

Michigan Department  
of Transportation  
1903C (05/15)

## DAILY REPORT OF CONTRACTORS QUALITY CONTROL TESTS

DISTRIBUTION: ORIGINAL - Project Engineer, COPIES -

|                                        |                       |                                                   |                                     |                                                                                                                                            |                             |                                   |
|----------------------------------------|-----------------------|---------------------------------------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------------|
| CONTROL SECTION<br>STU 82000           | JOB NUMBER<br>205935A | PROJECT LOCATION<br>Various Route In Detroit      | MIX DESIGN NUMBER<br>19MD 140       | MIXTURE TYPE<br>5E 3                                                                                                                       | DATE SAMPLED<br>11/9/2019   | DATE TESTED<br>11/10/2019         |
| CONTRACTOR<br>AJAX PAVING INDUSTRIES   |                       | PLANT No.<br>20-10                                | PLANT LOCATION<br>26400 SHERWOOD RD |                                                                                                                                            | Form 1911 DATE<br>9/30/2019 |                                   |
| PROJECT ENGINEER<br>Richard T. Doherty |                       | NAME OF TESTER(Please print)<br>Jesus Soto Sancen |                                     | NAME OF TESTER (SIGNATURE)<br><b>Jesus Sancen</b><br><small>Digitally signed by Jesus Sancen<br/>Date: 2019.11.10 12:22:12 -05'00'</small> |                             | QUALIFICATION NUMBER<br>0664-0520 |
| GB<br>1.029                            | Gsb<br>2.696          | Gse<br>2.763                                      | SUBLOT SIZE<br>1000                 | LOT NO<br>2                                                                                                                                | SUBLOT NO<br>6              | SUBLOT RANDOM<br>TONS 1576.12     |
|                                        |                       |                                                   |                                     |                                                                                                                                            |                             | ACCUMULATED TONS<br>0.00          |

| TEST RESULTS       |         |         |        |           |           |      | TEST RESULTS   |       |       |        |                |                |  |
|--------------------|---------|---------|--------|-----------|-----------|------|----------------|-------|-------|--------|----------------|----------------|--|
|                    | JMF     | CONTR   | DEV.   | Range 1   | Range 2   | AGG. |                | JMF   | CONTR | DEV.   | Range 1        | Range 2        |  |
| P 1 1/2" (37.5mm)  | 100.00% | 100.00% | 0.00%  |           |           |      | ASPHALT %      | 6.15% | 5.99% | -0.16% | +/- 0.50       | +/- 0.75       |  |
| P 1" (25.0mm)      | 100.00% | 100.00% | 0.00%  |           |           |      | Gmm            | 2.504 |       |        | +/- 0.013      | +/- 0.020      |  |
| P 3/4" (19.0mm)    | 100.00% | 100.00% | 0.00%  |           |           |      | Gmb @ N DESIGN | 2.416 |       |        |                |                |  |
| P 1/2" (12.5mm)    | 100.00% | 99.59%  | -0.41% |           |           |      | AIR VOIDS      | 3.50% |       |        | + 2.11 - 3.89  | +/-2.10 3.90   |  |
| P 3/8" (9.5mm)     | 99.50%  | 98.91%  | -0.59% | +/- 8.00  | +/- 10.00 |      | VMA            | 15.90 |       |        | +/-15.11 16.89 | +/-15.10 16.90 |  |
| P No. 4 (4.75mm)   | 83.50%  | 81.71%  | -1.79% | +/- 6.00  | +/- 8.00  |      | VFA            | 77.99 |       |        |                |                |  |
| P No. 8 (2.36mm)   | 62.20%  | 63.38%  | 1.18%  | +/- 6.00  | +/- 8.00  |      | F/A RATIO      | 1.17  |       |        | +/-0.60 1.40   | +/-0.60 1.40   |  |
| P No. 16 (1.18mm)  | 46.40%  | 49.19%  | 2.79%  |           |           |      |                |       |       |        |                |                |  |
| P No. 30 (600 Um)  | 34.80%  | 36.43%  | 1.63%  | +/- 4.00  | +/- 6.00  |      |                |       |       |        |                |                |  |
| P No. 50 (300 Um)  | 18.20%  | 19.02%  | 0.82%  |           |           |      |                |       |       |        |                |                |  |
| P No. 100 (150 Um) | 10.20%  | 9.06%   | -1.14% |           |           |      |                |       |       |        |                |                |  |
| P No. 200 (75 Um)  | 6.20%   | 6.07%   | -0.13% | +/- 1.00  | +/- 2.00  |      |                |       |       |        |                |                |  |
| CRUSH - 1 FACE     | 97.70%  | 97.70%  | 0.00%  | +/- 10.00 | +/- 15.00 |      |                |       |       |        |                |                |  |
| CRUSH - 2 FACE     | 0.00%   | 0.00%   | 0.00%  |           |           |      |                |       |       |        |                |                |  |

  

|                                                                                  |          |                                   |                |
|----------------------------------------------------------------------------------|----------|-----------------------------------|----------------|
|                                                                                  | GRADE    | Certified Supplier/Location/CERT# | % ADD          |
| ASPHALT BINDER                                                                   | PG 58-28 | Ajax Asphalt Terminal Detroit     | ABS.2500 4.55% |
| GYRATORY WEIGHTS/COMPACTION TEMPERATURE                                          |          |                                   |                |
| MARSHALL WEIGHTS/COMPACTION TEMPERATURE                                          |          |                                   |                |
| NUMBER OF SOLVENT WASHES (When using the vacuum extraction method for Asphalt %) |          |                                   |                |
| <input style="width: 100px; height: 20px;" type="text"/>                         |          |                                   |                |

REMARKS

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\*CIRCLE TEST RESULTS THAT ARE OUT OF LIMITS.