



City of Detroit

Inspector's Daily Report

10/22/2020 8:56 PM

FieldManager 5.3c

Contract: _PW-7018, City of Detroit Resurfacing 2020

IDR Date 10/20/2020	Day of Week Tuesday	Seq. No. 1	Import Date 10/30/2020	Project Engineer Jim Petronski - 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, Dwight Harris		Revised By		Revision Date	Revision No.
Temperatures Low: 42 ° F High: 50 ° F		Weather Sunny			

Comments

Westside Concrete Co.began at 7:30 am preparing to place concrete sidewalks and ADA ramps on Carpenter between Dequindre & Conant. All areas were reinspected and checked to verify proper depth, compaction, and proper slope before concrete was placed. Concrete arrived on site at 9:00 am. All sidewalk ramps were constructed with detectable warning surface inaccordance with the applicable provisions of Section 803 of the 2012 MDOT Standard and current Department of Public Works, Sidewalk Ramp and Detectable Warning Details R-28. The concrete sidewalk and ramp thickness was constructed according to the City of Detroit Thickness Amendment, All concrete was sprayed with MDOT approved curing compound. Contractor stamped concrete with a legible stamp bearing company name and the year of construction. Concrete testing was performed by Somat Engineering and Driesenga & Associates personnel, all concrete met approval.

Contractor continued curb and sidewalk removal thru out the day. Special attention was given not to damage water sprinkles, and all other private property. All concrete removed was removed from site. All new placed concrete and excavated areas were barricades with cones and caution tape. Job site was secure and safe at the end of the day.

Contractors

Contractor's Name	Personnel	No.	Hrs.	Equipment	No.	Hrs.
West Side Concrete Company	Finishers	4	9.00	Backhoe	2	9.00
	Foreman	1	9.00	Bobcat	1	9.00
	Labors	4	9.00	Stake truck	2	9.00
	Operators	3	9.00			

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 37.300 Ft Carpenter between Dequindre and Conant									
Contractor: West Side Concrete Company									
Item Remarks: Final Field Measure									
Concrete, Grade P1 1.38 Cyd									
Material Remarks: McCoig Materials									
Curing Compound, White 0.37 Gal									
Material Remarks: Westside Concrete Co.									
_ Curb, Rem, Modified _20470020040 PW-7018 0000 108.200 Ft Carpenter between Dequindre and Conant									
Contractor: West Side Concrete Company									
Item Remarks: Final Field Measure									

Contract: _PW-7018

IDR: 10/20/2020, DH, 1

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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	_8027001	0380	PW-7018	0000	30.000	Ft	Carpenter between Dequindre and Conant		
Contractor: West Side Concrete Company									
Item Remarks: Final Field Measure									
Detectable Warning Surface							30.00 Ft		
Material Remarks: Westside Concrete Co.									
Dr Structure Cover, Adj, Case 2, Modified	4037050	0935	PW-7018	0000	2.000	Ea	Carpenter between Dequindre and Conant		
Contractor: West Side Concrete Company									
Item Remarks: Final Field Measure									
Brick, Concrete							15.00 Ea		
Material Remarks: Westside Concrete Co.									
Sidewalk Ramp, ADA, Modified	_8027010	0390	PW-7018	0000	195.520	Sft	Carpenter between Dequindre and Conant		
Contractor: West Side Concrete Company									
Item Remarks: Final Field Measure									
Concrete, Grade P1							0.16 Cyd		
Material Remarks: McCoig Materials									
Curing Compound, White							3.91 Gal		
Material Remarks: Westside Concrete Co.									
Joint Filler, Fiber							8.00 Syd		
Sidewalk, Conc, 4 inch, Modified	_8027011	0400	PW-7018	0000	956.790	Sft	Carpenter between Dequindre and Conant		
Contractor: West Side Concrete Company									
Item Remarks: Final Field Measure									
Concrete, Grade P1							11.70 Cyd		
Material Remarks: McCoig Materials									
Curing Compound, White							19.14 Gal		
Material Remarks: Westside Concrete Co.									
Joint Filler, Fiber							23.10 Syd		
Material Remarks: Westside Concrete Co.									
Sidewalk, Conc, 6 inch, Modified	_8027012	0410	PW-7018	0000	8.750	Sft	Carpenter between Dequindre and Conant		
Contractor: West Side Concrete Company									
Item Remarks: Final Field Measure									
Concrete, Grade P1							0.16 Cyd		
Material Remarks: McCoig Materials									
Curing Compound, White							0.18 Gal		
Material Remarks: Westside Concrete Co.									
Joint Filler, Fiber							8.00 Syd		
Material Remarks: Westside Concrete Co.									



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Item Postings

Item/Material Description	Item Code	Prop. Line	Project	Category	Quantity	Unit	Location	Brkdwn ID	Attn
Sidewalk, Rem	_204005	0030	PW-7018	0000	129.000	Syd	Carpenter between Dequindre and Conant		
Contractor: West Side Concrete Company									
Item Remarks: Final Field Measure									

Reviewed By: Carly Taylor Carly Taylor
Jan 12 2021 2:38 PM
(Signature)

(Date)



CONCRETE QA CORRELATION

DATE: 10/20/2020
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: Patrick

CONCRETE INFORMATION

CONCRETE COMPANY:	McCoig	TRUCK NUMBER:	2403
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):	9:15 AM			
AIR CONTENT (%):	7.00	7.20	+/- 0.8 PERCENT	YES
CONCRETE TEMP. (°F):	60	61	+/- 2.0 DEGREES	YES
AIR TEMP. (°F):	45	45		

REMARKS:

FIELD REPRESENTATIVE: Diego Riley

DATE: 10/20/2020

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	10/20/2020
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	10/20/2020
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)
9:15 AM	2403	3.75	7.20	0.0	45	61	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	81158						28	11/17/2020		
1	81159						28	11/17/2020		

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

PW 7018

10/20/2020

ADA Ramps & Sidewalks
CARPENTER bet. Dequindes & Conant
Dwight Harris

8027010 Sidewalk Ramp Mod - 195.52 sqft.
0.5

8027011 Sidewalk 4" Mod. .33 956.79 sqft.
11.6

8027012 Sidewalk 6" Mod. 0.5 8.75 sqft.
1.6

8030030 Curb Ramp Opening 1.66 70.9 LFT.
.9

603700 Curb CONC. Detail CD 1.83 37.3 LFT.
.035

2047002 Curb Removal 108.2 LFT.

2040055 Sidewalk Removal - 129.00 sqft

8027001 Detectable Warning 30 LFT.
Surface Tile ✓

4037050 Dr. Structure, Adj. 2 EA
CASE 2 Mod. ✓

side Concrete co.

Daily Measurement Report

Flat Work

Date: 10/20/2020

Location: CARPENTER/CONANT

Job No - PW-7018 city of Detroit

[illegible]

Job No - PW-7018 city of Detroit

Location: CARPENTER/CORANT											Job No - PW-7018 city of Detroit	
Cor. #	Station/loc.	ADA Inserts	Sdwik Ramp	Sidewalk 4"	Sidewalk 6"	Sidewalk 4" or 6" Tree root	Curb Ramp opening	Curb, CD	Curb Rem	Sidewalk Rem		
	NE Charoist	5	3.5 x 6.0 = 21.0	8.3 x 3.5 = 29.05								
		5	6.0 x 6.5 = 39.0	4.0 x 6.0 = 42.0								
				6.0 x 6.5 = 39.0								
				6.0 x 6.5 = 39.0								
				7.0 x 6.5 = 45.5								
	NE Mitchell			8.0 x 6.5 = 52.0								
	NW Mitchell			6.0 x 6.0 = 36.0								
				6.0 x 6.0 = 36.0								
	NW Jos CAMPBELL	5	6.0 x 5.0 = 30.0	4.0 x 4.0 = 16.0	2.5 x 3.5 = 8.75							
		5	3.7 x 6.0 = 22.2	8.0 x 6.0 = 48.0								
				6.8 x 5.8 = 39.44								
				11.2 x 6.5 = 72.8								
	NE MAINE											
	NE MACKAY						8	5.5	13.5			
	NW "						17	5	22			
	NE Arlington						8	4	12			
	NW Arlington						9	13.8	22.8			
							10	7	17			
			112.2	494.79	8.75	Structure Adjust						
	20ft		83.32 sft	462.0 sft	sft	sft	52	35.3	87.3			
	Totals 30ft		195.52	956.79	8.75	ZEP	70.9	37.3	108.2	129.00		
	Inspector Totals											