



City of Detroit

## Inspector's Daily Report

8/20/2020 5:44 PM

FieldManager 5.3c

**Contract: \_PW-7018, City of Detroit Resurfacing 2020**

|                                                                                         |                              |                                 |                                 |                                                |                                                                  |
|-----------------------------------------------------------------------------------------|------------------------------|---------------------------------|---------------------------------|------------------------------------------------|------------------------------------------------------------------|
| <b>IDR Date</b><br>8/10/2020                                                            | <b>Day of Week</b><br>Monday | <b>Seq. No.</b><br>1            | <b>Import Date</b><br>8/21/2020 | <b>Project Engineer</b><br>Jim Petronski - WSP | <b>Construction Engineer</b><br>Abdul Siddiqui - City of Detroit |
| <b>Inspector's Initials-Name</b><br>DW Damian Welborne                                  |                              |                                 |                                 | <b>Federal Project Number</b>                  | <b>Elec. Attachments</b><br>None                                 |
| <b>Prime Contractor</b><br>Fort Wayne Contracting / Ajax Paving Industries, a joint ven |                              |                                 |                                 |                                                |                                                                  |
| <b>Entered By</b><br>DW, Damian Welborne                                                |                              | <b>Revised By</b>               |                                 | <b>Revision Date</b>                           | <b>Revision No.</b>                                              |
| <b>Temperatures</b><br><b>Low:</b> 75 ° F <b>High:</b> 88 ° F                           |                              | <b>Weather</b><br>Mostly Cloudy |                                 |                                                |                                                                  |



## Inspector's Daily Report

### Comments

Tireman Avenue from Spinoza Street to the Southfield Service Drive.

West Side Concrete (WSC), Superintendent Lety Deleon.

7:30 AM - 5:00 PM

WSC set and adjusted channelizers along northbound Tireman Ave. from Spinoza St. to the Southfield Srvc. Dr.

Along Tireman Ave., WSC removed existing sidewalk, placed aggregate base, compacted existing and new aggregate base, set forms and cast new concrete sidewalks. The sidewalk work was broom finished and curing compound was applied.

TOTAL – 238.50 SYD Sidewalk removed;  
TOTAL – 1870.00 SFT 4 INCH Sidewalk cast;  
TOTAL – 199.00 SFT 6 INCH Sidewalk cast; and,  
TOTAL – 77.50 SFT 4 INCH Sidewalk w/ Tree cast.

TOTAL – 0.00 FT Curb removed;  
TOTAL – 0.00 FT Detail CD Curb cast; and,  
TOTAL – 0.00 FT Integral concrete Curb cast;

McCoig Mix # P1-DETM (33.00 CYD).

QA Somat Engineering - 87°F / 7.6% air / -" slump; and,  
QC Driesenga Associates - 85°F / 7.6% air / 4" slump.

#### Visitors:

- None approached, or sought after by, the writer.

#### Traffic:

- No incidents today.

#### Attachments:

- Sidewalk & Curbs Removal worksheet – Tireman (electronic copy);
- McCoig Mix # P1-DETM concrete tickets Nos. 1 thru 3 – 33.00 CYD (hard copy);
- QA Somat Engineering Concrete Correlation Report (electronic copy);
- QA Somat Engineering Concrete Cylinder Test Report (electronic copy); and,
- QC Driesenga Concrete Field Test Report (hard copy).

Covid-19 check: 97.3°F



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## Contractors

| Contractor's Name          | Personnel               | No. | Hrs.  | Equipment                              | No. | Hrs.  |
|----------------------------|-------------------------|-----|-------|----------------------------------------|-----|-------|
| West Side Concrete Company | Finisher                | 4   | 36.00 | Backhoe, Case 580M                     | 1   | 9.00  |
|                            | Labor Foreman (Corando) | 1   | 9.50  | Dump Truck, Sterling 5 Yrd             | 1   | 9.00  |
|                            | Laborer                 | 4   | 36.00 | Dump Truck, White GMC, 3 Yrd           | 1   | 9.00  |
|                            | Laborer                 | 1   | 2.00  | Mini-Loader, Cat 262D, with Rammer 77E | 1   | 9.00  |
|                            | Operator                | 2   | 19.00 | Breaker                                |     |       |
|                            | Superintndent (Lety)    | 1   | 2.00  | Pick-Up, Ford                          | 1   | 9.50  |
|                            |                         |     |       | Pick-Up, Ford                          | 3   | 27.00 |
|                            |                         |     |       | Pick-Up, Licoln                        | 1   | 2.00  |
|                            |                         |     |       | Steak Truck, Ford                      | 1   | 9.00  |
|                            |                         |     |       | Tamper, MBW                            | 1   | 9.00  |
|                            |                         |     |       |                                        |     |       |
|                            |                         |     |       |                                        |     |       |

## Item Postings

| Item/Material Description                                                                      | Item Code | Prop. Line | Project | Category | Quantity  | Unit | Location                                                            | Brkdwn ID | Attn |
|------------------------------------------------------------------------------------------------|-----------|------------|---------|----------|-----------|------|---------------------------------------------------------------------|-----------|------|
| Sidewalk, Conc with Tree Roots, 4 inch, Modified                                               | _803701C  | 0440       | PW-7018 | 0000     | 77.500    | Sft  | Tireman Avenue from Spinoza Street to the Southfield Service Drive. |           |      |
| Contractor: West Side Concrete Company                                                         |           |            |         |          |           |      |                                                                     |           |      |
| Concrete, Grade P1                                                                             |           |            |         |          |           |      | 0.95 Cyd                                                            |           |      |
| Material Remarks: Materials: McCiog Mix # P1- DETM. Visually identified and accepted.          |           |            |         |          |           |      |                                                                     |           |      |
| Curing Compound, White                                                                         |           |            |         |          |           |      | 0.34 Gal                                                            |           |      |
| Material Remarks: Materials: Chem Master Safe Cure 1000 MDOT Visually identified and accepted. |           |            |         |          |           |      |                                                                     |           |      |
| Joint Filler, Fiber                                                                            |           |            |         |          |           |      | 0.00 Syd                                                            |           |      |
| Material Remarks: Included with 4 INCH Sidewalk.                                               |           |            |         |          |           |      |                                                                     |           |      |
| Sidewalk, Conc, 4 inch, Modified                                                               | _8027011  | 0400       | PW-7018 | 0000     | 1,870.000 | Sft  | Tireman Avenue from Spinoza Street to the Southfield Service Drive. |           |      |
| Contractor: West Side Concrete Company                                                         |           |            |         |          |           |      |                                                                     |           |      |
| Concrete, Grade P1                                                                             |           |            |         |          |           |      | 22.86 Cyd                                                           |           |      |
| Material Remarks: Materials: McCiog Mix # P1- DETM. Visually identified and accepted.          |           |            |         |          |           |      |                                                                     |           |      |
| Curing Compound, White                                                                         |           |            |         |          |           |      | 8.31 Gal                                                            |           |      |
| Material Remarks: Materials: Chem Master Safe Cure 1000 MDOT Visually identified and accepted. |           |            |         |          |           |      |                                                                     |           |      |
| Joint Filler, Fiber                                                                            |           |            |         |          |           |      | 2.20 Syd                                                            |           |      |
| Material Remarks: Material: W.R. Meadows Sealtight. Visually identified and accepted.          |           |            |         |          |           |      |                                                                     |           |      |



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### Item Postings

| Item/Material<br>Description                                                                      | Item<br>Code | Prop.<br>Line | Project | Category | Quantity | Unit | Location                                                                  | Brkdwn<br>ID | Attn |
|---------------------------------------------------------------------------------------------------|--------------|---------------|---------|----------|----------|------|---------------------------------------------------------------------------|--------------|------|
| Sidewalk, Conc, 6 inch,<br>Modified                                                               | _8027012     | 0410          | PW-7018 | 0000     | 199.000  | Sft  | Tireman Avenue from<br>Spinoza Street to the<br>Southfield Service Drive. |              |      |
| Contractor: West Side Concrete Company                                                            |              |               |         |          |          |      |                                                                           |              |      |
| Concrete, Grade P1                                                                                |              |               |         |          |          |      | 22.86                                                                     | Cyd          |      |
| Material Remarks: Materials: McCiog Mix # P1- DETM.<br>Visually identified and accepted.          |              |               |         |          |          |      |                                                                           |              |      |
| Curing Compound, White                                                                            |              |               |         |          |          |      | 0.88                                                                      | Gal          |      |
| Material Remarks: Materials: Chem Master Safe Cure 1000 MDOT<br>Visually identified and accepted. |              |               |         |          |          |      |                                                                           |              |      |
| Joint Filler, Fiber                                                                               |              |               |         |          |          |      | 0.00                                                                      | Syd          |      |
| Material Remarks: Included with 4 INCH Sidewalk.                                                  |              |               |         |          |          |      |                                                                           |              |      |
| Sidewalk, Rem                                                                                     | _204005      | 0030          | PW-7018 | 0000     | 238.500  | Syd  | Tireman Avenue from<br>Spinoza Street to the<br>Southfield Service Drive. |              |      |
| Contractor: West Side Concrete Company                                                            |              |               |         |          |          |      |                                                                           |              |      |

Reviewed By: Carly Taylor Carly Taylor  
Aug 31 2020 12:13 PM  
(Signature)

\_\_\_\_\_  
(Date)



## Concrete Cylinder Test Report

### PROJECT INFO - DRAFT ONLY

ASTM C31, ASTM C39, AASHTO T23, AASHTO T22, ASTM C172, AASHTO R60

|                      |                                     |                   |                   |
|----------------------|-------------------------------------|-------------------|-------------------|
| Client               | WSP                                 | Date Of Placement | 08/10/2020        |
| Project Name         | PW-7018 HMA Mill & Resurfacing 2020 | Specimen Type     | Concrete Cylinder |
| Project Number       | 2020073E                            | Contractor        | merlo             |
| Project Location     | Detroit, MI                         | Concrete Supplier | McCoig            |
| MDOT Job Number      |                                     | Field Tested By   | Robert Clark      |
| MDOT Control Section |                                     | Date Issued       | 08/10/2020        |

|                          |                         |
|--------------------------|-------------------------|
| Results Recorded In      | English Units           |
| Supplier Mix Description | MDOT P1 + MR - 6" Slump |

### DESIGN PARAMETER

|                                   |              |                |      |                                    |  |
|-----------------------------------|--------------|----------------|------|------------------------------------|--|
| Mix Design Number                 | 0781 P1-DETM |                |      |                                    |  |
| Design Compressive Strength (psi) | 3500         |                |      |                                    |  |
| Air (% Max)                       | 8.5          | Slump (in Max) | 6.00 | Unit Weight (lbs/ft <sup>3</sup> ) |  |
| Air (% Min)                       | 5.5          | Slump (in Min) | 3.00 |                                    |  |

### TESTING DATA

|        |       |                                                                              |                                                                  |
|--------|-------|------------------------------------------------------------------------------|------------------------------------------------------------------|
| Placed | 33.01 | +/- yds <sup>3</sup> /ft <sup>3</sup> of concrete at the following location: | Sidewalks on Tireman starting at Greenview going towards Spinoza |
|--------|-------|------------------------------------------------------------------------------|------------------------------------------------------------------|

| Time Tested | Truck Num | Slump ASTM C143 (in) | Air ASTM C231 or C173 (%) | Unit Weight ASTM C138 (lbs/ft <sup>3</sup> ) | Air Temp (°F) | Mix Temp ASTM C1064 (°F) | Concrete Cylinder Set | Water Added (gal) | Cumulative Concrete Placed At Test (yds <sup>3</sup> /ft <sup>3</sup> ) |
|-------------|-----------|----------------------|---------------------------|----------------------------------------------|---------------|--------------------------|-----------------------|-------------------|-------------------------------------------------------------------------|
| 11:15 AM    | 4831      | 4.00                 | 7.60                      | 0.0                                          | 84            | 85                       | 1                     | 0                 | 3                                                                       |

### MATERIAL DATA

| Concrete Cylinder Set | Concrete Cylinder Num | Diameter (in) | X-Sec Area (in <sup>2</sup> ) | Weight (lbs) | Fracture Type | Capping Process | Age Of Concrete Cylinder (Days) | Date Tested | Total Load At Failure (lbs) | Cumulative Strength (psi/mpa) |
|-----------------------|-----------------------|---------------|-------------------------------|--------------|---------------|-----------------|---------------------------------|-------------|-----------------------------|-------------------------------|
| 1                     | 79416                 |               |                               |              |               |                 | 28                              | 09/07/2020  |                             |                               |
| 1                     | 79417                 |               |                               |              |               |                 | 28                              | 09/07/2020  |                             |                               |

**Average 28 Day Compressive Strength (psi): 0**

\*Cylinders tested with Unbonded Caps followed ASTM C1231, cylinders tested with Bonded Caps followed ASTM C617.

\*All Air Content % tests were performed per C231 unless otherwise noted in the remarks.

\*Inspector was notified of non-conformance items, if any.

\*Average Compressive Strength results did not meet project specifications.

|                      |              |
|----------------------|--------------|
| Remarks:             |              |
| Results Reported To: |              |
| Report Approved By:  | Robert Clark |



## CONCRETE QA CORRELATION

DATE: 8/10/2020  
MDOT CONTROL SECTION: N/A  
MDOT JOB NUMBER: N/A  
SOMAT JOB NUMBER: 2020073E (PW-7018)  
PROJECT NAME: HMA Mill & Resurfacing 2020  
CITY: Detroit, MI

CLIENT: CoD/WSP  
PROJECT ENGINEER: Jason Lukasik, P.E.  
INSPECTOR: Damian Welborne  
CONTRACTOR: Merlo  
QC COMPANY: Driesinga  
QC TESTER: Patrick

### CONCRETE INFORMATION

|                   |         |                            |         |
|-------------------|---------|----------------------------|---------|
| CONCRETE COMPANY: | McCoig  | TRUCK NUMBER:              | 4831    |
| MIX DESIGN #:     | P1-DETM | PLANT LOCATION (CITY):     | Detroit |
| CONCRETE GRADE:   | P1      | TOTAL QUANTITY (CYDS):     | 33.01   |
| PWL/NON-PWL:      | NON-PWL | QUANTITY AT SAMPLE (CYDS): | 3       |

### POUR LOCATION (STATION, STRUCTURE, ETC...)

Sidewalks on Tireman starting at Greenview going towards Spinoza

### TEST RESULTS

|                        | QC (CONTRACTOR) | QA (SOMAT) | TOLERANCE       | MEETS TOLERANCE (Y/N) |
|------------------------|-----------------|------------|-----------------|-----------------------|
| SAMPLE TIME (Hrs/Min): | 11:15AM         |            |                 |                       |
| AIR CONTENT (%):       | 7.60            | 7.60       | +/- 0.8 PERCENT | YES                   |
| CONCRETE TEMP. (°F):   | 87              | 85         | +/- 2.0 DEGREES | YES                   |
| AIR TEMP. (°F):        | 84              | 84         |                 |                       |

### REMARKS:

FIELD REPRESENTATIVE: R. Clark

DATE: 8/10/2020

PROJECT MANAGER(s): Steve Drummond, P.E.

DATE:

\*All results noted in this report relate only to items inspected or tested by Somat Engineering, Inc. and/or Somat Engineering of Ohio, Inc. (Somat). This report shall not be reproduced, except in full, without the prior written approval of Somat.

## SIDEWALK & CURB REMOVAL LOCATIONS

| DATE: 2020-08-10                               |             |            |          |             | OWNER: City of Detroit             |             |         |
|------------------------------------------------|-------------|------------|----------|-------------|------------------------------------|-------------|---------|
| JOB NUMBER: PW-7018                            |             |            |          |             | CONTRACTOR: Ajax Paving Industries |             |         |
| PROJECT NAME: City of Detroit Resurfacing 2020 |             |            |          |             | PROJECT ENGINEER: Jim Petronski    |             |         |
| LOCATION: Tireman Avenue, Detroit, MI          |             |            |          |             | SHEETS: 1 of 1                     |             |         |
| Sidewalk                                       |             |            |          |             | Curb                               |             |         |
| ADDRESS                                        | Length (ft) | Width (ft) | SFT      | Comments    | ADDRESS                            | Length (ft) | Comment |
| 18600                                          | 11.00       | 6.00       | 66.00    |             |                                    |             |         |
| 18710                                          | 23.00       | 6.00       | 138.00   |             |                                    |             |         |
| 18928                                          | 23.50       | 6.00       | 141.00   |             |                                    |             |         |
| 18928                                          | 12.00       | 6.00       | 72.00    |             |                                    |             |         |
| 18936 & 18940                                  | 76.00       | 6.00       | 456.00   |             |                                    |             |         |
| 19116                                          | 5.00        | 5.00       | 25.00    |             |                                    |             |         |
| 19126                                          | 5.00        | 5.00       | 25.00    |             |                                    |             |         |
| 19126                                          | 5.00        | 5.00       | 25.00    | 6 INCH      |                                    |             |         |
| 19138                                          | 25.00       | 5.00       | 125.00   |             |                                    |             |         |
| -                                              |             |            |          |             |                                    |             |         |
| NW Corner at Rosemount                         | 16.00       | 5.00       | 80.00    |             |                                    |             |         |
| NW Corner at Penrod                            | 59.00       | 5.00       | 295.00   |             |                                    |             |         |
| NE Corner at Faust                             | 15.50       | 5.00       | 77.50    | Tree        |                                    |             |         |
| 18510                                          | 28.50       | 6.00       | 171.00   |             |                                    |             |         |
| 18520 & 18526                                  | 10.50       | 6.00       | 63.00    |             |                                    |             |         |
| 18520 & 18526                                  | 9.00        | 6.00       | 54.00    | 6 INCH      |                                    |             |         |
| 18540                                          | 28.00       | 6.00       | 168.00   |             |                                    |             |         |
| 18540                                          | 20.00       | 6.00       | 120.00   | 6 INCH      |                                    |             |         |
| 18540                                          | 3.00        | 15.00      | 45.00    | Lead Access |                                    |             |         |
| Total Quantities                               |             |            | 2,146.50 |             | Total Quantities                   |             | 0.00    |

FIELD INSPECTOR: D. Welborne  
 REVIEWED BY: \_\_\_\_\_

DATE: 2020-08-10  
 DATE: \_\_\_\_\_