



City of Detroit

Inspector's Daily Report

11/28/2020 3:05 PM

FieldManager 5.3c

Contract: _PW-7018, City of Detroit Resurfacing 2020

IDR Date 11/18/2020	Day of Week Wednesday	Seq. No. 1	Import Date 12/1/2020	Project Engineer Jim Petronski - WSP	Construction Engineer Steve Bannasch - 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: 27 ° F High: 43 ° F		Weather Sunny			



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Comments

Forest Avenue from Trumbull Street to John R Street.

West Side Concrete (WSC), Superintendent Lety Deleon.

0730 Hrs – 1630 Hrs.

Along Forest Ave., WSC adjusted channelizers, demolished existing curbs, ADA ramps, landings and sidewalks, set forms and cast concrete curbs, curb openings and sidewalks as follows:

NW corner of Freedom Place W driveway – curbs, ramps, landings & sidewalks;
NE corner of Freedom Place W driveway – curbs, ramps, landings & sidewalks;
S tee across from Freedom Place W driveway – curbs & sidewalks;
SW corner of School for the Deaf W driveway – curbs, ramps, landings & sidewalks;
SE corner of School for the Deaf W driveway – curbs, ramps, landings & sidewalks;
NW corner of Freedom Place E driveway – curbs, ramps, landings & sidewalks;
NE corner of Freedom Place E driveway – curbs, ramps, landings & sidewalks;
S tee across from Freedom Place E driveway – curbs & sidewalks;
SW corner of School for the Deaf E driveway – curbs, ramps, landings & sidewalks;
SE corner of School for the Deaf W driveway – curbs, ramps, landings & sidewalks; and,
NW corner at Joh R Steet. curbs, ramps, landings & sidewalks.

Postings:

- TOTAL – 9.17 SYD Sidewalk removed;
- TOTAL – 82.50 SFT 4 INCH Sidewalk cast;
- TOTAL – 244.24 LFT Curb removed;
- TOTAL – 172.24 LFT Curb Detail CD cast; and,
- TOTAL – 72.00 LFT Curb Openings cast.

Visitors:

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

Traffic:

- No incidents today.

Attachments:

- Sidewalk & Curb Removal & Replacement Locations Worksheet (electronic copy);
- SRM Concrete Ticket (hard copy);
- Driesenga QC Concrete Field Test Report (hard copy);
- SOMAT Concrete QA Corellation Report (electronic copy);
- SOMAT Concrete QA Cylinder Test Report (electronic copy); and,
- MDOT 1174 Report (electronic copy).

Covid-19 check: 94.1°F



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Contractors

Contractor's Name	Personnel	No.	Hrs.	Equipment	No.	Hrs.
West Side Concrete Company	Finisher	3	12.00	Backhoe, Case 580M	1	8.50
	Labor Foreman (Corando)	1	6.00	Concrete Saw, Magnum PS-6585	1	8.50
	Laborer	3	25.50	Dump Truck, Sterling 5 Yrd	2	17.00
	Laborer	4	24.00	Mini-Loader, Cat 262D, with Rammer 77E	1	8.50
	Operator	2	17.00	Breaker		
	Superintndent (Lety)	1	2.50	Pick-Up, Chevy	1	6.00
				Pick-Up, Ford	1	6.00
				Pick-Up, Licoln	1	2.50
				Steak Truck, Ford	2	17.00
				Tamper, MBW	1	8.50

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 172.240 Ft Forest Avenue from Trumbull Street to John R Street. Contractor: West Side Concrete Company									
Concrete, Grade P1					6.37	Cyd			
Material Remarks: Materials: SRM Mix # P1- DETM. Visually identified and accepted.									
Curing Compound, White					1.72	Gal			
Material Remarks: Materials: Chem Master Safe Cure 1000 MDOT. Visually identified and accepted.									
Joint Filler, Fiber					9.22	Syd			
Material Remarks: Material: W.R. Meadows Sealtight. Visually identified and accepted.									
_ Curb, Rem, Modified _20470020040 PW-7018 0000 244.240 Ft Forest Avenue from Trumbull Street to John R Street. Contractor: West Side Concrete Company									
_ Sidewalk, Conc, 4 inch, Modified _80270110400 PW-7018 0000 82.500 Sft Forest Avenue from Trumbull Street to John R Street. Contractor: West Side Concrete Company									
Concrete, Grade P1					1.01	Cyd			
Material Remarks: Materials: SRM Mix # P1- DETM. Visually identified and accepted.									
Curing Compound, White					1.65	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
Curb Ramp Opening, Conc Contractor: West Side Concrete Company	_803003C	0420	PW-7018	0000	72.000	Ft	Forest Avenue from Trumbull Street to John R Street.		
Concrete, Grade P1 Material Remarks: Materials: SRM Mix # P1- DETM. Visually identified and accepted.						2.09	Cyd		
Curing Compound, White Material Remarks: Materials: Chem Master Safe Cure 1000 MDOT. Visually identified and accepted.						0.97	Gal		
Sidewalk, Rem Contractor: West Side Concrete Company	_204005C	0030	PW-7018	0000	9.170	Syd	Forest Avenue from Trumbull Street to John R Street.		

Reviewed By: Carly Taylor Carly Taylor
Jan 12 2021 3:30 PM
(Signature)

(Date)



Somat Engineering
INCORPORATED



SIDEWALK & CURB REMOVAL & REPLACEMENT LOCATIONS

DATE: 2020-11-18

OWNER: City of Detroit

JOB NUMBER: PW-7018

CONTRACTOR: Ajax Paving Industries

PROJECT NAME: PW-7018 City of Detroit Resurfacing 2020

PROJECT ENGINEER: Jim Petronski

LOCATION: Forest Ave., Detroit, MI

SHEETS: 1 of 1

Sidewalk										Curb					
Address	Length (ft)	Width (ft)	SYD	SFT	Comments	4" (Sft)	4" Roots (Sft)	6" (Sft)	6" Roots (Sft)	Address	Rem (ft)	Det. CD (ft)	Ramp (ft)	2 ft Integral Rem (ft)	2 ft Integral (ft)
Freedom W, NW			0.00	0.00		0.00				Freedom W, NW	33.67	21.67	12.00		
Freedom W, S			0.00	0.00		0.00				Freedom W, S	18.00	12.00	6.00		
Deaf W, SW	5.25	6.00	3.50	31.50	West Sidewalk	31.50				Deaf W, SW	25.75	19.75	6.00		
"	6.00	8.50	5.67	51.00	East Sidewalk	51.00				"		0.00			
Deaf W, SE			0.00	0.00		0.00				Deaf W, SE	26.58	20.58	6.00		
Deaf T, S			0.00	0.00		0.00				Deaf T, S	18.33	12.33	6.00		
Deaf E, SW			0.00	0.00		0.00				Deaf E, SW	33.50	27.50	6.00		
Deaf E, SE			0.00	0.00		0.00				Deaf E, SE	27.75	21.75	6.00		
Freedom E, NW			0.00	0.00		0.00				Freedom E, NW	29.33	17.33	12.00		
Freedom E, NE			0.00	0.00		0.00				Freedom E, NE	31.33	19.33	12.00		
			0.00	0.00		0.00						0.00			
			0.00	0.00		0.00						0.00			
			0.00	0.00		0.00						0.00			
			0.00	0.00		0.00						0.00			
			0.00	0.00		0.00						0.00			
			0.00	0.00		0.00						0.00			
			0.00	0.00		0.00						0.00			
			0.00	0.00		0.00						0.00			
			0.00	0.00		0.00						0.00			
			0.00	0.00		0.00						0.00			
			0.00	0.00		0.00						0.00			
			0.00	0.00		0.00						0.00			
			0.00	0.00		0.00						0.00			
Total Quantities			9.17	82.50	Total Quantities	82.50	0.00	0.00	0.00	Total Quantities	244.24	172.24	72.00	0.00	0.00

FIELD INSPECTOR: D. Welborne (OEI)

DATE: 2020-11-18

REVIEWED BY: _____

DATE: _____



CONCRETE QA CORRELATION

DATE: 11/18/2020
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 (Onyx Enterp
CONTRACTOR: Westside concrete
QC COMPANY: Driesenga
QC TESTER: Eric

CONCRETE INFORMATION

CONCRETE COMPANY:	SRM	TRUCK NUMBER:	2446
MIX DESIGN #:	P1-DETM	PLANT LOCATION (CITY):	Detroit
CONCRETE GRADE:	P1	TOTAL QUANTITY (CYDS):	11
PWL/NON-PWL:	NON-PWL	QUANTITY AT SAMPLE (CYDS):	1

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

Curb along W Forrest from Trumbull to M-10

TEST RESULTS

	QC (CONTRACTOR)	QA (SOMAT)	TOLERANCE	MEETS TOLERANCE (Y/N)
SAMPLE TIME (Hrs/Min):	1:08 PM			
AIR CONTENT (%):	7.60	6.80	+/- 0.8 PERCENT	YES
CONCRETE TEMP. (°F):	66	65	+/- 2.0 DEGREES	YES
AIR TEMP. (°F):	41	41		

REMARKS:

Correlation was preformed and met allowed Tolerances

FIELD REPRESENTATIVE: Jeff Hanna

DATE: 11/18/2020

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	11/18/2020
Project Name	PW-7018 HMA Mill & Resurfacing 2020	Specimen Type	Concrete Cylinder
Project Number	2020073E	Contractor	WEST SIDE
Project Location	Detroit, MI	Concrete Supplier	SRM Concrete
MDOT Job Number		Field Tested By	Jeff Hanna
MDOT Control Section		Date Issued	11/18/2020
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	11.00	+/- yds ³ /ft ³ of concrete at the following location: Curbs along W Forest from Trumbull to M-10							
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)
1:08 PM	2446	5.75	6.80	0.0	41	65	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	81918						28	12/16/2020		
1	81919						28	12/16/2020		

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:	Jeff Hanna