



City of Detroit

Inspector's Daily Report

11/28/2020 3:03 PM

FieldManager 5.3c

Contract: _PW-7018, City of Detroit Resurfacing 2020

IDR Date 10/16/2020	Day of Week Friday	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: 36 ° F High: 55 ° F		Weather Clear			



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Comments

Carpenter Avenue from Dequinder Street to Conant Street.

West Side Concrete (WSC), Superintendent Lety Deleon.

0730 Hrs – 1730 Hrs.

Along Carpenter Ave., WSC cast ADA curbs, ramps, landings, adjacent type CD curbs and or adjacent sidewalks as follows:

WB NE corner of Moran St. (including DTE NG valve box adjust), (type F);
SB NE corner of Moran St., (type F);
WB NW corner of Moran St. (including AT&T MH adjust) , (type F);
SB NW corner of Moran St., (type F);
EB NW corner of Klinger St., (type F);
SB NW corner of Klinger St., (type F);
NB SW corner of Klinger St., (type F);
NB SE corner of Klinger St., (type F);
WB SE corner of Klinger St., (type F);
NB SE corner of Sobieski St., (type F);
WB SE corner of Sobieski St., (type F);
WB SE corner of Gallagher St., (type F);
NB SE corner of Charest St., (type F);
WB NE corner of Charest St., (type R);
SB NW corner of Charest St., (type F);
EB NE corner of McDougall St., (type F);
SB NE corner of Mitchell St., (type F);
WB NE corner of Mitchell St., (type F);
SB NW corner of Mitchell St., (type F);
WB SE corner of Mitchell St., (type F);
SB NW corner of Jos Campau Ave., (type F); and,
EB NW corner of Jos Campau Ave., (type F)

WSC also cast lead access sidewalk at:

3422 Carpenter Ave.

And the Driveway approach at:

2358 Carpenter Ave.

McCoig Mix # P1-SW (33.00 CYD).

QC Driesenga Associates – (Initial) 62°F / 5.7% air / -" slump.
QA Somat Engineering – (Initial) -°F / -% air / 3.5" slump;
QC Driesenga Associates – (Retest) 60°F / 4.2% air / 1.0" slump.
QA Somat Engineering – (Retest) 84°F / 6.2% air / -" slump;
QC Somat Associates – (Retest) -°F / 4.8% air / -" slump.

Visitors:

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

Traffic:

- No incidents today.

Attachments:

- IDR 2020-10-16 DW Sidewalk & Curb Removal Worksheet – Carpenter (electronic copy);



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- McCoig Concrete Ticket Nos. 1, 2 & 3 (hard copy);
- QC Driesenga Concrete Test Field Report (hard copy);
- QC Driesenga Corrective Action Form (hard copy);
- QA Somat Concrete Correlation Report (electronic copy); and,
- MDOT Form 1174

Covid-19 check: 96.8°F

Contractors

Contractor's Name	Personnel	No.	Hrs.	Equipment	No.	Hrs.
West Side Concrete Company	Finisher	2	19.00	Backhoe, Case 580M	2	19.00
	Labor Foreman (Corando)	1	9.50	Dump Truck, Sterling 5 Yrd	2	19.00
	Laborer	7	66.50	Excavator, Cat 305E2	1	9.50
	Operator	3	28.50	Mini-Loader, Cat 262D, with Rammer 77E	1	9.50
	Superintndent (Lety)	1	9.50	Breaker		
				Pick-Up, Chevy	2	19.00
				Pick-Up, Ford	2	19.00
				Pick-Up, Licoln	1	9.50
				Steak Truck, Ford	2	19.00
				Tamper, MBW	1	9.50

Item Postings

Item/Material Description	Item Code	Prop. Line	Project	Category	Quantity	Unit	Location	Brkdwn ID	Attn
_ Curb, Conc, Detail CD, Modified Contractor: West Side Concrete Company	_6037001	0360	PW-7018	0000	104.500	Ft	Carpenter Avenue from Dequinder Street to Conant Street.		
Concrete, Grade P1						3.75	Cyd		
Material Remarks: Materials: McCiog Mix # P1- SW. Visually identified and accepted.									
Curing Compound, White						0.52	Gal		
Material Remarks: Materials: Chem Master Safe Cure 1000 MDOT. Visually identified and accepted.									
Joint Filler, Fiber						0.00	Syd		
Material Remarks: Included with Sidewalk ADA Ramps.									
_ Curb, Rem, Modified Contractor: West Side Concrete Company	_2047002	0040	PW-7018	0000	104.500	Ft	Carpenter Avenue from Dequinder Street to Conant Street.		



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Item Postings

Item/Material Description	Item Code	Prop. Line	Project	Category	Quantity	Unit	Location	Brkdwn ID	Attn
_ Detectable Warning Surface Tile, Modified	_80270010380	PW-7018		0000	100.000	Ft	Carpenter Avenue from Dequinder Street to Conant Street.		
Contractor: West Side Concrete Company									
Detectable Warning Surface							100.00 Ft		
Material Remarks: Materials: Sure Wrex ADA Solutions; Visually identified and accepted.									
_ Dr Structure Cover, Adj, Case 1, Modified	4037050	0930	PW-7018	0000	1.000	Ea	Carpenter Avenue from Dequinder Street to Conant Street.		
Contractor: Fort Wayne Contracting, Inc.									
Item Remarks: AT&T at Northwest corner of Carpenter Ave. and Moran St.									
Concrete, Grade P1							0.00 Cyd		
Material Remarks: Included with 4-inch Sidewalk.									
Curing Compound, Clear							0.20 Gal		
_ Sidewalk Ramp, ADA, Modified	_80270100390	PW-7018		0000	525.060	Sft	Carpenter Avenue from Dequinder Street to Conant Street.		
Contractor: West Side Concrete Company									
Concrete, Grade P1							9.72 Cyd		
Material Remarks: Materials: McCiog Mix # P1- SW. Visually identified and accepted.									
Curing Compound, White							10.50 Gal		
Material Remarks: Materials: Chem Master Safe Cure 1000 MDOT. Visually identified and accepted.									
Joint Filler, Fiber							5.11 Syd		
Material Remarks: Material: W.R. Meadows Sealtight. Visually identified and accepted.									
_ Sidewalk, Conc, 4 inch, Modified	_80270110400	PW-7018		0000	514.740	Sft	Carpenter Avenue from Dequinder Street to Conant Street.		
Contractor: West Side Concrete Company									
Concrete, Grade P1							6.29 Cyd		
Material Remarks: Materials: McCiog Mix # P1- SW. Visually identified and accepted.									
Curing Compound, White							10.29 Gal		
Material Remarks: Materials: Chem Master Safe Cure 1000 MDOT. Visually identified and accepted.									
Joint Filler, Fiber							0.00 Syd		
Material Remarks: Included with Sidewalk ADA Ramps.									



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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	117.330	Sft	Carpenter Avenue from Dequinder Street to Conant Street.		
Contractor: West Side Concrete Company									
Concrete, Grade P1							2.17	Cyd	
Material Remarks: Materials: McCiog Mix # P1- SW. Visually identified and accepted.									
Curing Compound, White							2.35	Gal	
Material Remarks: Materials: Chem Master Safe Cure 1000 MDOT. Visually identified and accepted.									
Joint Filler, Fiber							0.00	Syd	
Material Remarks: Included with Sidewalk ADA Ramps.									
_ Water Shutoff, Adj, Modified	_8237056	0900	PW-7018	0000	1.000	Ea	Carpenter Avenue from Dequinder Street to Conant Street.		
Contractor: Fort Wayne Contracting / Ajax Paving Industries, a joint ven									
Item Remarks: DTE Natural Gas at Northeast corner of Carpenter Ave. and Moran St.									
Work performed by West Side Concrete.									
Mortar, Standard							0.00	Cyd	
Material Remarks: Telescope retraction.									
Curb Ramp Opening, Conc	_8030036	0420	PW-7018	0000	60.000	Ft	Carpenter Avenue from Dequinder Street to Conant Street.		
Contractor: West Side Concrete Company									
Concrete, Grade P1							1.74	Cyd	
Material Remarks: Materials: McCiog Mix # P1- SW. Visually identified and accepted.									
Curing Compound, White							0.80	Gal	
Material Remarks: Materials: Chem Master Safe Cure 1000 MDOT. Visually identified and accepted.									
Sidewalk, Rem	_2040056	0030	PW-7018	0000	27.460	Syd	Carpenter Avenue from Dequinder Street to Conant Street.		
Contractor: West Side Concrete Company									

Reviewed By: _____
(Signature)

(Date)



Somat Engineering
INCORPORATED



SIDEWALK & CURB REMOVAL & REPLACEMENT LOCATIONS

DATE: 2020-10-16

JOB NUMBER: PW-7018

PROJECT NAME: PW-7018 City of Detroit Resurfacing 2020

LOCATION: Carpenter Ave., Detroit, MI

OWNER: City of Detroit

CONTRACTOR: Ajax Paving Industries

PROJECT ENGINEER: Jim Petronski

SHEETS: 1 of 3

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)
NE corner at Moran	7.42	6.00	4.95	44.52	West ADA Ramp			44.52		NE corner at Moran	14.33	14.33	6.00		
"	7.25	6.00	4.83	43.50	South ADA Ramp			43.50		"	0.00	0.00	6.00		
"	19.83	6.00	13.22	118.98	North Sidewalk	118.98						0.00			
"	6.00	6.00	4.00	36.00	East Sidewalk	36.00						0.00			
NW corner at Moran	7.50	6.00	5.00	45.00	East ADA Ramp			45.00		NW corner at Moran	12.67	12.67	6.00		
"	6.50	6.00	4.33	39.00	South ADA Ramp			39.00		"	0.00	0.00	6.00		
"	5.40	6.00	3.60	32.40	North Sidewalk	32.40						0.00			
"	6.33	6.00	4.22	37.98	West Sidewalk	37.98						0.00			
"	3.75	3.25	1.35	12.19	Corner Sidewalk			12.19				0.00			
NW corner at Klinger	0.00	0.00	0.00	0.00	East ADA Ramp			0.00		NE corner at Klinger	10.33	10.33	6.00		
"	0.00	0.00	0.00	0.00	South ADA Ramp			0.00		"	0.00	0.00	6.00		
SW corner at Klinger	0.00	0.00	0.00	0.00	East ADA Ramp			0.00		SW corner at Klinger	2.00	2.00	6.00		
SE corner at Klinger	8.17	6.00	5.45	49.02	North ADA Ramp			49.02				0.00			
"	7.25	6.00	4.83	43.50	West ADA Ramp			43.50				0.00			
Total Quantities			55.79	502.09	Total Quantities	225.36	0.00	276.73	0.00	Total Quantities	39.33	39.33	42.00	0.00	0.00

FIELD INSPECTOR: D. Welborne (OEI)

REVIEWED BY:

DATE: 2020-10-16

DATE:

SIDEWALK & CURB REMOVAL & REPLACEMENT LOCATIONS

DATE: 2020-10-16

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: Carpenter Ave., Detroit, MI

SHEETS: 2 of 3

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)
"	5.75	6.08	3.88	34.96	East Sidewalk	34.96						0.00			
"	5.92	6.00	3.95	35.52	South Sidewalk	35.52						0.00			
"	3.71	3.21	1.32	11.91	Corner Sidewalk			11.91				0.00			
3342	2.92	8.00	2.60	23.36	Lead Access	23.36						0.00			
SE corner at Sobieski	8.00	6.00	5.33	48.00	North ADA Ramp			48.00				0.00			
"	3.25	6.00	2.17	19.50	West ADA Ramp			19.50				0.00			
"	3.50	1.63	0.63	5.69	Corner Sidewalk			5.69				0.00			
SE corner of Gallagher	4.08	6.00	2.72	24.48	West ADA Ramp			24.48				0.00			
SE corner of Charest	7.00	6.00	4.67	42.00	North ADA Ramp			42.00				0.00			
"	3.00	6.00	2.00	18.00	West ADA Ramp			18.00				0.00			
"	5.25	3.00	1.75	15.75	South Sidewalk	15.75						0.00			
"	2.63	1.50	0.44	3.94	Corner Sidewalk			3.94				0.00			
NE corner of McDougell	0.00	0.00	0.00	0.00	South ADA Ramp			0.00		NE corner of McDougell	14.92	14.92	6.00		
NE corner at Mitchell	7.00	6.00	4.67	42.00	South ADA Ramp			42.00		NE corner at Mitchell	10.00	10.00			
"	5.42	6.00	3.61	32.52	West ADA Ramp			32.52				0.00			
"	7.00	6.00	4.67	42.00	South Sidewalk	42.00						0.00			
"	2.75	3.00	0.92	8.25	Corner Sidewalk			8.25				0.00			
Total Quantities			45.32	407.87	Total Quantities	151.59	0.00	256.28	0.00	Total Quantities	24.92	24.92	6.00	0.00	0.00

FIELD INSPECTOR: D. Welborne (OEI)

DATE: 2020-10-16

REVIEWED BY:

DATE:



Somat Engineering
INCORPORATED



SIDEWALK & CURB REMOVAL & REPLACEMENT LOCATIONS

DATE: 2020-10-16

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: Carpenter Ave., Detroit, MI

SHEETS: 3 of 3

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)
NW corner of Mitchell	5.67	6.00	3.78	34.02	SE ADA Ramp			34.02		NW corner of Mitchell	20.08	20.08			
"	7.67	7.33	6.25	56.22	North Sidewalk	56.22						0.00			
"	6.83	7.33	5.56	50.06	West Sidewalk	50.06						0.00			
2358	9.42	8.00	8.37	75.36	Driveway Approach			75.36				0.00			
NW corner of Jos Campau			0.00	0.00	East ADA Ramp	0.00				NW corner of Jos Campau	20.17	20.17	6.00		
"			0.00	0.00	South ADA Ramp	0.00				"	0.00	0.00	6.00		
SE corner of Mitchell	5.25	6.00	3.50	31.50	East Sidewalk	31.50						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			27.46	247.17	Total Quantities	137.79	0.00	109.38	0.00	Total Quantities	40.25	40.25	12.00	0.00	0.00

FIELD INSPECTOR: D. Welborne (OEI)

DATE: 2020-10-16

REVIEWED BY:

DATE:



CONCRETE QA CORRELATION

DATE: 10/16/2020
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 G. Welborne
CONTRACTOR: West Side
QC COMPANY: Driesenga
QC TESTER: Matt

CONCRETE INFORMATION

CONCRETE COMPANY:	McCoig	TRUCK NUMBER:	2438
MIX DESIGN #:	P1-SW	PLANT LOCATION (CITY):	Detroit (1)
CONCRETE GRADE:	P1	TOTAL QUANTITY (CYDS):	33
PWL/NON-PWL:	NON-PWL	QUANTITY AT SAMPLE (CYDS):	3

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

ADA Ramps and Sidewlks on Carpenter St fro I-75 to Conant

TEST RESULTS

	QC (CONTRACTOR)	QA (SOMAT)	TOLERANCE	MEETS TOLERANCE (Y/N)
SAMPLE TIME (Hrs/Min):	9:25Am			
AIR CONTENT (%):	4.20	4.80	+/- 0.8 PERCENT	YES
CONCRETE TEMP. (°F):	62	62	+/- 2.0 DEGREES	YES
AIR TEMP. (°F):	43	43		

REMARKS:

FIELD REPRESENTATIVE: Diego R
PROJECT MANAGER(s): Steve Drummond, P.E.

DATE: 10/16/2020

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	10/16/2020
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	Diego Riley
MDOT Control Section		Date Issued	10/16/2020
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 33.00 +/- yds ³ /ft ³ of concrete at the following location: ADA Ramps and Sidewlks on Carpenter St fro I-75 to Conant									
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)
9:00 AM	2438	1.00	6.20	0.0	37	74	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	81073						28	11/13/2020		
1	81074						28	11/13/2020		

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:	Diego Riley