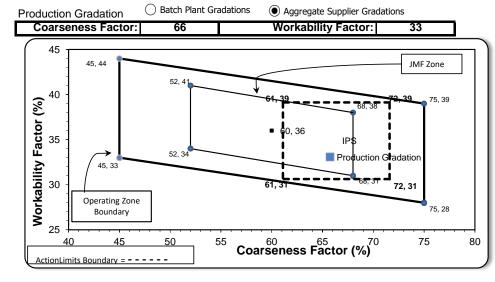
PLANT #:		P-101					Contractor:				
Sample Date	:	9/27/21			Concrete Grade:	P1M					
Dates Test Represents:		9/28/2021	through	10/4/2021			MDOT No.:				
Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific	%					
		oource	- · · ·	-	Gravity	Contribution					
CA	71-47	Presque Isle	1070	6.54	2.62	34.9					
IA	71-47	Presque Isle	800	4.89	2.62	26.1					
2NS	75-051	Mid-Michigan	1200	7.23	2.66	39.1					
		Total Wt	3070	18.67		100.0	< Verify this n	umber is 100%	_		
Sieve		CA	1/	A	2NS	Cumulative % Passing	% Retained	Cumulative % Retained			
2"	1	100.0	100	0.0	100.0	100.0	0.0	0.0			
1.5"		98.3	100	0.0	100.0	99.4	0.6	0.6			
1"		49.1	100	0.0	100.0	82.3	17.1	17.7			
3/4"		12.7	99	.6	100.0	69.5	12.8	30.5			
1/2"		3.8	83	83	83	3.0	100.0	62.0	7.4	38.0	1
3/8"		2.8	61	.2	100.0	56.0	6.0	44.0	*		
#4		2.2	9.	1	99.0	41.8	14.2	58.2	*		
#8	2.0		2.	5	81.2	33.1	8.7	66.9	nc		
#16		1.9	1.9		62.6	25.6	7.5	74.4	*		
#30		1.8	1.	7	47.2	19.5	6.1	80.5	nc		
#50		1.8	1.	6	25.2	10.9	8.6	89.1	*		
#100		1.6	1.	6	7.3	3.8	7.1	96.2	a		
LBW		1.4	1.	4	1.1	1.3	2.5	98.7	1		



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Maximum % Retained must be above the 3/8" sieve. Any two adjacent sieves must equal 10% except max., om. max., #100 and #200 sieves. % Retained must be at least 4% for each sieve except max., om. max., #100 and #200 sieves. % Retained must be at least 8% for the 1" sieve when 2" max. size (nom. Max. 1.5") aggregate is used.



Initial Product	ion Sample (IPS	6)	_
Coars	eness Factor:	66	
Work	ability Factor:	35	
Sieve	Cumulative	%	Cumulative
Sleve	% 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

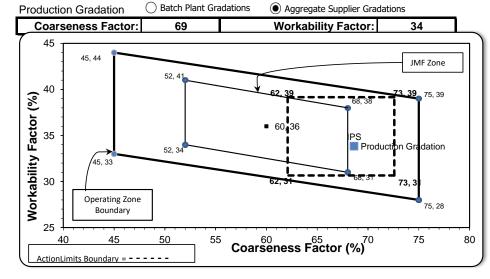
Approved By: Mart 1. Ball

PLANT :	#:	P-102					Contractor:		
Sample Date	•:	9/27/21			Concrete Grade:	P1M			
Dates Test Represents:		9/28/2021	through	10/4/2021			MDOT No.:		
Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific	%			
		oource	_		Gravity	Contribution			
CA	58-003	Stoneco	1420	8.46	2.69	45.5			
IA	58-003	Stoneco	500	2.98	2.69	16.0			
2NS	63-114	Highland	1200	7.26	2.65	38.5			
		Total Wt	3120	18.70		100.0	< Verify this number is 100%		
Sieve		CA	IJ	A	2NS	Cumulative % Passing	% Retained	Cumulative % Retained	
2"	1	00.0	10	0.0	100.0	100.0	0.0	0.0	
1.5"	1	00.0	10	0.0	100.0	100.0	0.0	0.0	
1"	6	68.5	10	0.0	100.0	85.7	14.3	14.3	
3/4"		37.9	10	0.0	100.0	71.7	13.9	28.3	1
1/2"	1	15.4	91	.7	100.0	60.2	11.6	39.8	1
3/8"		8.0	78	3.0	100.0	54.6	5.6	45.4	*
#4		2.6	27	' .6	98.9	43.6	11.0	56.4	*,
#8		1.7	5	.7	83.6	33.8	9.8	66.2	no
#16		1.5	1.7		66.1	26.4	7.5	73.6	*0
#30		1.3	1.	.2	47.2	18.9	7.4	81.1	no
#50		1.2	1.	.0	21.3	8.9	10.0	91.1	*0
#100		1.1	0	.9	4.6	2.4	6.5	97.6	a 2
LBW		1.0	0.	.9	0.9	0.9	1.5	99.1	1



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*Maximum % Retained must be above the 3/8" sieve.
*Any two adjacent sieves must equal 10% except max., om. max., #100 and #200 sieves.
*% Retained must be at least 4% for each sieve except max., om. max., #100 and #200 sieves.
*% Retained must be at least 8% for the 1" sieve when 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"	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	#100 2.2		97.8						
LBW	1.4	0.8	98.6						

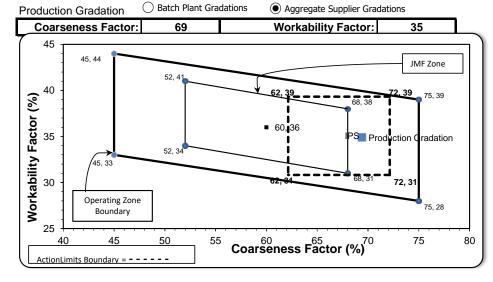
Approved By: Mart P. Ball

PLANT #:		P-12					Contractor:		
Sample Date	:	9/27/21			Concrete Grade:	P1M			
Dates Test Represents:		9/28/2021	through	10/4/2021			MDOT No.:		
Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific	%			
ngg. Class	Fit #	Source	Weight (SSD)	п	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	63-115	Ray Rd	1250	7.56	2.65	40.7			
		Total Wt	3070	18.69		100.0	< Verify this n	umber is 100%	
Sieve		CA	1/	A	2NS	Cumulative % Passing	% Retained	Cumulative % Retained	
2"	1	00.0	100	0.0	100.0	100.0	0.0	0.0	1
1.5"	1	97.2	100	0.0	100.0	99.1	0.9	0.9	
1"		43.2	100	0.0	100.0	81.1	17.9	18.9	1
3/4"		10.7	97	.3	100.0	69.6	11.5	30.4	1
1/2"		2.8	75.7	.7	100.0	61.4	8.3	38.6	
3/8"		2.3	51	.2	100.0	54.8	6.6	45.2	
#4		2.0	12	7	96.4	43.2	11.6	56.8	
#8		1.9	5.	1	80.9	34.9	8.3	65.1	n
#16		1.8	3.	1	66.3	28.4	6.5	71.6	
#30		1.8	2.	5	50.5	21.8	6.6	78.2	n
#50		1.7	2.	3	26.4	11.9	9.9	88.1	
#100		1.6	2.	1	6.2	3.6	8.3	96.4	а
LBW		1.4	1.	5	0.9	1.2	2.4	98.8	1



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Maximum % Retained must be above the 3/8" sieve. Any two adjacent sieves must equal 10% except max., om. max., #100 and #200 sieves. % Retained must be at least 4% for each sieve except max., om. max., #100 and #200 sieves. % Retained must be at least 8% for the 1" sieve when 2" max. size (nom. Max. 1.5") aggregate is used.



Intial Producti	on Sample (IPS	5)	_
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

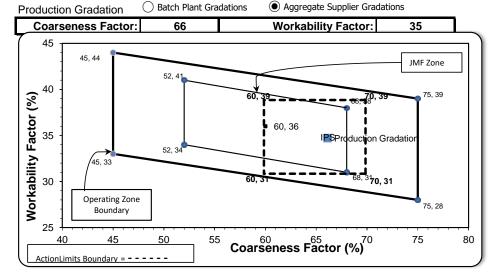
Approved By: Mart 1. Ball

PLANT #:		P-20					Contractor:		
Sample Date	:	9/27/21			Concrete Grade:	P1M			
Dates Test Represents:		9/28/2021	through	10/4/2021			MDOT No.:		
Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific	%			
			• • •	-	Gravity	Contribution			
CA	71-47	Presque Isle	1020	6.24	2.62	33.2			
IA	71-47	Presque Isle	850	5.20	2.62	27.7			
2NS 63-92		Grange Hall	1200	7.26	2.65	39.1			
		Total Wt	3070	18.70		100.0	< Verify this n	umber is 100%	
Sieve		CA	IA	A	2NS	Cumulative % Passing	% Retained	Cumulative % Retained	
2"	1	00.0	100	0.0	100.0	100.0	0.0	0.0	
1.5"	1	97.0	100	0.0	100.0	99.0	1.0	1.0	
1"		49.0	100	0.0	100.0	83.1	15.9	16.9	
3/4"		11.7	98	.7	100.0	70.3	12.8	29.7	1
1/2"		3.2	82	3	100.0	62.9	7.4	37.1	1
3/8"		2.5	61	.1	100.0	56.8	6.1	43.2	
#4	2.0		14	.2	97.6	42.7	14.1	57.3	
#8		1.8	4.	4.6		34.7	8.0	65.3	n
#16		1.7	2.	2.7		27.8	6.9	72.2	
#30		1.6	2.3		48.6	20.2	7.6	79.8	n
#50		1.6	2.	1	20.4	9.1	11.1	90.9	
#100		1.5	2.	0	5.9	3.4	5.7	96.6	а
LBW		1.3	1.	8	0.5	1.1	2.2	98.9	1



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Maximum % Retained must be above the 3/8" sieve. Any two adjacent sieves must equal 10% except max., om. max., #100 and #200 sieves. % Retained must be at least 4% for each sieve except max., om. max., #100 and #200 sieves. % Retained must be at least 8% for the 1" sieve when 2" max. size (nom. Max. 1.5") aggregate is used.



0)	-
Coarse	eness Factor:	65	
Worka	ability Factor:	35	
Sieve	Cumulative	%	Cumulative
Sieve	% Passing	Retained	% Retained
2"	100.0	0.0	0.0
1.5"	99.1	0.9	0.9
1"	80.8	18.2	19.2
3/4"	71.3	9.6	28.7
1/2"	64.0	7.3	36.0
3/8"	57.7	6.2	42.3
#4	42.8	15.0	57.2
#8	34.8	7.9	65.2
#16	28.4	6.4	71.6
#30	20.2	8.2	79.8
#50	7.6	12.6	92.4
#100	1.6	6.0	98.4
LBW	1.0	0.6	99.0

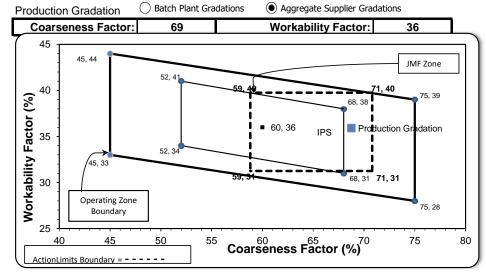
Approved By: Mart 1. Ball

PLANT #	#:	P-32					Contractor:		
Sample Date	:	9/27/21			Concrete Grade:	P1M			
Dates Test R		9/28/2021	through	10/4/2021			MDOT No.:		
Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific Gravity	% Contribution			
CA	71-47	Presque Isle	950	5.81	2.62	30.9			
IA	71-47	Presque Isle	870	5.32	2.62	28.3			
2NS	95-013	Smelter Bay	1250	7.56	2.65	40.7			
		Total Wt	3070	18.69		100.0	< Verify this n	umber is 100%	
Sieve		CA	I/	A	2NS	Cumulative % Passing	% Retained	Cumulative % Retained	
2"	1	100.0	100	0.0	100.0	100.0	0.0	0.0	
1.5"		97.2	100	0.0	100.0	99.1	0.9	0.9	
1"		43.2	10	0.0	100.0	82.4	16.7	17.6	1
3/4"		10.7	97	.3	100.0	71.6	10.8	28.4	1
1/2"		2.8	75	5.7	100.0	63.0	8.6	37.0	
3/8"		2.3	51	.2	100.0	55.9	7.1	44.1	*
#4		2.0	12	2.7	95.3	43.0	12.9	57.0	*.
#8		1.9	5.	.1	83.2	35.9	7.1	64.1	no
#16		1.8	3.	.1	67.9	29.1	6.8	70.9	*
#30		1.8	2.	.5	49.8	21.5	7.5	78.5	no
#50		1.7	2.	.3	25.3	11.5	10.1	88.5	*
#100		1.6	2.		8.4	4.5	7.0	95.5	a 2
LBW		1.4	1.	5	1.7	1.6	3.0	98.4	



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*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 12" max. size (nom. Max. 1.5") aggregate is used.



Intial Production Sample (IPS)									
Coars	eness Factor:	65							
Work	ability 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						

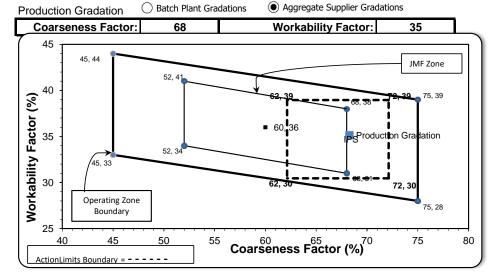
Approved By: Mart P. Ball

PLANT #	#:	P-35					Contractor:																													
Sample Date	:	9/27/21			Concrete Grade:	P1M																														
Dates Test Represents:		9/28/2021	through	10/4/2021			MDOT No.:																													
Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific	%																														
		Source	Weight (33D)		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	81-093	Burmeister	1200	7.26	2.65	38.5																														
		Total Wt	3120	18.70		100.0	< Verify this n	umber is 100%																												
Sieve		CA	1/	4	2NS	Cumulative % Passing	% Retained	Cumulative % Retained																												
2"	1	00.0	100	0.0	100.0	100.0	0.0	0.0	1																											
1.5"	1	00.0	100	0.0	100.0	100.0	0.0	0.0																												
1"	6	68.5	100	0.0	100.0	86.2	13.8	13.8																												
3/4"	3	37.9	100	0.0	100.0	72.7	13.4	27.3	1																											
1/2"		15.4	91	91	91	91	91.	91	91	91	91	91	91	91	91	91	91	91	91			91	91	91	9	9.					.7	100.0	61.4	11.3	38.6	1
3/8"		8.0	78	5.0	100.0	55.7	5.7	44.3	1																											
#4		2.6	27	.6	99.2	44.2	11.6	55.8																												
#8		1.7	5.	.7	86.8	35.1	9.0	64.9	n																											
#16		1.5	1.	.7	70.9	28.2	6.9	71.8	1																											
#30		1.3	1.	.2	52.4	20.9	7.3	79.1	n																											
#50		1.2	1.	.0	18.7	7.9	13.0	92.1																												
#100		1.1	0.	.9	2.7	1.7	6.2	98.3	а																											
LBW		1.0	0.	.9	1.0	1.0	0.7	99.0	1																											



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*Maximum % Retained must be above the 3/8" sieve.
*Any two adjacent sieves must equal 10% except max., om. max., #100 and #200 sieves.
*% Retained must be at least 4% for each sieve except max., om. max., #100 and #200 sieves.
*% Retained must be at least 8% for the 1" sieve when 2" max. size (nom. Max. 1.5") aggregate is used.



Intial Production	on Sample (IPS	5)	_
Coars	eness Factor:	67	
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"	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

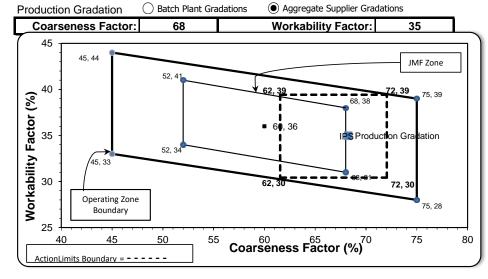
Approved By: Mart 1. Ball

PLANT #:		P-36					Contractor:		
Sample Date	:	9/27/21			Concrete Grade:	P1M			
Dates Test R	epresents:	9/28/2021	through	10/4/2021			MDOT No.:		
Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific	%			
			- · · ·		Gravity	Contribution			
CA	71-47	Presque Isle	920	5.63	2.62	30.0			
IA	71-47	Presque Isle	950	5.81	2.62	30.9			
2NS	63-92	Grange Hall	1200	7.26	2.65	39.1			
		Total Wt	3070	18.70		100.0	< Verify this n	umber is 100%	
Sieve		CA	I/	4	2NS	Cumulative % Passing	% Retained	Cumulative % Retained	
2"	1	100.0	10	0.0	100.0	100.0	0.0	0.0	
1.5"		97.2	100	0.0	100.0	99.2	0.8	0.8	
1"		43.2	10	0.0	100.0	83.0	16.2	17.0	1
3/4"		10.7	97	' .3	100.0	72.4	10.6	27.6	1
1/2"	2.8		75	5.7	100.0	63.4	9.1	36.6	1
3/8"	2.3		51	.2	100.0	55.6	7.7	44.4	1
#4	2.0		12	2.7	97.6	42.7	12.9	57.3	1
#8	1.9		5.	.1	84.0	35.0	7.7	65.0	r
#16		1.8	3.		67.7	28.0	7.0	72.0	1
#30		1.8 2.		.5	48.6	20.3	7.7	79.7	r
#50		1.7	2.	.3	20.4	9.2	11.1	90.8	
#100	1.6		2.	.1	5.9	3.4	5.8	96.6	а
LBW		1.4	1.	.5	0.5	1.1	2.4	98.9	1



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Maximum % Retained must be above the 3/8" sieve. Any two adjacent sieves must equal 10% except max., om. max., #100 and #200 sieves. % Retained must be at least 4% for each sieve except max., om. max., #100 and #200 sieves. % Retained must be at least 8% for the 1" sieve when 2" max. size (nom. Max. 1.5") aggregate is used.



Intial Producti	on Sample (IPS	5)	_
Coars	eness Factor:	67	
Work	ability Factor:	35	
Sieve	Cumulative	%	Cumulative
Sleve	% 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

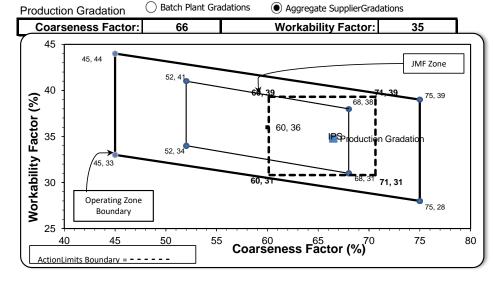
Approved By: Mart 1. Ball

PLANT #	#:	P-39					Contractor:		
Sample Date	:	9/27/21			Concrete Grade:	P1M			
Dates Test R	epresents:	9/28/2021	through	10/4/2021			MDOT No.:		
Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific Gravity	% Contribution			
CA	71-47	Presque Isle	1070	6.54	2.62	34.9			
IA	71-47	Presque Isle	750	4.59	2.62	24.4			
2NS	44-051	Krake Willis Rd	1250	7.56	2.65	40.7			
		Total Wt	3070	18.69		100.0	< Verify this n	umber is 100%	_
Sieve		CA	I/	4	2NS	Cumulative % Passing	% Retained	Cumulative % Retained]
2"		100.0	10	0.0	100.0	100.0	0.0	0.0	1
1.5"		98.3	100	0.0	100.0	99.4	0.6	0.6	1
1"		49.1	10	0.0	100.0	82.3	17.1	17.7	
3/4"		12.7	99	9.6	100.0	69.5	12.8	30.5	
1/2"		3.8	83	8.0	100.0	62.3	7.2	37.7	
3/8"		2.8	61	.2	100.0	56.6	5.7	43.4	*N
#4		2.2	9.	.1	97.4	42.6	14.0	57.4	*/
#8		2.0	2.	.5	82.2	34.8	7.9	65.2	noi
#16		1.9	1.	.9	66.3	28.1	6.7	71.9	*0
#30		1.8	1.	.7	48.4	20.7	7.4	79.3	no
#50		1.8	1.	.6	24.2	10.9	9.9	89.1	*0
#100		1.6	1.	.6	7.4	4.0	6.9	96.0	a 2
LBW		1.4	1.	.4	0.9	1.2	2.8	98.8	



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*Maximum % Retained must be above the 3/8" sieve.
*Any two adjacent sieves must equal 10% except max., om. max., #100 and #200 sieves.
*% Retained must be at least 4% for each sieve except max., om. max., #100 and #200 sieves.
*% Retained must be at least 8% for the 1" sieve when 2" max. size (nom. Max. 1.5") aggregate is used.



Intial Production	on Sample (IPS	5)	-
Coars	eness Factor:	65	
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"	74.1	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

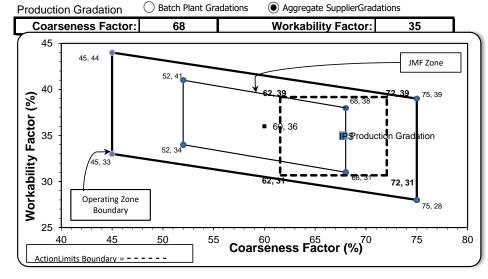
Approved By: Mart 1. Ball

PLANT #	#:	P-O2					Contractor:		
Sample Date	:	9/27/21			Concrete Grade:	P1M			
Dates Test R	epresents:	9/28/2021	through	10/4/2021			MDOT No.:		
Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific Gravity	% Contribution			
CA	71-47	Presque Isle	950	5.81	2.62	30.9			
IA	71-47	Presque Isle	870	5.32	2.62	28.3			
2NS	63-115	Ray Rd	1250	7.56	2.65	40.7			
		Total Wt	3070	18.69		100.0	< Verify this n	umber is 100%	_
Sieve		CA	I/	4	2NS	Cumulative % Passing	% Retained	Cumulative % Retained	
2"	1	00.0	100	0.0	100.0	100.0	0.0	0.0	
1.5"		97.2	100	0.0	100.0	99.1	0.9	0.9	
1"		43.2	10	0.0	100.0	82.4	16.7	17.6	
3/4"		10.7	97	' .3	100.0	71.6	10.8	28.4	
1/2"		2.8	75	5.7	100.0	63.0	8.6	37.0	_
3/8"		2.3	51	.2	100.0	55.9	7.1	44.1	*
#4		2.0	12	2.7	96.4	43.5	12.5	56.5	*
#8		1.9	5.	.1	80.9	35.0	8.5	65.0	nc
#16		1.8	3.	.1	66.3	28.4	6.5	71.6	*
#30		1.8	2.	.5	50.5	21.8	6.6	78.2	nc
#50		1.7	2.	.3	26.4	11.9	9.9	88.1	*
#100		1.6	2.		6.2	3.6	8.3	96.4	a :
LBW		1.4	1.	.5	0.9	1.2	2.4	98.8	1



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*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 12" max. size (nom. Max. 1.5") aggregate is used.



Intial Product	ion Sample (IPS	5)	-
Coars	seness Factor:	67	
Worl	cability 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"	85.0	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

Approved By: May P. Ball