

# REPORT OF QUALITY ASSURANCE TESTING

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|                                        |                       |                                               |                                                                      |                               |                            |                              |
|----------------------------------------|-----------------------|-----------------------------------------------|----------------------------------------------------------------------|-------------------------------|----------------------------|------------------------------|
| CONTROL SECTION<br>N/A                 | JOB NUMBER<br>PW-7005 | PROJECT LOCATION<br>Kercheval Streetscape     | MIX DESIGN NO<br>30409                                               | MIXTURE TYPE<br>5E3           | DATE SAMPLED<br>12/07/20   | DATE TESTED<br>12/16/20      |
| CONTRACTOR<br>Cadillac Asphalt, L.L.C. |                       |                                               | PLANT NUMBER<br>40-03                                                | PLANT LOCATION<br>Dix Plant   |                            | SUBLOT SIZE                  |
| PROJECT ENGINEER<br>Richard T. Doherty |                       | NAME OF TESTER (Please Print)<br>Brian Gondek |                                                                      | QUALIFICATION NO.<br>383-0421 | LOT NUMBER<br>12           | SUB LOT NUMBER<br>1 AM       |
| Gb<br>1.028                            | Gsb<br>2.680          | Gse<br>2.702                                  | NAME OF TESTER (Signature)<br>Brian J. Gondek<br>Dec 17 2020 1:53 PM |                               | FORM 1911 DATE<br>03/24/20 | SUBLOT RANDOM TONS<br>187.00 |
| 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   | ASPHALT %                                                                        | 5.62  | 5.39  |                                     | -0.23                  | 5.39                     | 0.40/-0.30 |
| P 1" (25.0 mm)     | 100.00 | 100.00 |       | 0.00                   | 100.00                   | 5   | Gmm                                                                              | 2.475 | 2.482 |                                     | 0.007                  | 2.482                    |            |
| P ¾" (19.0 mm)     | 100.00 | 100.00 |       | 0.00                   | 100.00                   | 5   | Gmb @ N DESIGN                                                                   | 2.388 |       |                                     |                        |                          |            |
| P ½" (12.5 mm)     | 100.00 | 100.00 |       | 0.00                   | 100.00                   | 5   | AIR VOIDS                                                                        | 3.50  |       |                                     |                        |                          |            |
| P 3/8" (9.5 mm)    | 98.60  | 98.21  |       | -0.39                  | 98.21                    | 5   | VMA                                                                              | 15.90 |       |                                     |                        |                          |            |
| P No. 4 (4.75 mm)  | 81.60  | 81.65  |       | 0.05                   | 81.65                    | 5   | VFA                                                                              | 81.03 |       |                                     |                        |                          |            |
| P No. 8 (2.36 mm)  | 60.90  | 64.39  |       | 3.49                   | 64.39                    | 5   | F/A RATIO                                                                        | 1.16  |       |                                     |                        |                          |            |
| P No. 16 (1.18 mm) | 44.10  | 50.54  |       | 6.44                   | 50.54                    |     | Gse                                                                              |       |       |                                     |                        |                          |            |
| P No. 30 (600 µm)  | 31.50  | 35.28  |       | 3.78                   | 35.28                    | 4   |                                                                                  | GRADE |       | CERTIFIED SUPPLIER / LOCATION/CERT# |                        |                          | % ADD      |
| P No. 50 (300 µm)  | 17.20  | 16.13  |       | -1.07                  | 16.13                    |     | ASPHALT BINDER                                                                   |       |       |                                     |                        |                          |            |
| P No. 100 (150 µm) | 8.30   | 7.76   |       | -0.54                  | 7.76                     |     | Gmb WEIGHTS/COMPACTION TEMPERATURE                                               |       |       |                                     |                        |                          |            |
| P No. 200 (75 µm)  | 5.40   | 6.25   |       | 0.85                   | 6.25                     | 1   | NUMBER OF SOLVENT WASHES (When using the vacuum extraction method for Asphalt %) |       |       |                                     |                        |                          |            |
| CRUSH – 1 FACE     | 96.5   | 97.3   |       | 0.8                    | 97.3                     | 10  |                                                                                  |       |       |                                     |                        |                          |            |
| CRUSH – 2 FACE     |        |        |       |                        |                          |     |                                                                                  |       |       |                                     |                        |                          |            |

REMARKS Sampled at Kercheval &amp; Sheridan @ 11:05 AM

\* CIRCLE TEST RESULTS OUT OF TOLERANCE