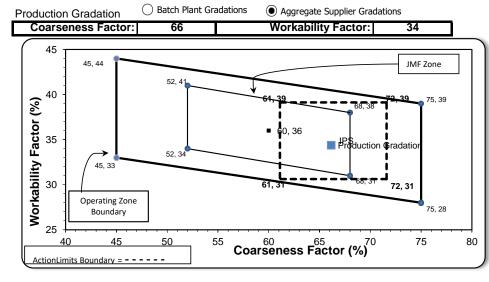
| PLANT #: P-101 |   |              |              |                 |                     | Contractor:             |                 |                          |     |
|----------------|---|--------------|--------------|-----------------|---------------------|-------------------------|-----------------|--------------------------|-----|
| Sample Date    | ):                                      | 7/31/23      |              |                 | Concrete Grade:     | P1M, 3500HP             |                 |                          |     |
| Dates Test R   | ates Test Represents: 8/1/2023          |              | through      | 8/7/2023        |                     |                         | MDOT No.:       |                          |     |
| Agg. Class     | Pit #                                   | Source       | Weight (SSD) | ft <sup>3</sup> | Specific<br>Gravity | %<br>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/           | 4               | 2NS                 | Cumulative<br>% Passing | % Retained      | Cumulative<br>% Retained |     |
| 2"             | 1                                       | 100.0        | 100          | 0.0             | 100.0               | 100.0                   | 0.0             | 0.0                      | 1   |
| 1.5"           |   | 98.2         | 100          | 0.0             | 100.0               | 99.4                    | 0.6             | 0.6                      |     |
| 1"             |   | 36.5         | 100          | 0.0             | 100.0               | 77.9                    | 21.5            | 22.1                     |     |
| 3/4"           |   | 10.8         | 98           | 5.5             | 100.0               | 68.5                    | 9.3             | 31.5                     |     |
| 1/2"           |   | 3.4          | 83           | 3.2             | 100.0               | 62.0                    | 6.6             | 38.0                     |     |
| 3/8"           |   | 2.6          | 63           | 5.7             | 100.0               | 56.6                    | 5.4             | 43.4                     | *   |
| #4             |   | 2.3          | 17           | .3              | 96.8                | 43.1                    | 13.4            | 56.9                     | *   |
| #8             |   | 2.3          | 4.           | 5               | 82.9                | 34.4                    | 8.8             | 65.6                     | no  |
| #16            |   | 2.2          | 2.           | .7              | 68.5                | 28.2                    | 6.1             | 71.8                     | *(  |
| #30            |   | 2.1          | 2.           | .3              | 52.0                | 21.7                    | 6.6             | 78.3                     | no  |
| #50            |   | 2.0          | 2.           | .1              | 24.2                | 10.7                    | 11.0            | 89.3                     | *   |
| #100           |   | 1.9          | 1.           | .9              | 5.9                 | 3.5                     | 7.2             | 96.5                     | a 2 |
| LBW            |   | 1.5          | 1.           | 7               | 1.3                 | 1.5                     | 2.0             | 98.5                     | 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., 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 Production Sample (IPS) |                 |           |            |  |  |  |  |  |
|---------------------------------|-----------------|-----------|------------|--|--|--|--|--|
| Coars                           | seness 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            | 64.3 10.4 |            |  |  |  |  |  |
| 3/8"                            | 56.8            | 6.8 7.5   |            |  |  |  |  |  |
| #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       |  |  |  |  |  |

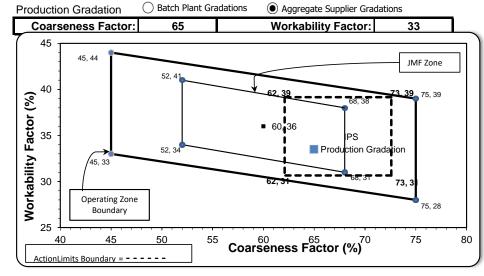
Approved By: Mart 1. Ball

| PLANT #:         P-102           Sample Date:         7/31/23           Dates Test Represents:         8/1/2023 |        |               |              |                 |                     | Contractor:             |                 |                          |    |
|---|--------|---------------|--------------|-----------------|---------------------|-------------------------|-----------------|--------------------------|----|
|   |        | 7/31/23       |              |                 | Concrete Grade:     | P1M, 3500HP             |                 |                          |    |
|   |        | 8/1/2023      | through      | igh 8/7/2023    |                     |                         | MDOT No.:       |                          |    |
| Agg. Class  | Pit #  | Source        | Weight (SSD) | ft <sup>3</sup> | Specific<br>Gravity | %<br>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                   | < Verify this n | umber is 100%            | _  |
| Sieve   |        | CA            | IA           | A               | 2NS                 | Cumulative<br>% Passing | % Retained      | Cumulative<br>% Retained |    |
| 2"  |        | 100.0         | 100          | 0.0             | 100.0               | 100.0                   | 0.0             | 0.0                      | 1  |
| 1.5"  | 1      | 100.0<br>64.7 | 100          | ).0             | 100.0               | 100.0                   | 0.0             | 0.0                      |    |
| 1"  |        |               | 100          | 0.0             | 100.0               | 84.5                    | 15.5            | 15.5                     | 1  |
| 3/4"  |        | 30.1          | 100          | ).0             | 100.0               | 69.3                    | 15.2            | 30.7                     | 1  |
| 1/2"  |        | 15.5          | 94           | .8              | 100.0               | 62.0                    | 7.3             | 38.0                     |    |
| 3/8"  |        | 9.3           | 80           | .8              | 100.0               | 56.8                    | 5.2             | 43.2                     | ,  |
| #4  |        | 3.3           | 20           | .4              | 98.1                | 42.8                    | 14.0            | 57.2                     | 4  |
| #8  |        | 2.4           | 6.           | 0               | 81.6                | 33.5                    | 9.3             | 66.5                     | nc |
| #16   |        | 2.1           | 3.           | 0               | 63.6                | 25.9                    | 7.6             | 74.1                     | *  |
| #30   |        | 2.0           | 2.4          | 4               | 44.7                | 18.5                    | 7.4             | 81.5                     | no |
| #50   |        | 1.8           | 2.:          | 2               | 22.9                | 10.0                    | 8.5             | 90.0                     | *  |
| #100  |        | 1.7           | 2.           |                 | 6.1                 | 3.4                     | 6.5             | 96.6                     | а  |
| LBW   |        | 1.4           | 2.           | 0               | 1.3                 | 1.5                     | 2.0             | 98.5                     | 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., 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                            | #50 8.1         |          | 91.9       |  |  |  |  |  |
| #100                           | #100 2.2        |          | 97.8       |  |  |  |  |  |
| LBW                            | 1.4             | 0.8      | 98.6       |  |  |  |  |  |

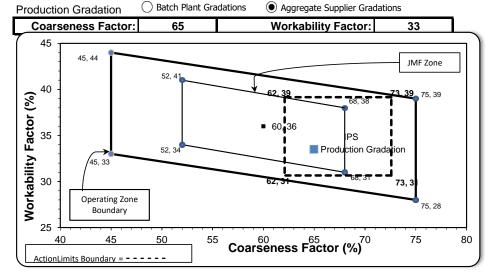
Approved By: Mart 1. Ball

| PLANT #: P-103         |        |               |              |                 |                     | Contractor:             |                 |                          |     |
|------------------------|--------|---------------|--------------|-----------------|---------------------|-------------------------|-----------------|--------------------------|-----|
| Sample Date            | :      | 7/31/23       |              |                 | Concrete Grade:     | P1M, 3500HP             |                 |                          |     |
| Dates Test Represents: |        | ts: 8/1/2023  | through      | 8/7/2023        |                     |                         | MDOT No.:       |                          |     |
| Agg. Class             | Pit #  | Source        | Weight (SSD) | ft <sup>3</sup> | Specific<br>Gravity | %<br>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                   | < Verify this n | umber is 100%            | _   |
| Sieve                  |        | CA            | IA           | A               | 2NS                 | Cumulative<br>% Passing | % Retained      | Cumulative<br>% Retained |     |
| 2"                     | -      | 100.0         | 100          | 0.0             | 100.0               | 100.0                   | 0.0             | 0.0                      | 1   |
| 1.5"                   | 1      | 100.0         | 100          | 0.0             | 100.0               | 100.0                   | 0.0             | 0.0                      |     |
| 1"                     |        | 64.7          | 100          | 0.0             | 100.0               | 84.5                    | 15.5            | 15.5                     |     |
| 3/4"                   |        | 30.1          | 100          | 0.0             | 100.0               | 69.3                    | 15.2            | 30.7                     | 1   |
| 1/2"                   |        | 15.5          | 94           | .8              | 100.0               | 62.0                    | 7.3             | 38.0                     |     |
| 3/8"                   |        | 9.3           | 80           | .8              | 100.0               | 56.8                    | 5.2             | 43.2                     | *   |
| #4                     |        | 3.3           | 20           | .4              | 98.1                | 42.8                    | 14.0            | 57.2                     | *,  |
| #8                     |        | 2.4           | 6.           | 0               | 81.6                | 33.5                    | 9.3             | 66.5                     | no  |
| #16                    |        | 2.1           | 3.           | 0               | 63.6                | 25.9                    | 7.6             | 74.1                     | *(  |
| #30                    |        | 2.0           | 2.           | 4               | 44.7                | 18.5                    | 7.4             | 81.5                     | no  |
| #50                    |        | 1.8           | 2.           | 2               | 22.9                | 10.0                    | 8.5             | 90.0                     | *(  |
| #100                   |        | 1.7           | 2.           |                 | 6.1                 | 3.4                     | 6.5             | 96.6                     | a 2 |
| LBW                    |        | 1.4           | 2.           | 0               | 1.3                 | 1.5                     | 2.0             | 98.5                     |     |



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., 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                          | seness 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                            | #50 8.1         |          | 91.9       |  |  |  |  |  |
| #100                           | ¢100 2.2        |          | 97.8       |  |  |  |  |  |
| LBW                            | 1.4             | 0.8      | 98.6       |  |  |  |  |  |

Approved BY: May 1. Ball

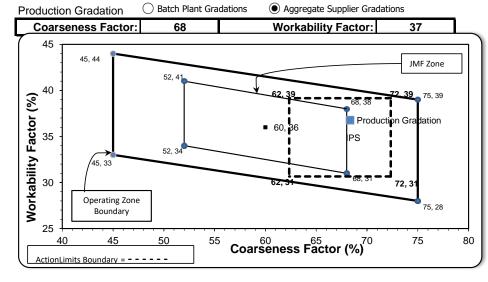
| PLANT #      | <b>#:</b>  | 14       |              |                 |                     |                         | Contractor:     |                          |  |
|--------------|------------|----------|--------------|-----------------|---------------------|-------------------------|-----------------|--------------------------|--|
| Sample Date  | •:         | 7/31/23  |              |                 | Concrete Grade:     | P1M, 3500HP             |                 |                          |  |
| Dates Test R | epresents: | 8/1/2023 | through      | 8/7/2023        |                     |                         | MDOT No.:       |                          |  |
| Agg. Class   | Pit #      | Source   | Weight (SSD) | ft <sup>3</sup> | Specific<br>Gravity | %<br>Contribution       |                 |                          |  |
| CA           | 58-003     | Stoneco  | 1370         | 8.16            | 2.69                | 43.9                    |                 |                          | $\neg$   |
| IA           | 58-003     | Stoneco  | 550          | 3.28            | 2.69                | 17.6                    |                 |                          | 5  |
| 2NS          | 19-04      | Schlegel | 1200         | 7.20            | 2.67                | 38.5                    |                 |                          |  |
|              |            | Total Wt | 3120         | 18.64           |                     | 100.0                   | < Verify this n | umber is 100%            | Build  |
| Sieve        |            | CA       | IA           | N .             | 2NS                 | Cumulative<br>% Passing | % Retained      | Cumulative<br>% Retained | Finish First Wath<br>Builders Redii<br>30701 W. 10 M |
| 2"           | 1          | 00.0     | 100          | ).0             | 100.0               | 100.0                   | 0.0             | 0.0                      | Suite 500  |
| 1.5"         | 1          | 00.0     | 100          | ).0             | 100.0               | 100.0                   | 0.0             | 0.0                      | Farmington Hil                                       |
| 1"           | 6          | 64.7     | 100          | ).0             | 100.0               | 84.5                    | 15.5            | 15.5                     |  |
| 3/4"         | 3          | 30.1     | 100          | ).0             | 100.0               | 69.3                    | 15.2            | 30.7                     |  |
| 1/2"         | 1          | 15.5     | 94           | .8              | 100.0               | 62.0                    | 7.3             | 38.0                     |  |
| 3/8"         |            | 9.3      | 80           | .8              | 100.0               | 56.8                    | 5.2             | 43.2                     | *Maximum % Retained must be above                    |
| #4           |            | 3.3      | 20           | .4              | 99.9                | 43.5                    | 13.3            | 56.5                     | *Any two adjacent sieves must equal 1                |
| #8           |            | 2.4      | 6.           | 0               | 90.1                | 36.8                    | 6.7             | 63.2                     | nom. max., #100 and #200 sieves.                     |
| #16          |            | 2.1      | 3.           | 0               | 69.4                | 28.1                    | 8.6             | 71.9                     | *% Retained must be at least 4% for e                |
| #30          |            | 2.0      | 2.           | 4               | 44.5                | 18.4                    | 9.7             | 81.6                     | nom. max., #100 and #200 sieves.                     |
| #50          |            | 1.8      | 2.           | 2               | 14.3                | 6.7                     | 11.7            | 93.3                     | *% Retained must be at least 8% for the              |
| #100         |            | 1.7      | 2.           | -               | 2.7                 | 2.1                     | 4.5             | 97.9                     | a 2" max. size (nom. Max. 1.5") aggreg               |
| LBW          |            | 1.4      | 2.           | 0               | 0.2                 | 1.0                     | 1.1             | 99.0                     | ]  |



li-Mix

Mile Rd. ills, MI 48336

ve the 3/8" sieve. I 10% except max., each sieve except max., the 1" sieve when egate is used.



| Intial Production Sample (IPS) |                  |          |            |  |  |  |  |  |
|--------------------------------|------------------|----------|------------|--|--|--|--|--|
| Coar                           | seness Factor:   | 67       |            |  |  |  |  |  |
| Wor                            | kability 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       |  |  |  |  |  |
|                                |                  |          |            |  |  |  |  |  |

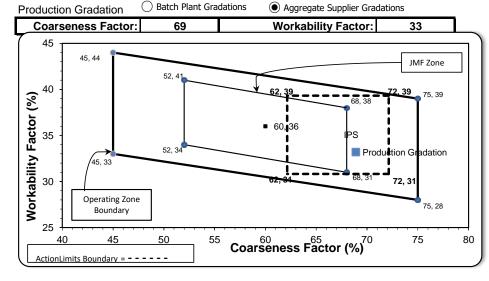
Approved By: Marthe Ball

| PLANT #:         12           Sample Date:         7/31/23           Dates Test Represents:         8/1/2023 |        |              |   |                 |                     | Contractor:             |                 |                          |      |
|--|--------|--------------|---|-----------------|---------------------|-------------------------|-----------------|--------------------------|------|
|  |        | 7/31/23      | 7/31/23 Concrete Grade: <b>P1M, 3500H</b> |                 |                     |                         |                 |                          |      |
|  |        | 8/1/2023     | through                                   |                 |                     |                         | MDOT No.:       |                          |      |
| Agg. Class   | Pit #  | Source       | Weight (SSD)                              | ft <sup>3</sup> | Specific<br>Gravity | %<br>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  | 63-115 | Ray Rd       | 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<br>% Passing | % Retained      | Cumulative<br>% Retained |      |
| 2"   | 1      | 00.0         | 100                                       | 0.0             | 100.0               | 100.0                   | 0.0             | 0.0                      | 1    |
| 1.5"   |        | 94.0         | 100                                       | 0.0             | 100.0               | 98.0                    | 2.0             | 2.0                      | 1    |
| 1"   |        | 46.4         | 100                                       | ).0             | 100.0               | 82.2                    | 15.8            | 17.8                     | 1    |
| 3/4"   |        | 17.6         | 99  | .1              | 100.0               | 72.4                    | 9.8             | 27.6                     | 1    |
| 1/2"   |        | 4.3          | 75  | .7              | 100.0               | 61.5                    | 10.9            | 38.5                     | -    |
| 3/8"   |        | 2.7          | 50  | .5              | 100.0               | 54.0                    | 7.5             | 46.0                     | *M   |
| #4   |        | 2.1          | 9.4                                       | 4               | 96.4                | 41.0                    | 13.0            | 59.0                     | *Ar  |
| #8   |        | 2.0          | 2.  | 7               | 81.3                | 33.2                    | 7.8             | 66.8                     | nom  |
| #16  |        | 1.9          | 1.1                                       | 7               | 66.5                | 27.1                    | 6.1             | 72.9                     | *%   |
| #30  |        | 1.8          | 1.  | 5               | 50.8                | 20.9                    | 6.2             | 79.1                     | nom  |
| #50  |        | 1.8          | 1.4                                       | 4               | 26.3                | 11.3                    | 9.6             | 88.7                     | *%   |
| #100   |        | 1.7          | 1.:                                       |                 | 5.6                 | 3.1                     | 8.2             | 96.9                     | a 2" |
| LBW  |        | 1.3          | 0.  | 8               | 0.9                 | 1.0                     | 2.1             | 99.0                     | 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., bm. max., #100 and #200 sieves. "% Retained must be at least 4% for each sieve except max., bm. 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"                           | 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                           | #100 1.6        |          | 98.4       |  |  |  |  |  |
| LBW                            | 0.9             | 0.8      | 99.1       |  |  |  |  |  |

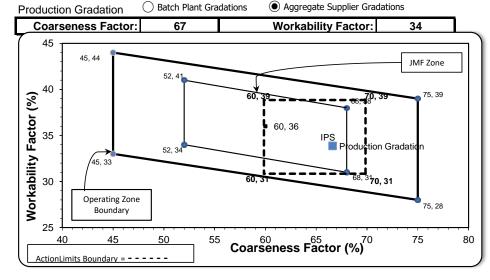
Approved By: Mart 1. Ball

| PLANT #: 20            |       |              |              |                 |                     | Contractor:             |                 |                          |     |
|------------------------|-------|--------------|--------------|-----------------|---------------------|-------------------------|-----------------|--------------------------|-----|
| Sample Date: 7/31/23   |       | 7/31/23      |              |                 | Concrete Grade:     | P1M, 3500HP             |                 |                          |     |
| Dates Test Represents: |       | 8/1/2023     | through      | 8/7/2023        |                     |                         | MDOT No.:       |                          |     |
| Agg. Class             | Pit # | Source       | Weight (SSD) | ft <sup>3</sup> | Specific<br>Gravity | %<br>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                    | 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                  |       | СА           |              | L.              | 2NS                 | Cumulative<br>% Passing | % Retained      | Cumulative<br>% Retained |     |
| 2"                     | 1     | 00.0         | 100          | .0              | 100.0               | 100.0                   | 0.0             | 0.0                      | 1   |
| 1.5"                   | 1     | 94.9         | 100          | .0              | 100.0               | 98.2                    | 1.8             | 1.8                      | 1   |
| 1"                     |       | 48.5         | 100          | .0              | 100.0               | 82.1                    | 16.2            | 17.9                     | 1   |
| 3/4"                   |       | 18.1         | 98.          | 2               | 100.0               | 71.0                    | 11.1            | 29.0                     | 1   |
| 1/2"                   |       | 5.1          | 81.          | 4               | 100.0               | 62.1                    | 8.9             | 37.9                     |     |
| 3/8"                   |       | 3.5          | 60.          | 0               | 100.0               | 55.9                    | 6.1             | 44.1                     | *N  |
| #4                     |       | 2.7          | 11.          | 8               | 94.9                | 41.1                    | 14.8            | 58.9                     | *A  |
| #8                     |       | 2.5          | 3.0          | 6               | 82.0                | 33.9                    | 7.2             | 66.1                     | nor |
| #16                    |       | 2.4          | 2.7          | 7               | 68.6                | 28.4                    | 5.5             | 71.6                     | *9  |
| #30                    |       | 2.2          | 2.5          | 5               | 51.2                | 21.4                    | 6.9             | 78.6                     | nor |
| #50                    |       | 2.1          | 2.4          | 4               | 22.9                | 10.3                    | 11.1            | 89.7                     | *%  |
| #100                   |       | 1.9          | 2.3          |                 | 3.2                 | 2.5                     | 7.8             | 97.5                     | a 2 |
| LBW                    |       | 1.6          | 2.0          | )               | 0.3                 | 1.2                     | 1.3             | 98.8                     | 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., 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 Product | Intial Production Sample (IPS) |          |            |  |  |  |  |  |  |
|----------------|--------------------------------|----------|------------|--|--|--|--|--|--|
| Coar           | seness Factor:                 | 65       |            |  |  |  |  |  |  |
| Wor            | kability 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       |  |  |  |  |  |  |
| LBW            | 1.0                            | 0.6      | 99.0       |  |  |  |  |  |  |

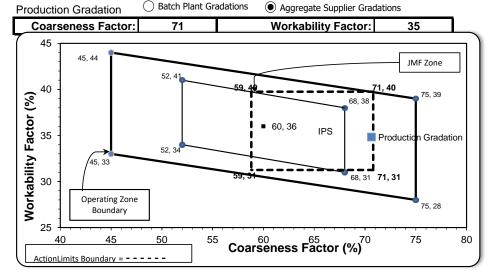
Approved By: Mary P. Ball

| PLANT #                | <b>#:</b> | P11          |              |                 |                     |                         | Contractor:                  |                          |   |
|------------------------|-----------|--------------|--------------|-----------------|---------------------|-------------------------|------------------------------|--------------------------|---|
| Sample Date            | :         | 7/31/23      |              |                 | Concrete Grade:     | P1M, 3500HP             |                              |                          |   |
| Dates Test Represents: |           | 8/1/2023     | through      | 8/7/2023        |                     |                         | MDOT No.:                    |                          |   |
| Agg. Class             | Pit #     | Source       | Weight (SSD) | ft <sup>3</sup> | Specific<br>Gravity | %<br>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                    | 95-013    | Smelter Bay  | 1200         | 7.26            | 2.65                | 39.1                    |                              |                          |   |
|                        |           | Total Wt     | 3070         |                 |                     | 100.0                   | < Verify this number is 100% |                          |   |
| Sieve                  |           | CA           | IA           | L.              | 2NS                 | Cumulative<br>% Passing | % Retained                   | Cumulative<br>% Retained |   |
| 2"                     | 1         | 00.0         | 100          | 0.0             | 100.0               | 100.0                   | 0.0                          | 0.0                      |   |
| 1.5"                   |           | 94.0         | 100          | 0.0             | 100.0               | 98.0                    | 2.0                          | 2.0                      |   |
| 1"                     |           | 46.4         | 100          | 0.0             | 100.0               | 82.2                    | 15.8                         | 17.8                     | 1 |
| 3/4"                   |           | 17.6         | 99.          | .1              | 100.0               | 72.4                    | 9.8                          | 27.6                     | 1 |
| 1/2"                   |           | 4.3          | 75.          | .7              | 100.0               | 61.5                    | 10.9                         | 38.5                     |   |
| 3/8"                   |           | 2.7          | 50.          | .5              | 100.0               | 54.0                    | 7.5                          | 46.0                     |   |
| #4                     |           | 2.1          | 9.4          | 4               | 96.3                | 40.9                    | 13.0                         | 59.1                     |   |
| #8                     |           | 2.0          | 2.           | 7               | 85.5                | 34.8                    | 6.1                          | 65.2                     | n |
| #16                    |           | 1.9          | 1.           | 7               | 70.5                | 28.7                    | 6.2                          | 71.3                     |   |
| #30                    |           | 1.8          | 1.           | 5               | 50.3                | 20.7                    | 8.0                          | 79.3                     | n |
| #50                    |           | 1.8          | 1.4          | 4               | 23.9                | 10.3                    | 10.3                         | 89.7                     |   |
| #100                   |           | 1.7          | 1.:          | 2               | 7.0                 | 3.6                     | 6.7                          | 96.4                     | а |
| LBW                    |           | 1.3          | 0.8          | 8               | 0.7                 | 0.9                     | 2.7                          | 99.1                     | 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., 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:   | 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                            | #50 9.6         |          | 90.4       |  |  |  |  |  |
| #100                           | #100 2.6        |          | 97.4       |  |  |  |  |  |
| LBW                            | 1.0             | 1.6      | 99.0       |  |  |  |  |  |

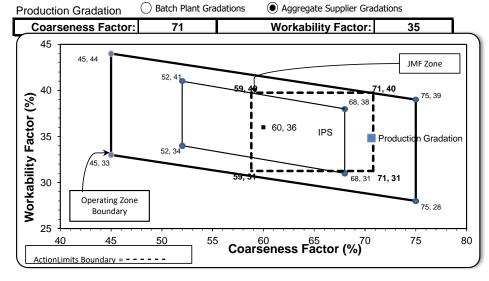
Approved By: Mart 1. Ball

| PLANT #                | #:     | P-32         |              |                 |                     |                         | Contractor:     |                          |     |
|------------------------|--------|--------------|--------------|-----------------|---------------------|-------------------------|-----------------|--------------------------|-----|
| Sample Date            | :      | 7/31/23      |              |                 | Concrete Grade:     | P1M, 3500HP             |                 |                          |     |
| Dates Test Represents: |        | 8/1/2023     | through      | 8/7/2023        |                     |                         | MDOT No.:       |                          |     |
| Agg. Class             | Pit #  | Source       | Weight (SSD) | ft <sup>3</sup> | Specific<br>Gravity | %<br>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                    | 95-013 | Smelter Bay  | 1200         | 7.26            | 2.65                | 39.1                    |                 |                          |     |
|                        |        | Total Wt     | 3070         | 18.70           |                     | 100.0                   | < Verify this n | umber is 100%            |     |
| Sieve                  |        | CA           | 1/           | A               | 2NS                 | Cumulative<br>% Passing | % Retained      | Cumulative<br>% Retained |     |
| 2"                     | 1      | 100.0        | 100          | 0.0             | 100.0               | 100.0                   | 0.0             | 0.0                      |     |
| 1.5"                   |        | 94.0         | 100          | 0.0             | 100.0               | 98.0                    | 2.0             | 2.0                      |     |
| 1"                     |        | 46.4         | 100          | 0.0             | 100.0               | 82.2                    | 15.8            | 17.8                     |     |
| 3/4"                   |        | 17.6         | 99           | 99.1 100.0      | 100.0               | 72.4                    | 9.8             | 27.6                     |     |
| 1/2"                   |        | 4.3          | 75           | .7              | 100.0               | 61.5                    | 10.9            | 38.5                     |     |
| 3/8"                   |        | 2.7          | 50           | .5              | 100.0               | 54.0                    | 7.5             | 46.0                     | *   |
| #4                     |        | 2.1          | 9.           | 4               | 96.3                | 40.9                    | 13.0            | 59.1                     | *,  |
| #8                     |        | 2.0          | 2.           | 7               | 85.5                | 34.8                    | 6.1             | 65.2                     | no  |
| #16                    |        | 1.9          | 1.           | 7               | 70.5                | 28.7                    | 6.2             | 71.3                     | *(  |
| #30                    |        | 1.8          | 1.           | 5               | 50.3                | 20.7                    | 8.0             | 79.3                     | no  |
| #50                    |        | 1.8          | 1.           | 4               | 23.9                | 10.3                    | 10.3            | 89.7                     | *(  |
| #100                   |        | 1.7          | 1.           | 2               | 7.0                 | 3.6                     | 6.7             | 96.4                     | a 2 |
| LBW                    |        | 1.3          | 0.           | 8               | 0.7                 | 0.9                     | 2.7             | 99.1                     |     |



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., 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 Product | ion Sample (IPS  | 5)       |            |
|----------------|------------------|----------|------------|
| Coars          | seness Factor:   | 65       |            |
| Worl           | kability Factor: | 36       |            |
| Sieve          | Cumulative       | %        | Cumulative |
| Sleve          | % 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       |

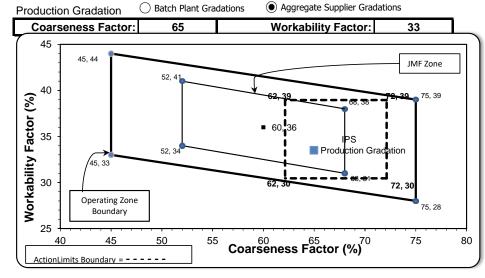
Approved By: Mart P. Ball

| PLANT :                | #:     | P-35          |              |                 |                     |                         | Contractor:     |                          |     |    |    |    |    |    |    |    |    |    |    |    |    |  |    |       |      |     |      |  |
|------------------------|--------|---------------|--------------|-----------------|---------------------|-------------------------|-----------------|--------------------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|--|----|-------|------|-----|------|--|
| Sample Date            | ):     | 7/31/23       |              |                 | Concrete Grade:     | P1M, 3500HP             |                 |                          |     |    |    |    |    |    |    |    |    |    |    |    |    |  |    |       |      |     |      |  |
| Dates Test Represents: |        | 8/1/2023      | through      | 8/7/2023        |                     |                         | MDOT No.:       |                          |     |    |    |    |    |    |    |    |    |    |    |    |    |  |    |       |      |     |      |  |
| Agg. Class             | Pit #  | Source        | Weight (SSD) | ft <sup>3</sup> | Specific<br>Gravity | %<br>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                   | < Verify this n | umber is 100%            |     |    |    |    |    |    |    |    |    |    |    |    |    |  |    |       |      |     |      |  |
| Sieve                  |        | CA            | 14           | A               | 2NS                 | Cumulative<br>% Passing | % Retained      | Cumulative<br>% Retained |     |    |    |    |    |    |    |    |    |    |    |    |    |  |    |       |      |     |      |  |
| 2"                     |        | 100.0         | 100          | 0.0             | 100.0               | 100.0                   | 0.0             | 0.0                      | 1   |    |    |    |    |    |    |    |    |    |    |    |    |  |    |       |      |     |      |  |
| 1.5"                   | 1      | 100.0         | 100          | 0.0             | 100.0               | 100.0                   | 0.0             | 0.0                      |     |    |    |    |    |    |    |    |    |    |    |    |    |  |    |       |      |     |      |  |
| 1"                     |        | 64.7          | 100          | 0.0             | 100.0               | 84.5                    | 15.5            | 15.5                     |     |    |    |    |    |    |    |    |    |    |    |    |    |  |    |       |      |     |      |  |
| 3/4"                   |        | 30.1          | 100          | 0.0             | 100.0               | 69.3                    | 15.2            | 30.7                     |     |    |    |    |    |    |    |    |    |    |    |    |    |  |    |       |      |     |      |  |
| 1/2"                   |        | 15.5          | 94.8         | 94              | 94                  | 94                      | 94              | 94                       | 94  | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 |  | .8 | 100.0 | 62.0 | 7.3 | 38.0 |  |
| 3/8"                   |        | 9.3           | 80           | .8              | 100.0               | 56.8                    | 5.2             | 43.2                     | *N  |    |    |    |    |    |    |    |    |    |    |    |    |  |    |       |      |     |      |  |
| #4                     |        | 3.3           | 20           | .4              | 98.1                | 42.8                    | 14.0            | 57.2                     | *A  |    |    |    |    |    |    |    |    |    |    |    |    |  |    |       |      |     |      |  |
| #8                     |        | 2.4           | 6.           | 0               | 81.6                | 33.5                    | 9.3             | 66.5                     | nor |    |    |    |    |    |    |    |    |    |    |    |    |  |    |       |      |     |      |  |
| #16                    |        | 2.1           | 3.           | 0               | 63.6                | 25.9                    | 7.6             | 74.1                     | *%  |    |    |    |    |    |    |    |    |    |    |    |    |  |    |       |      |     |      |  |
| #30                    |        | 2.0           | 2.           | 4               | 44.7                | 18.5                    | 7.4             | 81.5                     | nor |    |    |    |    |    |    |    |    |    |    |    |    |  |    |       |      |     |      |  |
| #50                    |        | 1.8           | 2.           | 2               | 22.9                | 10.0                    | 8.5             | 90.0                     | *%  |    |    |    |    |    |    |    |    |    |    |    |    |  |    |       |      |     |      |  |
| #100                   |        | 1.7           | 2.           |                 | 6.1                 | 3.4                     | 6.5             | 96.6                     | a 2 |    |    |    |    |    |    |    |    |    |    |    |    |  |    |       |      |     |      |  |
| LBW                    |        | 1.4           | 2.           | 0               | 1.3                 | 1.5                     | 2.0             | 98.5                     |     |    |    |    |    |    |    |    |    |    |    |    |    |  |    |       |      |     |      |  |



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., 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       |
|                   |                 |          |            |

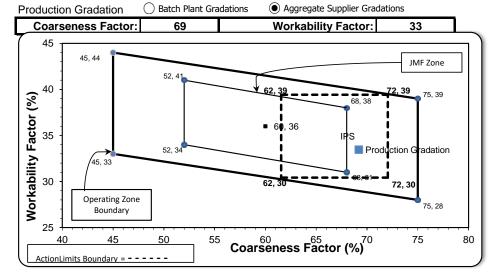
Approved By: Mart 1. Ball

| PLANT #      | <b>#:</b>  | P-36         |                |                 |                 |                         | Contractor:     |                          |     |
|--------------|------------|--------------|----------------|-----------------|-----------------|-------------------------|-----------------|--------------------------|-----|
| Sample Date  | :          | 7/31/23      |                |                 | Concrete Grade: | P1M, 3500HP             |                 |                          |     |
| Dates Test R | epresents: | 8/1/2023     | through        | 8/7/2023        |                 |                         | MDOT No.:       |                          |     |
| Agg. Class   | Pit #      | Source       | Weight (SSD)   | ft <sup>3</sup> | Specific        | %                       |                 |                          |     |
|              |            |              | <b>-</b> · · · |                 | 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           | 14             | A               | 2NS             | Cumulative<br>% Passing | % Retained      | Cumulative<br>% Retained |     |
| 2"           | 1          | 00.0         | 100            | 0.0             | 100.0           | 100.0                   | 0.0             | 0.0                      |     |
| 1.5"         | 9          | 94.0         | 100            | 0.0             | 100.0           | 98.0                    | 2.0             | 2.0                      |     |
| 1"           | 4          | 46.4         | 100            | 0.0             | 100.0           | 82.2                    | 15.8            | 17.8                     |     |
| 3/4"         |            | 17.6         | 99             | .1              | 100.0           | 72.4                    | 9.8             | 27.6                     | 1   |
| 1/2"         |            | 4.3          | 75             | 75.7            | 100.0           | 61.5                    | 10.9            | 38.5                     | 1   |
| 3/8"         |            | 2.7          | 50             | .5              | 100.0           | 54.0                    | 7.5             | 46.0                     | *N  |
| #4           |            | 2.1          | 9.             | 4               | 94.9            | 40.4                    | 13.6            | 59.6                     | *4  |
| #8           |            | 2.0          | 2.             | 7               | 82.0            | 33.5                    | 6.9             | 66.5                     | nor |
| #16          |            | 1.9          | 1.             | 7               | 68.6            | 27.9                    | 5.5             | 72.1                     | *9  |
| #30          |            | 1.8          | 1.             | 5               | 51.2            | 21.0                    | 6.9             | 79.0                     | nor |
| #50          |            | 1.8          | 1.             | 4               | 22.9            | 9.9                     | 11.1            | 90.1                     | *9  |
| #100         |            | 1.7          | 1.             | 2               | 3.2             | 2.1                     | 7.8             | 97.9                     | a 2 |
| LBW          |            | 1.3          | 0.             | 8               | 0.3             | 0.8                     | 1.4             | 99.2                     | 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., 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 Product | Intial Production Sample (IPS) |          |            |  |  |  |  |  |  |
|----------------|--------------------------------|----------|------------|--|--|--|--|--|--|
| Coars          | seness Factor:                 | 67       |            |  |  |  |  |  |  |
| Worl           | 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"             | 85.0                           | 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       |  |  |  |  |  |  |
|                |                                |          |            |  |  |  |  |  |  |

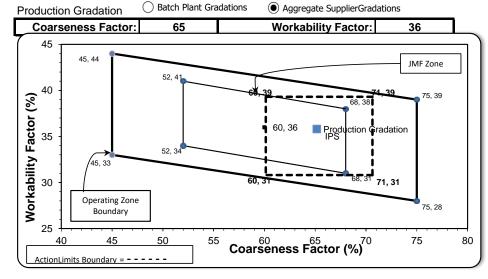
Approved By: Mart 1. Ball

| PLANT #      | <b>#:</b>  | P-39            |              |                 |                     |                         | Contractor:                  |                          |   |
|--------------|------------|-----------------|--------------|-----------------|---------------------|-------------------------|------------------------------|--------------------------|---|
| Sample Date  | :          | 7/31/23         |              |                 | Concrete Grade:     | P1M, 3500HP             |                              |                          |   |
| Dates Test R | epresents: | 8/1/2023        | through      | 8/7/2023        |                     |                         | MDOT No.:                    |                          |   |
| Agg. Class   | Pit #      | Source          | Weight (SSD) | ft <sup>3</sup> | Specific<br>Gravity | %<br>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                   | < Verify this number is 100% |                          |   |
| Sieve        |            | CA              | IA           | A               | 2NS                 | Cumulative<br>% Passing | % Retained                   | Cumulative<br>% Retained |   |
| 2"           |            | 100.0           | 100          | 0.0             | 100.0               | 100.0                   | 0.0                          | 0.0                      | 1 |
| 1.5"         |            | 98.2            | 100          | ).0             | 100.0               | 99.4                    | 0.6                          | 0.6                      |   |
| 1"           |            | 36.5            | 100          | 0.0             | 100.0               | 78.9                    | 20.5                         | 21.1                     |   |
| 3/4"         |            | 10.8            | 98           | .5              | 100.0               | 70.0                    | 8.9                          | 30.0                     | 1 |
| 1/2"         |            | 3.4             | 83           | .2              | 100.0               | 63.5                    | 6.4                          | 36.5                     |   |
| 3/8"         |            | 2.6             | 63           | .7              | 100.0               | 58.2                    | 5.3                          | 41.8                     |   |
| #4           |            | 2.3             | 17           | .3              | 97.7                | 45.1                    | 13.1                         | 54.9                     |   |
| #8           |            | 2.3             | 4.           | 5               | 83.2                | 35.8                    | 9.2                          | 64.2                     | n |
| #16          |            | 2.2             | 2.           | 7               | 67.2                | 28.8                    | 7.0                          | 71.2                     |   |
| #30          |            | 2.1             | 2.           | 3               | 49.3                | 21.4                    | 7.4                          | 78.6                     | n |
| #50          |            | 2.0             | 2.           | 1               | 22.5                | 10.4                    | 11.0                         | 89.6                     |   |
| #100         |            | 1.9             | 1.           | 9               | 6.3                 | 3.7                     | 6.7                          | 96.3                     | а |
| LBW          |            | 1.5             | 1.           | 7               | 1.3                 | 1.5                     | 2.2                          | 98.5                     | 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., 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.



|        |                | )        | _          |
|--------|----------------|----------|------------|
| Coarse | eness Factor:  | 65       |            |
| Worka  | bility 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   | 100 3.5        |          | 96.5       |
| LBW    | 1.2            | 2.4      | 98.8       |

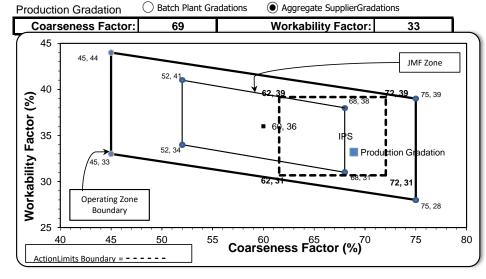
Approved By: Mart 1. Ball

| PLANT :      | #:         | <b>P-O2</b>  |              |                 |                     |                         | Contractor:     |                          |      |  |
|--------------|------------|--------------|--------------|-----------------|---------------------|-------------------------|-----------------|--------------------------|------|--|
| Sample Date  | ):         | 7/31/23      |              |                 | Concrete Grade:     | P1M, 3500HP             |                 |                          |      |  |
| Dates Test R | epresents: | 8/1/2023     | through      | 8/7/2023        |                     |                         | MDOT No.:       |                          |      |  |
| Agg. Class   | Pit #      | Source       | Weight (SSD) | ft <sup>3</sup> | Specific<br>Gravity | %<br>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          | 63-115     | Ray Rd       | 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<br>% Passing | % Retained      | Cumulative<br>% Retained |      |  |
| 2"           | 1          | 00.0         | 10           | 0.0             | 100.0               | 100.0                   | 0.0             | 0.0                      |      |  |
| 1.5"         | 1          | 94.0         | 10           | 0.0             | 100.0               | 98.0                    | 2.0             | 2.0                      | 1    |  |
| 1"           |            | 46.4         | 10           | 0.0             | 100.0               | 82.2                    | 15.8            | 17.8                     | 1    |  |
| 3/4"         |            | 17.6         | 99.          |                 | 99.1                | 100.0                   | 72.4            | 9.8                      | 27.6 |  |
| 1/2"         |            | 4.3          | 75           | 5.7             | 100.0               | 61.5                    | 10.9            | 38.5                     |      |  |
| 3/8"         |            | 2.7          | 50           | ).5             | 100.0               | 54.0                    | 7.5             | 46.0                     | *    |  |
| #4           |            | 2.1          | 9.           | .4              | 96.4                | 41.0                    | 13.0            | 59.0                     | *    |  |
| #8           |            | 2.0          | 2.           | .7              | 81.3                | 33.2                    | 7.8             | 66.8                     | nc   |  |
| #16          |            | 1.9          | 1.           | .7              | 66.5                | 27.1                    | 6.1             | 72.9                     | *    |  |
| #30          |            | 1.8          | 1.           | .5              | 50.8                | 20.9                    | 6.2             | 79.1                     | no   |  |
| #50          |            | 1.8          | 1.           | .4              | 26.3                | 11.3                    | 9.6             | 88.7                     | *    |  |
| #100         |            | 1.7          | 1.           | .2              | 5.6                 | 3.1                     | 8.2             | 96.9                     | а    |  |
| LBW          |            | 1.3          | 0.           | .8              | 0.9                 | 1.0                     | 2.1             | 99.0                     | 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 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"            | 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: Mart 1. Ball