

Clear Form

Michigan Department  
Of Transportation  
1903B (05/15)

# REPORT OF QUALITY ASSURANCE TESTING

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File 208

|                                        |                       |                                               |                                                                      |                               |                          |                             |
|----------------------------------------|-----------------------|-----------------------------------------------|----------------------------------------------------------------------|-------------------------------|--------------------------|-----------------------------|
| CONTROL SECTION<br>N/A                 | JOB NUMBER<br>PW-7005 | PROJECT LOCATION<br>Kercheval Streetscape     | MIX DESIGN NO<br>30382                                               | MIXTURE TYPE<br>4E3           | DATE SAMPLED<br>06/29/20 | DATE TESTED<br>07/25/20     |
| CONTRACTOR<br>Cadillac Asphalt, L.L.C. |                       |                                               | PLANT NUMBER<br>20-07                                                | PLANT LOCATION<br>Dix Plant   |                          | SUBLOT SIZE                 |
| PROJECT ENGINEER<br>Richard Doherty    |                       | NAME OF TESTER (Please Print)<br>Brian Gondek |                                                                      | QUALIFICATION NO.<br>383-0421 | LOT NUMBER<br>4          | SUB LOT NUMBER<br>1 AM      |
| Gb<br>1.028                            | Gsb<br>2.670          | Gse<br>2.702                                  | NAME OF TESTER (Signature)<br>Brian J. Gondek<br>Aug 14 2020 2:38 PM |                               | FORM 1911 DATE           | SUBLOT RANDOM TONS<br>95.00 |
| 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 %                                                                        | 5.40  | 5.35                              |       | -0.05                 | 5.35                    | +0.40/-0.3 |
| P 1" (25.0 mm)     | 100.00 | 100.00 |       | 0.00                  | 100.00                  | 5.0  | Gmm                                                                              | 2.484 | 2.491                             |       | 0.007                 | 2.491                   |            |
| P ¾" (19.0 mm)     | 100.00 | 100.00 |       | 0.00                  | 100.00                  | 5.0  | Gmb @ N DESIGN                                                                   | 2.397 |                                   |       |                       |                         |            |
| P ½" (12.5 mm)     | 93.40  | 93.60  |       | 0.20                  | 93.60                   | 5.0  | AIR VOIDS                                                                        | 3.50  |                                   |       |                       |                         |            |
| P 3/8" (9.5 mm)    | 86.10  | 86.89  |       | 0.79                  | 86.89                   | 5.0  | VMA                                                                              | 15.06 |                                   |       |                       |                         |            |
| P No. 4 (4.75 mm)  | 76.30  | 79.07  |       | 2.77                  | 79.07                   | 5.0  | VFA                                                                              | 76.80 |                                   |       |                       |                         |            |
| P No. 8 (2.36 mm)  | 57.40  | 58.79  |       | 1.39                  | 58.79                   | 5.0  | F/A RATIO                                                                        | 1.13  |                                   |       |                       |                         |            |
| P No. 16 (1.18 mm) | 42.50  | 41.50  |       | -1.00                 | 41.50                   |      |                                                                                  | GRADE | CERTIFIED SUPPLIER/LOCATION/CERT# |       |                       |                         | % ADD      |
| P No. 30 (600 µm)  | 31.10  | 27.17  |       | -3.93                 | 27.17                   | 4.0  | ASPHALT BINDER                                                                   |       |                                   |       |                       |                         |            |
| P No. 50 (300 µm)  | 17.10  | 14.38  |       | -2.72                 | 14.38                   |      | Gmb WEIGHTS/COMPACTION TEMPERATURE                                               |       |                                   |       |                       |                         |            |
| P No. 100 (150 µm) | 9.00   | 8.46   |       | -0.54                 | 8.46                    |      |                                                                                  |       |                                   |       |                       |                         |            |
| P No. 200 (75 µm)  | 5.40   | 6.17   |       | 0.77                  | 6.17                    | 1.0  | NUMBER OF SOLVENT WASHES (When using the vacuum extraction method for Asphalt %) |       |                                   |       |                       |                         |            |
| CRUSH – 1 FACE     | 92.6   | 95.0   |       | 2.4                   | 95.0                    | 10.0 |                                                                                  |       |                                   |       |                       |                         |            |
| CRUSH – 2 FACE     |        |        |       |                       |                         |      |                                                                                  |       |                                   |       |                       |                         |            |

REMARKS Sampled at 133+00 at 2:45 PM

\*CIRCLE TEST RESULTS OUT OF TOLERANCE