

Michigan Department  
of Transportation  
1903C (05/15)

## DAILY REPORT OF CONTRACTORS QUALITY CONTROL TESTS

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|                                        |                       |                                                   |                                     |                                                                                                                                            |                             |                                   |
|----------------------------------------|-----------------------|---------------------------------------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------------|
| CONTROL SECTION<br>STU 82000           | JOB NUMBER<br>205935A | PROJECT LOCATION<br>Various Route in City of      | MIX DESIGN NUMBER<br>18MD 276       | MIXTURE TYPE<br>4E 3                                                                                                                       | DATE SAMPLED<br>10/9/2019   | DATE TESTED<br>10/10/2019         |
| 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: 2019.10.10 12:35:03 -04'00'</small> |                             | QUALIFICATION NUMBER<br>0664-0520 |
| GB<br>1.029                            | Gsb<br>2.71           | Gse<br>2.747                                      | SUBLOT SIZE<br>1000                 | LOT NO<br>1                                                                                                                                | SUBLOT NO<br>3              | SUBLOT RANDOM<br>TONS 735.8       |
|                                        |                       |                                                   |                                     |                                                                                                                                            |                             | 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 %                                                                        | 5.04%    | 5.28% | 0.24%                             | +/- 0.30  | +/- 0.50  |              |
| P 1" (25.0mm)      | 100.00% | 100.00% | 0.00%  |           |           |      | Gmm                                                                              | 2.534    |       |                                   | +/- 0.013 | +/- 0.020 |              |
| P 3/4" (19.0mm)    | 100.00% | 100.00% | 0.00%  |           |           |      | Gmb @ N DESIGN                                                                   | 2.445    |       |                                   |           |           |              |
| P 1/2" (12.5mm)    | 95.60%  | 96.75%  | 1.15%  | +/- 6.00  | +/- 8.00  |      | AIR VOIDS                                                                        | 3.50%    |       |                                   | + 1.00 -  | +/-2.00   |              |
| P 3/8" (9.5mm)     | 84.70%  | 86.24%  | 1.54%  | +/- 6.00  | +/- 8.00  |      | VMA                                                                              | 14.32    |       |                                   | +/- 1.00  | +/-2.00   |              |
| P No. 4 (4.75mm)   | 61.90%  | 63.88%  | 1.98%  | +/- 6.00  | +/- 8.00  |      | VFA                                                                              | 75.56    |       |                                   |           |           |              |
| P No. 8 (2.36mm)   | 46.30%  | 47.85%  | 1.55%  | +/- 6.00  | +/- 8.00  |      | F/A RATIO                                                                        | 1.21     |       |                                   | +/- 0.60  | 1.40      | +/-0.60 1.40 |
| P No. 16 (1.18mm)  | 34.40%  | 37.09%  | 2.69%  |           |           |      |                                                                                  |          |       |                                   |           |           |              |
| P No. 30 (600 Um)  | 26.40%  | 28.23%  | 1.83%  | +/- 4.00  | +/- 6.00  |      |                                                                                  | GRADE    |       | Certified Supplier/Location/CERT# |           | % ADD     |              |
| P No. 50 (300 Um)  | 14.10%  | 16.25%  | 2.15%  |           |           |      | ASPHALT BINDER                                                                   | PG 58-28 |       | Ajax Asphalt Terminal Detroit     | ABS.2500  | 3.51%     |              |
| P No. 100 (150 Um) | 8.40%   | 8.49%   | 0.09%  |           |           |      | GYRATORY WEIGHTS/COMPACTION TEMPERATURE                                          |          |       |                                   |           |           |              |
| P No. 200 (75 Um)  | 5.50%   | 5.87%   | 0.37%  | +/- 1.00  | +/- 2.00  |      | MARSHALL WEIGHTS/COMPACTION TEMPERATURE                                          |          |       |                                   |           |           |              |
| CRUSH - 1 FACE     | 96.90%  | 96.73%  | -0.17% | +/- 10.00 | +/- 15.00 |      | NUMBER OF SOLVENT WASHES (When using the vacuum extraction method for Asphalt %) |          |       |                                   |           |           |              |
| CRUSH - 2 FACE     | 0.00%   | 0.00%   | 0.00%  |           |           |      |                                                                                  |          |       |                                   |           |           |              |

REMARKS

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\*CIRCLE TEST RESULTS THAT ARE OUT OF LIMITS.