

# REPORT OF QUALITY ASSURANCE TESTING

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|                                            |  |                       |  |                                               |  |                                                                      |  |                               |  |                            |  |                                |  |
|--------------------------------------------|--|-----------------------|--|-----------------------------------------------|--|----------------------------------------------------------------------|--|-------------------------------|--|----------------------------|--|--------------------------------|--|
| CONTROL SECTION<br>HMA Resurfacing         |  | JOB NUMBER<br>PW-7023 |  | PROJECT LOCATION<br>Conner Street             |  | MIX DESIGN NO<br>19MD411                                             |  | MIXTURE TYPE<br>5E3           |  | DATE SAMPLED<br>11/19/20   |  | DATE TESTED<br>11/24/20        |  |
| CONTRACTOR<br>AJAX Paving Industries, Inc. |  |                       |  |                                               |  | PLANT NUMBER<br>020-10                                               |  | PLANT LOCATION<br>Warren      |  |                            |  | SUBLOT SIZE                    |  |
| PROJECT ENGINEER<br>Richard T. Doherty     |  |                       |  | NAME OF TESTER (Please Print)<br>Brian Gondek |  |                                                                      |  | QUALIFICATION NO.<br>383-0421 |  | LOT NUMBER<br>2            |  | SUB LOT NUMBER<br>2 PM         |  |
| Gb<br>1.029                                |  | Gsb<br>2.696          |  | Gse<br>2.763                                  |  | NAME OF TESTER (Signature)<br>Brian J. Gondek<br>Dec 17 2020 2:33 PM |  |                               |  | FORM 1911 DATE<br>04/14/20 |  | SUBLOT RANDOM TONS<br>1,329.00 |  |
| ACCUMULATED TONS                           |  |                       |  |                                               |  |                                                                      |  |                               |  |                            |  |                                |  |

| TEST RESULTS       |        |        |       |                        |                          |      | TEST RESULTS                                                                     |          |       |                                     |                        |                          |             |
|--------------------|--------|--------|-------|------------------------|--------------------------|------|----------------------------------------------------------------------------------|----------|-------|-------------------------------------|------------------------|--------------------------|-------------|
|                    | JMF    | MDOT   | CONTR | MDOT<br>DIFF.<br>JMF * | MDOT<br>DIFF.<br>CONTR * | TOL  |                                                                                  | JMF      | MDOT  | CONTR                               | MDOT<br>DIFF.<br>JMF * | MDOT<br>DIFF.<br>CONTR * | TOL         |
| P 1-½" (37.5 mm)   | 100.00 | 100.00 |       | 0.00                   | 100.00                   | 5.0  | ASPHALT %                                                                        | 6.15     | 5.97  |                                     | -0.18                  | 5.97                     | +0.40/-0.30 |
| P 1" (25.0 mm)     | 100.00 | 100.00 |       | 0.00                   | 100.00                   | 5.0  | Gmm                                                                              | 2.504    | 2.489 |                                     | -0.015                 | 2.489                    |             |
| P ¾" (19.0 mm)     | 100.00 | 100.00 |       | 0.00                   | 100.00                   | 5.0  | Gmb @ N DESIGN                                                                   | 2.416    |       |                                     |                        |                          |             |
| P ½" (12.5 mm)     | 100.00 | 100.00 |       | 0.00                   | 100.00                   | 5.0  | AIR VOIDS                                                                        | 3.50     |       |                                     |                        |                          |             |
| P 3/8" (9.5 mm)    | 99.50  | 99.26  |       | -0.24                  | 99.26                    | 5.0  | VMA                                                                              | 15.90    |       |                                     |                        |                          |             |
| P No. 4 (4.75 mm)  | 83.50  | 83.15  |       | -0.35                  | 83.15                    | 5.0  | VFA                                                                              | 77.99    |       |                                     |                        |                          |             |
| P No. 8 (2.36 mm)  | 62.20  | 66.35  |       | 4.15                   | 66.35                    | 5.0  | F/A RATIO                                                                        | 1.17     |       |                                     |                        |                          |             |
| P No. 16 (1.18 mm) | 46.40  | 52.37  |       | 5.97                   | 52.37                    |      | Gse                                                                              |          |       |                                     |                        |                          |             |
| P No. 30 (600 µm)  | 34.80  | 35.16  |       | 0.36                   | 35.16                    | 4.0  |                                                                                  | GRADE    |       | CERTIFIED SUPPLIER / LOCATION/CERT# |                        |                          | % ADD       |
| P No. 50 (300 µm)  | 18.20  | 15.47  |       | -2.73                  | 15.47                    |      | ASPHALT BINDER                                                                   | PG 58-28 |       | Ajax Asphalt Terinal Detroit 2500   |                        |                          | 4.54        |
| P No. 100 (150 µm) | 10.20  | 8.99   |       | -1.21                  | 8.99                     |      | Gmb WEIGHTS/COMPACTION TEMPERATURE                                               |          |       |                                     |                        |                          |             |
| P No. 200 (75 µm)  | 6.20   | 6.63   |       | 0.43                   | 6.63                     | 1.0  | NUMBER OF SOLVENT WASHES (When using the vacuum extraction method for Asphalt %) |          |       |                                     |                        |                          |             |
| CRUSH – 1 FACE     | 97.7   | 97.4   |       | -0.3                   | 97.4                     | 10.0 |                                                                                  |          |       |                                     |                        |                          |             |
| CRUSH – 2 FACE     |        |        |       |                        |                          |      |                                                                                  |          |       |                                     |                        |                          |             |

REMARKS Sampled at 2222 Conner @ 1:25 PM

\* CIRCLE TEST RESULTS OUT OF TOLERANCE