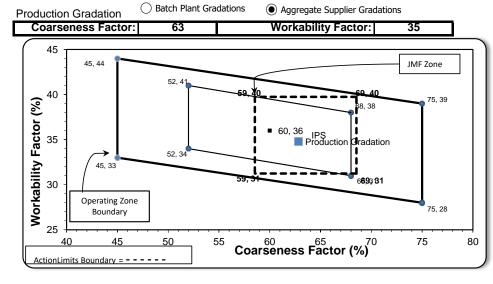
| PLANT :      | #:         | P-101        |              |                 |                     |                         | Contractor:     |                          |      |
|--------------|------------|--------------|--------------|-----------------|---------------------|-------------------------|-----------------|--------------------------|------|
| Sample Date  | ):         | 5/2/22       |              |                 | Concrete Grade:     | S2M, 3500HP             |                 |                          |      |
| Dates Test R | epresents: | 5/3/2022     | through      | 5/9/2022        |                     |                         | MDOT No.:       |                          |      |
| Agg. Class   | Pit #      | Source       | Weight (SSD) | ft <sup>3</sup> | Specific<br>Gravity | %<br>Contribution       |                 |                          |      |
| 6AA          | 71-47      | Presque Isle | 1550         | 9.48            | 2.62                | 50.7                    |                 |                          |      |
| 26A          | 71-47      | Presque Isle | 275          | 1.68            | 2.62                | 9.0                     |                 |                          |      |
| 2NS          | 75-051     | Mid Michigan | 1230         | 7.41            | 2.66                | 40.3                    |                 |                          |      |
|              |            | Total Wt     | 3055         | 18.57           |                     | 100.0                   | < Verify this n | umber is 100%            | _    |
| Sieve        |            | 6AA          | 26           | A               | 2NS                 | Cumulative<br>% Passing | % Retained      | Cumulative<br>% Retained |      |
| 2"           | 1          | 100.0        | 100          | ).0             | 100.0               | 100.0                   | 0.0             | 0.0                      | 1    |
| 1.5"         | 1          | 100.0        | 100          | ).0             | 100.0               | 100.0                   | 0.0             | 0.0                      |      |
| 1"           |            | 99.2         | 100          | ).0             | 100.0               | 99.6                    | 0.4             | 0.4                      | 1    |
| 3/4"         |            | 85.6         | 100          | ).0             | 100.0               | 92.7                    | 6.9             | 7.3                      |      |
| 1/2"         |            | 42.8         | 96           | .4              | 100.0               | 70.7                    | 22.0            | 29.3                     |      |
| 3/8"         |            | 21.8         | 85           | .6              | 100.0               | 59.0                    | 11.6            | 41.0                     | *Ma  |
| #4           |            | 2.9          | 18           | .0              | 98.5                | 42.7                    | 16.3            | 57.3                     | *Ar  |
| #8           |            | 1.6          | 4.           | 9               | 83.3                | 34.8                    | 8.0             | 65.2                     | nom  |
| #16          |            | 1.4          | 2.           | 5               | 68.3                | 28.4                    | 6.4             | 71.6                     | *%   |
| #30          |            | 1.3          | 2.           | 2               | 53.3                | 22.3                    | 6.1             | 77.7                     | nom  |
| #50          |            | 1.3          | 2.           | 0               | 29.2                | 12.6                    | 9.7             | 87.4                     | *%   |
| #100         |            | 1.3          | 1.           | 8               | 7.3                 | 3.8                     | 8.8             | 96.2                     | a 2" |
| LBW          |            | 1.2          | 1.           | 6               | 0.6                 | 1.0                     | 2.8             | 99.0                     | T    |



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 Product | Initial Production Sample (IPS) |          |            |  |  |  |  |  |  |  |
|-----------------|---------------------------------|----------|------------|--|--|--|--|--|--|--|
| Coars           | eness Factor:                   | 64       |            |  |  |  |  |  |  |  |
| Work            | ability Factor:                 | 35       |            |  |  |  |  |  |  |  |
| Sieve           | Cumulative                      | %        | Cumulative |  |  |  |  |  |  |  |
| Sieve           | % Passing                       | Retained | % Retained |  |  |  |  |  |  |  |
| 2"              | 100.0                           | 0.0      | 0.0        |  |  |  |  |  |  |  |
| 1.5"            | 100.0                           | 0.0      | 0.0        |  |  |  |  |  |  |  |
| 1"              | 100.0                           | 0.0      | 0.0        |  |  |  |  |  |  |  |
| 3/4"            | 93.9                            | 6.1      | 6.1        |  |  |  |  |  |  |  |
| 1/2"            | 71.4                            | 22.5     | 28.6       |  |  |  |  |  |  |  |
| 3/8"            | 59.0                            | 12.4     | 41.0       |  |  |  |  |  |  |  |
| #4              | 45.1                            | 13.9     | 54.9       |  |  |  |  |  |  |  |
| #8              | 35.5                            | 9.6      | 64.5       |  |  |  |  |  |  |  |
| #16             | 28.3                            | 7.2      | 71.7       |  |  |  |  |  |  |  |
| #30             | 21.3                            | 6.9      | 78.7       |  |  |  |  |  |  |  |
| #50             | 11.0                            | 10.3     | 89.0       |  |  |  |  |  |  |  |
| #100            | 3.4                             | 7.6      | 96.6       |  |  |  |  |  |  |  |
| LBW             | 1.1                             | 2.3      | 98.9       |  |  |  |  |  |  |  |

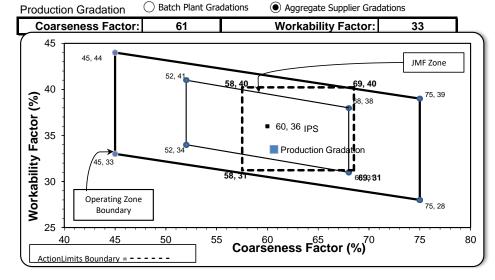
Approved By: Mary P. Ball

| PLANT :      | <b>#:</b>  | P-102         |              |                 |                     |                         | Contractor:     |                          |     |
|--------------|------------|---------------|--------------|-----------------|---------------------|-------------------------|-----------------|--------------------------|-----|
| Sample Date  | :          | 5/2/22        |              |                 | Concrete Grade:     | S2M, 3500HP             |                 |                          |     |
| Dates Test R | epresents: | 5/3/2022      | through      | 5/9/2022        |                     |                         | MDOT No.:       |                          |     |
| Agg. Class   | Pit #      | Source        | Weight (SSD) | ft <sup>3</sup> | Specific<br>Gravity | %<br>Contribution       |                 |                          |     |
| 6AA          | 58-003     | Stoneco       | 1650         | 9.83            | 2.69                | 53.2                    |                 |                          |     |
| 26A          | 58-003     | Stoneco       | 250          | 1.49            | 2.69                | 8.1                     |                 |                          |     |
| 2NS          | 81-019     | Pleasant Lake | 1200         | 7.26            | 2.65                | 38.7                    |                 |                          |     |
|              |            | Total Wt      | 3100         | 18.58           |                     | 100.0                   | < Verify this n | umber is 100%            | _   |
| Sieve        |            | 6AA           | 26           | Α               | 2NS                 | Cumulative<br>% Passing | % Retained      | Cumulative<br>% Retained |     |
| 2"           | ·          | 100.0         | 100          | 0.0             | 100.0               | 100.0                   | 0.0             | 0.0                      |     |
| 1.5"         | 1          | 100.0         | 100          | 0.0             | 100.0               | 100.0                   | 0.0             | 0.0                      | 1   |
| 1"           | 1          | 100.0         | 100          | 0.0             | 100.0               | 100.0                   | 0.0             | 0.0                      |     |
| 3/4"         |            | 85.9          | 100          | 0.0             | 100.0               | 92.5                    | 7.5             | 7.5                      | 1   |
| 1/2"         |            | 48.7          | 99           | .8              | 100.0               | 72.7                    | 19.8            | 27.3                     |     |
| 3/8"         |            | 25.8          | 89           | .6              | 100.0               | 59.7                    | 13.0            | 40.3                     | *1  |
| #4           |            | 5.4           | 11           | .7              | 98.5                | 41.9                    | 17.7            | 58.1                     | */  |
| #8           |            | 1.6           | 3.           | 9               | 83.5                | 33.5                    | 8.5             | 66.5                     | noi |
| #16          |            | 1.2           | 2.           | 7               | 67.7                | 27.1                    | 6.4             | 72.9                     | *0  |
| #30          |            | 1.0           | 2.           | 3               | 51.4                | 20.6                    | 6.4             | 79.4                     | noi |
| #50          |            | 1.0           | 2.           | 1               | 27.5                | 11.3                    | 9.3             | 88.7                     | *0  |
| #100         |            | 0.8           | 2.           |                 | 7.6                 | 3.5                     | 7.8             | 96.5                     | a 2 |
| LBW          |            | 0.6           | 1.           | 9               | 0.9                 | 0.8                     | 2.7             | 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.



|       | on Sample (IPS  | ')       |            |
|-------|-----------------|----------|------------|
| Coars | eness Factor:   | 63       |            |
| Work  | ability Factor: | 36       |            |
| Sieve | Cumulative      | %        | Cumulative |
| Sieve | % Passing       | Retained | % Retained |
| 2"    | 100.0           | 0.0      | 0.0        |
| 1.5"  | 100.0           | 0.0      | 0.0        |
| 1"    | 99.2            | 0.8      | 0.8        |
| 3/4"  | 90.9            | 8.3      | 9.1        |
| 1/2"  | 71.3            | 19.6     | 28.7       |
| 3/8"  | 59.5            | 11.8     | 40.5       |
| #4    | 43.8            | 15.7     | 56.2       |
| #8    | 35.7            | 8.1      | 64.3       |
| #16   | 27.0            | 8.7      | 73.0       |
| #30   | 18.6            | 8.4      | 81.4       |
| #50   | 6.8             | 11.8     | 93.2       |
| #100  | 1.4             | 5.4      | 98.6       |
| LBW   | 0.6             | 0.8      | 99.4       |

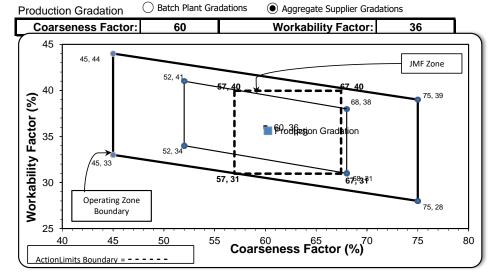
Approved By: Mart 1. Ball

| PLANT #      | <b>#:</b>  | P-32         |              |                 |                     |                         | Contractor:     |                          |
|--------------|------------|--------------|--------------|-----------------|---------------------|-------------------------|-----------------|--------------------------|
| Sample Date  | :          | 5/2/22       |              |                 | Concrete Grade:     | S2M, 3500HP             |                 |                          |
| Dates Test R | epresents: | 5/3/2022     | through      | 5/9/2022        |                     |                         | MDOT No.:       |                          |
| Agg. Class   | Pit #      | Source       | Weight (SSD) | ft <sup>3</sup> | Specific<br>Gravity | %<br>Contribution       |                 |                          |
| 6AA          | 71-47      | Presque Isle | 1520         | 9.30            | 2.62                | 49.8                    |                 |                          |
| 26A          | 71-47      | Presque Isle | 300          | 1.83            | 2.62                | 9.8                     |                 |                          |
| 2NS          | 95-013     | Smelter Bay  | 1230         | 7.44            | 2.65                | 40.3                    |                 |                          |
|              |            | Total Wt     | 3050         | 18.57           |                     | 100.0                   | < Verify this n | umber is 100%            |
| Sieve        |            | 6AA          | 26           | 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"         | 1          | 100.0        | 100          | 0.0             | 100.0               | 100.0                   | 0.0             | 0.0                      |
| 1"           |            | 98.7         | 100          | ).0             | 100.0               | 99.4                    | 0.6             | 0.6                      |
| 3/4"         |            | 85.9         | 100          | ).0             | 100.0               | 93.0                    | 6.4             | 7.0                      |
| 1/2"         |            | 49.1         | 93           | .6              | 100.0               | 74.0                    | 19.0            | 26.0                     |
| 3/8"         | :          | 26.0         | 80           | .6              | 100.0               | 61.2                    | 12.8            | 38.8                     |
| #4           |            | 5.1          | 23           | .5              | 95.5                | 43.4                    | 17.8            | 56.6                     |
| #8           |            | 2.9          | 7.           | 5               | 82.9                | 35.6                    | 7.8             | 64.4                     |
| #16          |            | 2.5          | 3.           | 5               | 68.2                | 29.1                    | 6.5             | 70.9                     |
| #30          |            | 2.4          | 2.           | 6               | 49.6                | 21.5                    | 7.6             | 78.5                     |
| #50          |            | 2.3          | 2.4          | 4               | 24.2                | 11.1                    | 10.3            | 88.9                     |
| #100         |            | 2.2          | 2.           | 3               | 7.1                 | 4.2                     | 7.0             | 95.8                     |
| LBW          |            | 1.9          | 2.           | 0               | 1.6                 | 1.8                     | 2.4             | 98.2                     |



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 Producti | on Sample (IPS  | 5)       | _          |
|-----------------|-----------------|----------|------------|
| Coars           | seness Factor:  | 62       |            |
| Work            | ability Factor: | 35       |            |
| Sieve           | Cumulative      | %        | Cumulative |
| Sieve           | % Passing       | Retained | % Retained |
| 2"              | 100.0           | 0.0      | 0.0        |
| 1.5"            | 100.0           | 0.0      | 0.0        |
| 1"              | 100.0           | 0.0      | 0.0        |
| 3/4"            | 94.0            | 6.0      | 6.0        |
| 1/2"            | 70.2            | 23.7     | 29.8       |
| 3/8"            | 59.9            | 10.4     | 40.1       |
| #4              | 42.7            | 17.2     | 57.3       |
| #8              | 35.5            | 7.2      | 64.5       |
| #16             | 28.4            | 7.0      | 71.6       |
| #30             | 19.2            | 9.2      | 80.8       |
| #50             | 8.9             | 10.3     | 91.1       |
| #100            | 3.1             | 5.9      | 96.9       |
| LBW             | 1.4             | 1.7      | 98.6       |

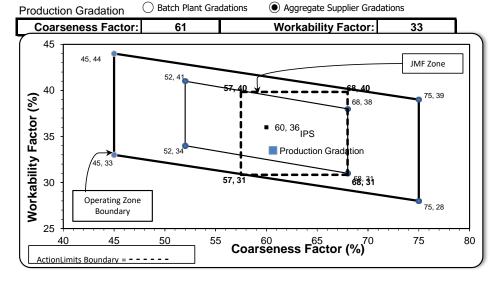
Approved By: Mart 1. Ball

| PLANT :      | #:         | P-35          |              |                 |                     |                         | Contractor:     |                          |
|--------------|------------|---------------|--------------|-----------------|---------------------|-------------------------|-----------------|--------------------------|
| Sample Date  | :          | 5/2/22        |              |                 | Concrete Grade:     | S2M, 3500HP             |                 |                          |
| Dates Test R | epresents: | 5/3/2022      | through      | 5/9/2022        |                     |                         | MDOT No.:       |                          |
| Agg. Class   | Pit #      | Source        | Weight (SSD) | ft <sup>3</sup> | Specific<br>Gravity | %<br>Contribution       |                 |                          |
| 6AA          | 58-003     | Stoneco       | 1650         | 9.83            | 2.69                | 53.2                    |                 |                          |
| 26A          | 58-003     | Stoneco       | 250          | 1.49            | 2.69                | 8.1                     |                 |                          |
| 2NS          | 81-019     | Pleasant Lake | 1200         | 7.26            | 2.65                | 38.7                    |                 |                          |
|              |            | Total Wt      | 3100         | 18.58           |                     | 100.0                   | < Verify this n | umber is 100%            |
| Sieve        |            | 6AA           | 26           | A               | 2NS                 | Cumulative<br>% Passing | % Retained      | Cumulative<br>% Retained |
| 2"           |            | 100.0         | 100          | 0.0             | 100.0               | 100.0                   | 0.0             | 0.0                      |
| 1.5"         | 1          | 100.0         | 100          | ).0             | 100.0               | 100.0                   | 0.0             | 0.0                      |
| 1"           | 1          | 100.0         | 100          | ).0             | 100.0               | 100.0                   | 0.0             | 0.0                      |
| 3/4"         |            | 85.9          | 100          | 0.0             | 100.0               | 92.5                    | 7.5             | 7.5                      |
| 1/2"         |            | 48.7          | 99.          | .8              | 100.0               | 72.7                    | 19.8            | 27.3                     |
| 3/8"         |            | 25.8          | 89.          | .6              | 100.0               | 59.7                    | 13.0            | 40.3                     |
| #4           |            | 5.4           | 11.          | .7              | 98.5                | 41.9                    | 17.7            | 58.1                     |
| #8           |            | 1.6           | 3.9          | 9               | 83.5                | 33.5                    | 8.5             | 66.5                     |
| #16          |            | 1.2           | 2.           | 7               | 67.7                | 27.1                    | 6.4             | 72.9                     |
| #30          |            | 1.0           | 2.3          | 3               | 51.4                | 20.6                    | 6.4             | 79.4                     |
| #50          |            | 1.0           | 2.           | 1               | 27.5                | 11.3                    | 9.3             | 88.7                     |
| #100         |            | 0.8           | 2.0          |                 | 7.6                 | 3.5                     | 7.8             | 96.5                     |
| LBW          |            | 0.6           | 1.9          | 9               | 0.9                 | 0.8                     | 2.7             | 99.2                     |



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:  | 63       |            |
| Worka  | bility Factor: | 35       |            |
| Sieve  | Cumulative     | %        | Cumulative |
| Sieve  | % Passing      | Retained | % Retained |
| 2"     | 100.0          | 0.0      | 0.0        |
| 1.5"   | 100.0          | 0.0      | 0.0        |
| 1"     | 99.2           | 0.8      | 0.8        |
| 3/4"   | 90.9           | 8.3      | 9.1        |
| 1/2"   | 71.3           | 19.6     | 28.7       |
| 3/8"   | 59.4           | 11.9     | 40.6       |
| #4     | 43.0           | 16.5     | 57.0       |
| #8     | 35.3           | 7.6      | 64.7       |
| #16    | 28.2           | 7.1      | 71.8       |
| #30    | 21.6           | 6.6      | 78.4       |
| #50    | 9.1            | 12.5     | 90.9       |
| #100   | 1.7            | 7.4      | 98.3       |
| LBW    | 1.1            | 0.6      | 98.9       |

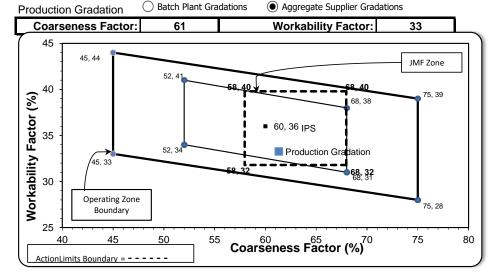
Approved By: Mart P. Ball

| PLANT #      | #:         | P-39            |              |                 |                     |                         | Contractor:     |                          |      |
|--------------|------------|-----------------|--------------|-----------------|---------------------|-------------------------|-----------------|--------------------------|------|
| Sample Date  | :          | 5/2/22          |              |                 | Concrete Grade:     | S2M, 3500HP             |                 |                          |      |
| Dates Test R | epresents: | 5/3/2022        | through      | 5/9/2022        |                     |                         | MDOT No.:       |                          |      |
| Agg. Class   | Pit #      | Source          | Weight (SSD) | ft <sup>3</sup> | Specific<br>Gravity | %<br>Contribution       |                 |                          |      |
| 6AA          | 71-47      | Presque Isle    | 1550         | 9.48            | 2.62                | 50.8                    |                 |                          |      |
| 26A          | 71-47      | Presque Isle    | 250          | 1.53            | 2.62                | 8.2                     |                 |                          |      |
| 2NS          | 44-051     | Krake Willis Rd | 1250         | 7.56            | 2.65                | 41.0                    |                 |                          |      |
|              |            | Total Wt        | 3050         | 18.57           |                     | 100.0                   | < Verify this n | umber is 100%            | _    |
| Sieve        |            | 6AA             | 26           | A               | 2NS                 | Cumulative<br>% Passing | % Retained      | Cumulative<br>% Retained |      |
| 2"           |            | 100.0           | 100          | 0.0             | 100.0               | 100.0                   | 0.0             | 0.0                      |      |
| 1.5"         |            | 100.0           | 100          | 0.0             | 100.0               | 100.0                   | 0.0             | 0.0                      |      |
| 1"           |            | 99.2            | 100          | 0.0             | 100.0               | 99.6                    | 0.4             | 0.4                      |      |
| 3/4"         |            | 85.6            | 100          | 0.0             | 100.0               | 92.7                    | 6.9             | 7.3                      |      |
| 1/2"         |            | 42.8            | 96.          | .4              | 100.0               | 70.6                    | 22.0            | 29.4                     |      |
| 3/8"         |            | 21.8            | 85.          | .6              | 100.0               | 59.1                    | 11.6            | 40.9                     | *M   |
| #4           |            | 2.9             | 18.          | .0              | 96.4                | 42.5                    | 16.6            | 57.5                     | *Ar  |
| #8           |            | 1.6             | 4.9          | 9               | 78.2                | 33.3                    | 9.2             | 66.7                     | nom  |
| #16          |            | 1.4             | 2.           | 5               | 62.2                | 26.4                    | 6.9             | 73.6                     | *%   |
| #30          |            | 1.3             | 2.2          | 2               | 46.2                | 19.8                    | 6.6             | 80.2                     | nom  |
| #50          |            | 1.3             | 2.0          | 0               | 25.1                | 11.1                    | 8.7             | 88.9                     | *%   |
| #100         |            | 1.3             | 1.8          |                 | 8.4                 | 4.3                     | 6.9             | 95.7                     | a 2" |
| LBW          |            | 1.2             | 1.0          | 6               | 1.0                 | 1.2                     | 3.1             | 98.8                     |      |



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

Maximum % Retained must be above the 3/8" sieve. Any two adjacent sieves must equal 10% except max., 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:   | 63       |            |
| Work            | ability Factor: | 36       |            |
| Sieve           | Cumulative      | %        | Cumulative |
| Sieve           | % Passing       | Retained | % Retained |
| 2"              | 100.0           | 0.0      | 0.0        |
| 1.5"            | 100.0           | 0.0      | 0.0        |
| 1"              | 100.0           | 0.0      | 0.0        |
| 3/4"            | 89.8            | 10.2     | 10.2       |
| 1/2"            | 70.7            | 19.1     | 29.3       |
| 3/8"            | 59.6            | 11.1     | 40.4       |
| #4              | 43.2            | 16.4     | 56.8       |
| #8              | 35.8            | 7.4      | 64.2       |
| #16             | 29.2            | 6.6      | 70.8       |
| #30             | 21.4            | 7.8      | 78.6       |
| #50             | 9.8             | 11.6     | 90.2       |
| #100            | 3.7             | 6.1      | 96.3       |
| LBW             | 1.2             | 2.5      | 98.8       |

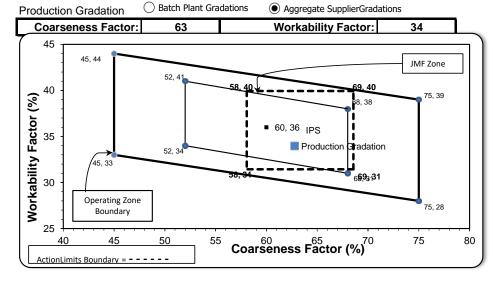
Approved By: Mary 1. Ball

| PLANT #      | <b>#:</b>  | <b>P-O2</b>  |              |                 |                     |                         | Contractor:     |                          |     |
|--------------|------------|--------------|--------------|-----------------|---------------------|-------------------------|-----------------|--------------------------|-----|
| Sample Date  | :          | 5/2/22       |              |                 | Concrete Grade:     | S2M, 3500HP             |                 |                          |     |
| Dates Test R | epresents: | 5/3/2022     | through      | 5/9/2022        |                     |                         | MDOT No.:       |                          |     |
| Agg. Class   | Pit #      | Source       | Weight (SSD) | ft <sup>3</sup> | Specific<br>Gravity | %<br>Contribution       |                 |                          |     |
| 6AA          | 71-47      | Presque Isle | 1450         | 8.87            | 2.62                | 47.5                    |                 |                          |     |
| 26A          | 71-47      | Presque Isle | 350          | 2.14            | 2.62                | 11.5                    |                 |                          |     |
| 2NS          | 63-115     | Ray Rd       | 1250         | 7.56            | 2.65                | 41.0                    |                 |                          |     |
|              |            | Total Wt     | 3050         | 18.57           |                     | 100.0                   | < Verify this n | umber is 100%            | _   |
| Sieve        |            | 6AA          | 26           | 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"         | 1          | 100.0        | 100          | 0.0             | 100.0               | 100.0                   | 0.0             | 0.0                      |     |
| 1"           | 1          | 99.5         | 100          | 0.0             | 100.0               | 99.8                    | 0.2             | 0.2                      |     |
| 3/4"         |            | 83.8         | 100          | 0.0             | 100.0               | 92.3                    | 7.5             | 7.7                      | 1   |
| 1/2"         |            | 37.4         | 93           | .6              | 100.0               | 69.5                    | 22.8            | 30.5                     |     |
| 3/8"         |            | 17.5         | 80           | .6              | 100.0               | 58.6                    | 11.0            | 41.4                     | *   |
| #4           |            | 3.2          | 23           | .5              | 96.4                | 43.7                    | 14.8            | 56.3                     | */  |
| #8           |            | 2.4          | 7.           | 5               | 78.0                | 34.0                    | 9.8             | 66.0                     | no  |
| #16          |            | 2.1          | 3.           | 5               | 61.3                | 26.5                    | 7.4             | 73.5                     | *(  |
| #30          |            | 2.0          | 2.           | 6               | 45.7                | 20.0                    | 6.5             | 80.0                     | no  |
| #50          |            | 2.0          | 2.           | 4               | 23.8                | 11.0                    | 9.0             | 89.0                     | *0  |
| #100         |            | 1.9          | 2.           |                 | 4.5                 | 3.0                     | 8.0             | 97.0                     | a 2 |
| LBW          |            | 1.5          | 2.           | 0               | 0.9                 | 1.3                     | 1.7             | 98.7                     | 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 Product | tion Sample (IPS | 5)       | _          |
|----------------|------------------|----------|------------|
| Coar           | seness Factor:   | 63       |            |
| Wor            | kability Factor: | 36       |            |
| Sieve          | Cumulative       | %        | Cumulative |
| Sieve          | % Passing        | Retained | % Retained |
| 2"             | 100.0            | 0.0      | 0.0        |
| 1.5"           | 100.0            | 0.0      | 0.0        |
| 1"             | 100.0            | 0.0      | 0.0        |
| 3/4"           | 95.6             | 4.4      | 4.4        |
| 1/2"           | 73.1             | 22.6     | 26.9       |
| 3/8"           | 59.3             | 13.8     | 40.7       |
| #4             | 42.8             | 16.5     | 57.2       |
| #8             | 35.7             | 7.1      | 64.3       |
| #16            | 28.9             | 6.8      | 71.1       |
| #30            | 20.7             | 8.2      | 79.3       |
| #50            | 9.9              | 10.8     | 90.1       |
| #100           | 2.1              | 7.8      | 97.9       |
| LBW            | 0.9              | 1.2      | 99.1       |

Approved By: Nat 1. Ball