



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 8/5/2020	Day of Week Wednesday	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: 59 ° F High: 75 ° F		Weather Sunny			



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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 Cass 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.

The work began with the construction of a 25.0 FT long x 0.83 thick x 1.83 FT tall retaining wall against an existing asphalt parking lot located between the alley north of Cass Ave. and 110 Forest Ave. which WSC had extended removal beyond prescribed limits.

Concrete was initially delivered with low air and low slump, which suited the retainage wall construction, but had to be corrected by the adding of 3.0% AIR and 4 GAL H2O has facilitated by WSC's QC technician necessary for the performance of the sidewalk work.

TOTAL - 0.00 FT Detail CD Curb removed this day;
TOTAL - 0.00 FT concrete Curb cast this day, McCoig Mix # P1-SM;
TOTAL - 221.50 FT Integral Curb removed this day;
TOTAL - 56.5 FT Integral concrete Curb cast this day, McCoig Mix # P1-SM;
TOTAL - 382.6 SYD Sidewalk removed this day;
TOTAL - 2,509.00 SFT 4 INCH Sidewalk cast this day; and,
TOTAL - 57.38 SFT 6 INCH Sidewalk cast this day.

QA Somat Test 1 – 78°F / 64.4% air / - " slump.
QC Driesenga Test 1 – 77°F / 4.9% air / 2.0" slump.
QA Somat Test 2 – 81°F / 6.4% air / - " slump.
QC Driesenga Test 2 – 79°F / 6.6% air / 4.5" slump.

Visitors:

- Steve Pacitto (DDPW) seeking permit; allayed by PW Contract Number.

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); and,
- QC Driesenga Corrective Action Form (hard copy).

Covid-19 check: 97.3°F



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Contractors

Contractor's Name	Personnel	No.	Hrs.	Equipment	No.	Hrs.
West Side Concrete Company	Finisher	3	25.50	Backhoe, Case 580M	1	8.50
	Finisher	1	9.50	Dump Truck, Sterling 5	1	17.00
	Labor Foreman (Corando)	1	8.50	Yrd		
				Excavator, Cat 305E2	1	8.50
	Laborer	3	25.50	Pick-Up, Ford	3	25.50
	Laborer	1	1.00	Pick-Up, Licoln1	1	1.00
	Laborer	1	9.50	Steak Truck, Ford	1	8.50
	Operator	2	17.00	Tamper, MBW	1	8.50
	Superintndent (Lety)	1	1.00			

Item Postings

Item/Material Description	Item Code	Prop. Line	Project	Category	Quantity	Unit	Location	Brkdwn ID	Attn
_ Sidewalk, Conc, 4 inch, Modified	_8027011	0400	PW-7018	0000	2,509.000	Sft	Forest Avenue from Trumbull Street to John R Street.		
Contractor: West Side Concrete Company									
Concrete, Grade P1						30.67	Cyd		
Material Remarks: Materials: McGiog Mix # P1-SM. Visually identified and accepted.									
Curing Compound, White						100.36	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	_8027012	0410	PW-7018	0000	57.380	Sft	Forest Avenue from Trumbull Street to John R Street.		
Contractor: West Side Concrete Company									
Concrete, Grade P1						0.70	Cyd		
Material Remarks: Materials: McGiog Mix # P1-SM. Visually identified and accepted.									
Curing Compound, White						2.30	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 concrete.									
_ Integral Curb and Sidewalk, 2 feet, Modified	_8037001	0430	PW-7018	0000	56.500	Ft	Forest Avenue from Trumbull Street to John R Street.		
Contractor: West Side Concrete Company									
Concrete, Grade P1						3.41	Cyd		
Material Remarks: Materials: McGiog Mix # P1-SM. Visually identified and accepted.									
Curing Compound, White						6.78	Gal		
Material Remarks: Materials: Chem Master Safe Cure 1000 MDOT 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
Integral Curb and Sidewalk, 2 feet, Rem, Modified Contractor: West Side Concrete Company	_2047001	0050	PW-7018	0000	221.500	Ft	Forest Avenue from Trumbull Street to John R Street.		
Sidewalk, Rem Contractor: West Side Concrete Company	_204005	0030	PW-7018	0000	382.600	Syd	Forest Avenue from Trumbull Street to John R Street.		

Reviewed By: Carly Taylor Carly Taylor
Aug 31 2020 12:07 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	08/05/2020
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	08/05/2020

Results Recorded In	English Units
Supplier Mix Description	MDOT P1 + MR - 6" Slump

DESIGN PARAMETER

Mix Design Number	0774 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)	0		

TESTING DATA

Placed	41.50	+/- yds ³ /ft ³ of concrete at the following location:	Retaining Wall and Sidewalk on Forest Ave.
Tested on Forest Ave. at Wayne State University's Social Work Lot (Lot 62).			

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)
10:15 AM	2353	4.50	6.40	0.0	66	81	1	4	6

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	79298						28	09/02/2020		
1	79299						28	09/02/2020		

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: 8/5/2020
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 Concrete
QC COMPANY: Driesenga
QC TESTER: Mekehwon Boayue

CONCRETE INFORMATION

CONCRETE COMPANY:	McCoig Materials	TRUCK NUMBER:	2353
MIX DESIGN #:	P1-SM	PLANT LOCATION (CITY):	Detroit
CONCRETE GRADE:	P1	TOTAL QUANTITY (CYDS):	41.5
PWL/NON-PWL:	NON-PWL	QUANTITY AT SAMPLE (CYDS):	3

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

Retaining Wall and Sidewalk on Forest Ave. Tested on Forest Ave. at Wayne State University's Social Work Lot (Lot 62).

TEST RESULTS

	QC (CONTRACTOR)	QA (SOMAT)	TOLERANCE	MEETS TOLERANCE (Y/N)
SAMPLE TIME (Hrs/Min):	9:50 AM			
AIR CONTENT (%):	4.90	4.40	+/- 0.8 PERCENT	YES
CONCRETE TEMP. (°F):	77	78	+/- 2.0 DEGREES	YES
AIR TEMP. (°F):	66	66		

REMARKS:

FIELD REPRESENTATIVE: Alexander Hinz

DATE: 8/5/2020

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.



CURB REMOVAL LOCATIONS

DATE: 2020-08-05			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 Ave., Detroit, MI			SHEETS: 1 of 1		
Curb			Total Quantities		
ADDRESS	Length (ft)	Comments	CD Removed prior to 20200805	0.00	FT
100 Forest Ave., LL	56.5	Remv, Cast-0805 Intrgl	CD Removed 20200805	0.00	FT
Checkers Rstrnt at Forest & Woodward, RL	24.00	Remv-0805 Intrgl	CD Concrete 20200805	0.00	FT
Checkers Rstrnt at Forest & Woodward, RL	18.00	Remv-0805 Intrgl	CD Concrete 20200805	0.00	CYD
106 East Forest Ave., RL	123.00	Remv-0805 Intrgl	CD Curing 20200805	0.00	GAL
			Integral Remv prior to 20200805	0.00	FT
			Integral Removed 20200805	221.50	FT
			Integral Concrete 202200805	56.50	FT
			Integral Concrete 202200805	3.41	CYD
			Integral Curing 20200805	6.78	GAL
			Fiber 20200805	0.00	SYD

FIELD INSPECTOR: D. Welborne
REVIEWED BY:

DATE: 2020-08-05
DATE:



SIDEWALK REMOVAL LOCATIONS

DATE: 2020-08-05					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 20200805	0.00	SYD
Alley to 110 Forest, LL	9.00	11.00	99.00	Remv, Conc-0805	Sidewalk Removed 20200805	382.60	SYD
Alley to 110 Forest, LL	25.00	12.00	300.00	Remv, Conc-0805			
Alley to 110 Forest, LL	12.75	4.50	57.38	Remv, Conc-0805, 6 INCH	Sdwk Concrete 4 inch 20200805	2509.00	SFT
100 Forest Ave., LL	56.50	12.00	678.00	Remv, Conc-0805	Sdwk Concrete 4 inch 20200805	30.67	CYD
WSU Lot # 62, LL	40.00	6.00	240.00	Remv, Conc-0805	Sdwk 4 inch Curing 20200805	100.36	GAL
74 Forest Ave., LL	26.00	6.00	156.00	Remv, Conc-0805			
44 Forest Ave., LL	148.00	7.00	1036.00	Remv, Conc-0805	Sdwk Concrete 6 inch 20200805	57.38	SFT
SE C Forst & Wdwrdr, RL	24.00	5.00	120.00	Remv-0805	Sdwk Concrete 6 inch 20200805	0.70	CYD
SE C Forst & Wdwrdr, RL	25.00	7.00	175.00	Remv-0805	Sdwk 6 inch Curing 20200805	2.30	GAL
SE C Forst & Wdwrdr, RL	18.00	5.00	90.00	Remv-0805			
106 East Forest Ave., RL	123.00	4.00	492.00	Remv-0805	Sdwk Conc 4 w/Tree 20200805	0.00	SFT
			0.00		Sdwk Conc 4 w/ Tree 20200805	0.00	CYD
			0.00		Sdwk 4 w/ Tree Curing 20200805	0.00	GAL
			0.00				
			0.00		Sdwk Conc 6 w/Tree 20200805	0.00	SFT
			0.00		Sdwk Conc 6 w/ Tree 20200805	0.00	CYD
			0.00		Sdwk 6 w/ Tree Curing 20200805	0.00	GAL
			0.00				
			0.00		Fiber 20200805	3.78	SYD
			0.00				

FIELD INSPECTOR: D. Welborne
REVIEWED BY:

DATE: 2020-08-05
DATE: