
1/2"	1.4	67	67.4		62.9	12.5	37.1
3/8"	1.2	39	).1	100.0	53.0	9.9	47.0
#4	1.2	5	.1	97.4	40.2	12.9	59.8
#8	1.2	1	.9	83.3	33.5	6.6	66.5
#16	1.2	1	.8	69.1	27.9	5.6	72.1
#30	1.2	1.7		52.1	21.3	6.7	78.7
#50	1.2	1.7		25.0	10.7	10.6	89.3
#100	1.1	1.6		3.0	2.0	8.7	98.0
LBW	0.9	1	.2	0.4	0.8	1.2	99.2

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

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

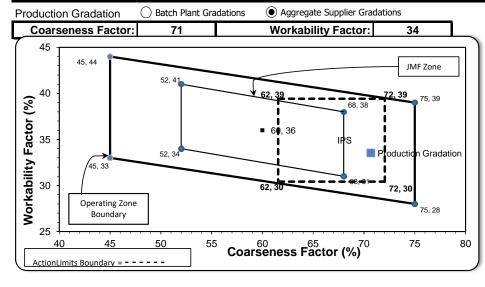
nom. max., #100 and #200 sieves.

 $\ensuremath{^{*}\%}$  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	Coarseness Factor:		
Work	Workability Factor:		
Sieve	Cumulative	%	Cumulative
Sieve	% Passing	Retained	% Retained
2"	100.0	0.0	0.0
1.5"	100.0	0.0	0.0
1"	85.0	15.0	15.0
3/4"	72.1	12.9	27.9
1/2"	64.5	7.6	35.5
3/8"	56.5	8.0	43.5
#4	42.7	13.8	57.3
#8	34.9	7.8	65.1
#16	29.0	5.9	71.0
#30	21.0	8.0	79.0
#50	8.2	12.8	91.8
#100	1.6	6.5	98.4
LBW	0.7	0.9	99.3

PREPARED BY: SM, LLC Technical Service Approved By:

**PLANT #:** P-39

Sample Date:

6/6/22 Concrete Grade: P1M, 3500HP 6/13/2022

Dates Test F	Represents:	6/7/2022	through	6/13/2022		
Agg. Class	Pit#	Source	Weight (SSD)	ft <sup>3</sup>	Specific Gravity	% Contribution
CA	71-47	Presque Isle	1020	6.24	2.62	33.2
IA	71-47	Presque Isle	800	4.89	2.62	26.1
2NS	44-051	Krake Willis Rd	1250	7.56	2.65	40.7
		Total Wt	3070	18.69		100.0

Contractor:

MDOT No.:



---- Verify this number is 100%

ined	Cumulative % Retained	<u>Superior Materials, LLC</u> 30701 W. 10 Mile Rd.
)	0.0	Suite 500
)	1.0	Farmington Hills, MI 48336

Sieve	CA	IA	2NS	Cumulative % Passing	% Retained	Cumulative % Retained
2"	100.0	100.0	100.0	100.0	0.0	0.0
1.5"	97.0	100.0	100.0	99.0	1.0	1.0
1"	46.2	100.0	100.0	82.1	16.9	17.9
3/4"	13.3	98.6	100.0	70.8	11.3	29.2
1/2"	3.7	77.7	100.0	62.2	8.6	37.8
3/8"	2.7	51.6	100.0	55.1	7.1	44.9
#4	2.0	15.0	96.1	43.7	11.4	56.3
#8	1.9	6.8	80.7	35.3	8.4	64.7
#16	1.8	4.1	66.1	28.6	6.7	71.4
#30	1.7	3.3	50.0	21.8	6.8	78.2
#50	1.6	3.0	26.1	11.9	9.8	88.1
#100	1.5	2.8	10.0	5.3	6.6	94.7
LBW	1.4	2.5	2.1	2.0	3.3	98.0

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

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

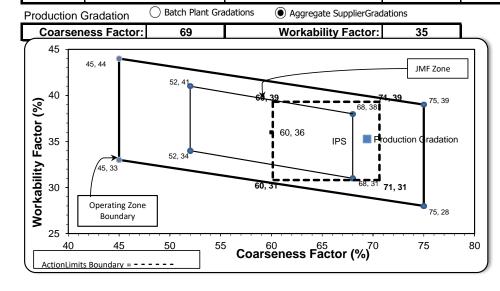
nom. max., #100 and #200 sieves.

\*% 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	Coarseness Factor:		
Work	Workability Factor:		
Sieve	Cumulative	%	Cumulative
Sieve	% Passing	Retained	% Retained
2"	100.0	0.0	0.0
1.5"	99.6	0.4	0.4
1"	83.9	15.7	16.1
3/4"	74.1	9.8	25.9
1/2"	64.3	9.7	35.7
3/8"	57.5	6.8	42.5
#4	44.5	13.1	55.5
#8	35.1	9.4	64.9
#16	27.9	7.2	72.1
#30	21.7	6.2	78.3
#50	12.6	9.1	87.4
#100	3.5	9.1	96.5
LBW	1.2	2.4	98.8

6/6/22

PLANT #: P-O2

Sample Date:

Concrete Grade: P1M, 3500HP

Dates Test F	Represents:	6/7/2022	through	6/13/2022		
Agg. Class	Pit #	Source	Weight (SSD)	ft <sup>3</sup>	Specific Gravity	% Contribution
CA	71-47	Presque Isle	750	4.59	2.62	24.4
IA	71-47	Presque Isle	1070	6.54	2.62	34.9
2NS	63-115	Ray Rd	1250	7 56	2 65	40.7

MDOT No.:

Contractor:

SUPERIOR

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

	Total Wt	3070	18.69		100.0	< Verify this n	umber is 100%
Sieve	CA	1/	4	2NS	Cumulative % Passing	% Retained	Cumulative % Retained
2"	100.0	100	0.0	100.0	100.0	0.0	0.0
1.5"	95.5	100	0.0	100.0	98.9	1.1	1.1
1"	41.1	100	0.0	100.0	85.6	13.3	14.4
3/4"	7.4	98	.8	100.0	77.0	8.7	23.0
1/2"	1.4	67	.4	100.0	64.5	12.4	35.5
3/8"	1.2	39	.1	100.0	54.6	9.9	45.4
#4	1.2	5.	1	96.8	41.5	13.2	58.5
#8	1.2	1.	9	79.2	33.2	8.3	66.8
#16	1.2	1.	8	61.0	25.8	7.4	74.2
#30	1.2	1.	7	43.2	18.5	7.3	81.5
#50	1.2	1.	7	23.1	10.3	8.2	89.7
#100	1.1	1.	6	5.3	3.0	7.3	97.0
LBW	0.9	1.	2	1.1	1.1	1.9	98.9

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

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

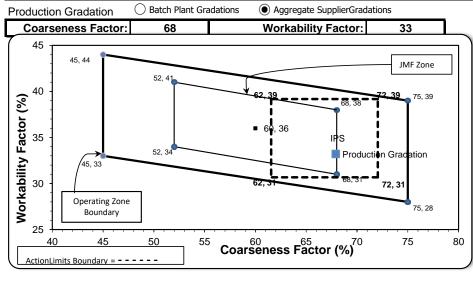
nom. max., #100 and #200 sieves.

 $\ensuremath{^{\star}\%}$  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	Coarseness Factor:		
Work	Workability Factor:		
Sieve	Cumulative	%	Cumulative
Sieve	% Passing	Retained	% Retained
2"	100.0	0.0	0.0
1.5"	100.0	0.0	0.0
1"	85.0	15.0	15.0
3/4"	72.3	12.7	27.7
1/2"	64.5	7.8	35.5
3/8"	56.5	8.0	43.5
#4	42.7	13.8	57.3
#8	34.9	7.8	65.1
#16	29.0	5.9	71.0
#30	21.0	8.0	79.0
#50	8.2	12.8	91.8
#100	1.6	6.5	98.4
LBW	0.7	0.9	99.3

PREPARED BY: SM, LLC Technical Service Approved By: