



City of Detroit

Inspector's Daily Report

8/18/2020 7:16 AM

FieldManager 5.3c

Contract: _PW-7018, City of Detroit Resurfacing 2020

IDR Date 8/7/2020	Day of Week Friday	Seq. No. 1	Import Date 8/18/2020	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: 61 ° F High: 79 ° F		Weather Sunny			



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Comments

Carpenter Avenue from Dequinder Street to Conant Street.

Fort Wayne Contracting (FWC), Foreman Derek.

7:00 AM - 5:00 PM

Channelizers were preset for FWC along eastbound and westbound Carpenter Ave. from the east ROW of Dequinder St. to the west ROW of Conant St.

Along Carpenter Ave. FWC saw cut around, removed asphalt leveling course from around, removed existing concrete underlayment from around and removed existing covers from gate well, stop box, sewer and catch basin structures. FWC then installed new covers, adjusting them to the wear course grade with mortar, brick and block, and cast new concrete underlayment around same.

- - Note: Hamtramck DPW Contractor repaired and backfilled water main break located at the southeast corner of Carpenter St. and Lumpkin St.

TOTAL - 13 Catch Basin Structures Adjusted with new Covers;

TOTAL - 6 Sewer Structures Adjusted with new Covers;

TOTAL - 5 Gate Well Structures Adjusted with new Covers; and,

TOTAL - 1 Street Box Structure adjusted with new Cover.

QA Somat Engineering – 80*f / 6.2% air / 5" slump;

QC Construction Consulting & Testing – 80*f / 6.0% 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 McCoig Mix # P1-NCOM Cool concrete tickets Nos. 1 thru 4 – 25.0 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: 97.6*f



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Contractors

Contractor's Name	Personnel	No.	Hrs.	Equipment	No.	Hrs.
Fort Wayne Contracting, Inc.	Finisher	1	9.50	Concret Saw, Core Cut CC6571	1	4.00
	Finisher	1	9.00			
	Finisher Foreman (Derek)	1	9.00	Dump Truck, Ford 5 YRD	1	9.50
	Laborer	3	27.00	Dump Truck, Intenational 5YRD	2	18.00
	Laborer	1	9.50	Excavator, Bobcat 331	1	0.00
	Machine Operator	1	4.00	Loader, VolvoL50C	1	9.50
	Operator	3	37.00	Mini-Loader, Bobcat S650	3	27.00
	Operator	1	9.50	Mini-Loader, Bobcat S650	1	0.00
				Mixer, MultiQuip	1	9.00
				Pick-Up Truck, Ford	1	9.50
				Pick-Up Truck, Ford	2	18.00
				Portable Toilet	1	9.00
				Steak Truck, Ford	4	36.00

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					5.000	Ea	Carpenter Avenue from Dequinder Street to Conant Street.		
Contractor: Fort Wayne Contracting, Inc.									
Item Remarks: Gate Wells									
Brick, Concrete					84.00	Ea			
Material Remarks: Materials: Carlesimo Products. Visually identified and accepted.									
Concrete, Type P-NC					2.30	Cyd			
Material Remarks: Materials: McCoig P-NCOM. Visually identified and accepted.									
_Dr Structure Cover, Adj, Case 1, 4037050 0930 PW-7018 Modifie d, Adj					6.000	Ea	Carpenter Avenue from Dequinder Street to Conant Street.		
Contractor: Fort Wayne Contracting, Inc.									
Item Remarks: Sewer MH									
Block, Concrete					0.00	Ea			
Material Remarks:									
Brick, Concrete					126.00	Ea			
Material Remarks: Materials: Carlesimo Products. Visually identified and accepted.									
Concrete, Type P-NC					2.76	Cyd			
Material Remarks: Materials: McCoig P-NCOM. Visually identified and accepted.									



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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, 4037050 Modifie d, Adj	0930	PW-7018		0000	13.000	Ea	Carpenter Avenue from Dequinder Street to Conant Street.		
Contractor: Fort Wayne Contracting, Inc.									
Item Remarks: Catch Basins									
Block, Concrete					12.00	Ea			
Material Remarks: Materials: Carlesimo Products. Visually identified and accepted.									
Brick, Concrete					164.00	Ea			
Material Remarks: Materials: Carlesimo Products. Visually identified and accepted.									
Concrete, Type P-NC					5.98	Cyd			
Material Remarks: Materials: McCoig P-NCOM. Visually identified and accepted.									
Dr Structure Cover, Type CB, 4037050 Modified, A dj	0940	PW-7018		0000	13.000	Ea	Carpenter Avenue from Dequinder Street to Conant Street.		
Contractor: Fort Wayne Contracting, Inc.									
Structure Cover, Type CB					13.00	Ea			
Material Remarks: Materials: East Jordan Iron Works. Visually identified and accepted.									
Dr Structure Cover, Type Sewer 4037050 MH, Modif ied, Adj	0960	PW-7018		0000	6.000	Ea	Carpenter Avenue from Dequinder Street to Conant Street.		
Contractor: Fort Wayne Contracting, Inc.									
Structure Cover, MH, Type Sewer					6.00	Ea			
Material Remarks: Materials: East Jordan Iron Works. Visually identified and accepted.									
Dr Structure Cover, Type Water 4037050 MH, Modif ied, Adj	0965	PW-7018		0000	5.000	Ea	Carpenter Avenue from Dequinder Street to Conant Street.		
Contractor: Fort Wayne Contracting, Inc.									
Structure Cover, MH, Type Water					5.00	Ea			
Material Remarks: Materials: East Jordan Iron Works. Visually identified and accepted.									
Dr Structure Cover, Type Water 4037050 Valve Box , Modified, Adj	0970	PW-7018		0000	1.000	Ea	Carpenter Avenue from Dequinder Street to Conant Street.		
Contractor: Fort Wayne Contracting, Inc.									
Structure Cover, Type Water Valve Box					1.00	Ea			
Material Remarks: Materials: East Jordan Iron Works. Visually identified and accepted.									



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Item Postings

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	1.000	Ea	Carpenter Avenue from Dequinder Street to Conant Street.		

Item Remarks: Stop Box

Concrete, Type P-NC

0.46 Cyd

Material Remarks: Materials: McCoig P-NCOM.
Visually identified and accepted.

Curing Compound, Clear

0.16 Gal

Material Remarks: Materials: W.R. Meadows Sealtight 1100 Clear.
Visually inspected and accepted.

Mortar, Standard

0.10 Cyd

Material Remarks: Materials: LaFarge Type N Mortar.
Visually Identified and accepted.

Reviewed By: Carly Taylor Carly Taylor
Aug 31 2020 12:12 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	08/07/2020
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	Cody Cervelli
MDOT Control Section		Date Issued	08/08/2020

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	25.00	+/- yds ³ /ft ³ of concrete at the following location:	Structure Adjustments on Carpenter & Conant St. From Conant to Dequindre.
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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)
11:05 AM	816	5.00	6.20	0.0	75	80	1	0	1

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	79398						28	09/04/2020		
1	79399						28	09/04/2020		

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:	Cody Cervelli



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	08/07/2020
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	Cody Cervelli
MDOT Control Section		Date Issued	08/08/2020
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
Air (% Min)	5.5	Slump (in Min)	3.00

TESTING DATA

Placed 25.00 +/- yds ³ /ft ³ of concrete at the following location: Structure Adjustments on Carpenter & Conant St. From Conant to Dequindre.									
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)
11:05 AM	816	5.00	6.20	0.0	75	80	1	0	1

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	79400									
1	79401									

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:	only 1 set of cylinders were made for 8/7/20.
Results Reported To:	
Report Approved By:	Cody Cervelli



CONCRETE QA CORRELATION

DATE: 8/7/2020
MDOT CONTROL SECTION: N/A
MDOT JOB NUMBER: N/A
SOMAT JOB NUMBER: 2020073E (PW-7018)
PROJECT NAME: HMA Mill & Resurfacing 2020
CITY: Detroit, MI

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

CONCRETE INFORMATION

CONCRETE COMPANY:	McCoig	TRUCK NUMBER:	816
MIX DESIGN #:	P-NCOM	PLANT LOCATION (CITY):	Detroit
CONCRETE GRADE:	PNC	TOTAL QUANTITY (CYDS):	25
PWL/NON-PWL:	NON-PWL	QUANTITY AT SAMPLE (CYDS):	1

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

Structure Adjustments on Carpenter & Conant St.

TEST RESULTS

	QC (CONTRACTOR)	QA (SOMAT)	TOLERANCE	MEETS TOLERANCE (Y/N)
SAMPLE TIME (Hrs/Min):	11:05 AM			
AIR CONTENT (%):	6.00	6.20	+/- 0.8 PERCENT	YES
CONCRETE TEMP. (°F):	80	80	+/- 2.0 DEGREES	YES
AIR TEMP. (°F):	75	75		

REMARKS:

FIELD REPRESENTATIVE: Cody Cervelli

DATE: 8/7/2020

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

DATE:

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