



City of Detroit

Inspector's Daily Report

8/20/2020 5:44 PM

FieldManager 5.3c

Contract: _PW-7018, City of Detroit Resurfacing 2020

IDR Date 8/11/2020	Day of Week Tuesday	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: 72 ° F High: 86 ° F		Weather Mostly Cloudy			



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Comments

Tireman Avenue from Spinoza Street to the Southfield Service Drive.

West Side Concrete (WSC), Superintendent Lety Deleon.

7:30 AM - - PM (the writer was relieved on this day)

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

Along Tireman Ave., WSC removed existing sidewalk, placed aggregate base, compacted existing and new aggregate base, removed existing curb, excavated to attain design depth for curb replacement, set forms and cast new concrete sidewalks and curbs. Both the sidewalk and curb work were broom finished and curing compound was applied.

TOTAL – 159.72 SYD Sidewalk removed;

TOTAL – 1312.50 SFT 4 INCH Sidewalk cast; and,

TOTAL – 125.00 SFT 6 INCH Sidewalk cast.

TOTAL – 27.50 FT Curb removed;

TOTAL – 27.50 FT Detail CD Curb cast;

TOTAL – 0.00 FT Integral concrete Curb cast;

McCoig Mix # P1-DETM (33.00 CYD).

QA Somat Engineering - 86°F / 7.2% air / -" slump; and,

QC Driesenga Associates - 87°F / 7.0% air / 5-3/4" slump.

Visitors:

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

Traffic:

- No incidents today.

Attachments:

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

Covid-19 check: 97.8°F



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Contractors

Contractor's Name	Personnel	No.	Hrs.	Equipment	No.	Hrs.
West Side Concrete Company	Finisher	3	27.00	Backhoe, Case 580M	1	9.00
	Labor Foreman (Corando)	1	9.00	Dump Truck, Sterling 5 Yrd	2	18.00
	Laborer	4	36.00	Dump Truck, White GMC, 3 Yrd	1	9.00
	Operator	4	36.00	Mini-Loader, Cat 262D, with Rammer 77E	1	4.50
	Superintndent (Lety)	1	4.50	Breaker		
				Pick-Up, Ford	3	27.00
				Pick-Up, Licoln	1	4.50
				Steak Truck, Ford	1	9.00
				Tamper, MBW	1	9.00

Item Postings

Item/Material Description	Item Code	Prop. Line	Project	Category	Quantity	Unit	Location	Brkdwn ID	Attn
_ Curb, Conc, Detail CD, Modified _60370010360 PW-7018 0000 27.500 Ft Tireman Avenue from Spinoza Street to the Southfield Service Drive.									
Contractor: West Side Concrete Company									
Concrete, Grade P1						1.02	Cyd		
Material Remarks: Materials: McCiog Mix # P1- DETM. Visually identified and accepted.									
Curing Compound, White						0.28	Gal		
Material Remarks: Materials: Chem Master Safe Cure 1000 MDOT Visually identified and accepted.									
Joint Filler, Fiber						0.00	Syd		
Material Remarks: Included with 4 INCH Sidewalk.									
_ Curb, Rem, Modified _2047002 0040 PW-7018 0000 27.500 Ft Tireman Avenue from Spinoza Street to the Southfield Service Drive.									
Contractor: West Side Concrete Company									
_ Sidewalk, Conc, 4 inch, Modified _80270110400 PW-7018 0000 1,312.500 Sft Tireman Avenue from Spinoza Street to the Southfield Service Drive.									
Contractor: West Side Concrete Company									
Concrete, Grade P1						16.04	Cyd		
Material Remarks: Materials: McCiog Mix # P1- DETM. Visually identified and accepted.									
Curing Compound, White						5.83	Gal		
Material Remarks: Materials: Chem Master Safe Cure 1000 MDOT Visually identified and accepted.									
Joint Filler, Fiber						3.45	Syd		
Material Remarks: Material: W.R. Meadows Sealtight. 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
Sidewalk, Conc, 6 inch, Modified	_8027012	0410	PW-7018	0000	125.000	Sft	Tireman Avenue from Spinoza Street to the Southfield Service Drive.		
Contractor: West Side Concrete Company									
Concrete, Grade P1							1.53	Cyd	
Material Remarks: Materials: McCiog Mix # P1- DETM. Visually identified and accepted.									
Curing Compound, White							0.56	Gal	
Material Remarks: Materials: Chem Master Safe Cure 1000 MDOT Visually identified and accepted.									
Joint Filler, Fiber							0.00	Syd	
Material Remarks: Included with 4 INCH Sidewalk.									
Sidewalk, Rem	_204005	0030	PW-7018	0000	159.720	Syd	Tireman Avenue from Spinoza Street to the Southfield Service Drive.		
Contractor: West Side Concrete Company									

Reviewed By: Carly Taylor Carly Taylor
Aug 31 2020 12:14 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	08/11/2020
Project Name	PW-7018 HMA Mill & Resurfacing 2020	Specimen Type	Concrete Cylinder
Project Number	2020073E	Contractor	WEST SIDE
Project Location	Detroit, MI	Concrete Supplier	McCoig Materials LLC
MDOT Job Number		Field Tested By	jaden Riley
MDOT Control Section		Date Issued	08/12/2020
Results Recorded In	English Units		
Supplier Mix Description	MDOT P1 + MR - 6" Slump		

DESIGN PARAMETER

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

TESTING DATA

Placed 30.00 +/- yds ³ /ft ³ of concrete at the following location: Sidewalk Repair, Tireman from Dequindre to Conant St, various locations.									
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)
9:20 AM	4816	5.00	7.20	0.0	76	86	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	79442						28	09/08/2020		
1	79443						28	09/08/2020		

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:	jaden Riley



CONCRETE QA CORRELATION

DATE: 8/11/2020
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
CONTRACTOR: West Side
QC COMPANY: Driesenga
QC TESTER: Mekehwon

CONCRETE INFORMATION

CONCRETE COMPANY:	McCoig Materials	TRUCK NUMBER:	4816
MIX DESIGN #:	P1-DETM	PLANT LOCATION (CITY):	Detroit
CONCRETE GRADE:	P1	TOTAL QUANTITY (CYDS):	30
PWL/NON-PWL:	non pwl	QUANTITY AT SAMPLE (CYDS):	1

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

Tireman Ave & Pledmont St.

TEST RESULTS

	QC (CONTRACTOR)	QA (SOMAT)	TOLERANCE	MEETS TOLERANCE (Y/N)
SAMPLE TIME (Hrs/Min):	9:20 AM			
AIR CONTENT (%):	7.00	7.20	+/- 0.8 PERCENT	yes
CONCRETE TEMP. (°F):	87	86	+/- 2.0 DEGREES	YES
AIR TEMP. (°F):	76	76		

REMARKS:

Sidewalk repair, various locations on Tireman from Dequindre to Conant.

FIELD REPRESENTATIVE: Jaden Riley

DATE: 8/11/2020

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

DATE:

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

SIDEWALK & CURB REMOVAL LOCATIONS

DATE: 2020-08-11					OWNER: City of Detroit		
JOB NUMBER: PW-7018					CONTRACTOR: Ajax Paving Industries		
PROJECT NAME: City of Detroit Resurfacing 2020					PROJECT ENGINEER: Jim Petronski		
LOCATION: Tireman Avenue, Detroit, MI					SHEETS: 1 of 1		
Sidewalk					Curb		
ADDRESS	Length (ft)	Width (ft)	SFT	Comments	ADDRESS	Length (ft)	Comment
19200	21.00	5.00	105.00		19200	14.00	
19200	5.00	6.00	30.00	6 INCH	19200	13.50	
19650	16.00	5.00	80.00				
19650	10.50	5.00	52.50				
19814	10.50	5.00	52.50				
NW Corner at Evergreen	20.00	5.00	100.00				
20014	19.00	5.00	95.00				
20022	9.00	6.00	54.00				
20034 & 20040	32.00	5.00	160.00				
20034 & 20040	13.00	5.00	65.00	6 INCH			
20040	4.00	10.50	42.00	Lead Access			
20112	12.50	5.00	62.50				
20124	3.00	5.00	15.00	6 INCH			
20124	23.00	5.00	115.00				
20124	3.00	5.00	15.00	6 INCH			
20132	25.00	5.00	125.00				
20140	25.00	5.00	125.00				
20418	11.00	6.00	66.00				
20434	13.00	6.00	78.00				
Total Quantities			1,437.50	Total Quantities		27.50	

FIELD INSPECTOR: D. Welborne
 REVIEWED BY: _____

DATE: 2020-08-10
 DATE: _____