



City of Detroit

Inspector's Daily Report

8/23/2020 4:31 PM

FieldManager 5.3c

Contract: _PW-7018, City of Detroit Resurfacing 2020

IDR Date 8/17/2020	Day of Week Monday	Seq. No. 1	Import Date 8/26/2020	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: 64 ° F High: 82 ° F		Weather Rain			



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Comments

ONE CONTRACTOR / TWO SITES.

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

TOTAL - 92.39 SYD Sidewalk removed;
TOTAL - 677.50 SFT 4 INCH Sidewalk cast; and,
TOTAL - 210.00 SFT 6 INCH Sidewalk cast.

TOTAL - 136.50 FT Curb removed;
TOTAL - 136.50 FT Detail CD Curb cast; and,
TOTAL - 0.00 FT Integral concrete Curb cast.

McCoig Mix # P1-SM (11.00 CYD); and,
McCoig Mix # P1-SW (8.50 CYD).

QA Somat Engineering - 80°F / 6.0% air / 5" slump (McCoig Mix # P1-SM);
QA Somat Engineering - 82°F / 4.8% air / 2" slump (McCoig Mix # P1-SW); and,
QC Driesenga Associates - 80°F / 6.7% air / - " slump (McCoig Mix # P1-SM).

Visitors:

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

Traffic:

- No incidents today.

SECOND SITE. Wyoming Avenue from McNichols Road to 8 Mile Road.

West Side Concrete (WSC), Superintendent Lety Deleon.

7:30 AM - 5:30 PM

WSC adjusted channelizers that had been set up along northbound Wyoming Ave., from McNichols Rd. to the Curtis St

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

- - Note: The sidewalk and apron replaced at the Marathon Gas Station located at the northeast corner of Wyoming Ave. and McNichols Rd. is 8 INCHES thick.

TOTAL - 25.78 SYD Sidewalk removed;
TOTAL - 0.00 SFT 4 INCH Sidewalk cast; and,



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TOTAL - 0.00 SFT 4 INCH Sidewalk cast, and,
TOTAL - 232.00 SFT 8 INCH Sidewalk cast.

TOTAL - 42.00 FT Curb removed;
TOTAL - 0.00 FT Detail CD Curb cast; and,
TOTAL - 42.00 FT Integral concrete Curb cast.

McCoig Mix # P1-SM (11.00 CYD).

QA Somat Engineering - -*F / - % air / -" slump; and,
QC Driesenga Associates - -*F / - % air / -" slump.

Visitors:

- Sam from ABS Storage Products seeking private work at 17540 Wyoming Ave. from WSC.

Traffic:

- No incidents today.

McCoig Mix # P1-SM (11.00 CYD).

Attachments:

- Sidewalk & Curbs Removal worksheet – Tireman (electronic copy);
- Sidewalk & Curbs Removal worksheet – Wyoming (electronic copy);
- McCoig Mix # P1-SM & P1-SW concrete tickets Nos. 1 thru 3 – 30.50 CYD (hard copy);
- QA Somat Engineering Concrete Correlation Report (electronic copy);
- QA Somat Engineering Concrete Cylinder Test 1 Report (electronic copy);
- QA Somat Engineering Concrete Cylinder Test 2 Report (electronic copy);
- QC Driesenga Concrete Field Test Report (hard copy); and
- MDOT 1174 Inspector's Report of Concrete Placed (electronic copy).

Covid-19 check: 96.6°F

Contractors

Contractor's Name	Personnel	No.	Hrs.	Equipment	No.	Hrs.
West Side Concrete Company	Finisher	4	38.00	Backhoe, Case 580M	2	19.00
	Labor Foreman (Corando)	1	9.50	Concrete Saw, Magnum PS-6585	1	9.50
	Laborer	4	38.00	Dump Truck, Sterling 5 Yrd	1	9.50
	Operator	2	19.00	Mini-Loader, Cat 262D, with Rammer 77E	1	9.50
	Superintendent (Lety)	1	4.50	Breaker		
				Pick-Up, Ford	3	28.50
				Pick-Up, Lincoln	1	4.50
				Steak Truck, Ford	1	9.50
				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	_6037001	0360	PW-7018	0000	149.500	Ft	Tireman Avenue from Spinoza Street to the Southfield Freeway.		
Contractor: West Side Concrete Company									
Concrete, Grade P1						5.36	Cyd		
Material Remarks: Materials: McGiog Mix # P1-SW. Visually identified and accepted.									
Curing Compound, White						0.66	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	149.500	Ft	Tireman Avenue from Spinoza Street to the Southfield Freeway.		
Contractor: West Side Concrete Company									
_ Sidewalk, Conc, 4 inch, Modified	_8027011	0400	PW-7018	0000	677.500	Sft	Tireman Avenue from Spinoza Street to the Southfield Freeway.		
Contractor: West Side Concrete Company									
Concrete, Grade P1						8.28	Cyd		
Material Remarks: Materials: McGiog Mix # P1-SM. Visually identified and accepted.									
Curing Compound, White						3.01	Gal		
Material Remarks: Materials: Chem Master Safe Cure 1000 MDOT Visually identified and accepted.									
Joint Filler, Fiber						2.22	Syd		
Material Remarks: Material: W.R. Meadows Sealtight. Visually identified and accepted.									
_ Sidewalk, Conc, 6 inch, Modified	_8027012	0410	PW-7018	0000	232.000	Sft	Wyoming Avenue from McNichols Road to 8 Mile Road.		
Contractor: West Side Concrete Company									
Item Remarks: 8 INCH at Marathon Gas Station									
Concrete, Grade P1						5.76	Cyd		
Material Remarks: Materials: McGiog Mix # P1-SM. Visually identified and accepted.									
Curing Compound, White						1.03	Gal		
Material Remarks: Materials: Chem Master Safe Cure 1000 MDOT Visually identified and accepted.									
Joint Filler, Fiber						0.33	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	210.000	Sft	Tireman Avenue from Spinoza Street to the Southfield Freeway.		
Contractor: West Side Concrete Company									
Concrete, Grade P1							3.89	Cyd	
Material Remarks: Materials: McGiog Mix # P1-SM. Visually identified and accepted.									
Curing Compound, White							0.93	Gal	
Material Remarks: Materials: Chem Master Safe Cure 1000 MDOT Visually identified and accepted.									
Joint Filler, Fiber							0.00	Syd	
Material Remarks: Include with 4 INCH Sidewalk									
_ Integral Curb and Sidewalk, 2 feet, Modified	_8037001	0430	PW-7018	0000	42.000	Ft	Wyoming Avenue from McNichols Road to 8 Mile Road.		
Contractor: West Side Concrete Company									
Concrete, Grade P1							2.53	Cyd	
Material Remarks: Materials: McGiog Mix # P1-SW. Visually identified and accepted.									
Curing Compound, White							0.56	Gal	
Material Remarks: Materials: Chem Master Safe Cure 1000 MDOT Visually identified and accepted.									
_ Integral Curb and Sidewalk, 2 feet, Rem, Modified	_2047001	0050	PW-7018	0000	42.000	Ft	Wyoming Avenue from McNichols Road to 8 Mile Road.		
Contractor: West Side Concrete Company									
Sidewalk, Rem	_2040055	0030	PW-7018	0000	25.780	Syd	Wyoming Avenue from McNichols Road to 8 Mile Road.		
Contractor: West Side Concrete Company									
Sidewalk, Rem	_2040055	0030	PW-7018	0000	92.390	Syd	Tireman Avenue from Spinoza Street to the Southfield Freeway.		
Contractor: West Side Concrete Company									

Reviewed By: Carly Taylor Carly Taylor
Aug 31 2020 12:22 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	08/17/2020
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	Alex Hinz
MDOT Control Section		Date Issued	08/17/2020

Results Recorded In	English Units
Supplier Mix Description	MDOT P1 S35 MR

DESIGN PARAMETER

Mix Design Number	0770 P1-SM				
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	11.00	+/- yds ³ /ft ³ of concrete at the following location:	Sidewalks on Tireman from Southfield Service Drive to Spinoza. Tested on Tireman at Warwick.
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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)
9:35 AM	2402	5.00	6.00	0.0	72	80	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	79612						28	09/14/2020		
1	79613						28	09/14/2020		

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:	Alex Hinz



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	08/17/2020
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	Alex Hinz
MDOT Control Section		Date Issued	08/17/2020
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 8.50 +/- yds ³ /ft ³ of concrete at the following location: Curbs on Tireman from Southfield Service Drive to Spinoza. Tested on Tireman at Stout.									
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)
12:55 PM	2436	2.00	4.80	0.0	81	82	1	0	4

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	79614						28	09/14/2020		
1	79615						28	09/14/2020		

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:	Alex Hinz



CONCRETE QA CORRELATION

DATE: 8/17/2020
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: West Side
QC COMPANY: Driesenga
QC TESTER: Joe

CONCRETE INFORMATION

CONCRETE COMPANY:	McCoig Materials	TRUCK NUMBER:	2402
MIX DESIGN #:	P1-SM	PLANT LOCATION (CITY):	Detroit
CONCRETE GRADE:	P1	TOTAL QUANTITY (CYDS):	11
PWL/NON-PWL:	NON-PWL	QUANTITY AT SAMPLE (CYDS):	3

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

Sidewalks on Tireman from Southfield Service Drive to Spinoza. Tested on Tireman at Warwick.

TEST RESULTS

	QC (CONTRACTOR)	QA (SOMAT)	TOLERANCE	MEETS TOLERANCE (Y/N)
SAMPLE TIME (Hrs/Min):	9:35AM			
AIR CONTENT (%):	6.70	6.00	+/- 0.8 PERCENT	YES
CONCRETE TEMP. (°F):	80	80	+/- 2.0 DEGREES	YES
AIR TEMP. (°F):	72	72		

REMARKS:

FIELD REPRESENTATIVE: Alexander Hinz

DATE: 8/17/2020

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: 2020-08-17					OWNER: City of Detroit		
JOB NUMBER: PW-7018					CONTRACTOR: Ajax Paving Industries		
PROJECT NAME: PW-7018 City of Detroit Resurfacing 202					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
19127	20.50	5.00	102.50		SE corner at Pierson	23.00	
19119	31.00	5.00	155.00		20745	16.00	
19015	11.00	5.00	55.00	6 INCH	20725	13.00	
19015	11.00	4.00	44.00	6 INCH Apron	-		
19001	20.00	5.00	100.00		Ashton to Rosemont	26.00	
Artesian to Stahelin	11.00	5.00	55.00	6 INCH	NW corner Stout	8.50	
Artesian to Stahelin	36.00	5.00	180.00		NW corner Fielding	32.00	
Penrod to Rosemont	10.00	5.00	50.00		20830	13.00	
-			0.00		20836	10.00	
20836	6.00	15.00	90.00	Lead Access	20836	4.00	East of Catch Basin
			0.00		20836	4.00	West of Catch Basin
			0.00				
			0.00				
			0.00				
			0.00				
			0.00				
			0.00				
			0.00				
Total Quantities			831.50		Total Quantities	149.50	

FIELD INSPECTOR: D. Welborne
REVIEWED BY: _____

DATE: 2020-08-17
DATE: _____