



City of Detroit

## Inspector's Daily Report

5/7/2021 1:31 PM

FieldBook 5.3a

Contract: **PW-7018**, City of Detroit Resurfacing 2020

|                                                                                         |                                |                                   |                           |                                                             |                                                                  |
|-----------------------------------------------------------------------------------------|--------------------------------|-----------------------------------|---------------------------|-------------------------------------------------------------|------------------------------------------------------------------|
| <b>IDR Date</b><br>5/6/2021                                                             | <b>Day of Week</b><br>Thursday | <b>Seq. No.</b><br>1              | <b>Import Date</b><br>N/A | <b>Project Engineer</b><br>Jim Petronski / Ian Duncan - WSP | <b>Construction Engineer</b><br>Steve Bannasch - City of Detroit |
| <b>Inspector's Initials-Name</b><br>LE Lenoris Elliott                                  |                                |                                   |                           | <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>LE                                                                 |                                | <b>Revised By</b>                 |                           | <b>Revision Date</b>                                        | <b>Revision No.</b>                                              |
| <b>Temperatures</b> ✓<br><b>Low:</b> 42 ° F <b>High:</b> 57 ° F                         |                                | <b>Weather</b> ✓<br>Mostly Cloudy |                           |                                                             |                                                                  |



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## Comments

STREET LOCATION: SB JC LODGE SD Vassar to Wyoming

CONTRACTOR ONSITE:  
Fort Wayne Contracting (FWC)

CONTRACTOR ACTIVITIES:  
Fort Wayne Contracting: (Site Time 7:00AM to 4:00PM)

STRUCTURE COVER ADJUSTMENT, RECONSTRUCTING STRUCTURE, AND WATER SHUTOFF ADJUSTMENT:  
Today activities consist of adjusting utility structure covers along inside lane on SB JC Lodge SD from Vassar to Sorrento. The utility structure cover adjustments include Public Lighting Department (PLD) manholes or hand holes, Detroit Water Sewage Department (DWSD) gate wells, water shutoff boxes or stop boxes, sewer manholes and catch basins whose covers are required to be raised or lowered to meet the required new pavement elevations. The existing frame and cover were carefully removed and upper portion of the existing utility structure was repaired as necessary to raise as required. The frame and cover were reset on full mortar bed to fit new pavement grade and cross section. Work was as done as general as the provisions of Section 403 and Section 823 of the 2012 MDOT Standard Specification for Construction. Refer to attached Drainage Structure Cover Report for specific types and locations.

### POSTING ITEMS:

4037050 \_Dr Structure Cover, Adj, Case 1, Modified at (Total 48)  
4037050 \_Dr Structure Cover, Type CB, Modified, Adj at (Total 1)  
4037050 \_Dr Structure Cover, Type PLD-HH, Modified, Adj at (Total 30)  
4037050 \_Dr Structure Cover, Type PLD-MH, Modified, Adj at (Total 15)  
4037050 \_Dr Structure Cover, Type Sewer MH, Modified, Adj at (Total 1)  
\_4037059 \_Reconstructing Dr Structure, Case 1, Modified at (Total 1)

### REMOVAL OF CURB:

The removal of curb at varies location along SB Lodge SD inside lane. Hand tools were used to level subgrade. Work was done at the following locations as general as the provisions of Section 204 of the 2012 MDOT Standard Specification for Construction:

100 ft. south of Strathmoor at 4.6 linear feet.  
Top of 7 Mile Road Off Ramp at 4.2 linear feet.  
100 ft. north of Florence at 5.0 linear feet.  
2047002 \_Curb, Rem, Modified at 13.8 linear feet.

### CONCRETE PLACEMENT:

SRM Concrete delivered a total of 24.0 cubic yards from Plant No. 1 (East Seven Mile Road) in Detroit, Michigan. Fort Wayne Contracting placed a total of 24.0 (No Waste) cubic yards of air entrained concrete mix design number P-NCOM 3500 PSI with BASF- Master Air (AE 200-0AE-PR) and Premiere water reducer (OptiFlo MR-0MRLI-PR) for the drainage structure cover adjustment and Curb Concrete Detail CD at above mentioned locations. The concrete was deposit directly into the placement areas by using concrete chutes. Hand tools were used to finish concrete surface. White curing compound was applied by spray wand on the work of Curb Concrete Detail CD.

4037050 \_Dr Structure Cover, Adj  
Concrete Grade P-NC at 23.04 cyd.  
\_4037059 \_Reconstructing Dr Structure, Case 1  
Concrete Grade P-NC at 0.48 cyd.  
6037001 \_Curb, Conc, Detail CD, Modified  
Concrete Grade P-NC at 0.48 cyd.  
Curing Compound, White at 0.14 gals.

### MATERIAL TESTING:

Certified concrete technicians from Somat and CCT were onsite to perform QA/QC concrete field testing. The certified technicians informed the inspector that the concrete field test results have met the concrete mix design parameters as specified in the project contract/plans and specification.



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## ATTACHMENTS:

Inspector Summary Report  
Contractor - MDOT Structure Worksheet  
Inspector Form\_1174R  
Concrete QA Correlation  
QA Concrete Cylinder Test Report  
QC Concrete Field Report

## COVID 19 ONSITE TESTING:

Kobi Smith (WSP) performed a body temperature reading by using an infrared temperature gun on myself and reading at measured 96.9 Fahrenheit.

DBE CONTRACTORS: N/A

UTILITIES: N/A

SITE SAFETY: N/A

SOIL EROSION CONTROL: No issues witnessed or reported to me.

TRAFFIC CONTROL: No issues witnessed or reported to me.

PROJECT VISITORS: N/A

MATERIALS: N/A

EXTRA and OVERRUNS: N/A

## Item Postings

| Item/Material Description                                                                                                  | Item Code | Prop. Line | Project | Category | Quantity | Unit | Location                                                                                                                                            | Brkdwn ID | Attn |
|----------------------------------------------------------------------------------------------------------------------------|-----------|------------|---------|----------|----------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------|
| _ Curb, Conc, Detail CD, Modified _60370010360<br>Contractor: Fort Wayne Contracting / Ajax Paving Industries, a joint ven |           |            | PW-7018 | 0000     | 13.800   | Ft   | 100 ft. south of Strathmoor at 4.6 linear feet.<br>Top of 7 Mile Road Off Ramp at 4.2 linear feet.<br>100 ft. north of Florence at 5.0 linear feet. |           |      |
| Item Remarks: Inside Lane.                                                                                                 |           |            |         |          |          |      |                                                                                                                                                     |           |      |
| Concrete, Grade P1                                                                                                         |           |            |         |          | 0.48     | Cyd  |                                                                                                                                                     |           |      |
| Curing Compound, White                                                                                                     |           |            |         |          | 0.14     | Gal  |                                                                                                                                                     |           |      |
| _ Curb, Rem, Modified _20470020040<br>Contractor: Fort Wayne Contracting / Ajax Paving Industries, a joint ven             |           |            | PW-7018 | 0000     | 13.800   | Ft   | 100 ft. south of Strathmoor at 4.6 linear feet.<br>Top of 7 Mile Road Off Ramp at 4.2 linear feet.<br>100 ft. north of Florence at 5.0 linear feet. |           |      |

Must list source of materials



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## Item Postings

| Item/Material Description                                                                                                                                                 | Item Code | Prop. Line | Project | Category | Quantity | Unit | Location                                               | Brkdwn ID | Attn |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|---------|----------|----------|------|--------------------------------------------------------|-----------|------|
| _ Dr Structure Cover, Adj, Case 1, Modifie d, Adj<br>Contractor: Fort Wayne Contracting, Inc.<br>Item Remarks: Refer to attached Summary Report for specific locations.   | 4037050   | 0930       | PW-7018 | 0000     | 48.000   | Ea   | Inside lane on SB JC Lodge SD from Vassar to Sorrento. |           |      |
| Block, Concrete                                                                                                                                                           |           |            |         |          | 7.00     | Ea   |                                                        |           |      |
| Brick, Concrete                                                                                                                                                           |           |            |         |          | 586.00   | Ea   |                                                        |           |      |
| Concrete, Type P-NC                                                                                                                                                       |           |            |         |          | 23.04    | Cyd  |                                                        |           |      |
| Mortar, Standard                                                                                                                                                          |           |            |         |          | 0.00     | Cyd  |                                                        |           |      |
| Material Remarks: Amount Unknown.                                                                                                                                         |           |            |         |          |          |      |                                                        |           |      |
| _ Dr Structure Cover, Type CB, Modified, A dj<br>Contractor: Fort Wayne Contracting, Inc.<br>Item Remarks: Refer to attached Summary Report for specific locations.       | 4037050   | 0940       | PW-7018 | 0000     | 1.000    | Ea   | Inside lane on SB JC Lodge SD from Vassar to Sorrento. |           |      |
| Structure Cover, Type CB                                                                                                                                                  |           |            |         |          | 1.00     | Ea   |                                                        |           |      |
| _ Dr Structure Cover, Type PLD HH, Modifie d, Adj<br>Contractor: Fort Wayne Contracting, Inc.<br>Item Remarks: Refer to attached Summary Report for specific locations.   | 4037050   | 0945       | PW-7018 | 0000     | 30.000   | Ea   | Inside lane on SB JC Lodge SD from Vassar to Sorrento. |           |      |
| Structure Cover, HH, Type PLD                                                                                                                                             |           |            |         |          | 30.00    | Ea   |                                                        |           |      |
| _ Dr Structure Cover, Type PLD MH, Modifie d, Adj<br>Contractor: Fort Wayne Contracting, Inc.<br>Item Remarks: Refer to attached Summary Report for specific locations.   | 4037050   | 0950       | PW-7018 | 0000     | 15.000   | Ea   | Inside lane on SB JC Lodge SD from Vassar to Sorrento. |           |      |
| Structure Cover, MH, Type PLD                                                                                                                                             |           |            |         |          | 15.00    | Ea   |                                                        |           |      |
| _ Dr Structure Cover, Type Sewer MH, Modif ied, Adj<br>Contractor: Fort Wayne Contracting, Inc.<br>Item Remarks: Refer to attached Summary Report for specific locations. | 4037050   | 0960       | PW-7018 | 0000     | 1.000    | Ea   | Inside lane on SB JC Lodge SD from Vassar to Sorrento. |           |      |
| Structure Cover, MH, Type Sewer                                                                                                                                           |           |            |         |          | 1.00     | Ea   |                                                        |           |      |



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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 |
|------------------------------|--------------|---------------|---------|----------|----------|------|----------|--------------|------|
|------------------------------|--------------|---------------|---------|----------|----------|------|----------|--------------|------|

\_Reconstructing Dr Structure, Case 1, Modified  
Contractor: Fort Wayne Contracting, Inc.

Item Remarks: Refer to attached Summary Report for specific locations.

Block, Concrete

Brick, Concrete

Concrete, Type P-NC

Mortar, Standard

Material Remarks: Amount Unknown.

Must list source of  
materials

16.00 Ea

22.00 Ea

0.48 Cyd

0.00 Cyd

Must show math

Reviewed By:

Michael  
Teachout

Digitally signed by Michael  
Teachout  
DN: cn=Michael Teachout, c=US,  
o=WSP Michigan Inc,  
email=Mike.Teachout@WSP.com  
Date: 2021.06.01 08:13:31 -0400

(Signature)

(Date)

## Cold Milling HMA Approach Surface, Butt Joints Rem, Modified & Projected HMA Quantity

DATE: Thursday, May 06, 2021

OWNER: City of Detroit

JOB NUMBER: PW-7018

CONTRACTOR: Ajax Paving Industries

PROJECT NAME: PW-7018 City of Detroit Resurfacing 2020

PROJECT ENGINEER: Jim Petronski

LOCATION: Detroit, MI

SHEETS: 1 OF 2

### SOUTHBOUND JC LODGE SERVICE DRIVE from VASSAR to WYOMING

| Item Code 5010005<br>HMA Surface, Rem |      |
|---------------------------------------|------|
| Surface Area (sft.)                   | 0.00 |
| Surface Area (syd.)                   | 0.00 |
| A1 (sft.)                             | 0.00 |
| A2 (sft.)                             | 0.00 |
| A3 (sft.)                             | 0.00 |

| Item Code 5010008<br>Pavt for Butt Joints, Rem |      |
|------------------------------------------------|------|
| Width (ft.)                                    | 0.00 |
| Length (ft.)                                   | 0.00 |
| SYD                                            | 0.00 |

| Approaches<br>Projected HMA 4E3 |      |
|---------------------------------|------|
| HMA (lbs.)                      | 0.00 |
| HMA (tons)                      | 0.00 |

| Approaches<br>Projected HMA 5E3 |      |
|---------------------------------|------|
| HMA (lbs.)                      | 0.00 |
| HMA (tons)                      | 0.00 |

|                                                       |       |     |                     |                    |                      |                             |   |
|-------------------------------------------------------|-------|-----|---------------------|--------------------|----------------------|-----------------------------|---|
| Item Code 5017011 _Cold Milling HMA Surface, Modified |       |     |                     | YES                |                      | NO                          | X |
| Item Code 5010051 HMA, 4E3                            |       |     |                     | YES                |                      | NO                          | X |
| Item Code 5010057 HMA, 5E3                            |       |     |                     | YES                |                      | NO                          | X |
| Main Street                                           |       |     | Street Width (ft)   | Street Length (ft) |                      | Surface Mainline Area (syd) |   |
| No.1                                                  | Start | N/A | N/A                 | 0.00               |                      | 0.00                        |   |
| End                                                   | End   | N/A |                     |                    |                      |                             |   |
| MDOT MIXES                                            |       |     | PROJECTED HMA (lbs) |                    | PROJECTED HMA (tons) |                             |   |
| Mix 4E3 @ 2"                                          |       | 220 | 0.00                |                    | 0.00                 |                             |   |
| Mix 5E3 @ 1.5"                                        |       | 165 | 0.00                |                    | 0.00                 |                             |   |
| Bond Coat – Emulsified Asphalt                        |       |     | Product:            | SS-1H              | Gallons:             | 0.00                        |   |

| Item Code _2040055 Sidewalk, Rem           |       |      | Item |
|--------------------------------------------|-------|------|------|
| Code _8027011 _Sidewalk,Conc, 4", Mod.     |       |      | Item |
| Code _8027012 _Sidewalk,Conc, 6", Mod.     |       |      | Item |
| Code _8037010 _Sidewalk,Conc,Tree Roots 4" |       |      | Item |
| Code _8037011 _Sidewalk,Conc,Tree Roots 6" |       |      | Item |
|                                            | SYD's | SFT  |      |
| Rem.                                       | 0.00  | 0.00 |      |
| 4 in.                                      | 0.00  | 0.00 |      |
| 6 in.                                      | 0.00  | 0.00 |      |
| 4"Root                                     | 0.00  | 0.00 |      |
| 6"Root                                     | 0.00  | 0.00 |      |

| Item Code _2047002 _Curb, Rem,Mod.     |  | Item  |
|----------------------------------------|--|-------|
| Code _6037001 _Curb, Detail CD,Mod     |  | Item  |
| Code _8030030 _Curb Ramp Open,Conc     |  | Item  |
| Code _2047001 _Inter,Curb,Walk,2ft Rem |  | Item  |
| Code _8037001 _Inter.Curb.Walk.2ft Mod |  | Item  |
|                                        |  | LFT   |
| Removal (ft)                           |  | 13.80 |
| Curb, Conc, Detail CD (ft)             |  | 13.80 |
| Ramp Opening Curb (ft)                 |  | 0.00  |
| 2 ft Integral Rem. (ft)                |  | 0.00  |
| 2 ft Integral (ft)                     |  | 0.00  |

FIELD INSPECTOR: Lenoris Elliott (SOMAT)

DATE: 5/6/2021

REVIEWED BY:

DATE:



**\_DR STRUCTURE COVER, MODIFIED, ADJ, ITEM CODE 4037050**

**DATE:** Thursday, May 06, 2021  
**JOB NUMBER:** PW-7018  
**PROJECT NAME:** PW-7018 City of Deroit Resurfacing 2020  
**LOCATION:** Detroit, MI

**OWNER:** City of Detroit  
**CONTRACTOR:** Ajax Paving Industries  
**PROJECT ENGINEER:** Jim Petronski  
**SHEETS:** 2 OF 2

**SOUTHBOUND JC LODGE SERVICE DRIVE from VASSAR to WYOMING**

| TYPE |                         | Total Units |
|------|-------------------------|-------------|
| 1    | Case 1, Ea.             | 48          |
| 2    | Case 2, Ea.             | 0           |
| 3    | Catch Basin (CB), Ea.   | 1           |
| 4    | PLD Hand Hole (HH), Ea. | 30          |
| 5    | PLD Manhole (MH), Ea.   | 15          |
| 6    | Sewer Manhole (MH), Ea. | 1           |
| 7    | Water Manhole (MH), Ea. | 0           |
| 8    | Water Value Box, Ea.    | 0           |
| 9    | Type J, Ea.             | 0           |
| 10   | Type K, Ea.             | 0           |
| 11   | Reconstructing Case 1   | 1           |
| 12   | Reconstructing Case 2   | 0           |

| TYPE                          | Total Units |
|-------------------------------|-------------|
| Block Concrete, Ea.           | 23          |
| Brick Concrete, Ea.           | 608         |
| Concrete, Grade P1, Cyd.      | 0.00        |
| Concrete, Grade S2, Cyd.      | 0.00        |
| Concrete, Type P-NC, Cyd.     | 23.52       |
| Curing Compound, Clear, Gals. | 0.00        |
| Mortar, Standard, Cyd.        | 0.00        |

**FIELD INSPECTOR:** Lenoris Elliott (SOMAT)  
**REVIEWED BY:**

**DATE:** 5/6/2021  
**DATE:**

## SIDEWALK & CURB REMOVAL & REPLACEMENT LOCATIONS

**DATE:** Thursday, May 06, 2021

**OWNER:** City of Detroit

**JOB NUMBER: PW-7018**

**CONTRACTOR:** Ajax Paving Industries

**PROJECT NAME:** PW-7018 City of Detroit Resurfacing 2020

**PROJECT ENGINEER:** Jim Petronski

**LOCATION:** Detroit, MI

**SHEETS: 1 OF 1**

## John C Lodge from Vassar to Wyoming

| Sidewalk         |                |               |      |      |                  |    |            |    |            | Curb                     |             |                 |              |                            |                       |       |      |      |      |
|------------------|----------------|---------------|------|------|------------------|----|------------|----|------------|--------------------------|-------------|-----------------|--------------|----------------------------|-----------------------|-------|------|------|------|
| Address          | Length<br>(ft) | Width<br>(ft) | SYD  | SFT  | Comments         | 4" | 4"<br>root | 6" | 6"<br>root | Address                  | Rem<br>(ft) | Det.<br>CD (ft) | Ramp<br>(ft) | 2 ft Integral<br>Rem. (ft) | 2 ft Integral<br>(ft) |       |      |      |      |
|                  |                |               | 0.00 | 0.00 |                  |    |            |    |            | 100 ft. S. of Strathmoor | 4.60        | 4.60            |              |                            |                       |       |      |      |      |
|                  |                |               | 0.00 | 0.00 |                  |    |            |    |            | Top of 7 Mile Off Ramp   | 4.20        | 4.20            |              |                            |                       |       |      |      |      |
|                  |                |               | 0.00 | 0.00 |                  |    |            |    |            | 100 ft. N. of Freeland   | 5.00        | 5.00            |              |                            |                       |       |      |      |      |
|                  |                |               | 0.00 | 0.00 |                  |    |            |    |            |                          |             |                 |              |                            |                       |       |      |      |      |
|                  |                |               | 0.00 | 0.00 |                  |    |            |    |            |                          |             |                 |              |                            |                       |       |      |      |      |
|                  |                |               | 0.00 | 0.00 |                  |    |            |    |            |                          |             |                 |              |                            |                       |       |      |      |      |
|                  |                |               | 0.00 | 0.00 |                  |    |            |    |            |                          |             |                 |              |                            |                       |       |      |      |      |
|                  |                |               | 0.00 | 0.00 |                  |    |            |    |            |                          |             |                 |              |                            |                       |       |      |      |      |
|                  |                |               | 0.00 | 0.00 |                  |    |            |    |            |                          |             |                 |              |                            |                       |       |      |      |      |
|                  |                |               | 0.00 | 0.00 |                  |    |            |    |            |                          |             |                 |              |                            |                       |       |      |      |      |
|                  |                |               | 0.00 | 0.00 |                  |    |            |    |            |                          |             |                 |              |                            |                       |       |      |      |      |
|                  |                |               | 0.00 | 0.00 |                  |    |            |    |            |                          |             |                 |              |                            |                       |       |      |      |      |
|                  |                |               | 0.00 | 0.00 |                  |    |            |    |            |                          |             |                 |              |                            |                       |       |      |      |      |
|                  |                |               | 0.00 | 0.00 |                  |    |            |    |            |                          |             |                 |              |                            |                       |       |      |      |      |
|                  |                |               | 0.00 | 0.00 |                  |    |            |    |            |                          |             |                 |              |                            |                       |       |      |      |      |
|                  |                |               | 0.00 | 0.00 |                  |    |            |    |            |                          |             |                 |              |                            |                       |       |      |      |      |
|                  |                |               | 0.00 | 0.00 |                  |    |            |    |            |                          |             |                 |              |                            |                       |       |      |      |      |
|                  |                |               | 0.00 | 0.00 |                  |    |            |    |            |                          |             |                 |              |                            |                       |       |      |      |      |
|                  |                |               | 0.00 | 0.00 |                  |    |            |    |            |                          |             |                 |              |                            |                       |       |      |      |      |
|                  |                |               | 0.00 | 0.00 |                  |    |            |    |            |                          |             |                 |              |                            |                       |       |      |      |      |
|                  |                |               | 0.00 | 0.00 |                  |    |            |    |            |                          |             |                 |              |                            |                       |       |      |      |      |
| Total Quantities |                |               | 0.00 | 0.00 | Total Quantities |    |            |    |            |                          |             |                 |              |                            | 13.80                 | 13.80 | 0.00 | 0.00 | 0.00 |

**FIELD INSPECTOR:** Lenoris Elliott (SOMAT)

REVIEWED BY: MT (WSP)

DATE: 05/06/21

DATE: 06/01/2021

## \_DR STRUCTURE COVER, MODIFIED, ADJ, ITEM CODE 4037050

|                                                                                                                                                                    |                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>DATE:</b> Thursday, May 06, 2021<br><b>JOB NUMBER:</b> PW-7018<br><b>PROJECT NAME:</b> PW-7018 City of Detroit Resurfacing 2020<br><b>LOCATION:</b> Detroit, MI | <b>OWNER:</b> City of Detroit<br><b>CONTRACTOR:</b> Ajax Paving Industries<br><b>PROJECT ENGINEER:</b> Jim Petronski<br><b>SHEETS:</b> 1 OF 4 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|

### SOUTHBOUND JC LODGE SERVICE DRIVE from VASSAR to WYOMING

| LOCATION         |                             | Adj,<br>Case 1 | Adj,<br>Case 2 | Type<br>CB | Type<br>PLD<br>HH | Type<br>PLD<br>MH | Type<br>Sewer<br>MH | Type<br>Water<br>MH | Type<br>Water<br>Valve<br>Box | Type<br>J | Type<br>K | Recon | Recon | Block<br>Concr. | Brick<br>Concr. | Concr.<br>Grade<br>P1<br>Cyd. | Concr.<br>Grade<br>S2<br>Cyd. | Concr.<br>Type<br>P-NC<br>Cyd. | Curing<br>Comp.<br>Clear<br>Gal.<br>Ea. | Mortar<br>Std.<br>Cyd./Ea. |
|------------------|-----------------------------|----------------|----------------|------------|-------------------|-------------------|---------------------|---------------------|-------------------------------|-----------|-----------|-------|-------|-----------------|-----------------|-------------------------------|-------------------------------|--------------------------------|-----------------------------------------|----------------------------|
| 1                | North side of Hubbell       | 1              |                |            |                   | 1                 |                     |                     |                               |           |           |       |       |                 |                 |                               |                               | 0.48                           |                                         |                            |
| 2                | South side of Hubbell       | 1              |                |            | 1                 |                   |                     |                     |                               |           |           |       |       |                 | 20              |                               |                               | 0.48                           |                                         |                            |
| 3                | 100 ft. south of Hubbell    | 1              |                |            | 1                 |                   |                     |                     |                               |           |           |       |       |                 |                 |                               |                               | 0.48                           |                                         |                            |
| 4                | 200 ft. south of Hubbell    | 1              |                |            |                   | 1                 |                     |                     |                               |           |           |       |       |                 |                 |                               |                               | 0.48                           |                                         |                            |
| 5                | 100 ft. south of Cambridge  | 1              |                |            | 1                 |                   |                     |                     |                               |           |           |       |       |                 | 20              |                               |                               | 0.48                           |                                         |                            |
| 6                | Strathmoor                  | 1              |                |            |                   | 1                 |                     |                     |                               |           |           |       |       |                 | 12              |                               |                               | 0.48                           |                                         |                            |
| 7                | 50 ft. south of Strathmoor  | 1              |                |            | 1                 |                   |                     |                     |                               |           |           |       |       |                 | 22              |                               |                               | 0.48                           |                                         |                            |
| 8                | 100 ft. south of Strathmoor | 1              |                | 1          |                   |                   |                     |                     |                               |           |           |       |       |                 | 20              |                               |                               | 0.48                           |                                         |                            |
| 9                | 120 ft. south of Strathmoor | 1              |                |            | 1                 |                   |                     |                     |                               |           |           |       |       |                 |                 |                               |                               | 0.48                           |                                         |                            |
| 10               | Top of 7 Mile Off Ramp      |                |                | 0          |                   |                   |                     |                     |                               |           |           | 1     |       | 16              | 22              |                               |                               | 0.48                           |                                         |                            |
| 11               | 150 ft. north of 7 Mile     | 1              |                |            |                   | 1                 |                     |                     |                               |           |           |       |       |                 | 34              |                               |                               | 0.48                           |                                         |                            |
| 12               | 100 ft. north of 7 Mile     | 1              |                |            |                   |                   | 1                   |                     |                               |           |           |       |       |                 | 20              |                               |                               | 0.48                           |                                         |                            |
| 13               | 100 ft. north of Freeland   | 1              |                | 0          |                   |                   |                     |                     |                               |           |           |       |       | 7               |                 |                               |                               | 0.48                           |                                         |                            |
| 14               | Freeland                    | 1              |                |            |                   | 1                 |                     |                     |                               |           |           |       |       |                 |                 |                               |                               | 0.48                           |                                         |                            |
| 15               | 50 ft. north of Clarita     | 1              |                |            | 1                 |                   |                     |                     |                               |           |           |       |       |                 | 20              |                               |                               | 0.48                           |                                         |                            |
| Total Quantities |                             | 14             | 0              | 1          | 6                 | 5                 | 1                   | 0                   | 0                             | 0         | 0         | 1     | 0     | 23              | 190             | 0.00                          | 0.00                          | 7.20                           | 0.00                                    | 0.00                       |

How did you come up with this calc? You must show all math.

**FIELD INSPECTOR:** Lenoris Elliott (SOMAT)

**REVIEWED BY:** \_\_\_\_\_

**DATE:** 05/06/21

**DATE:** \_\_\_\_\_

## \_DR STRUCTURE COVER, MODIFIED, ADJ, ITEM CODE 4037050

|                                                                                                                                                                    |                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>DATE:</b> Thursday, May 06, 2021<br><b>JOB NUMBER:</b> PW-7018<br><b>PROJECT NAME:</b> PW-7018 City of Detroit Resurfacing 2020<br><b>LOCATION:</b> Detroit, MI | <b>OWNER:</b> City of Detroit<br><b>CONTRACTOR:</b> Ajax Paving Industries<br><b>PROJECT ENGINEER:</b> Jim Petronski<br><b>SHEETS:</b> 2 OF 4 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|

### SOUTHBOUND JC LODGE SERVICE DRIVE from VASSAR to WYOMING

| LOCATION                | Adj,<br>Case 1          | Adj,<br>Case 2 | Type<br>CB | Type<br>PLD<br>HH | Type<br>PLD<br>MH | Type<br>Sewer<br>MH | Type<br>Water<br>MH | Type<br>Water<br>Valve<br>Box | Type<br>J | Type<br>K | Recon<br>Case 1 | Recon<br>Case 2 | Block<br>Concr.<br>EA. | Brick<br>Concr.<br>EA. | Concr.<br>Grade<br>P1<br>Cyd. | Concr.<br>Grade<br>S2<br>Cyd. | Concr.<br>Type<br>P-NC<br>Cyd. | Curing<br>Comp.<br>Clear<br>Gal.<br>Ea. | Mortar<br>Std.<br>Cyd./Ea. |
|-------------------------|-------------------------|----------------|------------|-------------------|-------------------|---------------------|---------------------|-------------------------------|-----------|-----------|-----------------|-----------------|------------------------|------------------------|-------------------------------|-------------------------------|--------------------------------|-----------------------------------------|----------------------------|
| 16                      | South side of Clarita   | 1              |            |                   | 1                 |                     |                     |                               |           |           |                 |                 |                        |                        |                               |                               | 0.48                           |                                         |                            |
| 17                      | North side of Ardmore   | 1              |            | 1                 |                   |                     |                     |                               |           |           |                 |                 |                        | 22                     |                               |                               | 0.48                           |                                         |                            |
| 18                      | South side Ardmore      | 1              |            | 1                 |                   |                     |                     |                               |           |           |                 |                 |                        | 20                     |                               |                               | 0.48                           |                                         |                            |
| 19                      | 18677 JC Lodge          | 1              |            |                   | 1                 |                     |                     |                               |           |           |                 |                 |                        | 10                     |                               |                               | 0.48                           |                                         |                            |
| 20                      | 18637 JC Lodge          | 1              |            | 1                 |                   |                     |                     |                               |           |           |                 |                 |                        | 20                     |                               |                               | 0.48                           |                                         |                            |
| 21                      | 50 ft. south Margareta  | 1              |            | 1                 |                   |                     |                     |                               |           |           |                 |                 |                        |                        |                               |                               | 0.48                           |                                         |                            |
| 22                      | Margareta               | 1              |            |                   | 1                 |                     |                     |                               |           |           |                 |                 |                        |                        |                               |                               | 0.48                           |                                         |                            |
| 23                      | 150 ft. north of Lesure | 1              |            | 1                 |                   |                     |                     |                               |           |           |                 |                 |                        | 20                     |                               |                               | 0.48                           |                                         |                            |
| 24                      | North side of Lesure    | 1              |            | 1                 |                   |                     |                     |                               |           |           |                 |                 |                        | 22                     |                               |                               | 0.48                           |                                         |                            |
| 25                      | South side of Lesure    | 1              |            |                   | 1                 |                     |                     |                               |           |           |                 |                 |                        |                        |                               |                               | 0.48                           |                                         |                            |
| 26                      | 18429 JC Lodge          | 1              |            | 1                 |                   |                     |                     |                               |           |           |                 |                 |                        | 20                     |                               |                               | 0.48                           |                                         |                            |
| 27                      | North side of Tracey    | 1              |            |                   | 1                 |                     |                     |                               |           |           |                 |                 |                        | 34                     |                               |                               | 0.48                           |                                         |                            |
| 28                      | 18325 JC Lodge          | 1              |            | 1                 |                   |                     |                     |                               |           |           |                 |                 |                        | 12                     |                               |                               | 0.48                           |                                         |                            |
| 29                      | South side Schaefer     | 1              |            | 1                 |                   |                     |                     |                               |           |           |                 |                 |                        | 20                     |                               |                               | 0.48                           |                                         |                            |
| 30                      | North side of Curtis    | 1              |            | 1                 |                   |                     |                     |                               |           |           |                 |                 |                        |                        |                               |                               | 0.48                           |                                         |                            |
| <b>Total Quantities</b> |                         | <b>15</b>      | <b>0</b>   | <b>0</b>          | <b>10</b>         | <b>5</b>            | <b>0</b>            | <b>0</b>                      | <b>0</b>  | <b>0</b>  | <b>0</b>        | <b>0</b>        | <b>0</b>               | <b>200</b>             | <b>0.00</b>                   | <b>0.00</b>                   | <b>7.20</b>                    | <b>0.00</b>                             | <b>0.00</b>                |

**FIELD INSPECTOR:** Lenoris Elliott (SOMAT)

**REVIEWED BY:**
**DATE:** 05/06/21

**DATE:**

## \_DR STRUCTURE COVER, MODIFIED, ADJ, ITEM CODE 4037050

**DATE:** Thursday, May 06, 2021

**OWNER:** City of Detroit

**JOB NUMBER:** PW-7018

**CONTRACTOR:** Ajax Paving Industries

**PROJECT NAME:** PW-7018 City of Detroit Resurfacing 2020

**PROJECT ENGINEER:** Jim Petronski

**LOCATION:** Detroit, MI

**SHEETS:** 3 OF 4

### SOUTHBOUND JC LODGE SERVICE DRIVE from VASSAR to WYOMING

| LOCATION                        | Adj,<br>Case 1 | Adj,<br>Case 2 | Type<br>CB | Type<br>PLD<br>HH | Type<br>PLD<br>MH | Type<br>Sewer<br>MH | Type<br>Water<br>MH | Type<br>Water<br>Valve<br>Box | Type<br>J | Type<br>K | Recon<br>Case 1 | Recon<br>Case 2 | Block<br>Concr.<br>EA. | Brick<br>Concr.<br>EA. | Concr.<br>Grade<br>P1<br>Cyd. | Concr.<br>Grade<br>S2<br>Cyd. | Concr.<br>Type<br>P-NC<br>Cyd. | Curing<br>Comp.<br>Clear<br>Gal.<br>Ea. | Mortar<br>Std.<br>Cyd./Ea. |
|---------------------------------|----------------|----------------|------------|-------------------|-------------------|---------------------|---------------------|-------------------------------|-----------|-----------|-----------------|-----------------|------------------------|------------------------|-------------------------------|-------------------------------|--------------------------------|-----------------------------------------|----------------------------|
| 31 South side of Curtis         | 1              |                |            |                   | 1                 |                     |                     |                               |           |           |                 |                 |                        | 16                     |                               |                               | 0.48                           |                                         |                            |
| 32 80 ft. south of Curtis       | 1              |                |            | 1                 |                   |                     |                     |                               |           |           |                 |                 |                        | 20                     |                               |                               | 0.48                           |                                         |                            |
| 33 Hartwell                     | 1              |                |            | 1                 |                   |                     |                     |                               |           |           |                 |                 |                        | 22                     |                               |                               | 0.48                           |                                         |                            |
| 34 60 ft. south of Hartwell     | 1              |                |            |                   | 1                 |                     |                     |                               |           |           |                 |                 |                        | 34                     |                               |                               | 0.48                           |                                         |                            |
| 35 18029 JC Lodge               | 1              |                |            | 1                 |                   |                     |                     |                               |           |           |                 |                 |                        |                        |                               |                               | 0.48                           |                                         |                            |
| 36 70 ft. south of Thatcher     | 1              |                |            | 1                 |                   |                     |                     |                               |           |           |                 |                 |                        |                        |                               |                               | 0.48                           |                                         |                            |
| 37 17589 JC Lodge               | 1              |                |            | 1                 |                   |                     |                     |                               |           |           |                 |                 |                        | 20                     |                               |                               | 0.48                           |                                         |                            |
| 38 50 ft. north of Outer Drive  | 1              |                |            | 1                 |                   |                     |                     |                               |           |           |                 |                 |                        | 10                     |                               |                               | 0.48                           |                                         |                            |
| 39 North side of Outer Drive    | 1              |                |            | 1                 |                   |                     |                     |                               |           |           |                 |                 |                        | 20                     |                               |                               | 0.48                           |                                         |                            |
| 40 South side of Outer Drive    | 1              |                |            | 1                 |                   |                     |                     |                               |           |           |                 |                 |                        |                        |                               |                               | 0.48                           |                                         |                            |
| 41 North side of Santa Clara    | 1              |                |            | 1                 |                   |                     |                     |                               |           |           |                 |                 |                        |                        |                               |                               | 0.48                           |                                         |                            |
| 42 60 ft. south of Santa Clara  | 1              |                |            | 1                 |                   |                     |                     |                               |           |           |                 |                 |                        | 22                     |                               |                               | 0.48                           |                                         |                            |
| 43 150 ft. south of Santa Clara | 1              |                |            |                   | 1                 |                     |                     |                               |           |           |                 |                 |                        |                        |                               |                               | 0.48                           |                                         |                            |
| 44 17371 JC Lodge               | 1              |                |            | 1                 |                   |                     |                     |                               |           |           |                 |                 |                        | 10                     |                               |                               | 0.48                           |                                         |                            |
| 45 Ward                         | 1              |                |            |                   | 1                 |                     |                     |                               |           |           |                 |                 |                        |                        |                               |                               | 0.48                           |                                         |                            |
| <b>Total Quantities</b>         | <b>15</b>      | <b>0</b>       | <b>0</b>   | <b>11</b>         | <b>4</b>          | <b>0</b>            | <b>0</b>            | <b>0</b>                      | <b>0</b>  | <b>0</b>  | <b>0</b>        | <b>0</b>        | <b>0</b>               | <b>174</b>             | <b>0.00</b>                   | <b>0.00</b>                   | <b>7.20</b>                    | <b>0.00</b>                             | <b>0.00</b>                |

**FIELD INSPECTOR:** Lenoris Elliott (SOMAT)

**DATE:** 05/06/21

**REVIEWED BY:** \_\_\_\_\_

**DATE:** \_\_\_\_\_



**\_DR STRUCTURE COVER, MODIFIED, ADJ, ITEM CODE 4037050**

**DATE:** Thursday, May 06, 2021

**OWNER:** City of Detroit

**JOB NUMBER:** PW-7018

**CONTRACTOR:** Ajax Paving Industries

**PROJECT NAME:** PW-7018 City of Detroit Resurfacing 2020

**PROJECT ENGINEER:** Jim Petronski

**LOCATION:** Detroit, MI

**SHEETS:** 4 OF 4

**SOUTHBOUND JC LODGE SERVICE DRIVE from VASSAR to WYOMING**

| LOCATION         |                           | Adj,<br>Case 1 | Adj,<br>Case 2 | Type<br>CB | Type<br>PLD<br>HH | Type<br>PLD<br>MH | Type<br>Sewer<br>MH | Type<br>Water<br>MH | Type<br>Water<br>Valve<br>Box | Type<br>J | Type<br>K | Recon<br>Case 1 | Recon<br>case 2 | Block<br>Concr.<br>EA. | Brick<br>Concr.<br>EA. | Concr.<br>Grade<br>P1<br>Cyd. | Concr.<br>Grade<br>S2<br>Cyd. | Concr.<br>Type<br>P-NC<br>Cyd. | Curing<br>Comp.<br>Clear<br>Gal.<br>Ea. | Mortar<br>Std.<br>Cyd./Ea. |
|------------------|---------------------------|----------------|----------------|------------|-------------------|-------------------|---------------------|---------------------|-------------------------------|-----------|-----------|-----------------|-----------------|------------------------|------------------------|-------------------------------|-------------------------------|--------------------------------|-----------------------------------------|----------------------------|
| 46               | North side of Santa Maria | 1              |                |            | 1                 |                   |                     |                     |                               |           |           |                 |                 |                        | 20                     |                               |                               | 0.48                           |                                         |                            |
| 47               | South side of Maria       | 1              |                |            |                   | 1                 |                     |                     |                               |           |           |                 |                 |                        |                        |                               |                               | 0.48                           |                                         |                            |
| 48               | 17201 JC Lodge            | 1              |                |            | 1                 |                   |                     |                     |                               |           |           |                 |                 |                        | 4                      |                               |                               | 0.48                           |                                         |                            |
| 49               | North side of Sorrento    | 1              |                |            | 1                 |                   |                     |                     |                               |           |           |                 |                 |                        | 20                     |                               |                               | 0.48                           |                                         |                            |
| 50               |                           |                |                |            |                   |                   |                     |                     |                               |           |           |                 |                 |                        |                        |                               |                               |                                |                                         |                            |
| 51               |                           |                |                |            |                   |                   |                     |                     |                               |           |           |                 |                 |                        |                        |                               |                               |                                |                                         |                            |
| 52               |                           |                |                |            |                   |                   |                     |                     |                               |           |           |                 |                 |                        |                        |                               |                               |                                |                                         |                            |
| 53               |                           |                |                |            |                   |                   |                     |                     |                               |           |           |                 |                 |                        |                        |                               |                               |                                |                                         |                            |
| 54               |                           |                |                |            |                   |                   |                     |                     |                               |           |           |                 |                 |                        |                        |                               |                               |                                |                                         |                            |
| 55               |                           |                |                |            |                   |                   |                     |                     |                               |           |           |                 |                 |                        |                        |                               |                               |                                |                                         |                            |
| 56               |                           |                |                |            |                   |                   |                     |                     |                               |           |           |                 |                 |                        |                        |                               |                               |                                |                                         |                            |
| 57               |                           |                |                |            |                   |                   |                     |                     |                               |           |           |                 |                 |                        |                        |                               |                               |                                |                                         |                            |
| 58               |                           |                |                |            |                   |                   |                     |                     |                               |           |           |                 |                 |                        |                        |                               |                               |                                |                                         |                            |
| 59               |                           |                |                |            |                   |                   |                     |                     |                               |           |           |                 |                 |                        |                        |                               |                               |                                |                                         |                            |
| 60               |                           |                |                |            |                   |                   |                     |                     |                               |           |           |                 |                 |                        |                        |                               |                               |                                |                                         |                            |
| Total Quantities |                           | 4              | 0              | 0          | 3                 | 1                 | 0                   | 0                   | 0                             | 0         | 0         | 0               | 0               | 0                      | 44                     | 0.00                          | 0.00                          | 1.92                           | 0.00                                    | 0.00                       |

**FIELD INSPECTOR:** Lenoris Elliott (SOMAT)

**DATE:** 05/06/21

**REVIEWED BY:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

Lodge Frwy Serv. Dr. Vassar to Keeler

| INSPECTOR: Dwight Elliott |                   |                                           |                                               |                                               |                                                 |                                                 |                                                        |                                               |                                                   |                  |                                  |  |       |       |                       |                                     |
|---------------------------|-------------------|-------------------------------------------|-----------------------------------------------|-----------------------------------------------|-------------------------------------------------|-------------------------------------------------|--------------------------------------------------------|-----------------------------------------------|---------------------------------------------------|------------------|----------------------------------|--|-------|-------|-----------------------|-------------------------------------|
| Left Lane                 | TYPE OF STRUCTURE | #11-Dr Structure Cover, Type CB, Modified | #12-Dr Structure Cover, Type PLD HH, Modified | #13-Dr Structure Cover, Type PLD MH, Modified | #14-Dr Structure Cover, Type Sewer MH, Modified | #15-Dr Structure Cover, Type Water MH, Modified | #16-Dr Structure Cover, Type Water Valve Box, Modified | #18-Dr Structure Cover, Adj, Case 1, Modified | #20-Reconstructing Dr Structure, Case 1, Modified | #88-Monument Box | #90-Water Shutoff, Adj, Modified |  | BRICK | BLOCK | #4-Curb Rem, Modified | #36-Curb, Conc, Detail CD, Modified |
| 1 N/S Hubbell             | MH                |                                           |                                               | 1                                             |                                                 |                                                 |                                                        | 1                                             |                                                   |                  |                                  |  | —     | —     |                       |                                     |
| 2 S/S Hubbell             | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                   |                  |                                  |  | 20    | —     |                       |                                     |
| 3 100'S/Hubbell           | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                   |                  |                                  |  | —     | —     |                       |                                     |
| 4 200'S/ "                | MH                |                                           |                                               | 1                                             |                                                 |                                                 |                                                        | 1                                             |                                                   |                  |                                  |  | —     | —     |                       |                                     |
| 5 100'S/Cambridge         | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                   |                  |                                  |  | 20    | —     |                       |                                     |
| 6 Strathmore              | MH                |                                           |                                               | 1                                             |                                                 |                                                 |                                                        | 1                                             |                                                   |                  |                                  |  | 12    | —     |                       |                                     |
| 7 50'S/Strathmore         | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                   |                  |                                  |  | 22    | —     |                       |                                     |
| 8 100'S/ "                | CB                | 1                                         |                                               |                                               |                                                 |                                                 |                                                        | 1                                             |                                                   |                  |                                  |  | 20    | —     | 4.6'                  | 4.6'                                |
| 9 120'S/ "                | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                   |                  |                                  |  | —     | —     |                       |                                     |
| 10 Tapoff Ramp            | CB                | Reuse                                     |                                               |                                               |                                                 |                                                 |                                                        | 1                                             |                                                   |                  |                                  |  | 22    | 16    | 4.2                   | 4.2'                                |
| 11 150' N/7 mile          | MH                |                                           |                                               | 1                                             |                                                 |                                                 |                                                        | 1                                             |                                                   |                  |                                  |  | 34    | —     |                       |                                     |
| 12 100' N/7 mile          | SW                |                                           |                                               |                                               | 1                                               |                                                 |                                                        | 1                                             |                                                   |                  |                                  |  | 20    | —     |                       |                                     |
| 13 100' N/Freeland        | CB                | Reuse                                     |                                               |                                               |                                                 |                                                 |                                                        | 1                                             |                                                   |                  |                                  |  | —     | 7     | 5'                    | 5'                                  |
| 14 at Freeland            | MH                |                                           |                                               | 1                                             |                                                 |                                                 |                                                        | 1                                             |                                                   |                  |                                  |  | —     | —     |                       |                                     |
| 15 50' N/Clarita          | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                   |                  |                                  |  | 20    | —     |                       |                                     |
| 16 S/S Clarita            | MH                |                                           |                                               | 1                                             |                                                 |                                                 |                                                        | 1                                             |                                                   |                  |                                  |  | —     | —     |                       |                                     |
| 17 N/S Ardmore            | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                   |                  |                                  |  | 22    | —     |                       |                                     |
| 18 S/S Ardmore            | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                   |                  |                                  |  | 20    | —     |                       |                                     |
| 19 18677                  | MH                |                                           |                                               | 1                                             |                                                 |                                                 |                                                        | 1                                             |                                                   |                  |                                  |  | 10    | —     |                       |                                     |
| 20 18637                  | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                   |                  |                                  |  | 20    | —     |                       |                                     |
| 21 50' S/Margaret         | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                   |                  |                                  |  | —     | —     |                       |                                     |
| 22 at Margaret            | MH                |                                           |                                               | 1                                             |                                                 |                                                 |                                                        | 1                                             |                                                   |                  |                                  |  | —     | —     |                       |                                     |
| 23 150' N/Lesure          | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                   |                  |                                  |  | 20    | —     |                       |                                     |
| 24 N/S Lesure             | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                   |                  |                                  |  | 22    | —     |                       |                                     |
| 25 S/S Lesure             | MH                |                                           |                                               | 1                                             |                                                 |                                                 |                                                        | 1                                             |                                                   |                  |                                  |  | —     | —     |                       |                                     |
| TOTAL                     |                   | 1                                         | 12                                            | 9                                             | 1                                               |                                                 |                                                        | 24                                            | 1                                                 |                  |                                  |  | 304   | 23    | 13.8                  | 13.8                                |

PROJECT: PW7018

STREET: S/B Lodge Srvc Drive: Vassar to Keeler

MDOT STRUCTURE WORKSHEET Page 2 of 2

DATE: 5-6-21  
INSPECTOR: Dwight + Elliot

| Left Lane Cont'd LOCATIONS |                   | TYPE OF STRUCTURE | #11-Dr Structure Cover, Type CB, Modified | #12-Dr Structure Cover, Type PLD HH, Modified | #13-Dr Structure Cover, Type PLD MH, Modified | #14-Dr Structure Cover, Type Sewer MH, Modified | #15-Dr Structure Cover, Type Water MH, Modified | #16-Dr Structure Cover, Type Water Valve Box, Modified | #18-Dr Structure Cover, Adj, Case 1, Modified | #20-Reconstructin g Dr Structure, Case 1, Modified | #88-Monument Box | #90-Water Shutoff, Adj, Modified | BRICK | BLOCK | #4-Curb Rem, Modified | #36-Curb, Conc, Detail CD, Modified |
|----------------------------|-------------------|-------------------|-------------------------------------------|-----------------------------------------------|-----------------------------------------------|-------------------------------------------------|-------------------------------------------------|--------------------------------------------------------|-----------------------------------------------|----------------------------------------------------|------------------|----------------------------------|-------|-------|-----------------------|-------------------------------------|
| 1                          | 18429             | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                    |                  |                                  | 20    | -     |                       |                                     |
| 2                          | N/S Tracey        | MH                |                                           |                                               | 1                                             |                                                 |                                                 |                                                        | 1                                             |                                                    |                  |                                  | 34    | -     |                       |                                     |
| 3                          | 18325             | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                    |                  |                                  | 12    | -     |                       |                                     |
| 4                          | S/S Schaefer      | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                    |                  |                                  | 20    | -     |                       |                                     |
| 5                          | N/S Curtis        | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                    |                  |                                  | -     | -     |                       |                                     |
| 6                          | S/S Curtis        | MH                |                                           |                                               | 1                                             |                                                 |                                                 |                                                        | 1                                             |                                                    |                  |                                  | 16    | -     |                       |                                     |
| 7                          | 80'S/Curtis       | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                    |                  |                                  | 20    | -     |                       |                                     |
| 8                          | at Hartwell       | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                    |                  |                                  | 22    | -     |                       |                                     |
| 9                          | 60'S/Hartwell     | MH                |                                           |                                               | 1                                             |                                                 |                                                 |                                                        | 1                                             |                                                    |                  |                                  | 34    | -     |                       |                                     |
| 10                         | 18029             | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                    |                  |                                  | -     | -     |                       |                                     |
| 11                         | 70'S/Thatcher     | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                    |                  |                                  | -     | -     |                       |                                     |
| 12                         | 17589             | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                    |                  |                                  | 20    | -     |                       |                                     |
| 13                         | 50'N/outer Dr.    | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                    |                  |                                  | 10    | -     |                       |                                     |
| 14                         | N/S Outer Dr.     | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                    |                  |                                  | 20    | -     |                       |                                     |
| 15                         | S/S Outer Dr.     | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                    |                  |                                  | -     | -     |                       |                                     |
| 16                         | N/S Santa Clara   | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                    |                  |                                  | -     | -     |                       |                                     |
| 17                         | 60'S/Santa Clara  | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                    |                  |                                  | 22    | -     |                       |                                     |
| 18                         | 150'S/Santa Clara | MH                |                                           |                                               | 1                                             |                                                 |                                                 |                                                        | 1                                             |                                                    |                  |                                  | -     | -     |                       |                                     |
| 19                         | 17371             | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                    |                  |                                  | 10    | -     |                       |                                     |
| 20                         | Ward              | MH                |                                           |                                               | 1                                             |                                                 |                                                 |                                                        | 1                                             |                                                    |                  |                                  | -     | -     |                       |                                     |
| 21                         | N/S Santa Maria   | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                    |                  |                                  | 20    | -     |                       |                                     |
| 22                         | S/S "             | MH                |                                           |                                               | 1                                             |                                                 |                                                 |                                                        | 1                                             |                                                    |                  |                                  | -     | -     |                       |                                     |
| 23                         | 17201             | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                    |                  |                                  | 4     | -     |                       |                                     |
| 24                         | N/S Sorrento      | HH                |                                           | 1                                             |                                               |                                                 |                                                 |                                                        | 1                                             |                                                    |                  |                                  | 20    | -     |                       |                                     |
| 25                         |                   |                   |                                           |                                               |                                               |                                                 |                                                 |                                                        |                                               |                                                    |                  |                                  |       |       |                       |                                     |
| TOTAL                      |                   |                   |                                           | 18                                            | 6                                             |                                                 |                                                 |                                                        | 24                                            |                                                    |                  |                                  | 304   |       |                       |                                     |

# INSPECTOR'S REPORT OF CONCRETE PLACED - Roadway

DISTRIBUTION: ORIGINAL – Construction Project Engineer Files COPY - CFS

|                                                            |  |                                                             |                   |
|------------------------------------------------------------|--|-------------------------------------------------------------|-------------------|
| CONTRACTOR<br>Ajax Paving Industries                       |  | GENERAL NAME OF PROJECT<br>City of Detroit Resurfacing 2020 |                   |
| SUBCONTRACTOR<br>Fort Wayne Contracting                    |  | CONTROL SECTION ID – JOB NUMBER<br>PW-7018                  |                   |
| CONCRETE SUPPLIER<br>SRM Concrete, Plant No.1 (JMF_P-NCOM) |  | ROUTE<br>SB JC Lodge SD from Vassar to Wyoming              |                   |
| MAXIMUM TIME<br>90 Minutes                                 |  | STRUCTURE NUMBER<br>N/A                                     |                   |
| WEATHER<br>Mostly Cloudy 42 A.M. Mostly Cloudy 57 P.M.     |  | REPORT NUMBER                                               | DATE<br>5/06/2021 |

|                                                  |         |
|--------------------------------------------------|---------|
| MAX. WATER ADDED PER CYD<br>N/A GALLONS          | REASON: |
| BEAMS/CYLINDERS MADE (Sta, Time, #, etc.)<br>N/A |         |
| CURING COMPND. USED<br>GALLONS 0.14              |         |

|                           |            |          |                            |       |                  |                             |            |          |                 |       |                  |
|---------------------------|------------|----------|----------------------------|-------|------------------|-----------------------------|------------|----------|-----------------|-------|------------------|
| Intended Air 5.5% to 8.5% |            |          | TEMPERATURES – AIR – SLUMP |       |                  | Intended Slump 0.0" to 6.0" |            |          |                 |       |                  |
| TIME                      | ATMOSPHERE | CONCRETE | *AIR CONTENT %             | SLUMP | CYLINDERS/ BEAMS | TIME                        | ATMOSPHERE | CONCRETE | *AIR CONTENTS % | SLUMP | CYLINDERS/ BEAMS |
| 12:10PM                   | 56         | 69       | 7.8                        | 5.0   | 2/0 QA           |                             |            |          |                 |       |                  |
| 12:10PM                   | 55         | 69       | 7.8                        | 5.0   | 4/0 QC           |                             |            |          |                 |       |                  |
|                           |            |          |                            |       |                  |                             |            |          |                 |       |                  |
|                           |            |          |                            |       |                  |                             |            |          |                 |       |                  |
|                           |            |          |                            |       |                  |                             |            |          |                 |       |                  |
|                           |            |          |                            |       |                  |                             |            |          |                 |       |                  |

| LOT # | LOT SIZE | SUBLOT # | SUBLOT SIZE | RANDOM # | QA Cylinder ID |  | Discrepancy Cylinder |  |
|-------|----------|----------|-------------|----------|----------------|--|----------------------|--|
|       |          |          |             |          |                |  |                      |  |
|       |          |          |             |          |                |  |                      |  |
|       |          |          |             |          |                |  |                      |  |
|       |          |          |             |          |                |  |                      |  |
|       |          |          |             |          |                |  |                      |  |
|       |          |          |             |          |                |  |                      |  |
|       |          |          |             |          |                |  |                      |  |

COMMENTS

| ITEM OR CODE NO. | STA. TO STA.               | GRADE OF CONC. | LENGTH | WIDTH | DEPTH | MEASURED SQ. OR CU. YARDS | CYDS. PLAN | CYDS. USED | CYDS. WASTE | OVER UNDER % |
|------------------|----------------------------|----------------|--------|-------|-------|---------------------------|------------|------------|-------------|--------------|
| 4037050          | Structure Location 1 to 13 | PNC            | Vary   | Vary  | Vary  | N/A                       | N/A        | 6.0        | 0.0         | N/A          |
| 4037050          | Structure Location 1 to 49 | PNC            | Vary   | Vary  | Vary  | N/A                       | N/A        | 23.52      | 0.0         | N/A          |
| 6037001          | Three locations (Curb)     | PNC            | 13.8   | Vary  | Vary  | N/A                       | N/A        | 0.48       | 0.0         | N/A          |
|                  |                            |                |        |       |       |                           |            |            |             |              |
|                  |                            |                |        |       |       |                           |            |            |             |              |
|                  |                            |                |        |       |       |                           |            |            |             |              |

REMARKS OR COMPUTATIONS Concrete field tests represent Structure Location No.1 to No.13.  
(Use back if necessary)

Refer to attached Field Measurement Report for specific locations.

24.0 cyd delivered / 24.0 cyd used

|                                                     |                   |
|-----------------------------------------------------|-------------------|
| MIX OR STREET TECHNICIAN<br>Lenoris Elliott (Somat) | DATE<br>5-06-2021 |
|-----------------------------------------------------|-------------------|



Somat Engineering, Inc.

26445 Northline Rd, Taylor, MI 48180

Tel: 734-946-4966 Fax: 734-946-1147

LAP 12SP-604A-09

REPORT NUMBER: 601 SHEET: 1 OF 1

## CONCRETE QA CORRELATION

DATE: 5/6/2021

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: Dwight

CONTRACTOR: Fort Wayne

QC COMPANY: CCT

QC TESTER: Romerio

### CONCRETE INFORMATION

|                   |         |                            |         |
|-------------------|---------|----------------------------|---------|
| CONCRETE COMPANY: | SRM     | TRUCK NUMBER:              | 3709    |
| MIX DESIGN #:     | P-NCOM  | PLANT LOCATION (CITY):     | Detroit |
| CONCRETE GRADE:   | PNC     | TOTAL QUANTITY (CYDS):     | 24      |
| PWL/NON-PWL:      | NON-PWL | QUANTITY AT SAMPLE (CYDS): | 1       |

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

Structures on Southbound Lodge between Vassar and Wyoming

### TEST RESULTS

|                        | QC (CONTRACTOR) | QA (SOMAT) | TOLERANCE       | MEETS TOLERANCE (Y/N) |
|------------------------|-----------------|------------|-----------------|-----------------------|
| SAMPLE TIME (Hrs/Min): | 12:10PM         |            |                 |                       |
| AIR CONTENT (%):       | 7.60            | 7.80       | +/- 0.8 PERCENT | YES                   |
| CONCRETE TEMP. (°F):   | 69              | 69         | +/- 2.0 DEGREES | YES                   |
| AIR TEMP. (°F):        | 56              | 56         |                 |                       |

### REMARKS:

|                       |                      |       |          |
|-----------------------|----------------------|-------|----------|
| FIELD REPRESENTATIVE: | Robert Clark         | DATE: | 5/6/2021 |
| 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.



## 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 | 05/06/2021             |
| Project Name             | PW-7018 HMA Mill & Resurfacing 2020 | Specimen Type     | Concrete Cylinder      |
| Project Number           | 2020073E                            | Contractor        | Fort Wayne Contracting |
| Project Location         | Detroit, MI                         | Concrete Supplier | SRM Concrete           |
| MDOT Job Number          |                                     | Field Tested By   | Robert Clark           |
| MDOT Control Section     |                                     | Date Issued       | 05/06/2021             |
| Results Recorded In      | English Units                       |                   |                        |
| Supplier Mix Description | MDOT P-NC W/MR WO/NCA               |                   |                        |

### DESIGN PARAMETER

|                                   |             |                |      |                                    |
|-----------------------------------|-------------|----------------|------|------------------------------------|
| Mix Design Number                 | 0769 P-NC0M |                |      |                                    |
| 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 24.00 +/- yds<sup>3</sup>/ft<sup>3</sup> of concrete at the following location: Structures on Southbound Lodge between Vassar and Wyoming

| 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> ) |
|-------------|-----------|----------------------|---------------------------|----------------------------------------------|---------------|--------------------------|-----------------------|-------------------|-------------------------------------------------------------------------|
| 12:10 AM    | 3709      | 5.00                 | 7.80                      | 0.0                                          | 56            | 69                       | 1                     | 0                 | 1                                                                       |

### 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                     | 83271                 |               |                               |              |               |                 | 28                              | 06/03/2021  |                             |                               |
| 1                     | 83272                 |               |                               |              |               |                 | 28                              | 06/03/2021  |                             |                               |

**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 FIELD QA/QC INSPECTION REPORT

[illegible]

**General Location:**

| Test No.      | Cylinder ID | Location:              |
|---------------|-------------|------------------------|
| 1             | Set         | JAMES COVENS & HUBBELL |
|               |             |                        |
|               |             |                        |
|               |             |                        |
|               |             |                        |
|               |             |                        |
|               |             |                        |
|               |             |                        |
|               |             |                        |
|               |             |                        |
| Total Volume: | 6           |                        |

Client: FWC

Comments:

**Client:**

Date:

CCT No.:

Page:

Construction Consulting & Testing, Inc. P. O. Box 287 Waterville, Ohio 43566  
Ph: 419-878-7304 Fax: 419-878-7305

Date: 5/6