



City of Detroit

Inspector's Daily Report

8/15/2021 7:00 PM

FieldBook 5.3c

Contract: _PW-7018, City of Detroit Resurfacing 2020

IDR Date 8/5/2021	Day of Week Thursday	Seq. No. 1	Import Date N/A	Project Engineer Jim Petronski / Ian Duncan - WSP	Construction Engineer Steve Bannasch - City of Detroit
Inspector's Initials-Name DH Dwight Harris				Federal Project Number	Elec. Attachments None
Prime Contractor Fort Wayne Contracting / Ajax Paving Industries, a joint ven					
Entered By DH		Revised By		Revision Date	Revision No.
Temperatures Low: 51 ° F High: 75 ° F		Weather Sunny			

Comments

Westside Concrete Co. begin at 7:00 am continued placing sidewalks and curbs that were previously marked on Clark St. between Michigan Ave. and I 75 Service Drive. Grade depth and forms were inspected before concrete was placed. All concrete placed was sprayed with curing compound, and securely barricaded with caution tape and construction barrels.

P1-SW Concrete Mix was batched and delivered from SRM Concrete Co. (1441 SpringWells Ct.) Detroit, Michigan

Certified Concrete technicians from Somat Engineering and Driesenga & Associates, Inc. were onsite to perform QC/QA

Traffic was maintained throughout the project during the time of construction in accordance with MDOT Standard Specifications for Construction, Section 812, and Temporary Traffic Control for Construction Zone Operations and The City of Detroit Special Provision for Maintaining Traffic, which also includes the furnishing and insulation of all traffic control devices and signing.

Job site clean and secure at the end of the day.

Site visitation by Jim Petronski PE (WSP).

Contractors

Contractor's Name	Personnel	No.	Hrs.	Equipment	No.	Hrs.
West Side Concrete Company	Finishers	4	8.00	Backhoe	2	8.00
	Foreman	1	8.00	Bobcat	1	8.00
	LABORS	4	8.00	Dump trucks	3	8.00
	Operators	3	8.00	Pickup trucks	3	8.00
				Stake trucks	2	8.00



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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	562.420	Sft	Clark St. between Michigan Ave. & I-75 Service Drive		
Contractor: West Side Concrete Company									
Item Remarks: Visually inspector and measured									
Concrete, Grade P1					8.90	Cyd	✓		
Material Remarks: SRM Concrete Co. Plant # 820 (1441 SpringWells Ct.) in Detroit, Michigan									
Curing Compound, White					11.25	Gal			
Material Remarks: Chem Mastor Safe Cure 1000 MDOT									
_ Sidewalk, Conc, 6 inch, Modified	_8027012	0410	PW-7018	0000	60.000	Sft	Clark St. between Michigan Ave. & I-75 Service Drive		
Contractor: West Side Concrete Company									
Item Remarks: Visually inspector and measured									
Concrete, Grade P1					1.10	Cyd	✓		
Material Remarks: SRM Concrete Co. Plant #820 (1441 SpringWells Ct.) Detroit, Michigan									
Curing Compound, White					1.20	Gal			
Material Remarks: Chem Mastor Safe Cure 1000 MDOT									
_ Integral Curb and Sidewalk, 2 feet, Modified	_8037001	0430	PW-7018	0000	5.000	Ft	Clark St. between Michigan Ave. & I-75 Service Drive		
Contractor: West Side Concrete Company									
Item Remarks: Visually inspector and measured									
Concrete, Grade P1					0.31	Cyd	✓		
Material Remarks: SRM Concrete Co. Plant #820, (1441 SpringWells Ct.) Detroit, Michigan									
Curing Compound, White					0.10	Gal			
Material Remarks: Chem Mastor Safe Cure 1000 MDOT									
Sidewalk, Rem	_2040055	0030	PW-7018	0000	69.150	Syd	Clark St. between Michigan Ave. & I-75 Service Drive		✓
Contractor: West Side Concrete Company									
Item Remarks: Visually inspector and measured									
Reviewed By: Teachout, Michael (Teachout) Digitally signed by Teachout, Michael (Teachout) DN: cn=Teachout, Michael (Teachout), ou=Active, email=Mike.Teachout@wsp.com Date: 2022.01.04 09:38:02 -05'00' (Signature)									
							(Date)		

Cold Milling HMA Approach Surface, Butt Joints Rem, Modified & Projected HMA Quantity

DATE: 8/5/2021	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: Detroit, MI	SHEETS: 1 OF 1

CLARK_W. Lafayette to Michigan Ave

Item Code 5010005 HMA Surface, Rem	
Surface Area (sft.)	#REF!
Surface Area (syd.)	#REF!
A1 (sft.)	#REF!
A2 (sft.)	#REF!
A3 (sft.)	#REF!

Item Code 5010008 Pavt for Butt Joints, Rem	
Width (ft.)	2.00
Length (ft.)	#REF!
SYD	#REF!

Approaches Projected HMA 4E3	
HMA (lbs.)	#REF!
HMA (tons)	#REF!

Approaches Projected HMA 5E3	
HMA (lbs.)	#REF!
HMA (tons)	#REF!

Item Code 5017011 _Cold Milling HMA Surface, Modified			YES	X	NO	
Item Code 5010051 HMA, 4E3			YES		NO	
Item Code 5010057 HMA, 5E3			YES		NO	
Main Street		Clark	Street Width (ft)	Street Length (ft)		Mainline HMA Area (syd)
No.1	Start	Michigan	40, 44	#REF!	#REF!	#REF!
End	End	W. Lafayette				
MDOT MIXES			PROJECTED HMA (lbs)		PROJECTED HMA (tons)	
Mix 4E3 @ 2"		220	#REF!		#REF!	
Mix 5E3 @ 1.5"		165	#REF!		#REF!	

Item Code _2040055 Sidewalk, Rem			Item Code _8027011 _Sidewalk,Conc, 4", Mod.	Item Code _8027012 _Sidewalk,Conc, 6", Mod.	Item Code _8037010 _Sidewalk,Conc,Tree Roots 4"	Item Code 8037011 Sidewalk,Conc,Tree Roots 6"
	SYD's	SFT				
Rem.	69.16	622.42				
4 in.		562.42				
6 in.		60.00				
4"Root						
6"Root						

Item Code _2047002_Curb, Rem,Mod.		Item Code _6037001_Curb, Detail CD,Mod	Item Code _8030030_Curb Ramp Open,Conc	Item Code _2047001_Inter,Curb,Walk,2ft Rem	Item Code 8037001 Inter,Curb,Walk,2ft Mod
		LFT			
Removal (ft)		0.00			
Curb, Conc, Detail CD (ft)					
Ramp Opening Curb (ft)					
2 ft Integral Rem. (ft)		5.00			
2 ft Integral (ft)					

FIELD INSPECTOR: Dwight D. Harris

REVIEWED BY: _____

DATE: 8/5/2021

DATE: _____



OWNER: City of Detroit

CONTRACTOR: Ajax Paving Industries

PROJECT ENGINEER: Jim Petronski

SHEETS: 1 of 2

CLARK_W. Lafayette to Michigan Ave

Sidewalk										Curb				
Address	Length (ft)	Width (ft)	SYD	SFT	Comments	4"	4" Roots	6"	6" Roots	Address	Rem (ft)	Det. CD (ft)	Ramp (ft)	2 ft Integral Rem(ft)
North of Vernor 1948	10.60	6.00	7.07	63.60		63.60								
	28.20	6.00	18.80	169.20		169.20								
S of Toledo St.	10.00	6.00	6.67	60.00				60.00						
Credit union	5.50	5.00	3.06	27.50		27.50								5.00
Credit union	29.80	7.00	23.18	208.60		208.60								
Credit union	9.80	2.40	2.61	23.52		23.52								
Credit union	5.00	7.00	3.89	35.00		35.00								
Credit union	5.00	7.00	3.89	35.00		35.00								
			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			69.16	622.42		562.42	0.00	60.00	0.00	Total Quantities	0.00	0.00	0.00	5.00

DATE: 08/0





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	08/05/2021
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	Robert Clark
MDOT Control Section		Date Issued	08/05/2021

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	10.00	+/- yds ³ /ft ³ of concrete at the following location: Sidewalk on Clark street north of Vernor							
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)
10:05 AM	4835	5.00	8.00	0.0	80	84	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	85125						28	09/02/2021		
1	85126						28	09/02/2021		

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



SRM Concrete
1441 SpringWells Ct. Detroit, MI 48209
PHONE: (734) 357-2124

1 - White (Office)
2 - Yellow (Customer)
3 - Pink (Misc.)

SOLD TO: 83276 WESTSIDE CONCRETE CO SHELBY TOWNSHIP, MI 48318 3368,				SHIP TO: PW 7018 CITY OF DETROIT MI				TICKET CODE: 82007193 DATE: 08/05/2021	
DRIVER INSTRUCTION: ON CLARK SOUTH OF VERNOR							MAP PAGE:	TIME: 09:32:30	
P.O. NO.	ORDER NO.	DRIVER NAME	TRUCK NO.	QTY. ORDERED	QTY. DELIVERED	DESIGN SLUMP	DESIGNED AIR	PLANT NO.	
	N 272	LAMS, CHRISTOPH	4835	40.10	10.00	3.00	6.5	820	
ITEM NAME	QUANTITY	UOM	DESCRIPTION				UNIT PRICE	EXTENDED	
P1-SW 1015	10.00 1.00		MDOT P1 535 WRA ENVIRONMENTAL SU				0.00 0	0.00 0	
MDOT 1155 STATEMENT: I hereby certified this concrete meets MDOT specifications, materials are approved sources, tested, certified to MDOT.									
Sand	2NS-SMR	SPRING MILL - 2NS	47-003	MDOT PLANT NO.		GRADE OF CONC.			
Rock	L6AA-PIN	PORT INLAND - 6AA	75-005	M-40					
Cementitious	CMGS-LA	LAFARGE-I-II LA-APLENA	CHICAGO	COMPANY REPRESENTATIVE (signature)					
Cementitious	CMT1-LAA	CEMENT SCALE	ALPENA	X <i>[Signature]</i>					
				COLLECTED (circle one)					
				CHECK CASH CREDIT					
DRIVERS COMMENTS:				Customer Requested Ticket Before Discharge Completed ☐					
INITIAL SLUMP:	WATER ADDED:	REQUESTED BY:	FINAL SLUMP:	TESTED AIR:	REVOLUTIONS:	I've read and agreed to the terms on the back side of this delivery ticket.			
LEAVE PLANT:	ARRIVE AT JOB:	START POUR:	FINISH POUR:	LEAVE JOB:	ARRIVE PLANT:	X			
						CUSTOMER SIGNATURE			
SAFETY CAUTION: Fresh concrete can cause severe chemical burns to skin and eyes. Keep fresh concrete off skin. When working use rubber work boots, gloves, protective eyeglasses, clothing and knee-boards. Do not let concrete or other cement products soak into your skin. Wash your skin promptly after contact with fresh concrete with clean water. If fresh concrete gets into your eyes, flush immediately and repeatedly with water and consult a doctor immediately. Keep children away from dry cement powder and all freshly mixed concrete.									

MATERIAL	DESIGN	TARGET	BATCHED	% VAR	MOISTURE	FREE WATER	
LAFARGE I-II LA-APLENA	184.00	lb	1840.00	lb	1840.00	lb	0.0
SPRING MILL - 2NS	1340.00	lb	13660.00	lb	13640.00	lb	-0.1
LAFARGE I-II LA-APLENA	342.00	lb	3420.00	lb	3400.00	lb	-0.6
PORT INLAND - 6AA	1780.00	lb	17800.00	lb	17760.00	lb	-0.2
WAT1	28.50	gal	220.48	gal	222.16	gal	0.8
BASF - MICRO AIR 200	2.42	oz	128.00	oz	127.00	oz	-0.8
PCA OPTIFLO 50	3.00	oz	156.00	oz	158.00	oz	1.3
CEMENT SCALE	0.00	lb	0.00	lb	25.00	lb	1.0

32.05 gal End of Load Time 9:37 AM

Trim Water

Water to Add

INSPECTOR'S REPORT OF CONCRETE PLACED - Roadway

DISTRIBUTION: ORIGINAL – Construction Project Engineer Files COPY - CFS

CONTRACTOR Fort Wayne Const./ Ajax Paving Ind.		GENERAL NAME OF PROJECT PW-7018 City of Detroit Major Streets	
SUBCONTRACTOR Westside Concrete Company		CONTROL SECTION ID – JOB NUMBER PW-7018	
CONCRETE SUPPLIER SRM Concrete		ROUTE Clark St., between Michigan & I-75 Service Drive	
MAXIMUM TIME		STRUCTURE NUMBER	
WEATHER Cloudy 63 A.M. 80 P.M.		REPORT NUMBER	DATE 08/04/2021

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

Intended Air _____% to _____%			TEMPERATURES – AIR – SLUMP			Intended Slump _____” to _____”					
TIME	ATMOSPHERE	CONCRETE	*AIR CONTENT %	SLUMP	CYLINDERS/ BEAMS	TIME	ATMOSPHERE	CONCRETE	*AIR CONTENTS %	SLUMP	CYLINDERS/ BEAMS
7:10 am	63	79	6.3	4	4						

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

COMMENTS See attached QA report.

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 %
Sidewalk 4" mod	Clark St.- I-75 - Michigan av	P1	var	var	.33	562.42	6.87	6.87		
Sidewalk 6", Mod	Clark St.- I-75 - Michigan av	P1	var	var	.5	60	1.1	1.1		
ITC Mod	Clark St.- I-75 - Michigan av	P1	5	2.0	.58	5.8	.21	.21		
							8.18	8.18		

REMARKS OR COMPUTATIONS
(Use back if necessary)

10.0 cyds delivered, 1.82 waste

MIX OR STREET TECHNICIAN Dwight Harris	DATE 08/05/2021
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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.

	DATE		

Clear Form



DRIESENKA & ASSOCIATES, INC.

Engineering • Surveying • Testing

CONCRETE FIELD TEST REPORT

CLIENT <u>Westside Concrete</u>	D&A PROJECT NO.: <u>2020525.4A</u>	DATE: <u>8-5-2021</u>
PROJECT <u>PW-7018 City of Detroit</u>	INSPECTOR: <u>Baraa Alyagoubi</u>	# <u>02098598</u>
CONTRACTOR: <u>Westside Concrete</u>	CONTROL SECTION/MDOT JOB NO.: <u>PW-7018</u>	
CONCRETE SUPPLIER & CITY: <u>S.B.M. Concrete / Detroit</u>	PROJECT ENGINEER: <u>City of Detroit</u>	
WEATHER: ☒ A.M. <u>Sunny</u> ☐ P.M.	TIME ARRIVED: <u>9:30 am</u> SCHEDULED ARRIVAL TIME: <u>9:30 Am</u> TIME LEFT SITE: <u>11:00</u>	
AGGREGATE CORRECTION FACTOR: <u>0.21</u>		

Pour Description: sidewalk pour on Clark St between Vernor Rd and Michigan Ave

Mix Design: P1-SW Quantity Placed (yd³): 10 of 10 Lot Number: _____ Sublot: _____
Grade of Concrete: P1 Batch Quantity (yd³): 10 Pour Start: 10:05 Pour End: 10:50

FIELD TEST RESULTS

Truck No.	Ticket #	Batch Time	Start	Empty	Slump (in)	Air Temp. (°F)	Conc. Temp. (°F)	Air Content (%)	Unit Wt. (pcf)	Yield	No. of Cylinders
<u>433</u>	<u>82007193</u>	<u>9:32:30</u>	<u>10:05</u>	<u>10:50</u>	<u>5"</u>	<u>75</u>	<u>85</u>	<u>8.3%</u>	<u>1424</u>	<u>0.998</u>	<u>4 RC</u>

REMARKS

Admixture P1-SM content PCA-OptiFlow 50 and
BASF-Micro Air 200