



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 8/6/2020	Day of Week Thursday	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: 77 ° F		Weather Sunny			



Inspector's Daily Report

Comments

Forest Avenue from Trumbull Street to John R Street.

West Side Concrete (WSC), Superintendent Lety Deleon.

7:30 AM - 6:30 PM

WSC set up channelizers along eastbound Forest Ave., from Second Ave. to John R St.

Along the Forest 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. The work was broom finished and curing compound was applied.

WSC also stripped forms from concrete cast on Forest Ave. from Second Ave. to John R St. And began restoration of berms and lawns at Sidewalks and curbs cast on Forest Ave. from the Lodge Fwy. To Third St.

TOTAL - 0.00 FT Detail CD Curb previously removed;
TOTAL - 0.00 FT Detail CD Curb removed this day;
TOTAL - 0.00 FT concrete Curb cast this day, McCoig Mix # P1-SM;
TOTAL - 165.00 FT Integral Curb removed this day;
TOTAL - 0.00 FT Integral concrete Curb cast this day, McCoig Mix # P1-SM;
TOTAL - 108.00 SYD Sidewalk previously removed; and,
TOTAL - 176.44 SYD Sidewalk removed this day;
TOTAL - 1865.00 SFT 4 INCH Sidewalk cast this day; and,
TOTAL - 440.00 SFT 6 INCH Sidewalk cast this day.

QA Somat Engineering - 80°F / 6.4% air / - " slump.

QC Driesenga Associates - 78°F / 6.6% air / 4-3/4" slump.

Visitors:

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

Traffic:

- No incidents today.

Attachments:

- Sidewalk Removals worksheet (electronic copy);
- Curb Removals worksheet (electronic copy);
- McCoig Mix # P1-SM concrete tickets Nos. 1 thru 4 - 41.50 YDS (hard copy);
- QA Somat Engineering Concrete Correlation Report (electronic copy);
- QA Somat Engineering Concrete Cylinder Test Report (electronic copy);
- QC Driesenga Concrete Field Test Report (hard copy);
- QC Driesenga Corrective Action Form (hard copy); and,
- MDOT 1174R Report.

Covid-19 check: 97.1°F



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Contractors

Contractor's Name	Personnel	No.	Hrs.	Equipment	No.	Hrs.
West Side Concrete Company	Finisher	3	30.00	Backhoe, Case 580M	1	10.00
	Labor Foreman (Corando)	1	10.00	Dump Truck, Sterling 5 Yrd	1	10.00
	Laborer	6	60.00	Dump Truck, White GMC, 3 Yrd	1	10.00
	Operator	2	20.00	Mini-Loader, Cat 262D, with Rammer 77E	1	2.00
	Superintndent (Lety)	1	5.00	Breaker		
				Pick-Up, Ford	3	30.00
				Pick-Up, Licoln	1	5.00
				Steak Truck, Ford	2	20.00
				Tamper, MBW	1	10.00

Item Postings

Item/Material Description	Item Code	Prop. Line	Project	Category	Quantity	Unit	Location	Brkdwn ID	Attn
_ Sidewalk, Conc, 4 inch, Modified	_80270110400	PW-7018		0000	1,865.000	Sft	Forest Ave., from Second Ave. to John R St.		
Contractor: West Side Concrete Company									
Concrete, Grade P1							22.79 Cyd		
Material Remarks: Materials: McGiog Mix # P1-SM. Visually identified and accepted.									
Curing Compound, White							74.60 Gal		
Material Remarks: Materials: Chem Master Safe Cure 1000 MDOT Visually identified and accepted.									
Joint Filler, Fiber							3.78 Syd		
Material Remarks: Material: W.R. Meadows Sealtight. Visually identified and accepted.									
_ Sidewalk, Conc, 6 inch, Modified	_80270120410	PW-7018		0000	440.000	Sft	Forest Avenue, from Second Avenue to John R Street.		
Contractor: West Side Concrete Company									
Concrete, Grade P1							5.38 Cyd		
Material Remarks: Materials: McGiog Mix # P1-SM. Visually identified and accepted.									
Curing Compound, White							17.60 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.									



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Item Postings

Item/Material Description	Item Code	Prop. Line	Project	Category	Quantity	Unit	Location	Brkdwn ID	Attn
_Integral Curb and Sidewalk, 2 feet, Modified	_8037001	0430	PW-7018	0000	63.750	Ft	Forest Avenue, from Second Avenue to John R Street.		
Contractor: West Side Concrete Company									
Concrete, Grade P1							22.36	Cyd	
Material Remarks: Materials: McGiog Mix # P1-SM. Visually identified and accepted.									
Curing Compound, White							7.65	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.									
_Integral Curb and Sidewalk, 2 feet, Rem, Modified	_2047001	0050	PW-7018	0000	21.750	Ft	Forest Avenue, from Second Avenue to John R Street.		
Contractor: West Side Concrete Company									
Sidewalk, Rem	_204005	0030	PW-7018	0000	176.440	Syd	Forest Avenue, from Second Avenue to John R Street.		
Contractor: West Side Concrete Company									

Reviewed By: Carly Taylor Carly Taylor
Aug 31 2020 12:09 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	08/06/2020
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	08/07/2020
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 39.00 +/- yds ³ /ft ³ of concrete at the following location: Sidewalks at West Forest From Trumbull and John R, 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)
9:15 AM	4816	4.75	6.40	0.0	69	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	79340									
1	79341									

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 Cylinder Test Report

PROJECT INFO - DRAFT ONLY

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

Client	WSP	Date Of Placement	08/06/2020
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	08/07/2020
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 39.00 +/- yds³/ft³ of concrete at the following location: Sidewalks at West Forest From Trumbull and John R, 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)
9:15 AM	4816	4.75	6.40	0.0	69	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	79342									
1	79343									

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//20
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: Dennis

CONCRETE INFORMATION

CONCRETE COMPANY:	McCoig Materials	TRUCK NUMBER:	4816
MIX DESIGN #:	P1-SM	PLANT LOCATION (CITY):	Detroit
CONCRETE GRADE:	P1	TOTAL QUANTITY (CYDS):	39
PWL/NON-PWL:	NON-PWL	QUANTITY AT SAMPLE (CYDS):	1

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

West Forest from Trumbull to John R street at various locations.

TEST RESULTS

	QC (CONTRACTOR)	QA (SOMAT)	TOLERANCE	MEETS TOLERANCE (Y/N)
SAMPLE TIME (Hrs/Min):	9:15am			
AIR CONTENT (%):	6.60	6.40	+/- 0.8 PERCENT	Yes
CONCRETE TEMP. (°F):	79	80	+/- 2.0 DEGREES	YES
AIR TEMP. (°F):	69	69		

REMARKS:

1 set of cylinders made.

FIELD REPRESENTATIVE: Jaden Riley

DATE: 8//20

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.



DATE: 2020-08-06

INSPECTOR'S REPORT OF CONCRETE PLACED - Roadway

DISTRIBUTION: ORIGINAL – Construction Project Engineer Files COPY - CFS

CONTRACTOR Fort Wayne Construction / AJAX Paving Industries		GENERAL NAME OF PROJECT PW - 7018 City of Detroit Major Streets	
SUBCONTRACTOR West Side Concrete		CONTROL SECTION ID – JOB NUMBER PW-7018	
CONCRETE SUPPLIER McCoig		ROUTE Forest Avenue	
MAXIMUM TIME 60		STRUCTURE NUMBER	
WEATHER 66 A.M. 77 P.M.		REPORT NUMBER	DATE 2020-08-06

MAX. WATER ADDED PER CYD 0 GALLONS	REASON:	
BEAMS/CYLINDERS MADE (Sta, Time, #, etc.) 4		CURING COMPND. USED GALLONS 99.8

Intended Air 6.5% to %			TEMPERATURES – AIR – SLUMP			Intended Slump 5" to "					
TIME	ATMOSPHERE	CONCRETE	*AIR CONTENT %	SLUMP	CYLINDERS/ BEAMS	TIME	ATMOSPHERE	CONCRETE	*AIR CONTENTS %	SLUMP	CYLINDERS/ BEAMS
0913	67	78	6.8	4-3/4	4						

LOT #	LOT SIZE	SUBLOT #	SUBLOT SIZE	RANDOM #	QA Cylinder ID		Discrepancy Cylinder	

COMMENTS

ITEM OR CODE NO.	STA. TO STA.	GRADE OF CONC.	LENGTH	WIDTH	DEPTH	MEASURED SQ. OR CU. YARDS	CYDS. PLAN	CYDS. USED	CYDS. WASTE	OVER UNDER %
Integral Curb, Mod	Forest, Second to John R	P1-SM	63.75	0.587	1.67	22.36	5.38		0	
Sidewalk 4", Mod	Forest, Second to John R	P1-SM	Var	Var	0.33	22.79	22.79		0.25	
Sidewalk 6", Mod	Forest, Second to John R	P1-SM	Var	Var	0.50	5.38	5.38		0	

REMARKS OR COMPUTATIONS
(Use back if necessary)

MIX OR STREET TECHNICIAN	DATE
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REMARKS OR COMPUTATIONS

This image shows a full page of blank graph paper. The grid consists of small, evenly spaced squares formed by thin black lines. There are no margins, text, or other markings on the page.

PREPARED BY:									

[illegible]

	DATE		

Clear Form



SIDEWALK REMOVAL LOCATIONS

DATE: 2020-08-06					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: Forest Avenue, Detroit, MI					SHEETS: 1 of 1		
Sidewalk					Total Quantities		
ADDRESS	Length (ft)	Width (ft)	SFT	Comments	Sdwk Remv prior to 20200806	108.00	SYD
SW Cnr Forst & Second	24.00	7.00	168.00	Remv, Cast-0806	Sidewalk Removed 20200806	176.44	SYD
491 Forest Ave., RL	16.00	6.00	96.00	Remv, Cast-0806			
473/471 Forest Ave., RL	36.00	6.00	216.00	Remv, Cast-0806	Sdwk Concrete 4 inch 20200806	1865.00	SFT
453 Forest Ave., RL	19.00	5.00	95.00	Remv, Cast-0806	Sdwk Concrete 4 inch 20200806	22.79	CYD
SE Cnr, Forest & Cass	19.00	6.00	114.00	Remv-0806	Sdwk 4 inch Curing 20200806	74.60	GAL
CASS AVENUE	-	-	-	-			
121/119 Forest Ave., RL	18.50	6.00	111.00	Remv-0806	Sdwk Concrete 6 inch 20200806	440.00	SFT
121/119 Forest Ave., RL	24.00	6.00	144.00	Remv-0806	Sdwk Concrete 6 inch 20200806	5.38	CYD
110 E. Forest Ave., RL	56.50	12.00	678.00	Remv-0805, Cast-0806	Sdwk 6 inch Curing 20200806	17.60	GAL
WOODWARD AVENUE	-	-	-	-			
SE Cnr Forst & Wdwrđ	24.00	5.00	120.00	Remv-0805, Cast-0806	Sdwk Conc 4 w/Tree 20200806	0.00	SFT
SE Cnr Forst & Wdwrđ	18.00	5.00	90.00	Remv-0805, Cast-0806	Sdwk Conc 4 w/ Tree 20200806	0.00	CYD
SE Cnr Forst & Wdwrđ	12.00	7.00	84.00	Remv-0805, Cast-0806	Sdwk 4 w/ Tree Curing 20200806	0.00	GAL
99 E. Forest Ave., LL	30.00	14.00	420.00	Remv, Cast-0806			
99 E. Forest Ave., LL (8")	16.00	14.00	224.00	Remv, Cast-0806	Sdwk Conc 6 w/Tree 20200806	0.00	SFT
			0.00		Sdwk Conc 6 w/ Tree 20200806	0.00	CYD
			0.00		Sdwk 6 w/ Tree Curing 20200806	0.00	GAL
			0.00				
			0.00		Fiber 20200806	3.78	SYD
			0.00				

FIELD INSPECTOR: D. Welborne
REVIEWED BY:

DATE: 2020-08-06
DATE: