Sample Date:

8/22/22 Concrete Grade: **S2M**, **3500HP**

ates Test Represents:		8/23/2022	tnrougn	8/29/2022		
\gg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific Gravity	% Contribution
6AA	71-47	Presque Isle	1625	9.94	2.62	53.2
26A	71-47	Presque Isle	200	1.22	2.62	6.5
2NS	75-051	Mid Michigan	1230	7.41	2.66	40.3

Contractor:

MDOT No.:



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

Total Wt		3055	18.57		100.0	< Verify this number is 100%		
Sieve	6AA	26	4	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"	98.5	100	.0	100.0	99.2	0.8	0.8	
3/4"	84.0	100	.0	100.0	91.5	7.7	8.5	
1/2"	41.3	98.	6	100.0	68.7	22.8	31.3	
3/8"	20.9	88.	2	100.0	57.2	11.5	42.8	
#4	2.7	23.	9	98.8	42.8	14.4	57.2	
#8	1.7	5.6	3	82.3	34.4	8.4	65.6	
#16	1.5	3.2	2	65.3	27.3	7.1	72.7	
#30	1.3	2.	7	49.0	20.6	6.7	79.4	
#50	1.3	2.4	1	24.2	10.6	10.0	89.4	
#100	1.2	2.3	3	6.4	3.4	7.2	96.6	
LBW	1.1	2.0)	1.0	1.1	2.2	98.9	

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

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

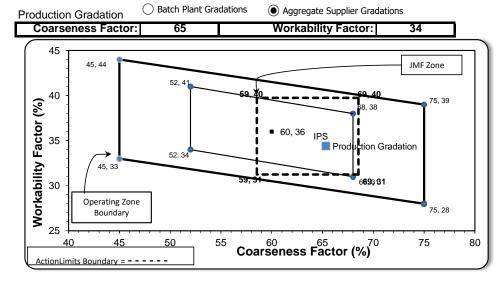
nom. max., #100 and #200 sieves.

 $\ensuremath{^{*}\%}$ 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:	64	
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"	100.0	0.0	0.0
3/4"	93.9	6.1	6.1
1/2"	71.4	22.5	28.6
3/8"	59.0	12.4	41.0
#4	45.1	13.9	54.9
#8	35.5	9.6	64.5
#16	28.3	7.2	71.7
#30	21.3	6.9	78.7
#50	11.0	10.3	89.0
#100	3.4	7.6	96.6
LBW	1.1	2.3	98.9

PREPARED BY: SM, LLC Technical Service Approved By:

Sample Date:

8/22/22 Concrete Grade: S2M, 3500HP

Dates Test Represents:		8/23/2022	tnrougn	8/29/2022		
Agg. Class	Pit#	Source	Weight (SSD)	ft ³	Specific Gravity	% Contribution
6AA	58-003	Stoneco	1600	9.53	2.69	51.6
26A	58-003	Stoneco	300	1.79	2.69	9.7
2NS	81-019	Pleasant Lake	1200	7.26	2.65	38.7
		Total Wt	3100	18.58		100.0

Contractor:

MDOT No.:



Verify this number is 100%

Superior Materials, LLC
30701 W. 10 Mile Rd.
Suite 500

Farmington Hills, MI 48336

	i Otai VVI	3100 10.30		100.0	< verily trils fi	umber is 100%
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"	99.4	100.0	100.0	99.7	0.3	0.3
3/4"	76.0	100.0	100.0	87.6	12.1	12.4
1/2"	36.2	99.9	100.0	67.1	20.6	32.9
3/8"	18.2	86.8	100.0	56.5	10.6	43.5
#4	1.7	22.4	99.2	41.4	15.1	58.6
#8	1.1	6.5	83.9	33.7	7.8	66.3
#16	0.9	3.5	66.5	26.5	7.1	73.5
#30	0.8	2.6	48.2	19.3	7.2	80.7
#50	0.7	2.4	23.4	9.7	9.7	90.3
#100	0.7	2.3	6.4	3.1	6.6	96.9
LBW	0.6	2.0	1.0	0.9	2.2	99.1

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

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

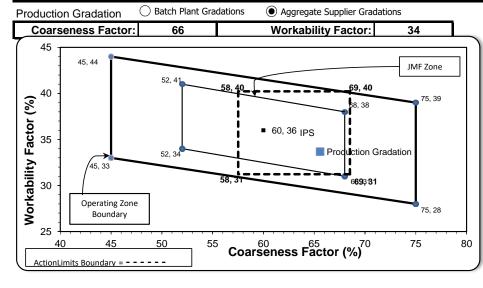
nom. max., #100 and #200 sieves.

*% 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:		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

PREPARED BY: SM, LLC Technical Service Approved By:

Total Wt

0.9

0.8

0.7

0.7

PLANT #: P-103

Sample Date:

#16

#30

#50

#100

8/22/22 Concrete Grade: S2M, 3500HP

18.58

Dates Test Represents:		8/23/2022	through	8/29/2022		
Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific Gravity	% Contribution
6AA	58-003	Stoneco	1600	9.53	2.69	51.6
26A	58-003	Stoneco	300	1.79	2.69	9.7
2NS	81-019	Pleasant Lake	1200	7.26	2.65	38.7

3.5

2.6

2.4

2.3

3100

Contractor:

MDOT No.:

<---- Verify this number is 100%

Sieve	6AA	26A	2NS	% Passing	% Retained	% Retained	
2"	100.0	100.0	100.0	100.0	0.0	0.0	İ
1.5"	100.0	100.0	100.0	100.0	0.0	0.0	İ
1"	99.4	100.0	100.0	99.7	0.3	0.3	İ
3/4"	76.0	100.0	100.0	87.6	12.1	12.4	İ
1/2"	36.2	99.9	100.0	67.1	20.6	32.9	İ
3/8"	18.2	86.8	100.0	56.5	10.6	43.5	*N
#4	1.7	22.4	99.2	41.4	15.1	58.6	*4
#8	1.1	6.5	83.9	33.7	7.8	66.3	nor

66.5

48.2

23.4

6.4

26.5

19.3

9.7

3.1

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.,

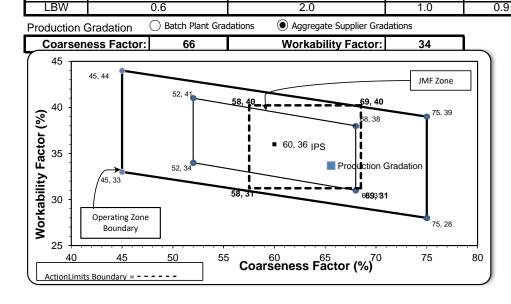
nom. max., #100 and #200 sieves.

*% 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)

73.5

80.7

90.3

96.9

7.1

7.2

9.7

6.6

2.2

Coarseness 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

Approved BY: PREPARED BY: SM, LLC Technical Service

Sample Date:

8/22/22 Concrete Grade: S2M, 3500HP

Dates Test Represents:		8/23/2022	through	8/29/2022			
	Agg. Class	Pit#	Source	Weight (SSD)	ft ³	Specific	%
	Agg. Class	FIL#	Source	weight (SSD)	11	Gravity	Contribution
	6AA	58-003	Stoneco	1550	9.23	2.69	49.8
	26A	58-003	Stoneco	350	2.09	2.69	11.3
	2NS	19-55	Schlegel	1210	7.26	2.67	38.9
			Total Wt	3110	18.58		100.0

Contractor:

MDOT No.:

---- Verify this number is 100%



Builders Redi-Mix 30701 W. 10 Mile Rd. Farmington Hills, MI 48336

Suite 500

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

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

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

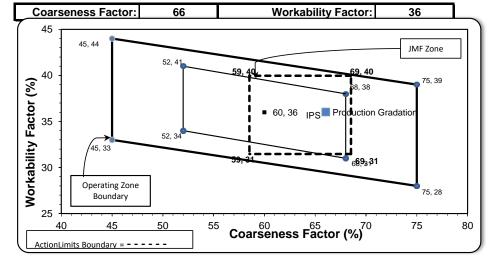
*% Retained must be at least 4% for each sieve except max.,

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.

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"	99.4	100.0	100.0	99.7	0.3	0.3
3/4"	76.0	100.0	100.0	88.0	11.7	12.0
1/2"	36.2	99.9	100.0	68.2	19.8	31.8
3/8"	18.2	86.8	100.0	57.7	10.4	42.3
#4	1.7	22.4	99.9	42.2	15.5	57.8
#8	1.1	6.5	89.3	36.0	6.2	64.0
#16	0.9	3.5	67.3	27.0	9.0	73.0
#30	0.8	2.6	45.8	18.5	8.5	81.5
#50	0.7	2.4	17.0	7.2	11.3	92.8
#100	0.7	2.3	2.8	1.7	5.5	98.3
LBW	0.6	2.0	0.5	0.7	1.0	99.3
roduction Grad	dation O Batch Plant Grad	dations Aggregate Supplier Gr	adations		Intial Production	on Sample (IF



Intial Production Sample (IPS)

Coars	eness Factor:	64	
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"	99.2	0.8	0.8
3/4"	90.9	8.3	9.1
1/2"	71.3	19.6	28.7
3/8"	59.2	12.1	40.8
#4	41.5	17.7	58.5
#8	35.7	5.8	64.3
#16	27.9	7.9	72.1
#30	18.3	9.5	81.7
#50	7.3	11.0	92.7
#100	2.0	5.3	98.0
LBW	0.9	1.1	99.1

Sample Date:

8/22/22 Concrete Grade: S2M, 3500HP

Dates Test Represents:		8/23/2022	through	8/29/2022		
Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific Gravity	% Contribution
6AA	71-47	Presque Isle	1620	9.91	2.62	53.1
26A	71-47	Presque Isle	200	1.22	2.62	6.6
2NS	95-013	Smelter Bay	1230	7.44	2.65	40.3

Contractor:

MDOT No.:



ained Cumulative % Retained		<u>Superior Materials, LLC</u> 30701 W. 10 Mile Rd.		
0	0.0	Suite 500		
0	0.0	Farmington Hills, MI 48336		

Total W		3050	18.57		100.0	< Verify this n	umber is 100%
Sieve	6AA	26A		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"	98.0	10	0.0	100.0	98.9	1.1	1.1
3/4"	83.0	10	0.0	100.0	91.0	8.0	9.0
1/2"	43.9	97	7.1	100.0	70.0	21.0	30.0
3/8"	22.6	85	5.5	100.0	57.9	12.1	42.1
#4	4.2	25	5.5	95.9	42.6	15.4	57.4
#8	2.2	7	.7	82.9	35.1	7.5	64.9
#16	1.9	3	.4	67.9	28.6	6.5	71.4
#30	1.8	2	2.5		21.0	7.7	79.0
#50	1.7	2.3		24.7	11.0	9.9	89.0
#100	1.5	2.1		7.8	4.1	6.9	95.9
LBW	1.2	1	.6	1.3	1.3	2.8	98.7

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

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

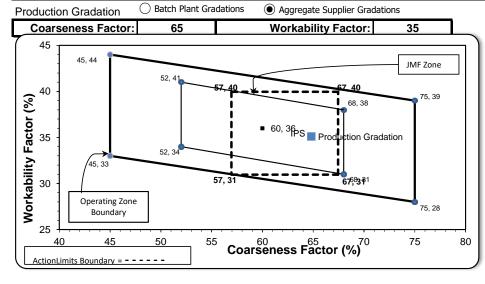
nom. max., #100 and #200 sieves.

*% 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:	62	
Work	ability 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"	100.0	0.0	0.0
3/4"	94.0	6.0	6.0
1/2"	70.2	23.7	29.8
3/8"	59.9	10.4	40.1
#4	42.7	17.2	57.3
#8	35.5	7.2	64.5
#16	28.4	7.0	71.6
#30	19.2	9.2	80.8
#50	8.9	10.3	91.1
#100	3.1	5.9	96.9
LBW	1.4	1.7	98.6

Weight (SSD)

1600

300

1200

Source

Stoneco

Stoneco

Pleasant Lake

PLANT #:

Pit#

58-003

58-003

81-019

Agg. Class

6AA

26A

2NS

Specific

Gravity

2.69

2.69

2.65

Sample Date: 8/22/22 **Dates Test Represents:** 8/23/2022

122			Concrete Grade:	52W, 35UUF
2022	through	8/29/2022		

ft³

9.53

1.79

7.26

	IVIL
%	
Contribution	
51.6	
0.7	

Contractor:

MDOT No.:

38.7

Verify this number is 100%

SUP	ER R I	10	RS

Superior Materials, LLC 30701 W. 10 Mile Rd. Suite 500

Farmington Hills, MI 48336

	Total Wt	3100	18.58		100.0	< Verify this n	umber is 100%
Sieve	6AA	26A		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"	99.4	100	100.0		99.7	0.3	0.3
3/4"	76.0	100	0.0	100.0	87.6	12.1	12.4
1/2"	36.2	99	99.9		67.1	20.6	32.9
3/8"	18.2	86	5.8	100.0	56.5	10.6	43.5
#4	1.7	22	2.4	99.2	41.4	15.1	58.6
#8	1.1	6.	.5	83.9	33.7	7.8	66.3 r
#16	0.9	3.	.5	66.5	26.5	7.1	73.5
#30	0.8	2.6		48.2	19.3	7.2	80.7 r
#50	0.7	2.4		23.4	9.7	9.7	90.3
#100	0.7	2.3		6.4	3.1	6.6	96.9
LBW	0.6	2.	0	1.0	0.9	2.2	99.1

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

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

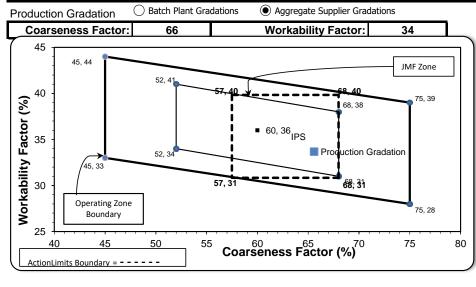
nom. max., #100 and #200 sieves.

*% 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)

Coar	seness Factor:	63	
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"	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

8/22/22

PLANT #: P-36

Sample Date:

Concrete Grade: S2M, 3500HP

Dates Test Represents:		8/23/2022	through	8/29/2022			
	Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific Gravity	% Contribution
	6AA	71-47	Presque Isle	1550	9.48	2.62	50.8
	26A	71-47	Presque Isle	300	1.83	2.62	9.8
	2NS	63-92	Grange Hall	1200	7.26	2.65	39.3
			Total Wt	3050	18 57		100.0

MDOT No.:

---- Verify this number is 100%

Contractor:

SUPERIO M ATERIAL	R

Superior Materials, LLC 30701 W. 10 Mile Rd. 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"	98.8	100.0	100.0	99.4	0.6	0.6
3/4"	81.2	100.0	100.0	90.4	8.9	9.6
1/2"	43.1	97.1	100.0	70.8	19.6	29.2
3/8"	21.8	85.5	100.0	58.8	12.0	41.2
#4	3.4	25.5	96.7	42.3	16.6	57.7
#8	1.9	7.7	80.5	33.4	8.9	66.6
#16	1.6	3.4	64.3	26.4	6.9	73.6
#30	1.5	2.5	45.7	19.0	7.5	81.0
#50	1.4	2.3	19.5	8.6	10.4	91.4
#100	1.4	2.1	3.3	2.2	6.4	97.8

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

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

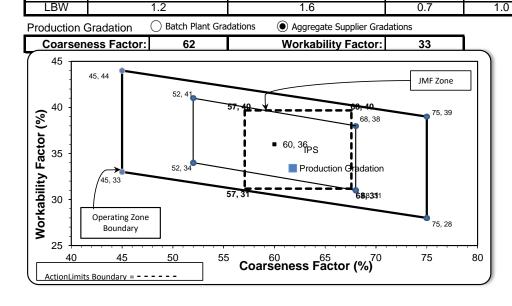
nom. max., #100 and #200 sieves.

*% 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)

99.0

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"	99.1	0.9	0.9
3/4"	90.5	8.6	9.5
1/2"	69.8	20.7	30.2
3/8"	59.8	10.0	40.2
#4	42.2	17.6	57.8
#8	35.4	6.7	64.6
#16	28.8	6.7	71.2
#30	21.4	7.4	78.6
#50	8.8	12.6	91.2
#100	1.8	7.0	98.2
LBW	0.7	1.0	99.3

Sample Date:

8/22/22 Concrete Grade: S2M, 3500HP 8/20/2022

Dates Test Represents:		8/23/2022	through	8/29/2022		
Agg. Class	Pit#	Source	Weight (SSD)	ft ³	Specific Gravity	% Contribution
6AA	71-47	Presque Isle	1600	9.79	2.62	52.5
26A	71-47	Presque Isle	200	1.22	2.62	6.6
2NS	44-051	Krake Willis Rd	1250	7.56	2.65	41.0
Total Wt			3050	18.57		100.0

MDOT No.:

Contractor:



---- Verify this number is 100%

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

Cumulative Cumulative 6AA 26A % Retained Sieve 2NS % Passing % 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 98.5 100.0 100.0 99.2 0.8 8.0 3/4" 84.0 100.0 100.0 91.6 7.6 8.4 1/2' 41.3 98.6 100.0 69.1 22.5 30.9 3/8' 20.9 88.2 100.0 42.3 57.7 11.4 #4 2.7 23.9 96.7 42.6 15.1 57.4 #8 1.7 5.6 81.3 34.6 8.0 65.4 #16 1.5 3.2 67.2 28.5 6.0 71.5 #30 50.9 78.3 1.3 2.7 21.7 6.8 #50 1.3 2.4 24.9 11.0 10.7 89.0 #100 1.2 2.3 7.3 3.8 7.3 96.2

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

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

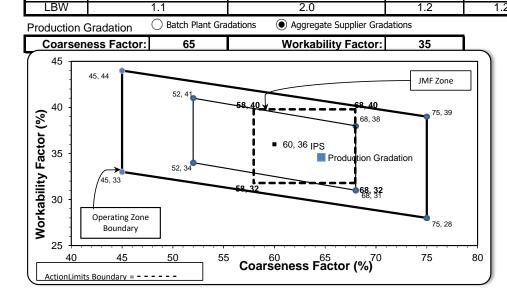
nom. max., #100 and #200 sieves.

*% 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)

2.6

Coars	Coarseness Factor:		
Workability 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"	100.0	0.0	0.0
3/4"	89.8	10.2	10.2
1/2"	70.7	19.1	29.3
3/8"	59.6	11.1	40.4
#4	43.2	16.4	56.8
#8	35.8	7.4	64.2
#16	29.2	6.6	70.8
#30	21.4	7.8	78.6
#50	9.8	11.6	90.2
#100	3.7	6.1	96.3
LBW	1.2	2.5	98.8

Sample Date:

8/22/22 Concrete Grade: S2M, 3500HP

Dates Test F	Represents:	8/23/2022	through	8/29/2022		
Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific Gravity	% Contribution
6AA	71-47	Presque Isle	1600	9.79	2.62	52.5
26A	71-47	Presque Isle	220	1.35	2.62	7.2
2NS	63-115	Ray Rd	1230	7.44	2.65	40.3
Total Wt			3050	18.57		100.0

Contractor:

MDOT No.:



---- Verify this number is 100%

ined	Cumulative % Retained	
	0.0	Suite 500
	0.0	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"	98.8	100.0	100.0	99.4	0.6	0.6
3/4"	81.2	100.0	100.0	90.1	9.2	9.9
1/2"	43.1	97.1	100.0	69.9	20.2	30.1
3/8"	21.8	85.5	100.0	57.9	12.0	42.1
#4	3.4	25.5	96.7	42.6	15.3	57.4
#8	1.9	7.7	77.8	32.9	9.7	67.1
#16	1.6	3.4	61.9	26.0	6.9	74.0
#30	1.5	2.5	47.9	20.3	5.8	79.7
#50	1.4	2.3	27.7	12.1	8.2	87.9
#100	1.4	2.1	7.7	4.0	8.1	96.0
LBW	1.2	1.6	0.9	1.1	2.9	98.9

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

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

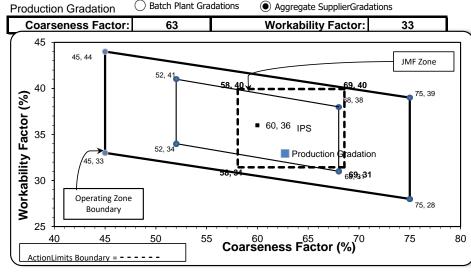
nom. max., #100 and #200 sieves.

*% 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	Coarseness Factor:		
Workability 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"	100.0	0.0	0.0
3/4"	95.6	4.4	4.4
1/2"	73.1	22.6	26.9
3/8"	59.3	13.8	40.7
#4	42.8	16.5	57.2
#8	35.7	7.1	64.3
#16	28.9	6.8	71.1
#30	20.7	8.2	79.3
#50	9.9	10.8	90.1
#100	2.1	7.8	97.9
LBW	0.9	1.2	99.1