



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 8/13/2020	Day of Week Thursday	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: 63 ° F High: 84 ° F		Weather Sunny			



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Comments

ONE CONTRACTOR / TWO SITES.

FIRST SITE. Southfield Service Drive from Plymouth Road to Schoolcraft.

West Side Concrete (WSC), Superintendent Lety Deleon.

7:30 AM - 5:30 PM

WSC adjusted channelizers that had been set up along northbound Southfield Srv. Dr. from Plymouth Rd. to Schoolcraft.

Along the Southfield Srv. Dr., 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 – 109.33 SYD Sidewalk removed;
TOTAL – 984.00 SFT 4 INCH Sidewalk cast; and,
TOTAL – 0.00 SFT 6 INCH Sidewalk cast.

TOTAL – 264.00 FT Curb removed;
TOTAL – 264.00 FT Detail CD Curb cast;
TOTAL - 0.00 FT Integral concrete Curb cast;

McCoig Mix # P1-SW (24.00 CYD).

QA Somat Engineering - 84°F / 5.2% air / -" slump; and,
QC Driesenga Associates - 82°F / 5.3% air / 2-1/2" slump.

Visitors:

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

Traffic:

- No incidents today.

SECOND SITE. Tireman Avenue from Spinoza Street to the Southfield Freeway.

West Side Concrete (WSC), Superintendent Lety Deleon.

7:30 AM - 5:30 PM

WSC adjusted channelizers that had been set up along eastbound and westbound Tireman Ave., from Burt Rd. to the Southfield Fwy.

Along the 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; however,

- - WSC cast approximately 2.00 CYD's of the concrete from McCoig Truck #4807 on the Southfield Srv. Dr. and then sent the balance of Truck #4807 to Tireman Ave. BATCH TIME WAS 13:53 HRS; ARRIVAL AT TIREMAN WAS AT 1535 HRS. THE WRITER REJECTED THIS CONCRETE. WSC cast sidewalks at 20730, 20738, 20746 & 20750 Tireman Ave. anyway. The quantities for the above addresses are not herein posted.

TOTAL – 0.00 SYD Sidewalk removed;



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TOTAL – 0.00 SYD Sidewalk removed;
 TOTAL – 0.00 SFT 4 INCH Sidewalk cast; and,
 TOTAL – 0.00 SFT 6 INCH Sidewalk cast.

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

McCoig Mix # P1-SW (8.00 CYD); and,

QA Somat Engineering – not present; and,
 QC Driesenga Associates – not present.

Visitors:

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

Traffic:

- No incidents today.

Attachments:

- Sidewalk & Curbs Removal worksheet – Southfield (electronic copy);
- Sidewalk & Curbs Removal worksheet – Tireman (electronic copy);
- McGiog Mix # P1-SW concrete tickets Nos. 1 thru 3 – 32.00 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: 96.9°F

Contractors

Contractor's Name	Personnel	No.	Hrs.	Equipment	No.	Hrs.
West Side Concrete Company	Finisher	4	38.00	Backhoe, Case 580M	1	9.50
	Labor Foreman (Corando)	1	0.00	Dump Truck, Sterling 5 Yrd	2	19.00
	Laborer	6	57.00	Dump Truck, White GMC, 3 Yrd	1	9.50
	Operator	3	28.50	Excavator, Cat 305E2	1	9.50
	Superintndent (Lety)	1	4.50	Mini-Loader, Cat 262D, with Rammer 77E Breaker	1	9.50
				Pick-Up, Ford	3	28.50
				Pick-Up, Licoln	1	4.50
				Steak Truck, Ford	2	19.00
				Tamper, MBW	1	9.50



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Item Postings

Item/Material Description	Item Code	Prop. Line	Project	Category	Quantity	Unit	Location	Brkdwn ID	Attn
_ Curb, Conc, Detail CD, Modified Contractor: West Side Concrete Company	_6037001	0360	PW-7018	0000	264.000	Ft	Southfield Service Drive from Plymouth Road to Schoolcraft.		
Concrete, Grade P1 Material Remarks: Materials: McGiog Mix # P1-SW. Visually identified and accepted.					9.47	Cyd			
Curing Compound, White Material Remarks: Materials: Chem Master Safe Cure 1000 MDOT Visually identified and accepted.					1.17	Gal			
Joint Filler, Fiber Material Remarks: Included with 4 INCH Sidewalk.					0.00	Syd			
_ Curb, Rem, Modified Contractor: West Side Concrete Company	_2047002	0040	PW-7018	0000	264.000	Ft	Southfield Service Drive from Plymouth Road to Schoolcraft.		
_ Sidewalk, Conc, 4 inch, Modified Contractor: West Side Concrete Company	_8027011	0400	PW-7018	0000	984.000	Sft	Southfield Service Drive from Plymouth Road to Schoolcraft.		
Concrete, Grade P1 Material Remarks: Materials: McGiog Mix # P1-SW. Visually identified and accepted.					12.03	Cyd			
Curing Compound, White Material Remarks: Materials: Chem Master Safe Cure 1000 MDOT Visually identified and accepted.					4.37	Gal			
Joint Filler, Fiber Material Remarks: Material: W.R. Meadows Sealtight. Visually identified and accepted.					1.98	Syd			
Sidewalk, Rem Contractor: West Side Concrete Company	_2040055	0030	PW-7018	0000	109.330	Syd	Southfield Service Drive from Plymouth Road to Schoolcraft.		

Reviewed By: Carly Taylor Carly Taylor
Aug 31 2020 12:16 PM
(Signature)

(Date)



CONCRETE QA CORRELATION

DATE: 8/13/2020
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: westside construction
QC COMPANY: Driesinga
QC TESTER: Mekehwon

CONCRETE INFORMATION

CONCRETE COMPANY:	McCoig	TRUCK NUMBER:	2402
MIX DESIGN #:	P1-SW	PLANT LOCATION (CITY):	Detroit
CONCRETE GRADE:	P1	TOTAL QUANTITY (CYDS):	32
PWL/NON-PWL:	NON-PWL	QUANTITY AT SAMPLE (CYDS):	3

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

Southfield service drive curb between Plymouth and Schoolcraft and Tireman Ave.

TEST RESULTS

	QC (CONTRACTOR)	QA (SOMAT)	TOLERANCE	MEETS TOLERANCE (Y/N)
SAMPLE TIME (Hrs/Min):	11:20am			
AIR CONTENT (%):	5.40	5.20	+/- 0.8 PERCENT	YES
CONCRETE TEMP. (°F):	82	84	+/- 2.0 DEGREES	YES
AIR TEMP. (°F):	85	85		

REMARKS:

The last 8 yds cast on Tireman Ave Rejected as placement began after 90 min time limit

FIELD REPRESENTATIVE:	R. Clark	DATE:	8/13/2020
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.



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	08/13/2020
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
MDOT Job Number		Field Tested By	Robert Clark
MDOT Control Section		Date Issued	08/13/2020

Results Recorded In	English Units
Supplier Mix Description	Pavement & Curb

DESIGN PARAMETER

Mix Design Number	0771 P1-SW				
Design Compressive Strength (psi)	3500				
Air (% Max)	8.5	Slump (in Max)	3.00	Unit Weight (lbs/ft ³)	
Air (% Min)	5.5	Slump (in Min)	0		

TESTING DATA

Placed 32.00 +/- yds ³ /ft ³ of concrete at the following location: Southfield service drive curb between Plymouth and Schoolcraft and Tireman Ave									
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)
11:20 AM	2402	2.50	5.20	0.0	85	84	1	0	3

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	79493						28	09/10/2020		
1	79494						28	09/10/2020		

Average 28 Day Compressive Strength (psi): 0

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

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

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

*Average Compressive Strength results did not meet project specifications.

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

SIDEWALK & CURB REMOVAL LOCATIONS

DATE: 2020-08-13				OWNER: City of Detroit			
JOB NUMBER: PW-7018				CONTRACTOR: Ajax Paving Industries			
PROJECT NAME: City of Detroit Resurfacing 2020				PROJECT ENGINEER: Jim Petronski			
LOCATION: Southfield Service Drive, Detroit, MI				SHEETS: 1 of 1			
Sidewalk					Curb		
ADDRESS	Length (ft)	Width (ft)	SFT	Comments	ADDRESS	Length (ft)	Comment
NE corner at Plymouth	18.00	6.00	108.00		33 FT S of Wadsworth, RL	38.00	
125 FT N of Wadsworth	6.00	6.00	36.00		73 FT S of Wadsworth, RL	38.00	
264 FT N of Davison, RL	40.00	6.00	240.00		67 FT N of Glendale, LL	39.00	
13552 & 13556	40.00	6.00	240.00		81 FT N of Glendale, LL	69.00	
13618	60.00	6.00	360.00		90 FT S of Davison, LL	13.00	
			0.00		137 FT S of Davison, RL	24.00	
			0.00		117 FT S of Davison, RL	6.00	
			0.00		112 FT S of Davison, RL	5.00	
			0.00		13608 & 13612, LL	32.00	
			0.00				
			0.00				
			0.00				
			0.00				
Total Quantities			984.00		Total Quantities	264.00	

FIELD INSPECTOR: D. Welborne
REVIEWED BY: _____

DATE: 2020-08-13
DATE: _____

SIDEWALK & CURB REMOVAL LOCATIONS

DATE: 2020-08-13					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
20730	0.00	0.00	0.00	39.0 FT x 5.0 FT (Conc. Rejected)			
20738	0.00	0.00	0.00	26.0 FT x 5.0 FT (Conc. Rejected)			
20738	0.00	0.00	0.00	Acc Stp. 3.0 FT x 1.5 FT (Conc. Rejected)			
20746	0.00	0.00	0.00	35.5 FT x 5.0 FT (Conc. Rejected)			
20750	0.00	0.00	0.00	4.5 FT x 5.0 FT (Conc. Rejected)			
20750	0.00	0.00	0.00	6 INCH 9.0 FT x 15.5 FT (Conc. Rejected)			
			0.00				
			0.00				
			0.00				
			0.00				
			0.00				
			0.00				
			0.00				
			0.00				
Total Quantities			0.00	Total Quantities			0.00

FIELD INSPECTOR: D. Welborne

REVIEWED BY: _____

DATE: 2020-08-13

DATE: _____