



City of Detroit

Inspector's Daily Report

8/20/2020 5:45 PM

FieldManager 5.3c

Contract: _PW-7018, City of Detroit Resurfacing 2020

IDR Date 8/15/2020	Day of Week Saturday	Seq. No. 1	Import Date 8/21/2020	Project Engineer Jim Petronski - WSP	Construction Engineer Abdul Siddiqui - City of Detroit
Inspector's Initials-Name DW Damian Welborne				Federal Project Number	Elec. Attachments None
Prime Contractor Fort Wayne Contracting / Ajax Paving Industries, a joint ven					
Entered By DW, Damian Welborne		Revised By		Revision Date	Revision No.
Temperatures Low: 68 ° F High: 84 ° F		Weather Mostly Sunny			



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Comments

Wyoming Avenue from McNichols Road to 8 Mile Road.

Fort Wayne Contracting (FWC), Foreman Derek.

7:00 AM - 2:30 PM

FWC added to the preset channelizers along northbound and southbound Wyoming Ave. from the south ROW of McNichols Rd. to the south ROW of 8 Mile Rd.

Working only in the center lane along Wyoming Ave., FWC saw cut around, removed asphalt leveling course from around, removed existing concrete underlayment from around and removed existing covers from gate well, street box, sewer and survey monument structures. FWC then installed new covers, adjusting them to the final wear course grade with mortar, brick and block, and cast new concrete underlayment around same.

TOTAL - 3 Sewer Structures Adjusted with new Covers;
TOTAL - 3 Gate Well Structures Adjusted with new Covers;
TOTAL - 2 Street Box Structure Adjusted with new Cover; and,
TOTAL - 3 Monument Structure Adjustements.

QA Somat Engineering – 85*f / 6.5% air / 5" slump;
QC Construction Consulting & Testing – 83*f / 6.4% air / - " slump.

Visitors:

- None approached to or sought after by the writer.

Traffic:

- - No incidents today.

Attachments:

- Fort Wayne Contracting MDOT Structure Worksheet (hard copy);
- McCoig Mix # P1-NCOM concrete ticket No. 1 - 6.0 YDS (hard copy);
- QA Somat Engineering Concrete Correlation Report (electronic copy);
- QA Somat Engineering Concrete Cylinder Test Report (electronic copy); and,
- QC Construction Consulting & Testing Concrete Field Inspection Report (hard copy).

Covid-19 check: 96.9*f



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Contractors

Contractor's Name	Personnel	No.	Hrs.	Equipment	No.	Hrs.
Fort Wayne Contracting, Inc.	Finisher	2	6.00	Concrete Saw, Core Cut CC6571	1	2.00
	Finisher Foreman (Derek)	1	2.00	Dump Truck, Ford 5 YRD	1	3.00
	Laborer	4	12.00	Dump Truck, Intenational 5YRD	2	6.00
	Machine Operator	1	2.00	Excavator, Bobcat 331	1	0.00
	Operator	4	12.00	Loader, Cat 914K	1	3.00
				Mini-Loader, Bobcat S650	1	0.00
				Mini-Loader, Bobcat S650	3	9.00
				Mixer, MultiQuip	1	3.00
				Pick-Up Truck, Ford	1	2.00
				Portable Toilet	1	3.00
				Steak Truck, Dodge	1	2.00
				Steak Truck, Ford	4	12.00

Item Postings

Item/Material Description	Item Code	Prop. Line	Project	Category	Quantity	Unit	Location	Brkdwn ID	Attn
_ Dr Structure Cover, Adj, Case 1, 4037050 0930 PW-7018 Modifie d, Adj					3.000	Ea	Wyoming Avenue from McNichols Road to 8 Mile Road.		
Contractor: Fort Wayne Contracting, Inc.									
Item Remarks: Gate Well									
Brick, Concrete					64.00	Ea			
Material Remarks: Materials: Carlesimo Products. Visually identified and accepted.									
Concrete, Type P-NC					1.74	Cyd			
Material Remarks: Materials: McCoig P-NCOM. Visually identified and accepted.									
Mortar, Standard					13.40	Cyd			
Material Remarks: Materials: LaFarge Type N Mortar. Visually Identified and accepted.									



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Dr Structure Cover, Adj, Case 1, 4037050 0930 PW-7018 Modifie d, Adj Contractor: Fort Wayne Contracting, Inc. Item Remarks: Sewer MH				0000	3.000	Ea	Wyoming Avenue from McNichols Road to 8 Mile Road.		
Block, Concrete Material Remarks: Materials: Carlesimo Products. Visually identified and accepted.					7.00	Ea			
Brick, Concrete Material Remarks: Materials: Carlesimo Products. Visually identified and accepted.					42.00	Ea			
Concrete, Type P-NC Material Remarks: Materials: McCoig P-NCOM. Visually identified and accepted.					1.74	Cyd			
Mortar, Standard Material Remarks: Materials: LaFarge Type N Mortar. Visually identified and accepted.					9.70	Cyd			
Dr Structure Cover, Type Sewer 4037050 0960 PW-7018 MH, Modif ied, Adj Contractor: Fort Wayne Contracting, Inc.				0000	3.000	Ea	Wyoming Avenue from McNichols Road to 8 Mile Road.		
Structure Cover, MH, Type Sewer Material Remarks: Materials: East Jordan Iron Works. Visually identified and accepted.					3.00	Ea			
Dr Structure Cover, Type Water 4037050 0965 PW-7018 MH, Modif ied, Adj Contractor: Fort Wayne Contracting, Inc.				0000	3.000	Ea	Wyoming Avenue from McNichols Road to 8 Mile Road.		
Structure Cover, MH, Type Water Material Remarks: Materials: East Jordan Iron Works. Visually identified and accepted.					3.00	Ea			
Dr Structure Cover, Type Water 4037050 0970 PW-7018 Valve Box , Modified, Adj Contractor: Fort Wayne Contracting, Inc.				0000	2.000	Ea	Wyoming Avenue from McNichols Road to 8 Mile Road.		
Structure Cover, Type Water Valve Box Material Remarks: Materials: East Jordan Iron Works. Visually identified and accepted.					2.00	Ea			



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Item/Material Description	Item Code	Prop. Line	Project	Category	Quantity	Unit	Location	Brkdwn ID	Attn
_ Water Shutoff, Adj, Modified Contractor: Fort Wayne Contracting, Inc.	_823705	0900	PW-7018	0000	2.000	Ea	Wyoming Avenue from McNichols Road to 8 Mile Road.		
Item Remarks: Street Box									
Concrete, Type P-NC Material Remarks: Materials: McCoig P-NCOM. Visually identified and accepted.							0.92 Cyd		
Curing Compound, Clear Material Remarks: Materials: W.R. Meadows Sealtight 1100 Clear. Visually inspected and accepted.							0.04 Gal		
Mortar, Standard Material Remarks: Materials: LaFarge Type N Mortar. Visually Identified and accepted.							0.20 Cyd		
Monument Preservation, Vertical Contractor: Fort Wayne Contracting / Ajax Paving Industries, a joint ven	_821001	0890	PW-7018	0000	3.000	Ea	Wyoming Avenue from McNichols Road to 8 Mile Road.		

Reviewed By:

Carly Taylor

Carly Taylor

Aug 31 2020 12:20 PM

(Signature)

(Date)



Concrete Cylinder Test Report

PROJECT INFO - DRAFT ONLY

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

Client	WSP	Date Of Placement	08/15/2020
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	McCoig Materials LLC
MDOT Job Number		Field Tested By	Will faelduna
MDOT Control Section		Date Issued	08/15/2020

Results Recorded In	English Units
Supplier Mix Description	MDOT P-NC W/MR WO/NCA

DESIGN PARAMETER

Mix Design Number	0769 P-NCOM				
Design Compressive Strength (psi)	3500				
Air (% Max)	8.5	Slump (in Max)	6.00	Unit Weight (lbs/ft ³)	
Air (% Min)	5.5	Slump (in Min)	3.00		

TESTING DATA

Placed	6.00	+/- yds ³ /ft ³ of concrete at the following location:	Structures along Wyoming between 6 mile rd and 8 mile rd.
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Time Tested	Truck Num	Slump ASTM C143 (in)	Air ASTM C231 or C173 (%)	Unit Weight ASTM C138 (lbs/ft ³)	Air Temp (°F)	Mix Temp ASTM C1064 (°F)	Concrete Cylinder Set	Water Added (gal)	Cumulative Concrete Placed At Test (yds ³ /ft ³)
9:10 AM	1462	5.00	6.50	0.0	71	85	1	0	6

MATERIAL DATA

Concrete Cylinder Set	Concrete Cylinder Num	Diameter (in)	X-Sec Area (in ²)	Weight (lbs)	Fracture Type	Capping Process	Age Of Concrete Cylinder (Days)	Date Tested	Total Load At Failure (lbs)	Cumulative Strength (psi/mpa)
1	79583						28	09/12/2020		
1	79584						28	09/12/2020		

Average 28 Day Compressive Strength (psi): 0

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

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

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

*Average Compressive Strength results did not meet project specifications.

Remarks:	
Results Reported To:	
Report Approved By:	Will faelduna



CONCRETE QA CORRELATION

DATE: 8/15/2020
MDOT CONTROL SECTION: N/A
MDOT JOB NUMBER: N/A
SOMAT JOB NUMBER: 2020073E (PW-7018)
PROJECT NAME: HMA Mill & Resurfacing 2020
CITY: Detroit, MI

CLIENT: CoD/WSP
PROJECT ENGINEER: Jason Lukasik, P.E.
INSPECTOR: Damian W.
CONTRACTOR: Fort Wayne Contracting
QC COMPANY: CCT
QC TESTER: Ian

CONCRETE INFORMATION

CONCRETE COMPANY:	McCoig	TRUCK NUMBER:	1462
MIX DESIGN #:	P-NCOM	PLANT LOCATION (CITY):	Detroit
CONCRETE GRADE:	P-NC	TOTAL QUANTITY (CYDS):	6
PWL/NON-PWL:	NON	QUANTITY AT SAMPLE (CYDS):	6

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

Structures on Wyoming between 6 mile rd and 8 mile rd.

TEST RESULTS

	QC (CONTRACTOR)	QA (SOMAT)	TOLERANCE	MEETS TOLERANCE (Y/N)
SAMPLE TIME (Hrs/Min):	09:10am			
AIR CONTENT (%):	6.40	6.50	+/- 0.8 PERCENT	YES
CONCRETE TEMP. (°F):	83	85	+/- 2.0 DEGREES	YES
AIR TEMP. (°F):	71	71		

REMARKS:

FIELD REPRESENTATIVE: W. Faelduna

DATE: 8/15/2020

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

DATE:

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